

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112123\
 Data File : VX038996.D
 Acq On : 21 Nov 2023 19:39
 Operator : JC/MD
 Sample : 05431-04MSD 100X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 15BR-20231113MSD

Quant Time: Nov 22 03:25:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 16 22:59:22 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 11/22/2023
 Supervised By : Mahesh Dadoda 11/22/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	114889	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	213037	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	200706	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	103365	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	96464	52.107	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 104.220%			
35) Dibromofluoromethane	5.385	113	76066	49.438	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.880%			
50) Toluene-d8	8.647	98	283767	48.204	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 96.400%			
62) 4-Bromofluorobenzene	11.079	95	114956	48.782	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 97.560%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	64009	47.749	ug/l	99
3) Chloromethane	1.294	50	70006	40.011	ug/l	97
4) Vinyl Chloride	1.374	62	76058	45.127	ug/l	99
5) Bromomethane	1.599	94	47265	67.827	ug/l	98
6) Chloroethane	1.685	64	44899	46.681	ug/l	98
7) Trichlorofluoromethane	1.886	101	104370	48.800	ug/l	99
8) Diethyl Ether	2.130	74	43312	46.496	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.331	101	61775	43.554	ug/l	94
10) Methyl Iodide	2.453	142	70261	40.700	ug/l	93
11) Tert butyl alcohol	2.953	59	123246	239.363	ug/l #	93
12) 1,1-Dichloroethene	2.319	96	61524	42.965	ug/l	95
13) Acrolein	2.233	56	63611	233.511	ug/l	97
14) Allyl chloride	2.666	41	125877	43.906	ug/l	97
15) Acrylonitrile	3.062	53	250525	230.269	ug/l	98
16) Acetone	2.373	43	218799	222.019	ug/l	92
17) Carbon Disulfide	2.508	76	163010	36.750	ug/l	98
18) Methyl Acetate	2.697	43	235288	50.264	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	243808	48.408	ug/l	97
20) Methylene Chloride	2.788	84	75872	42.708	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	68723	43.495	ug/l	96
22) Diisopropyl ether	3.757	45	252367	47.983	ug/l	90
23) Vinyl Acetate	3.721	43	884841	233.596	ug/l	100
24) 1,1-Dichloroethane	3.605	63	136803	46.513	ug/l	99
25) 2-Butanone	4.550	43	364910	228.337	ug/l	96
26) 2,2-Dichloropropane	4.471	77	114235	44.776	ug/l	93
27) cis-1,2-Dichloroethene	4.489	96	126475	68.673	ug/l	92
28) Bromochloromethane	4.897	49	72646	51.445	ug/l	99
29) Tetrahydrofuran	4.995	42	241351	237.851	ug/l	98
30) Chloroform	5.092	83	138748	48.311	ug/l	97
31) Cyclohexane	5.470	56	111896	42.335	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	120870	48.589	ug/l	100
36) 1,1-Dichloropropene	5.690	75	99326	45.042	ug/l	98
37) Ethyl Acetate	4.708	43	134509	46.818	ug/l	98
38) Carbon Tetrachloride	5.678	117	101770	49.934	ug/l	95
39) Methylcyclohexane	7.379	83	116600	40.537	ug/l	95
40) Benzene	6.037	78	297673	45.640	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	73601	49.394	ug/l	95
42) 1,2-Dichloroethane	6.086	62	110921	51.330	ug/l	99
43) Isopropyl Acetate	6.336	43	218102	47.501	ug/l	99
44) Trichloroethene	7.123	130	129360	81.483	ug/l	97
45) 1,2-Dichloropropane	7.427	63	82341	46.913	ug/l	97
46) Dibromomethane	7.580	93	56965	48.668	ug/l	97
47) Bromodichloromethane	7.824	83	111501	47.996	ug/l	97
48) Methyl methacrylate	7.690	41	103250	46.347	ug/l	94
49) 1,4-Dioxane	7.659	88	38835	901.074	ug/l #	99
51) 4-Methyl-2-Pentanone	8.574	43	720740	245.633	ug/l	100
52) Toluene	8.720	92	187958	46.439	ug/l	95
53) t-1,3-Dichloropropene	8.976	75	127804	46.293	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	133339	46.757	ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	80148	47.459	ug/l	96
56) Ethyl methacrylate	9.116	69	135437	47.399	ug/l	96
57) 1,3-Dichloropropane	9.305	76	133977	47.969	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	312036	234.422	ug/l	96
59) 2-Hexanone	9.427	43	563739	239.700	ug/l	99
60) Dibromochloromethane	9.519	129	83005	48.339	ug/l	97
61) 1,2-Dibromoethane	9.610	107	85112	48.028	ug/l	99
64) Tetrachloroethene	9.275	164	57557	46.136	ug/l	96
65) Chlorobenzene	10.079	112	200410	46.354	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	74638	47.992	ug/l	98
67) Ethyl Benzene	10.195	91	372832	46.937	ug/l	98
68) m/p-Xylenes	10.299	106	279229	92.929	ug/l	99
69) o-Xylene	10.640	106	137988	46.411	ug/l	99
70) Styrene	10.652	104	233069	46.417	ug/l	99
71) Bromoform	10.799	173	61575	47.494	ug/l #	100
73) Isopropylbenzene	10.963	105	362566	45.019	ug/l	99
74) N-amyl acetate	10.841	43	188597	44.300	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	139957	44.518	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	118642m	46.004	ug/l	
77) Bromobenzene	11.195	156	81100	44.816	ug/l	97
78) n-propylbenzene	11.305	91	441673	44.554	ug/l	98
79) 2-Chlorotoluene	11.366	91	259819	44.164	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	308263	45.523	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	46114	39.662	ug/l	85
82) 4-Chlorotoluene	11.451	91	304873	44.944	ug/l	100
83) tert-Butylbenzene	11.713	119	301506	45.209	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	310334	45.278	ug/l	100
85) sec-Butylbenzene	11.890	105	393242	45.079	ug/l	99
86) p-Isopropyltoluene	12.006	119	316240	45.159	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	160641	45.332	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	162545	44.816	ug/l	99
89) n-Butylbenzene	12.329	91	310673	43.972	ug/l	96
90) Hexachloroethane	12.536	117	60569	43.312	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	157697	46.919	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	35119	45.594	ug/l	94
93) 1,2,4-Trichlorobenzene	13.585	180	101444	45.040	ug/l	98
94) Hexachlorobutadiene	13.725	225	35478	44.481	ug/l	98
95) Naphthalene	13.774	128	379555	45.247	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	99053	46.393	ug/l	99

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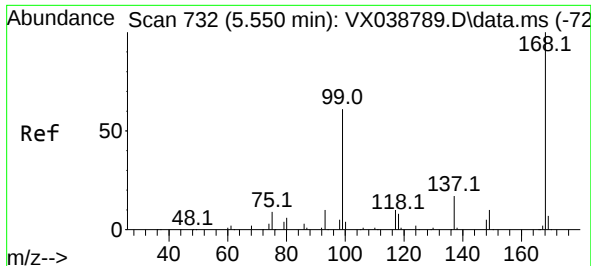
Manual Integrations
APPROVED

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Quant Title : SW846 8260
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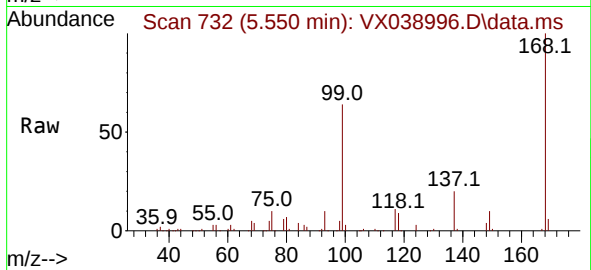
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX038996.D
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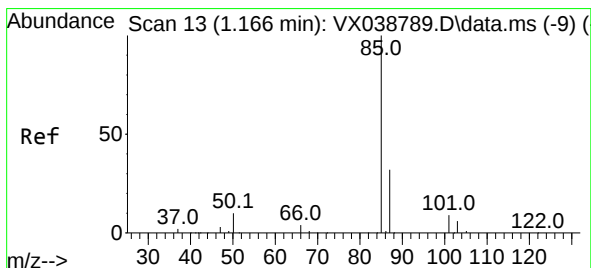
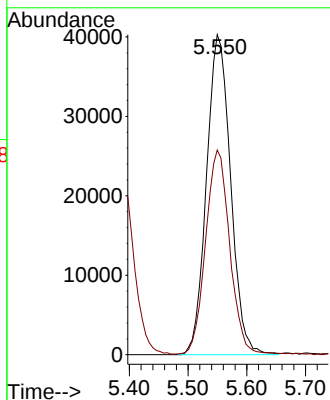
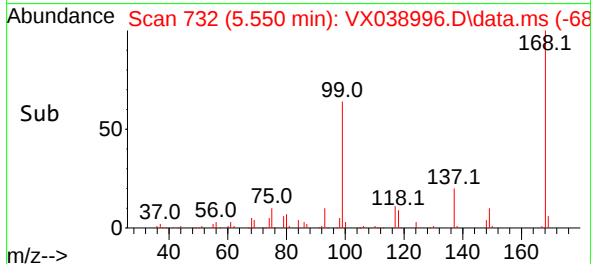
Instrument :
MSVOA_X
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15BR-20231113MSD



Tgt Ion:168 Resp: 114889
Ion Ratio Lower Upper
168 100
99 63.7 56.6 85.0

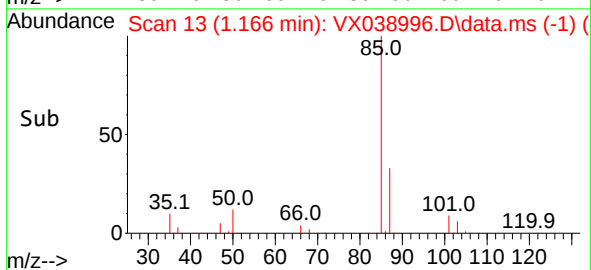
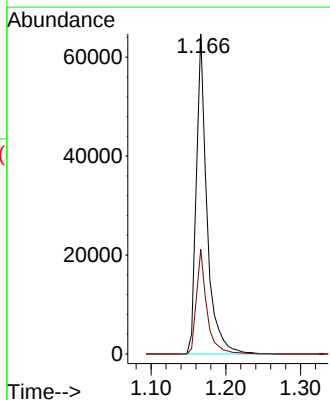
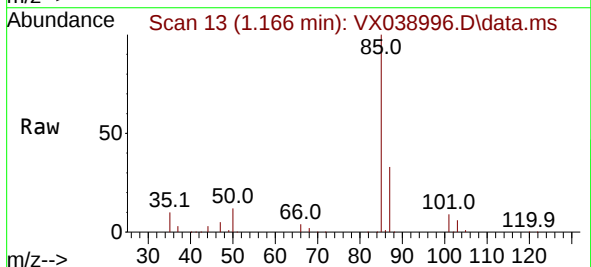
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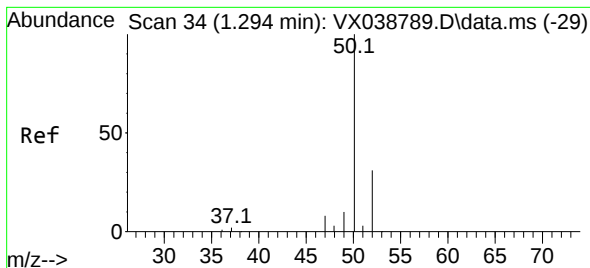
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023



#2
Dichlorodifluoromethane
Concen: 47.749 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX038996.D
Acq: 21 Nov 2023 19:39

Tgt Ion: 85 Resp: 64009
Ion Ratio Lower Upper
85 100
87 32.8 16.7 50.1





#3

Chloromethane

Concen: 40.011 ug/l

RT: 1.294 min Scan# 34

Delta R.T. 0.000 min

Lab File: VX038996.D

Acq: 21 Nov 2023 19:39

Instrument :

MSVOA_X

ClientSampleId :

15BR-20231113MSD

Tgt Ion: 50 Resp: 70000

Ion Ratio Lower Upper

50 100

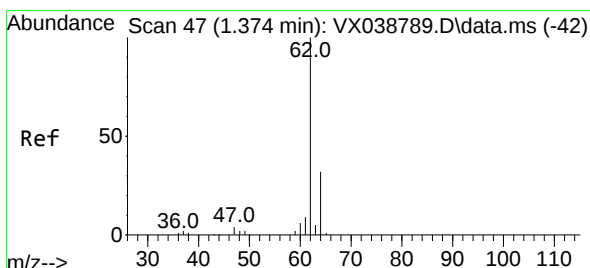
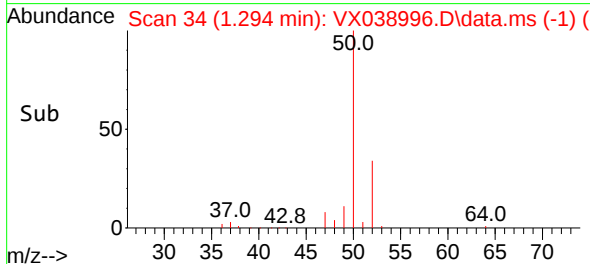
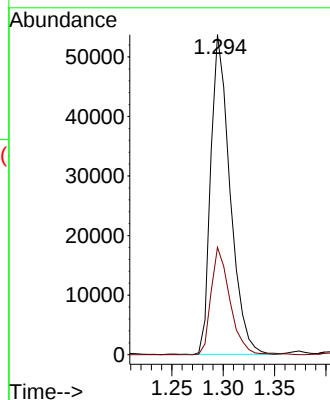
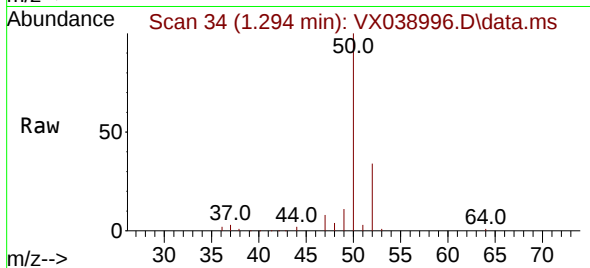
52 33.6 25.5 38.3

Manual Integrations

APPROVED

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Supervised By :Mahesh Dadoda 11/22/2023



#4

Vinyl Chloride

Concen: 45.127 ug/l

RT: 1.374 min Scan# 47

Delta R.T. -0.000 min

Lab File: VX038996.D

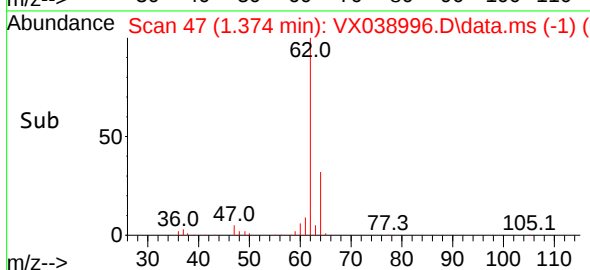
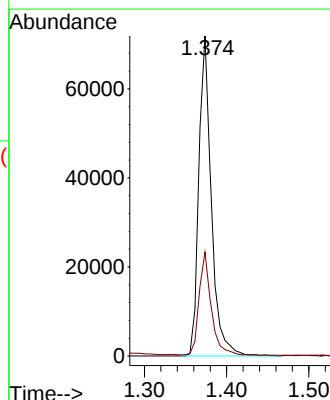
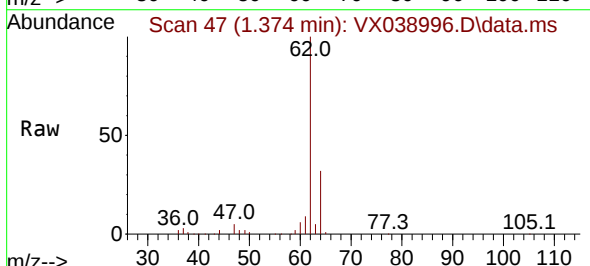
Acq: 21 Nov 2023 19:39

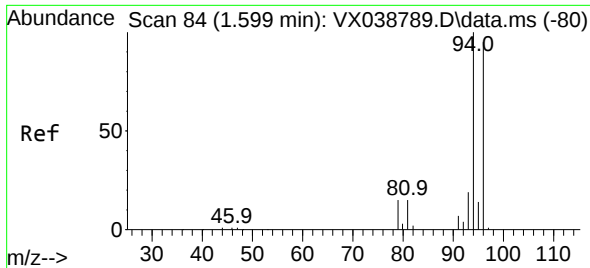
Tgt Ion: 62 Resp: 76058

Ion Ratio Lower Upper

62 100

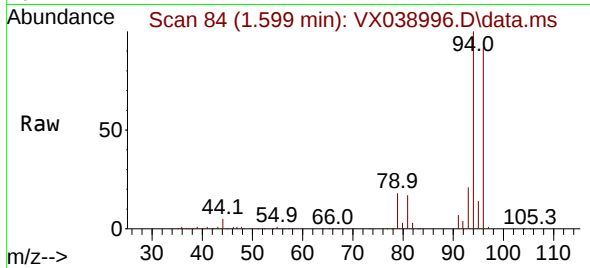
64 32.2 25.4 38.0





#5
Bromomethane
Concen: 67.827 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX038996.D
Acq: 21 Nov 2023 19:39

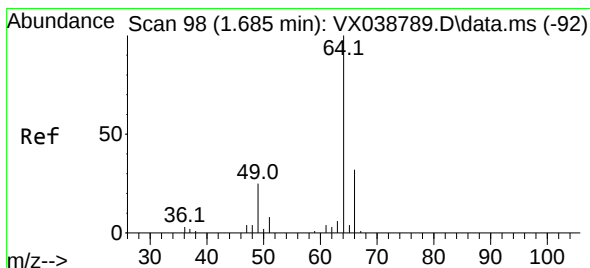
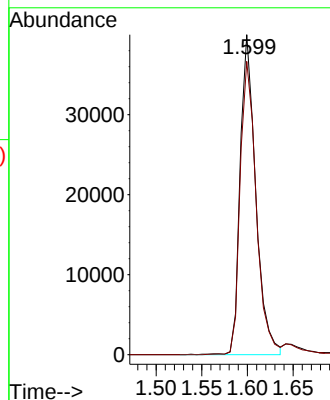
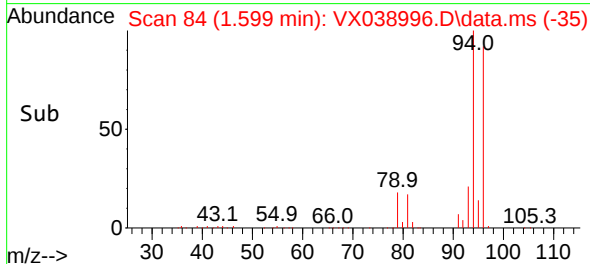
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Tgt Ion: 94 Resp: 4726
Ion Ratio Lower Upper
94 100
96 91.7 74.6 111.8

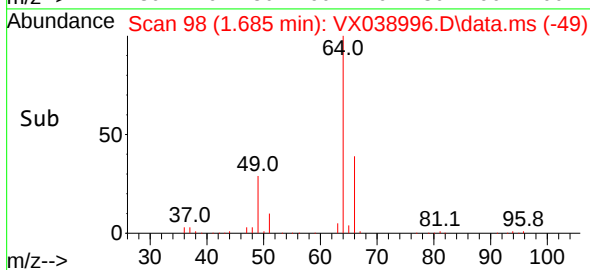
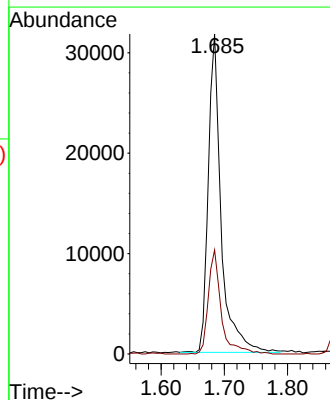
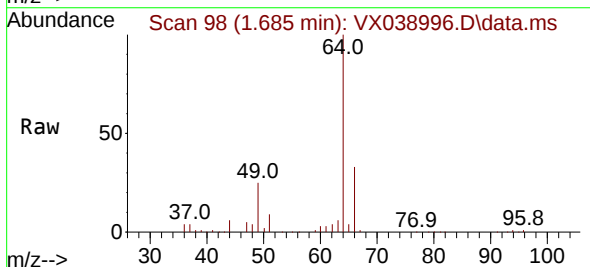
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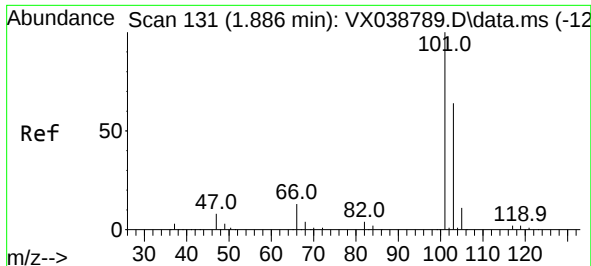
Reviewed By :John Carlone 11/22/2023
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#6
Chloroethane
Concen: 46.681 ug/l
RT: 1.685 min Scan# 98
Delta R.T. -0.000 min
Lab File: VX038996.D
Acq: 21 Nov 2023 19:39

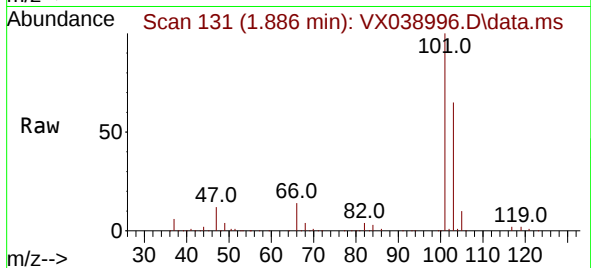
Tgt Ion: 64 Resp: 44899
Ion Ratio Lower Upper
64 100
66 32.7 25.1 37.7





#7
Trichlorofluoromethane
Concen: 48.800 ug/l
RT: 1.886 min Scan# 131
Delta R.T. 0.000 min
Lab File: VX038996.D
Acq: 21 Nov 2023 19:39

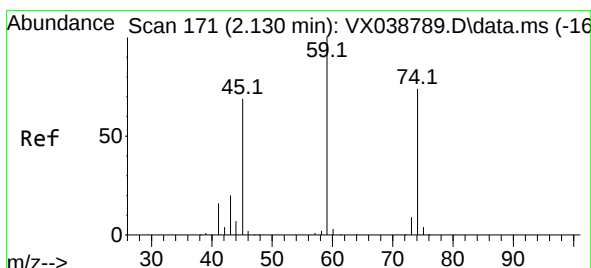
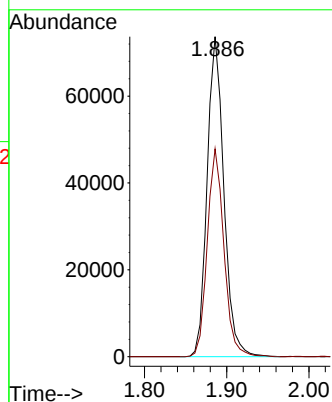
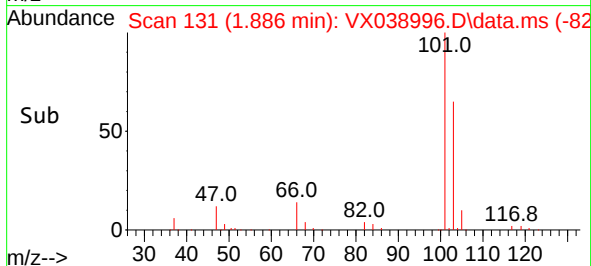
Instrument :
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15BR-20231113MSD



Tgt Ion:101 Resp: 104370
Ion Ratio Lower Upper
101 100
103 64.9 51.4 77.2

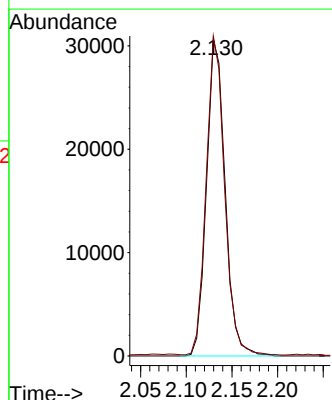
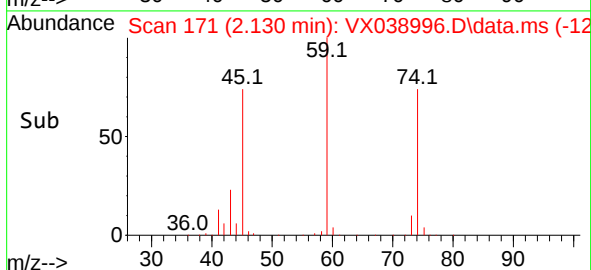
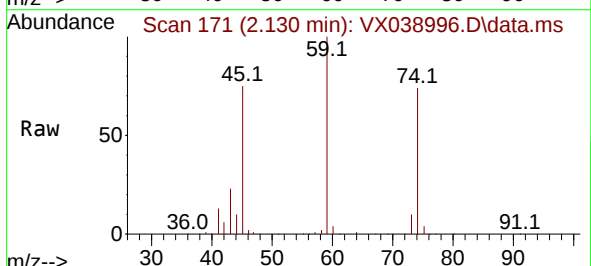
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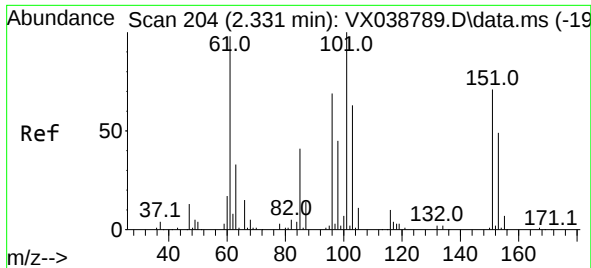
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023



#8
Diethyl Ether
Concen: 46.496 ug/l
RT: 2.130 min Scan# 171
Delta R.T. 0.000 min
Lab File: VX038996.D
Acq: 21 Nov 2023 19:39

Tgt Ion: 74 Resp: 43312
Ion Ratio Lower Upper
74 100
45 99.5 53.3 159.8





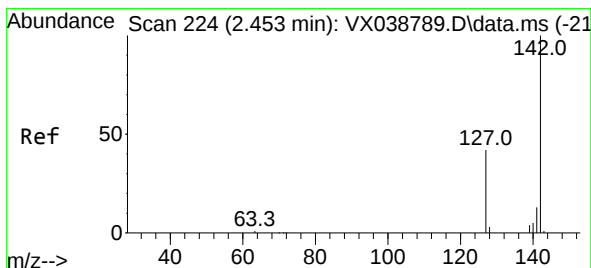
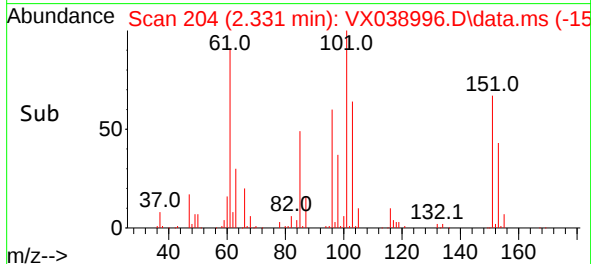
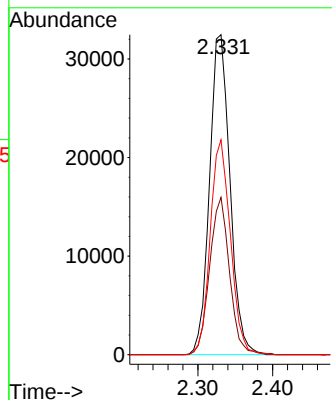
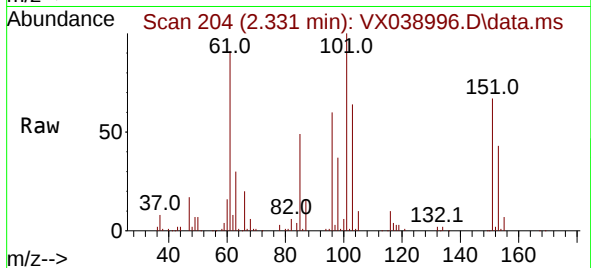
#9
1,1,2-Trichlorotrifluoroethane
Concen: 43.554 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX038996.D
Acq: 21 Nov 2023 19:39

Instrument :
MSVOA_X
ClientSampleId :
15BR-20231113MSD

Tgt Ion:101 Resp: 61775
Ion Ratio Lower Upper
101 100
85 47.7 37.0 55.6
151 66.4 58.6 87.8

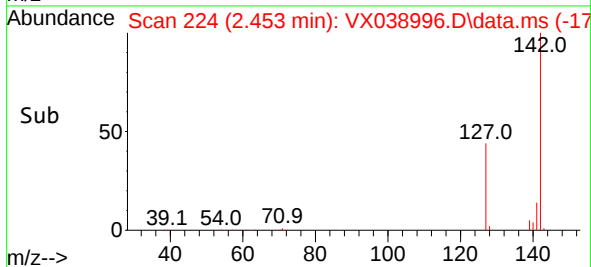
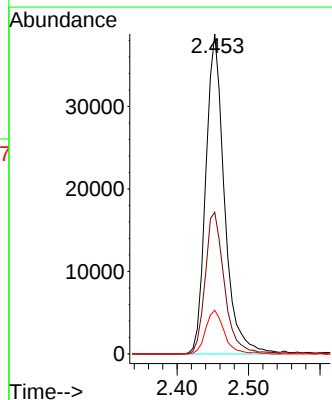
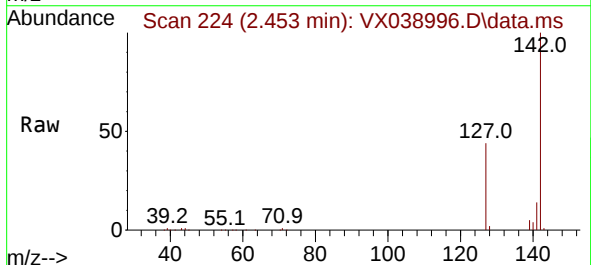
Manual Integrations
APPROVED

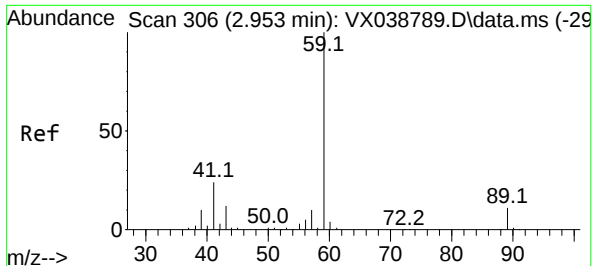
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023



#10
Methyl Iodide
Concen: 40.700 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX038996.D
Acq: 21 Nov 2023 19:39

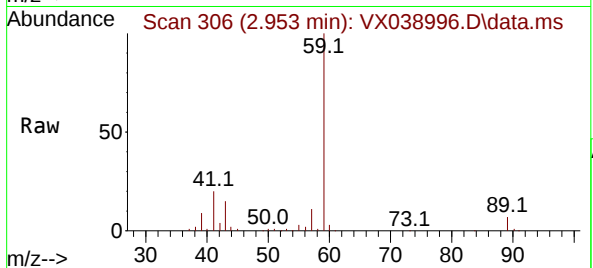
Tgt Ion:142 Resp: 70261
Ion Ratio Lower Upper
142 100
127 45.7 41.6 62.4
141 13.8 11.6 17.4





#11
Tert butyl alcohol
Concen: 239.363 ug/l
RT: 2.953 min Scan# 306
Delta R.T. 0.000 min
Lab File: VX038996.D
Acq: 21 Nov 2023 19:39

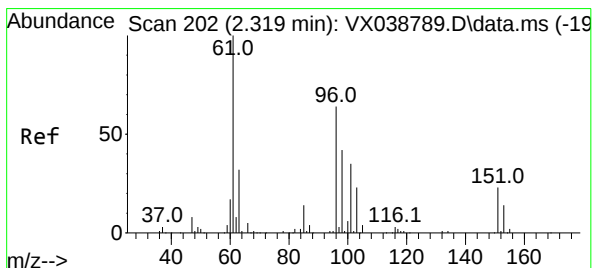
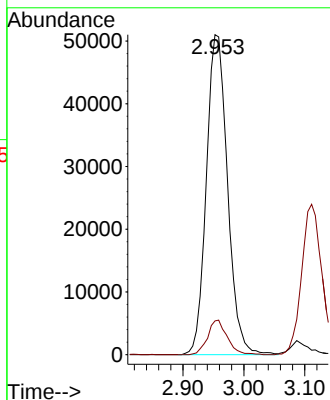
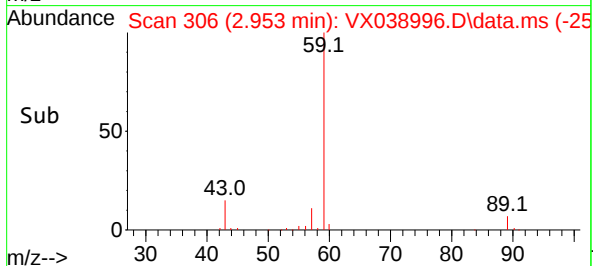
Instrument :
MSVOA_X
ClientSampleId :
15BR-20231113MSD



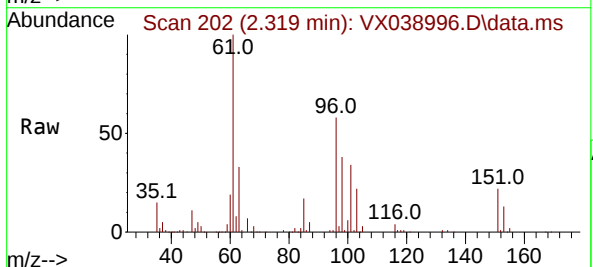
Tgt Ion: 59 Resp: 123240
Ion Ratio Lower Upper
59 100
57 10.0 6.0 9.0

Manual Integrations
APPROVED

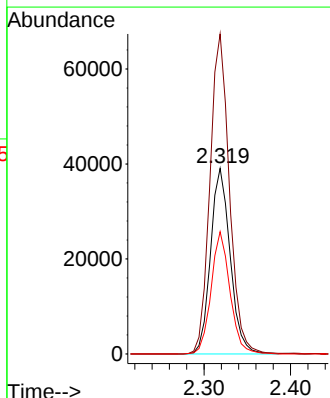
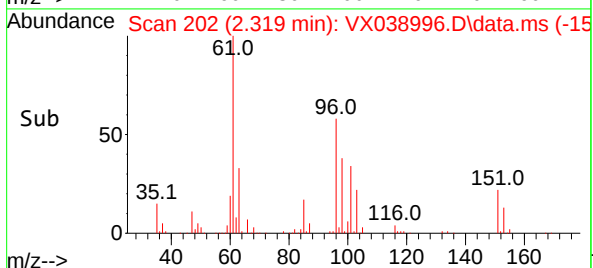
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023

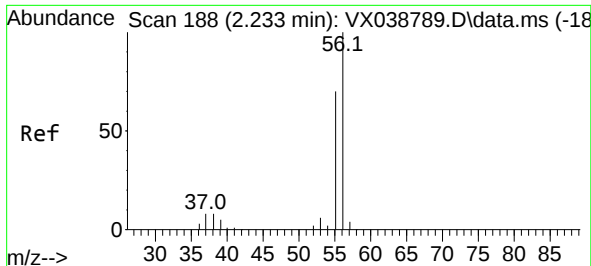


#12
1,1-Dichloroethene
Concen: 42.965 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX038996.D
Acq: 21 Nov 2023 19:39



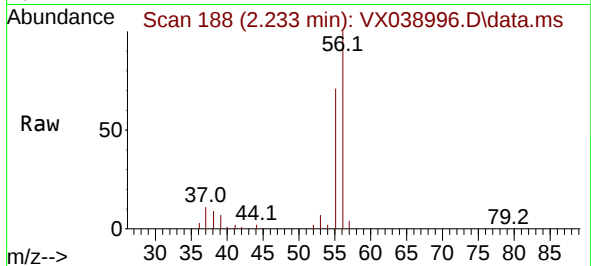
Tgt Ion: 96 Resp: 61524
Ion Ratio Lower Upper
96 100
61 172.4 144.6 216.8
98 65.8 50.4 75.6





#13
Acrolein
Concen: 233.511 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX038996.D
Acq: 21 Nov 2023 19:39

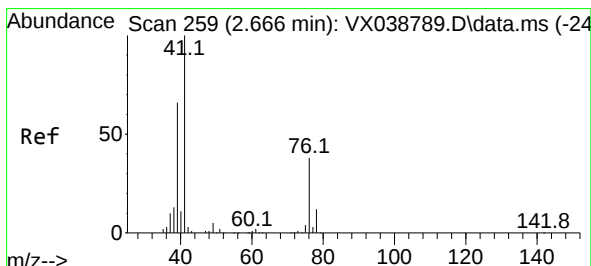
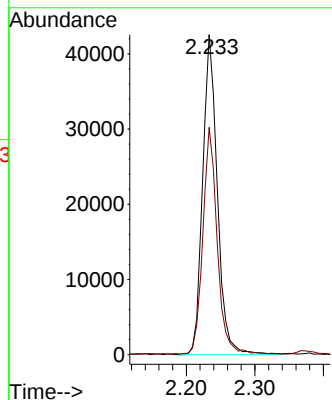
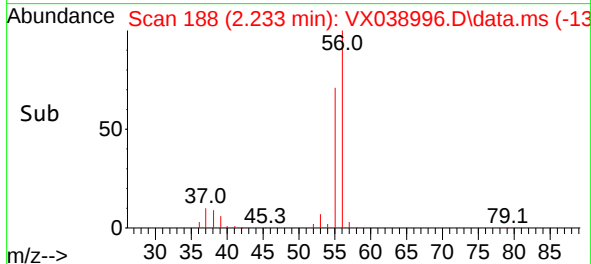
Instrument :
MSVOA_X
ClientSampleId :
15BR-20231113MSD



Tgt Ion: 56 Resp: 6361
Ion Ratio Lower Upper
56 100
55 69.2 57.1 85.7

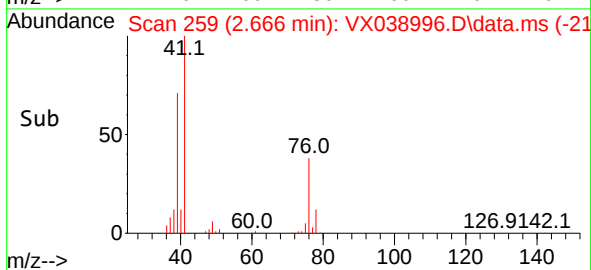
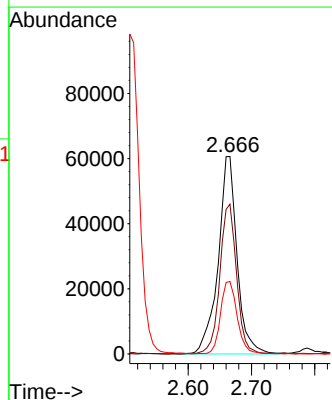
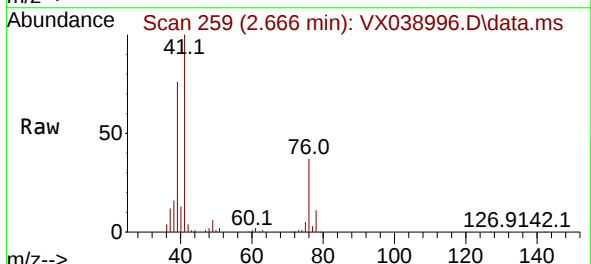
Manual Integrations
APPROVED

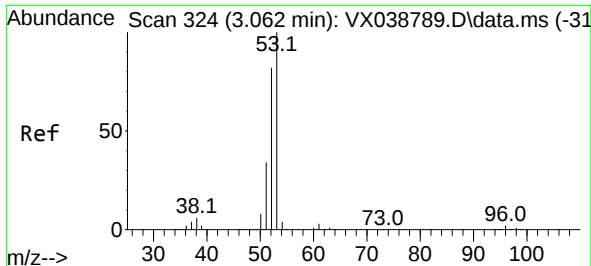
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023



#14
Allyl chloride
Concen: 43.906 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX038996.D
Acq: 21 Nov 2023 19:39

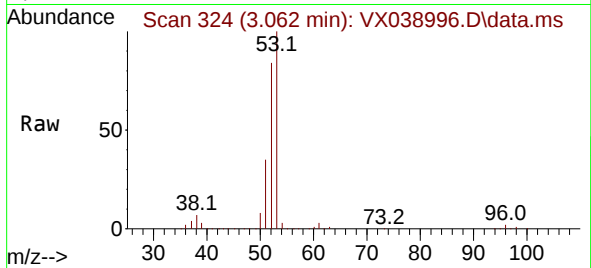
Tgt Ion: 41 Resp: 125877
Ion Ratio Lower Upper
41 100
39 67.4 55.8 83.6
76 32.3 24.3 36.5





#15
Acrylonitrile
Concen: 230.269 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX038996.D
Acq: 21 Nov 2023 19:39

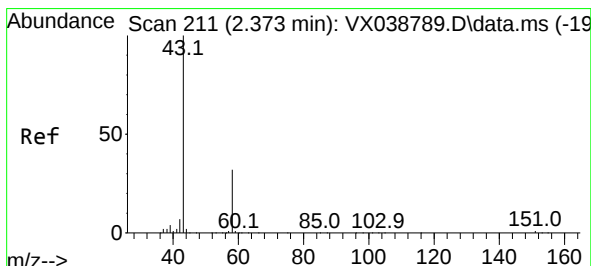
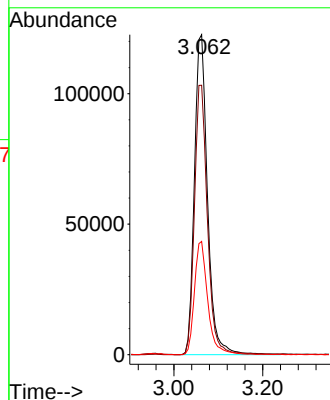
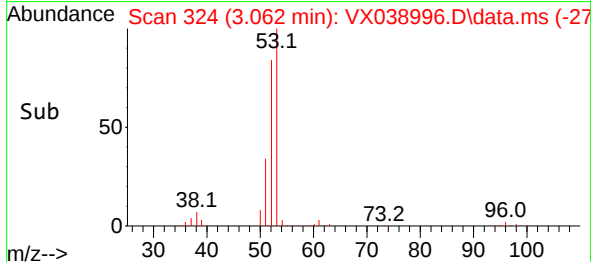
Instrument :
MSVOA_X
ClientSampleId :
15BR-20231113MSD



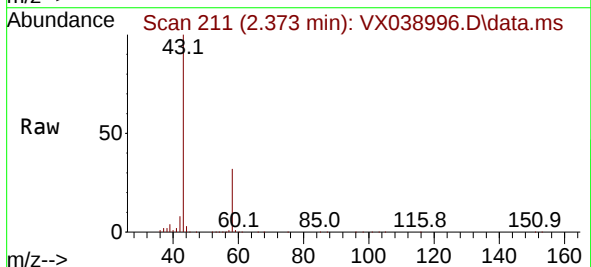
Tgt Ion: 53 Resp: 250529
Ion Ratio Lower Upper
53 100
52 83.8 66.0 99.0
51 36.1 29.8 44.6

Manual Integrations
APPROVED

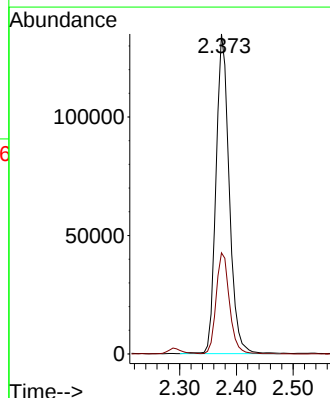
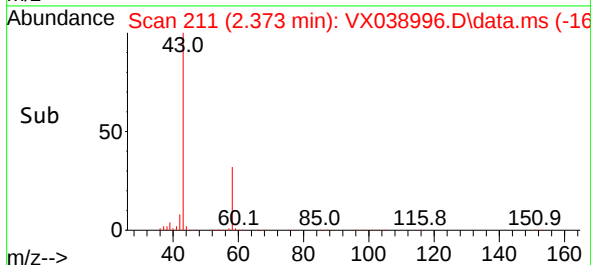
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023

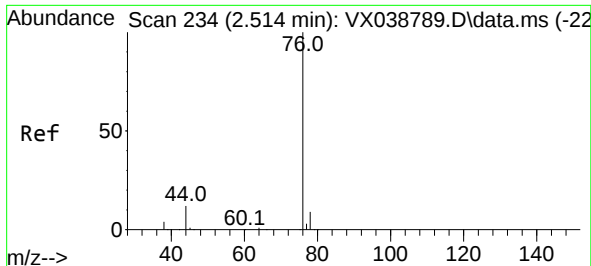


#16
Acetone
Concen: 222.019 ug/l
RT: 2.373 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX038996.D
Acq: 21 Nov 2023 19:39



Tgt Ion: 43 Resp: 218799
Ion Ratio Lower Upper
43 100
58 31.5 21.9 32.9





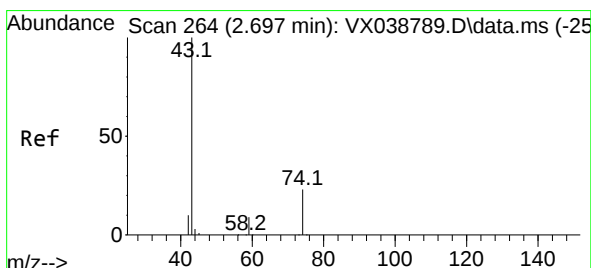
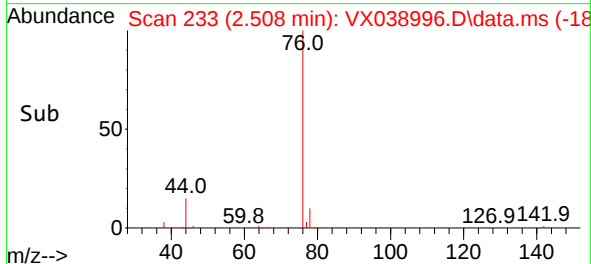
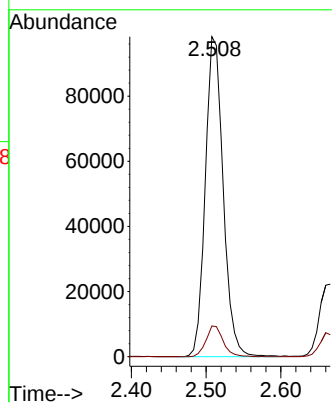
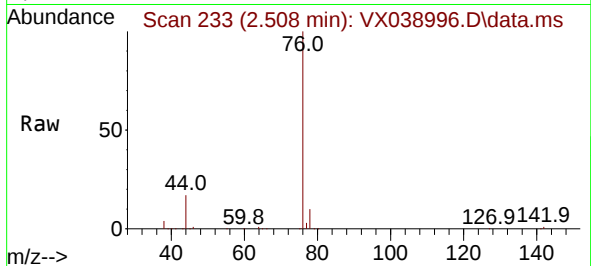
#17
Carbon Disulfide
Concen: 36.750 ug/l
RT: 2.508 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX038996.D
Acq: 21 Nov 2023 19:39

Instrument :
MSVOA_X
ClientSampleId :
15BR-20231113MSD

Tgt Ion: 76 Resp: 163010
Ion Ratio Lower Upper
76 100
78 9.6 7.0 10.6

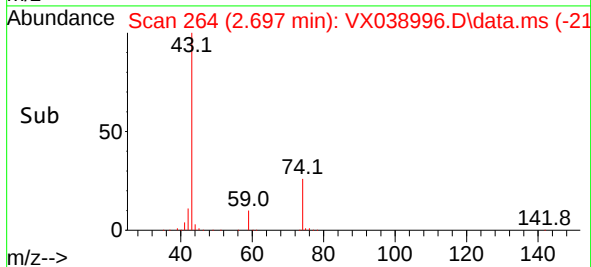
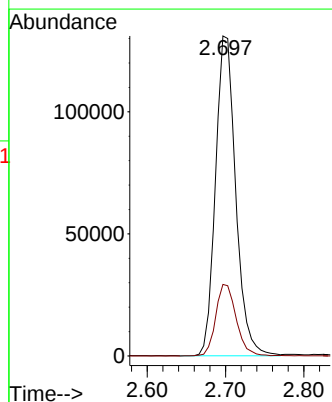
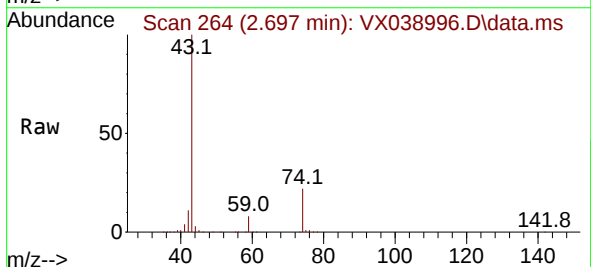
Manual Integrations
APPROVED

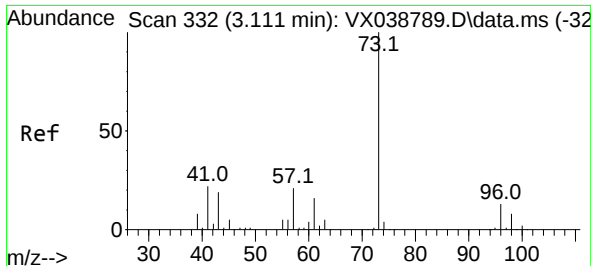
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023



#18
Methyl Acetate
Concen: 50.264 ug/l
RT: 2.697 min Scan# 264
Delta R.T. 0.000 min
Lab File: VX038996.D
Acq: 21 Nov 2023 19:39

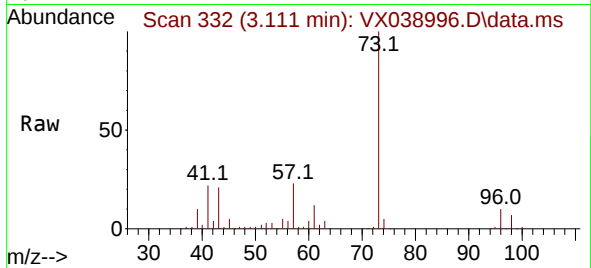
Tgt Ion: 43 Resp: 235288
Ion Ratio Lower Upper
43 100
74 22.9 17.8 26.8





#19
Methyl tert-butyl Ether
Concen: 48.408 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX038996.D
Acq: 21 Nov 2023 19:39

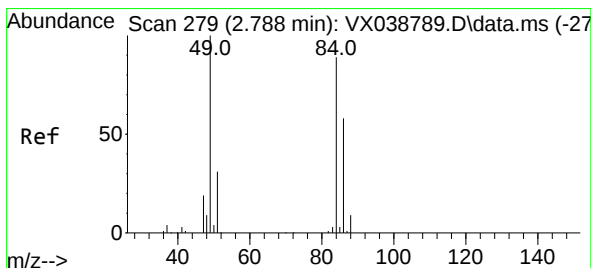
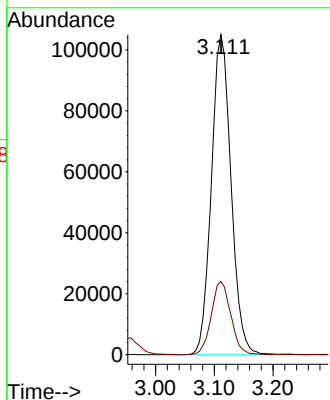
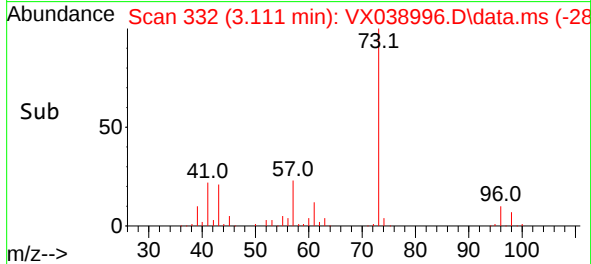
Instrument :
MSVOA_X
ClientSampleId :
15BR-20231113MSD



Tgt Ion: 73 Resp: 243808
Ion Ratio Lower Upper
73 100
57 22.8 17.3 25.9

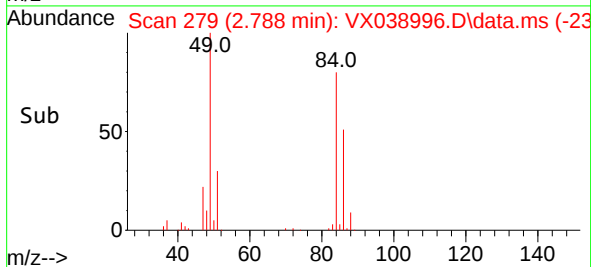
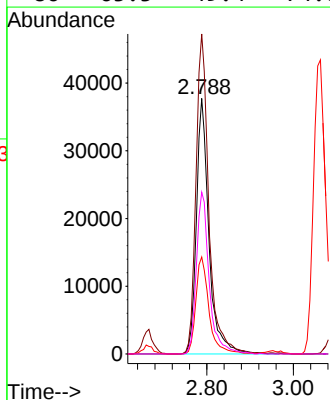
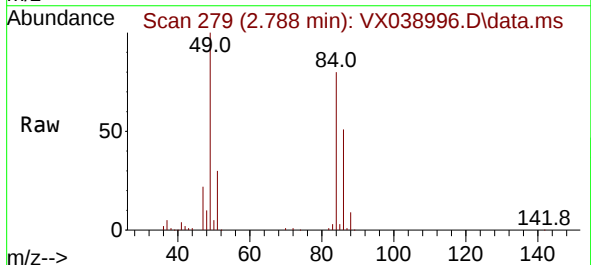
Manual Integrations
APPROVED

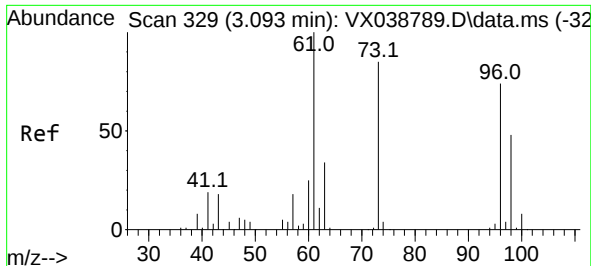
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023



#20
Methylene Chloride
Concen: 42.708 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX038996.D
Acq: 21 Nov 2023 19:39

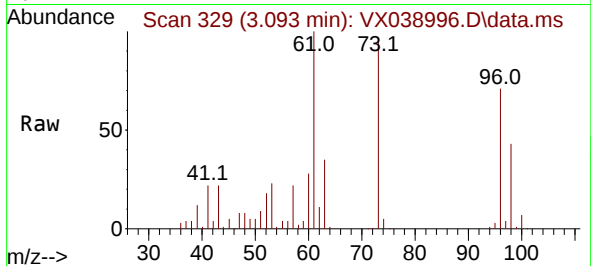
Tgt Ion: 84 Resp: 75872
Ion Ratio Lower Upper
84 100
49 125.3 103.6 155.4
51 38.0 33.8 50.6
86 63.3 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 43.495 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX038996.D
Acq: 21 Nov 2023 19:39

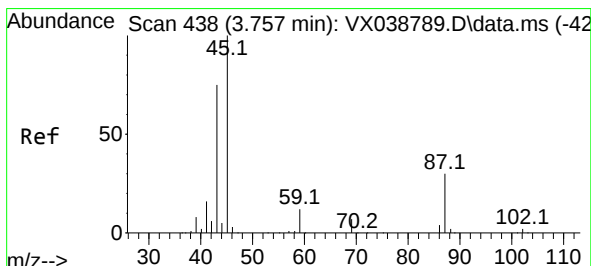
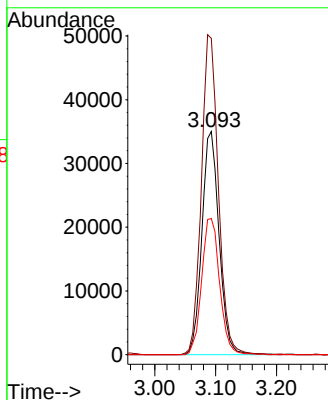
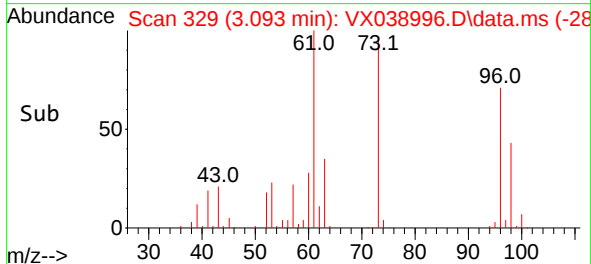
Instrument :
MSVOA_X
ClientSampleId :
15BR-20231113MSD



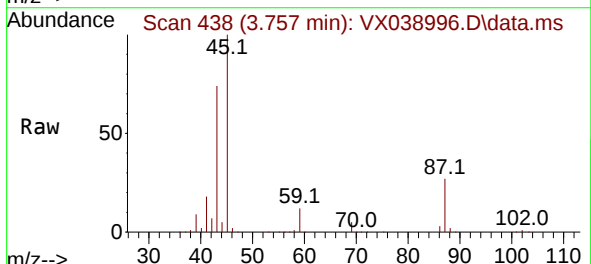
Tgt Ion: 96 Resp: 6872
Ion Ratio Lower Upper
96 100
61 141.8 119.2 178.8
98 61.0 48.7 73.1

Manual Integrations
APPROVED

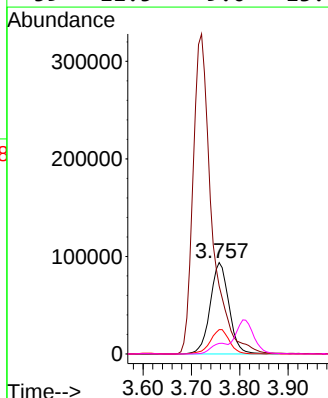
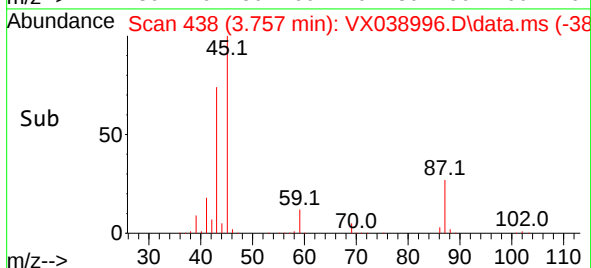
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023

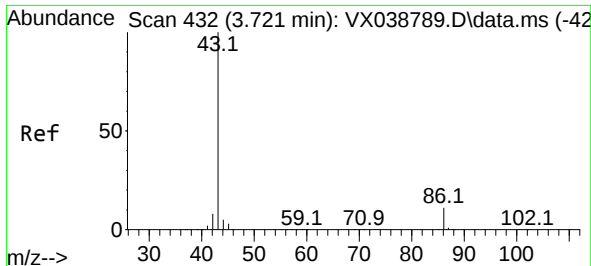


#22
Diisopropyl ether
Concen: 47.983 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX038996.D
Acq: 21 Nov 2023 19:39



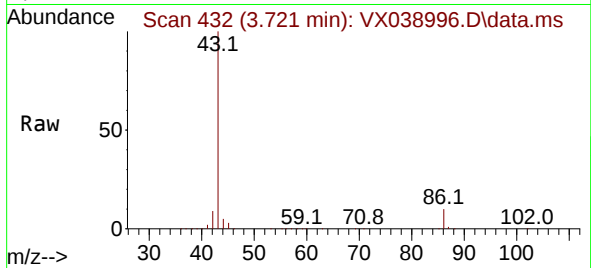
Tgt Ion: 45 Resp: 252367
Ion Ratio Lower Upper
45 100
43 73.9 69.7 104.5
87 26.7 20.8 31.2
59 11.5 9.0 13.4





#23
 Vinyl Acetate
 Concen: 233.596 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX038996.D
 Acq: 21 Nov 2023 19:39

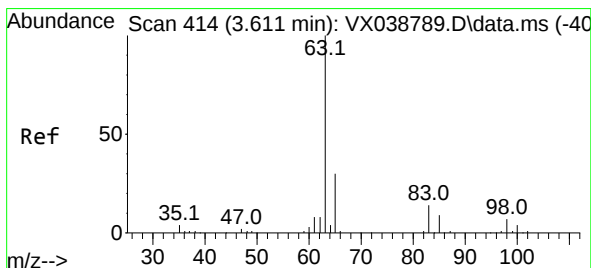
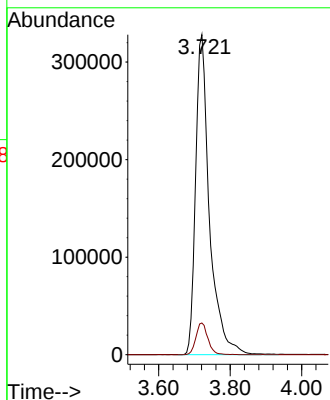
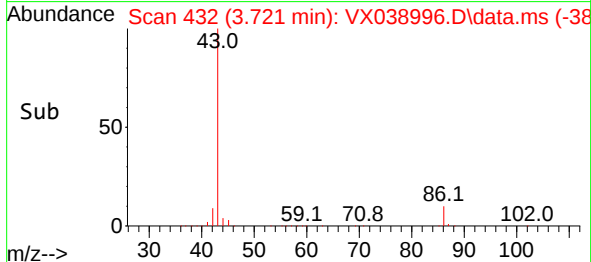
Instrument :
 MSVOA_X
 ClientSampleId :
 15BR-20231113MSD



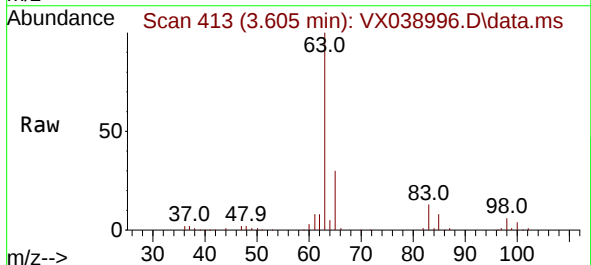
Tgt Ion: 43 Resp: 88484
 Ion Ratio Lower Upper
 43 100
 86 9.9 7.8 11.8

Manual Integrations
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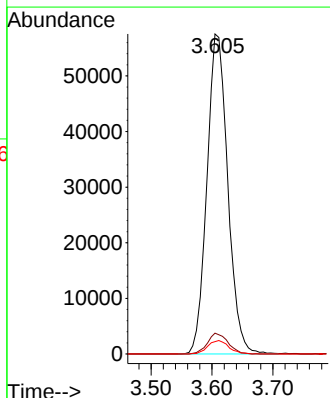
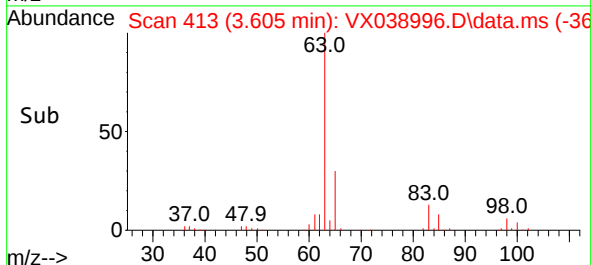
Reviewed By :John Carlone 11/22/2023
 Supervised By :Mahesh Dadoda 11/22/2023

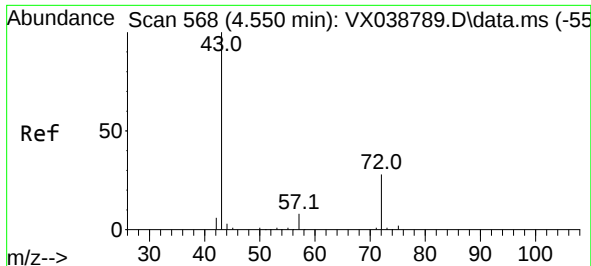


#24
 1,1-Dichloroethane
 Concen: 46.513 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX038996.D
 Acq: 21 Nov 2023 19:39



Tgt Ion: 63 Resp: 136803
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.3 9.8
 100 3.8 2.1 6.5





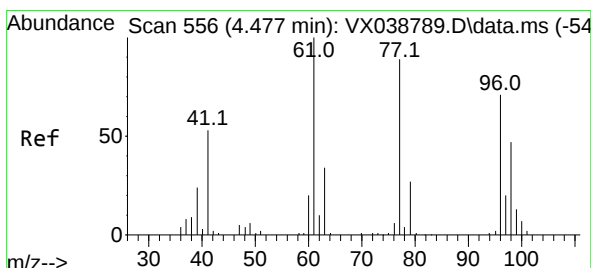
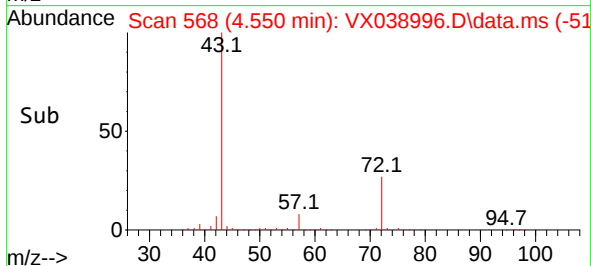
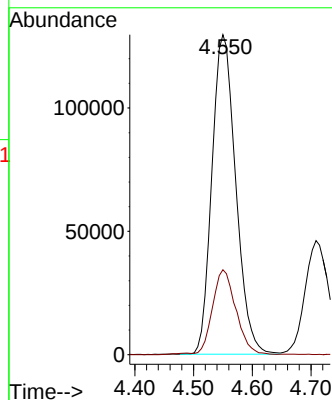
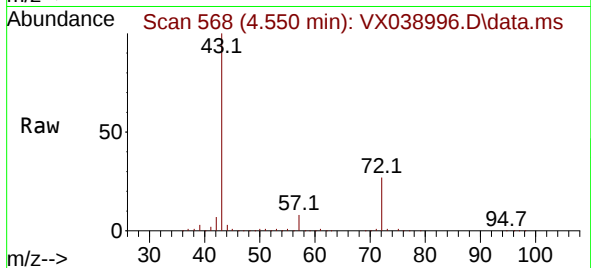
#25
2-Butanone
Concen: 228.337 ug/l
RT: 4.550 min Scan# 568
Delta R.T. 0.000 min
Lab File: VX038996.D
Acq: 21 Nov 2023 19:39

Instrument :
MSVOA_X
ClientSampleId :
15BR-20231113MSD

Tgt Ion: 43 Resp: 364910
Ion Ratio Lower Upper
43 100
72 26.4 19.4 29.2

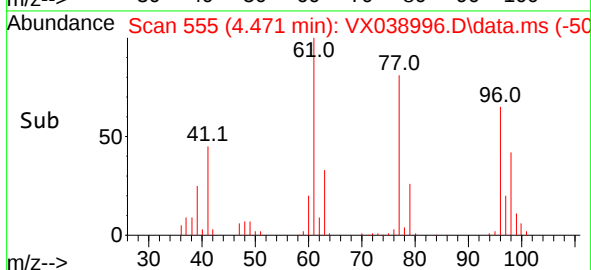
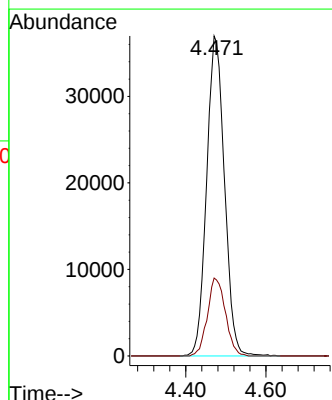
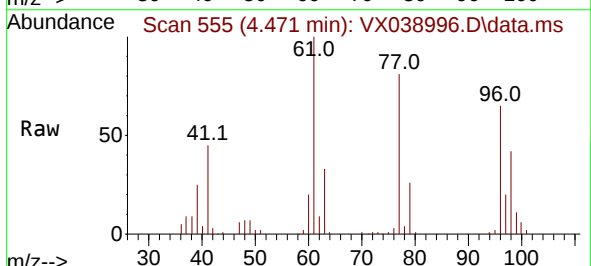
Manual Integrations
APPROVED

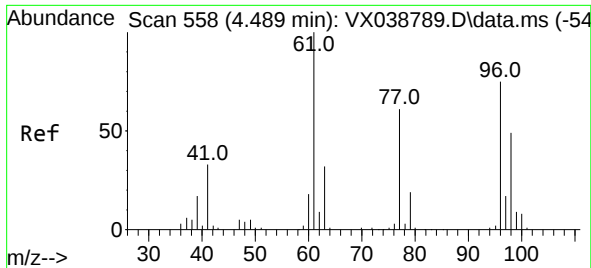
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023



#26
2,2-Dichloropropane
Concen: 44.776 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.006 min
Lab File: VX038996.D
Acq: 21 Nov 2023 19:39

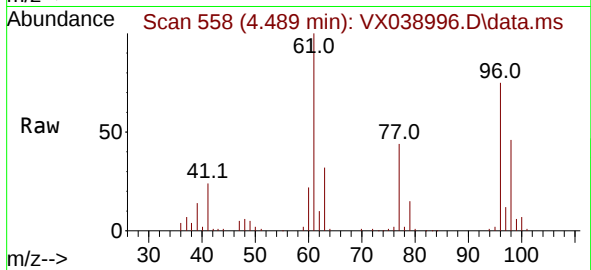
Tgt Ion: 77 Resp: 114235
Ion Ratio Lower Upper
77 100
97 24.6 10.8 32.3





#27
 cis-1,2-Dichloroethene
 Concen: 68.673 ug/l
 RT: 4.489 min Scan# 558
 Delta R.T. 0.000 min
 Lab File: VX038996.D
 Acq: 21 Nov 2023 19:39

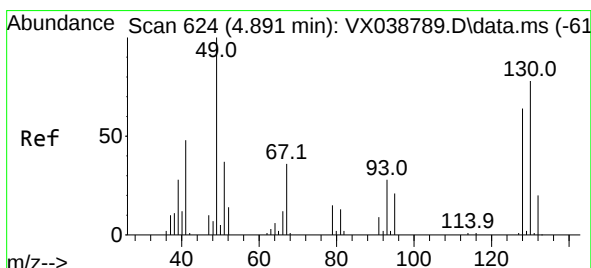
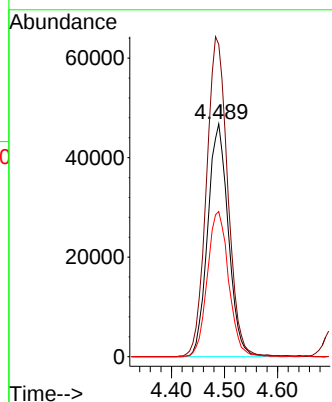
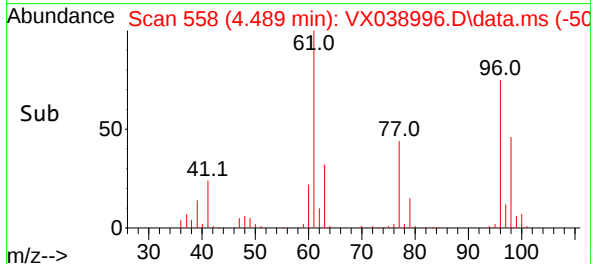
Instrument :
 MSVOA_X
 ClientSampleId :
 15BR-20231113MSD



Tgt Ion: 96 Resp: 126475
 Ion Ratio Lower Upper
 96 100
 61 141.8 0.0 312.2
 98 64.4 0.0 129.0

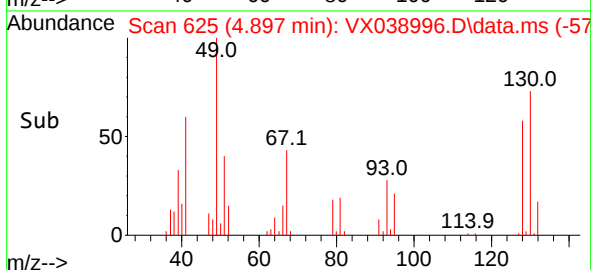
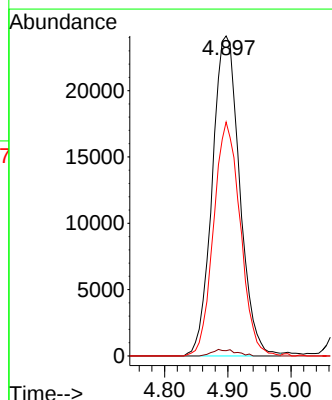
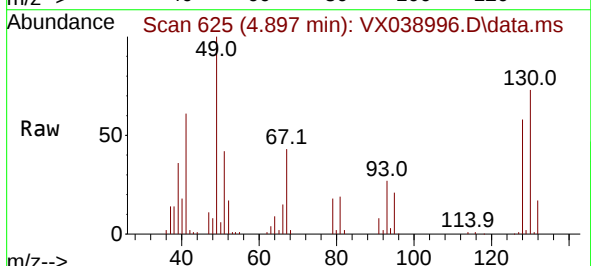
Manual Integrations
 APPROVED

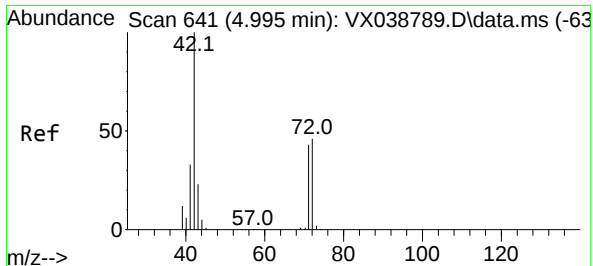
Reviewed By :John Carlone 11/22/2023
 Supervised By :Mahesh Dadoda 11/22/2023



#28
 Bromochloromethane
 Concen: 51.445 ug/l
 RT: 4.897 min Scan# 625
 Delta R.T. 0.006 min
 Lab File: VX038996.D
 Acq: 21 Nov 2023 19:39

Tgt Ion: 49 Resp: 72646
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 3.8
 130 71.0 57.5 86.3





#29

Tetrahydrofuran

Concen: 237.851 ug/l

RT: 4.995 min Scan# 641

Delta R.T. 0.000 min

Lab File: VX038996.D

Acq: 21 Nov 2023 19:39

Instrument :

MSVOA_X

ClientSampleId :

15BR-20231113MSD

Tgt Ion: 42 Resp: 24135

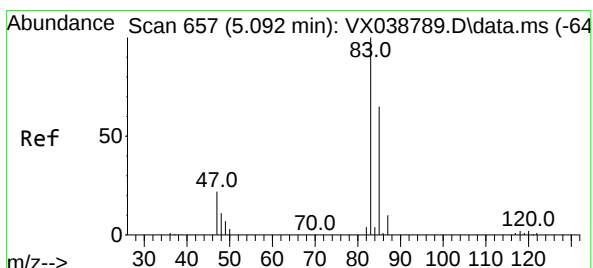
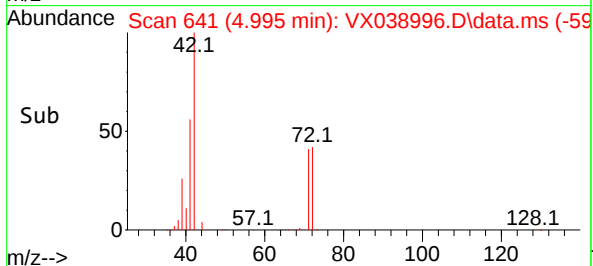
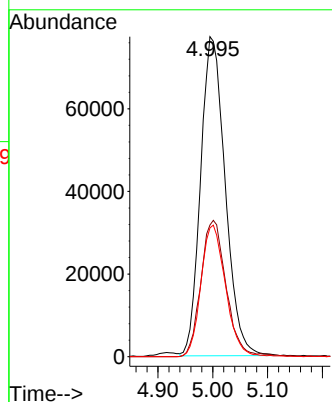
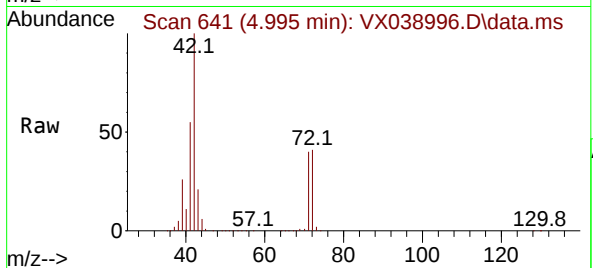
Ion	Ratio	Lower	Upper
42	100		
72	44.0	34.2	51.4
71	41.2	32.2	48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2023

Supervised By :Mahesh Dadoda 11/22/2023



#30

Chloroform

Concen: 48.311 ug/l

RT: 5.092 min Scan# 657

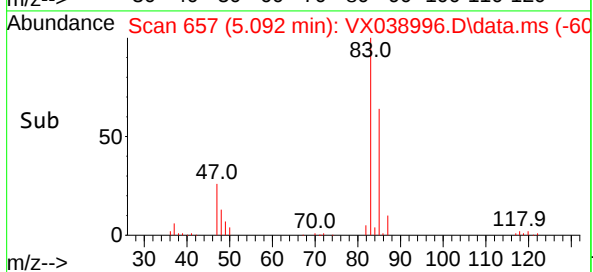
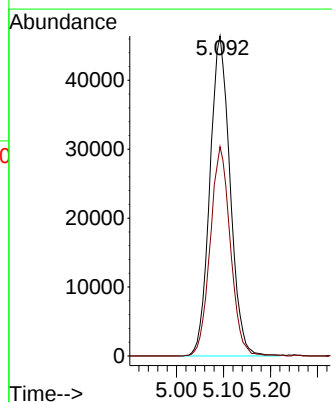
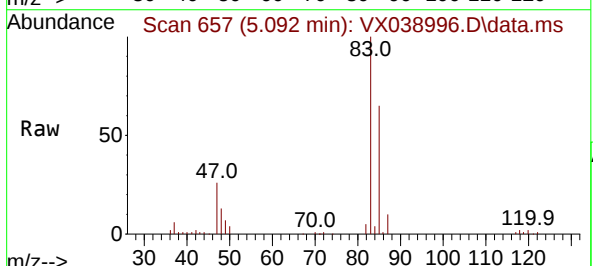
Delta R.T. 0.000 min

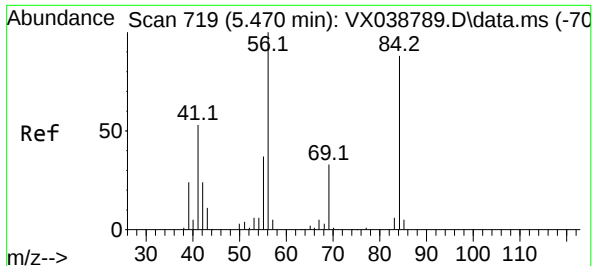
Lab File: VX038996.D

Acq: 21 Nov 2023 19:39

Tgt Ion: 83 Resp: 138748

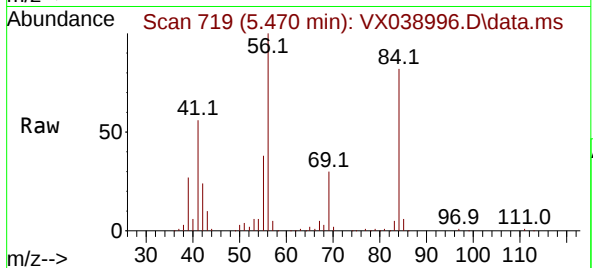
Ion	Ratio	Lower	Upper
83	100		
85	65.4	50.3	75.5





#31
Cyclohexane
Concen: 42.335 ug/l
RT: 5.470 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX038996.D
Acq: 21 Nov 2023 19:39

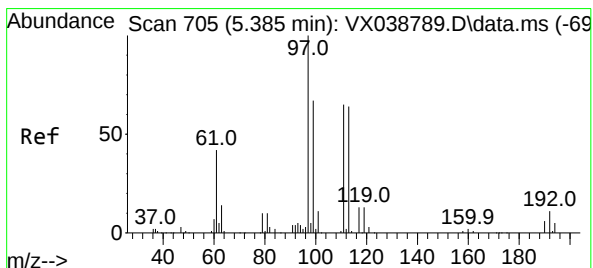
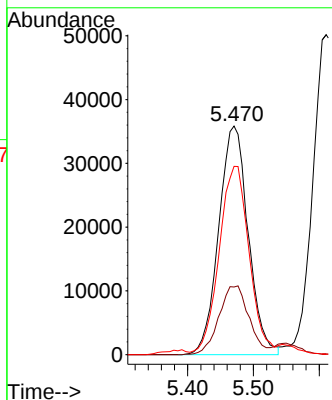
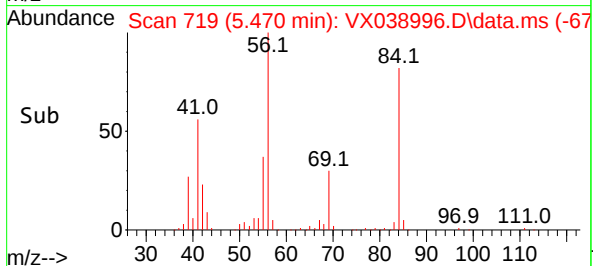
Instrument :
MSVOA_X
ClientSampleId :
15BR-20231113MSD



Tgt Ion: 56 Resp: 111890
Ion Ratio Lower Upper
56 100
69 29.6 23.4 35.2
84 80.7 65.9 98.9

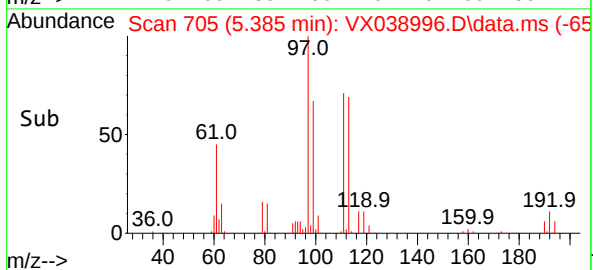
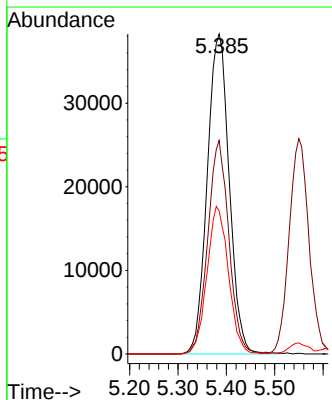
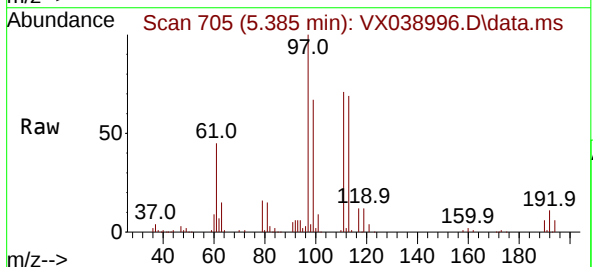
Manual Integrations
APPROVED

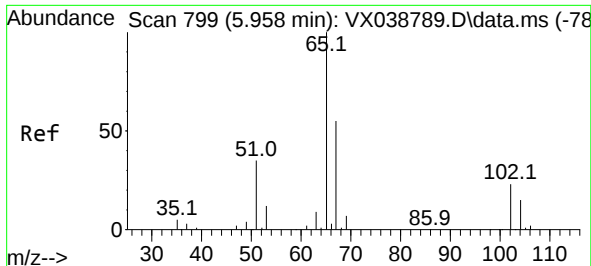
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023



#32
1,1,1-Trichloroethane
Concen: 48.589 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038996.D
Acq: 21 Nov 2023 19:39

Tgt Ion: 97 Resp: 120870
Ion Ratio Lower Upper
97 100
99 63.9 51.1 76.7
61 45.1 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 52.107 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX038996.D

Acq: 21 Nov 2023 19:39

Instrument :

MSVOA_X

ClientSampleId :

15BR-20231113MSD

Tgt Ion: 65 Resp: 96464

Ion Ratio Lower Upper

65 100

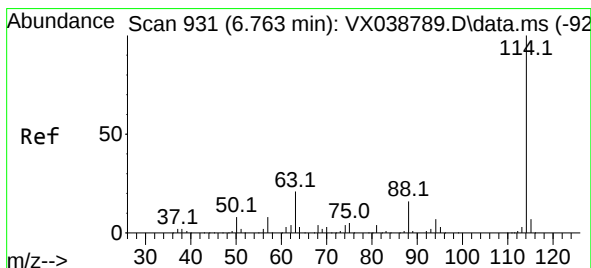
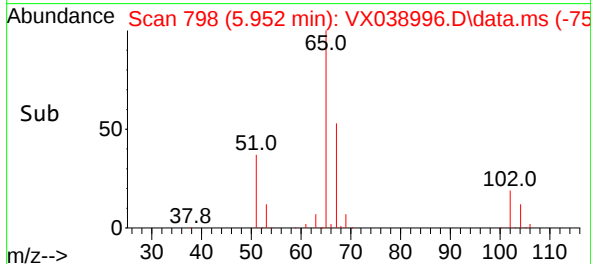
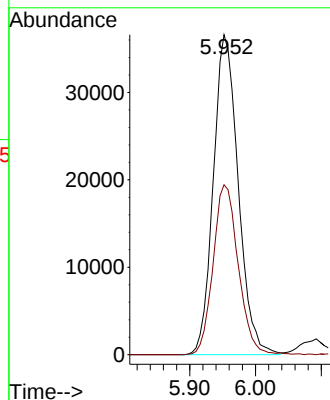
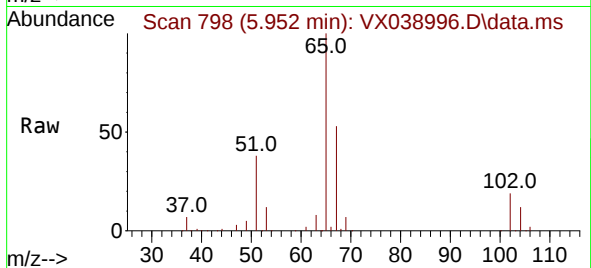
67 53.6 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2023

Supervised By :Mahesh Dadoda 11/22/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX038996.D

Acq: 21 Nov 2023 19:39

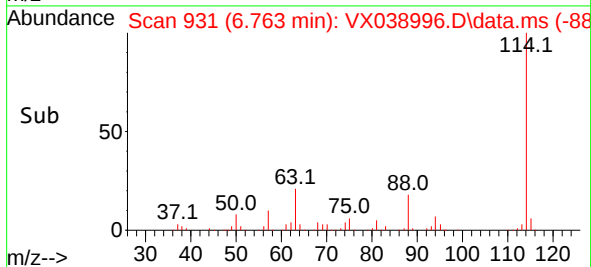
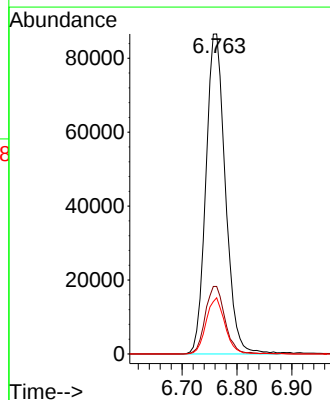
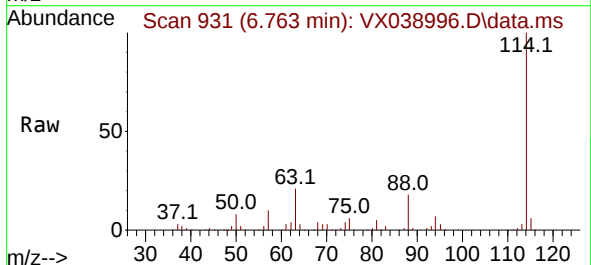
Tgt Ion:114 Resp: 213037

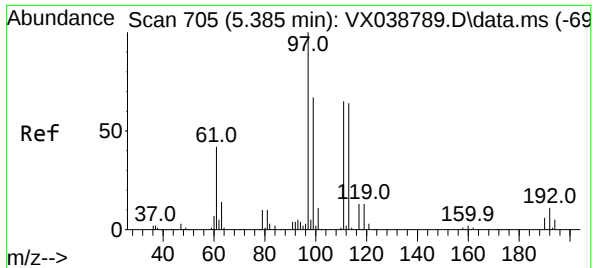
Ion Ratio Lower Upper

114 100

63 21.1 0.0 45.0

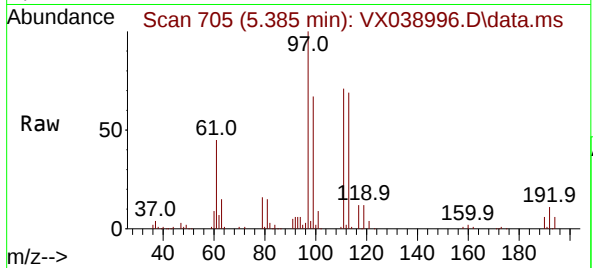
88 17.6 0.0 36.6





#35
Dibromofluoromethane
Concen: 49.438 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038996.D
Acq: 21 Nov 2023 19:39

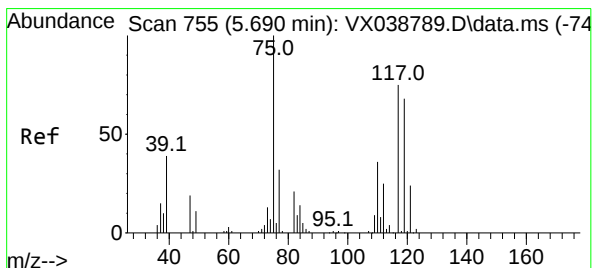
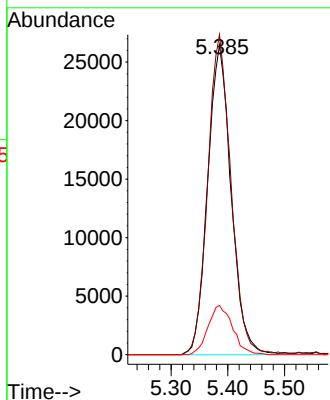
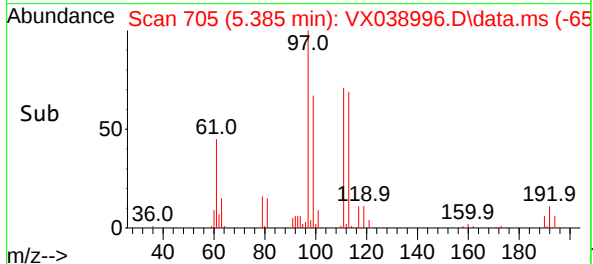
Instrument :
MSVOA_X
ClientSampleId :
15BR-20231113MSD



Tgt Ion: 113 Resp: 7606
Ion Ratio Lower Upper
113 100
111 102.3 82.9 124.3
192 16.6 13.3 19.9

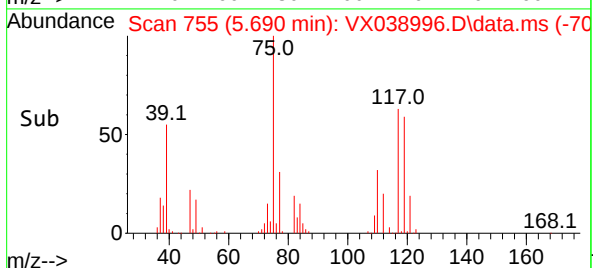
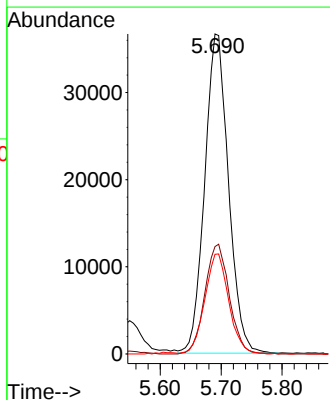
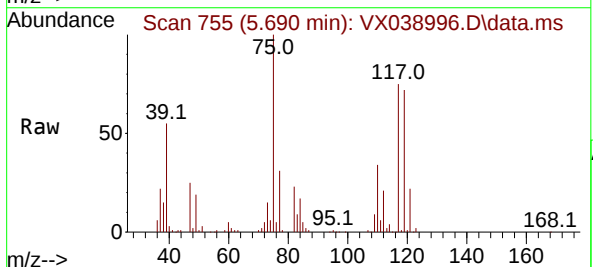
Manual Integrations
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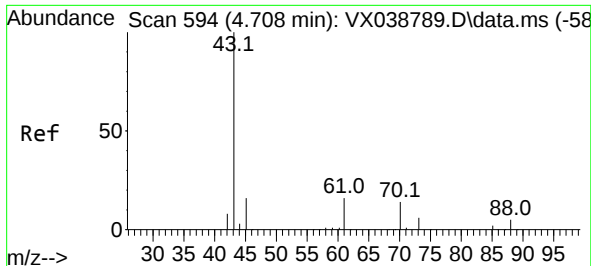
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023



#36
1,1-Dichloropropene
Concen: 45.042 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX038996.D
Acq: 21 Nov 2023 19:39

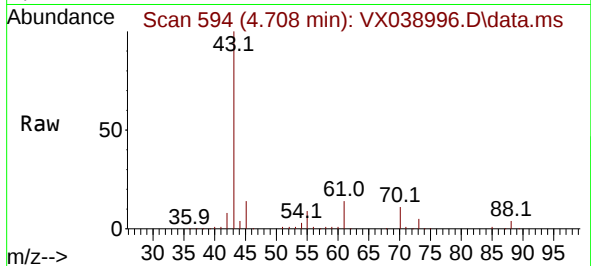
Tgt Ion: 75 Resp: 99326
Ion Ratio Lower Upper
75 100
110 35.3 17.0 50.9
77 31.6 24.7 37.1





#37
Ethyl Acetate
Concen: 46.818 ug/l
RT: 4.708 min Scan# 594
Delta R.T. 0.000 min
Lab File: VX038996.D
Acq: 21 Nov 2023 19:39

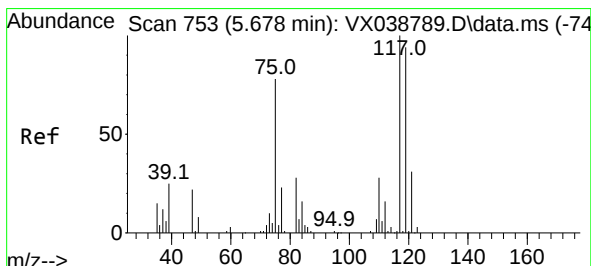
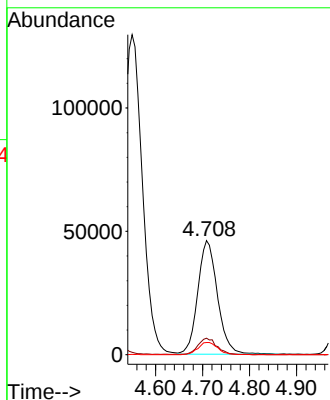
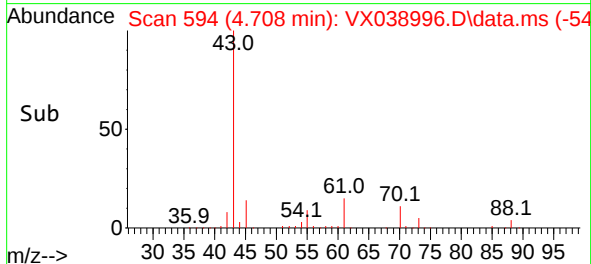
Instrument :
MSVOA_X
ClientSampleId :
15BR-20231113MSD



Tgt Ion: 43 Resp: 134509
Ion Ratio Lower Upper
43 100
61 14.2 10.6 16.0
70 10.7 8.3 12.5

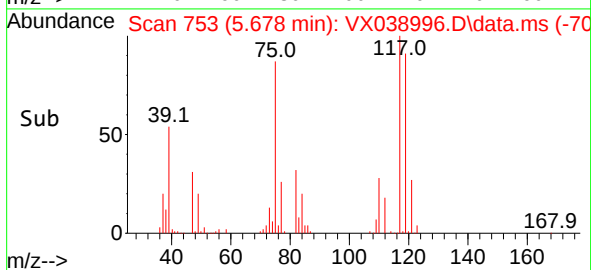
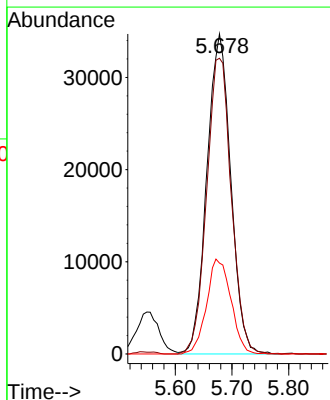
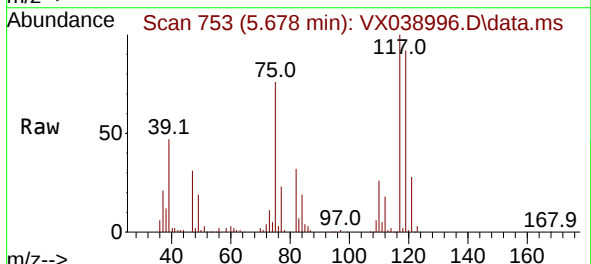
Manual Integrations
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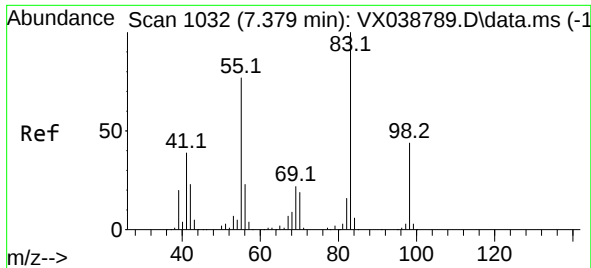
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023



#38
Carbon Tetrachloride
Concen: 49.934 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX038996.D
Acq: 21 Nov 2023 19:39

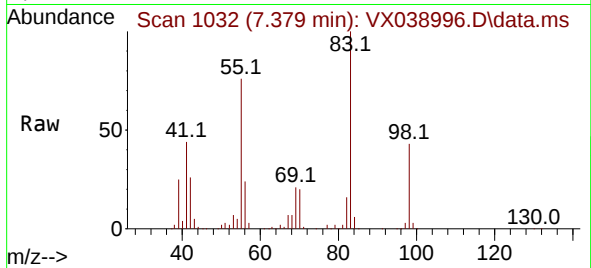
Tgt Ion:117 Resp: 101770
Ion Ratio Lower Upper
117 100
119 92.4 78.2 117.2
121 28.4 24.4 36.6





#39
Methylcyclohexane
Concen: 40.537 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX038996.D
Acq: 21 Nov 2023 19:39

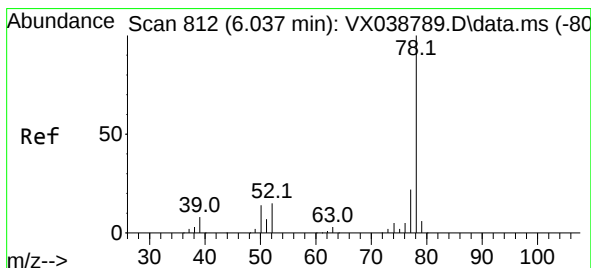
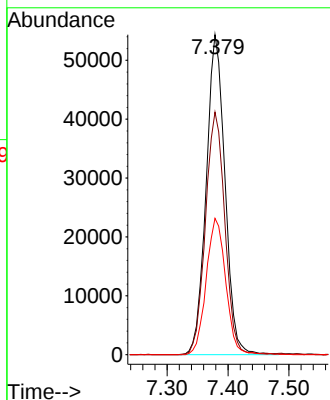
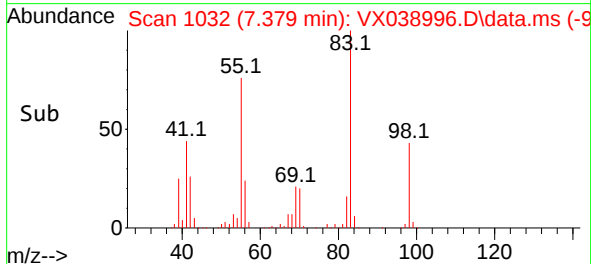
Instrument :
MSVOA_X
ClientSampleId :
15BR-20231113MSD



Tgt Ion: 83 Resp: 116600
Ion Ratio Lower Upper
83 100
55 75.8 64.6 97.0
98 42.6 36.7 55.1

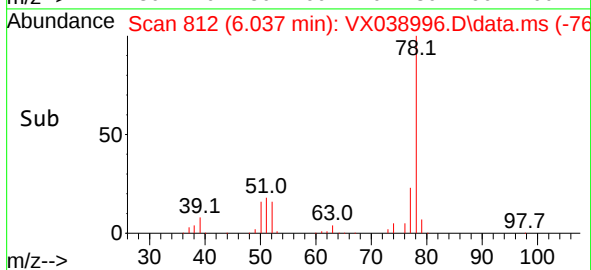
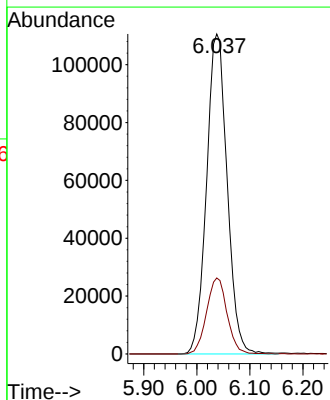
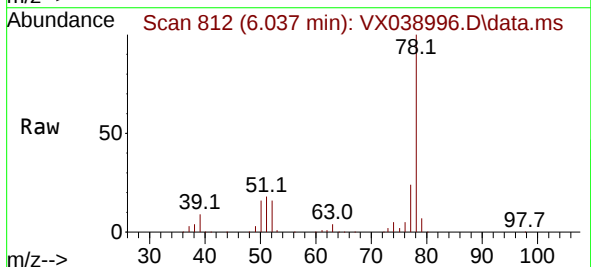
Manual Integrations
APPROVED

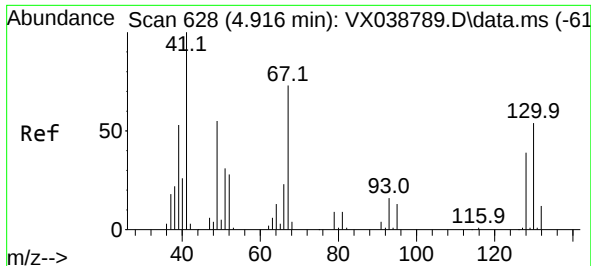
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023



#40
Benzene
Concen: 45.640 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX038996.D
Acq: 21 Nov 2023 19:39

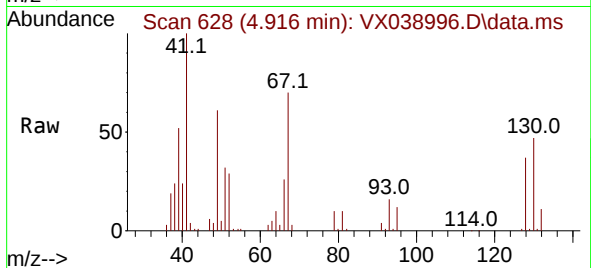
Tgt Ion: 78 Resp: 297673
Ion Ratio Lower Upper
78 100
77 23.8 19.3 28.9





#41
Methacrylonitrile
Concen: 49.394 ug/l
RT: 4.916 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX038996.D
Acq: 21 Nov 2023 19:39

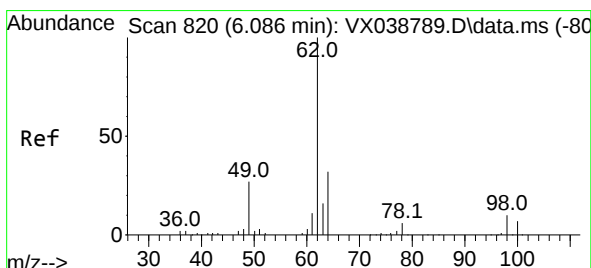
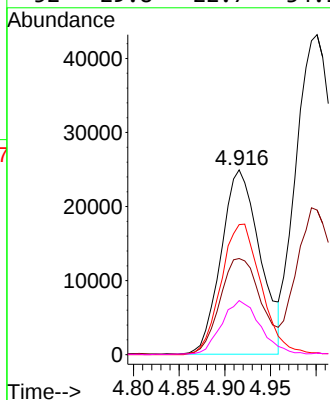
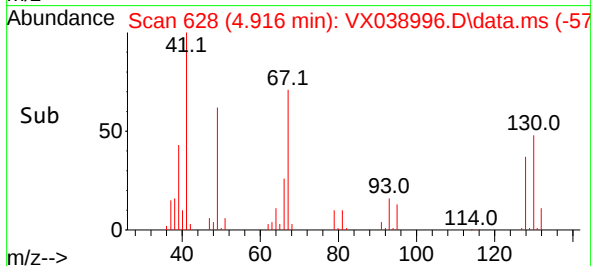
Instrument :
MSVOA_X
ClientSampleId :
15BR-20231113MSD



Tgt Ion: 41 Resp: 7360
Ion Ratio Lower Upper
41 100
39 55.3 45.2 67.8
67 73.1 52.6 78.8
52 29.8 22.7 34.1

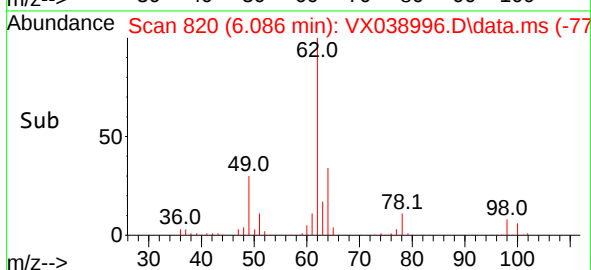
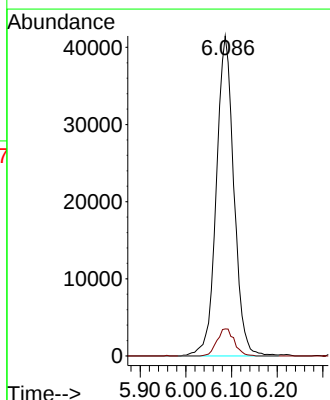
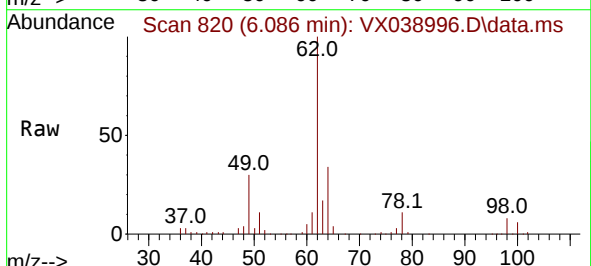
Manual Integrations
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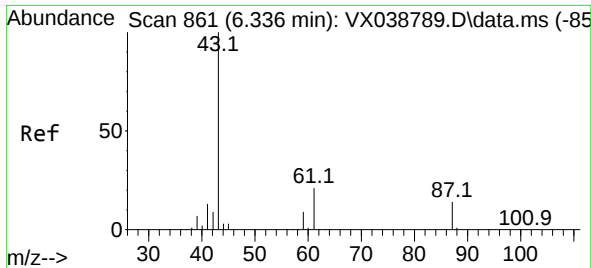
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023



#42
1,2-Dichloroethane
Concen: 51.330 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX038996.D
Acq: 21 Nov 2023 19:39

Tgt Ion: 62 Resp: 110921
Ion Ratio Lower Upper
62 100
98 8.4 0.0 16.0





#43

Isopropyl Acetate

Concen: 47.501 ug/l

RT: 6.336 min Scan# 80

Delta R.T. 0.000 min

Lab File: VX038996.D

Acq: 21 Nov 2023 19:39

Instrument :

MSVOA_X

ClientSampleId :

15BR-20231113MSD

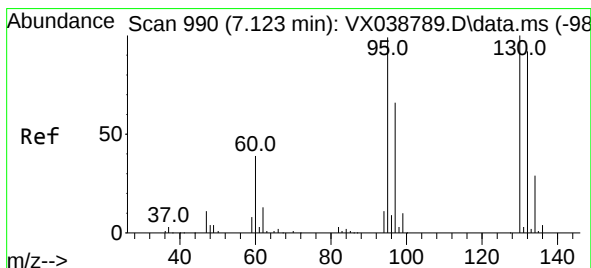
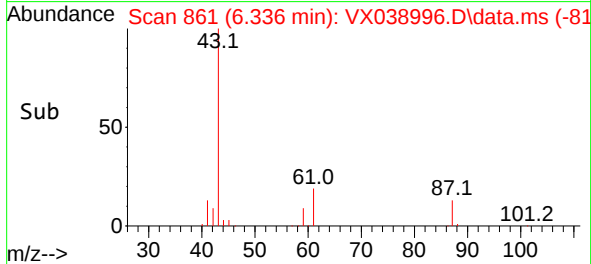
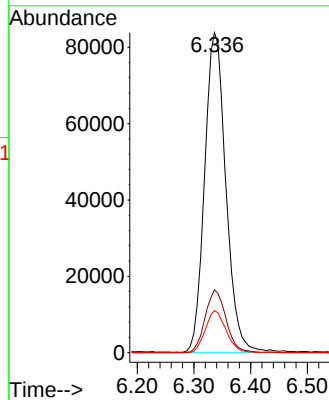
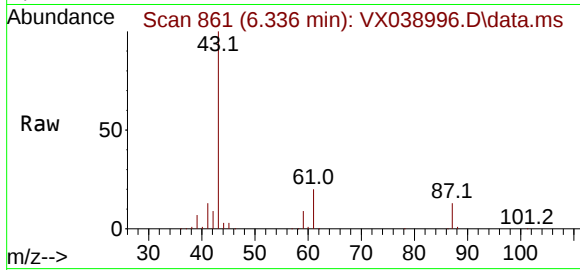
Tgt Ion:	43	Resp:	21810
Ion Ratio	Lower	Upper	
43	100		
61	19.3	15.2	22.8
87	12.8	9.8	14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2023

Supervised By :Mahesh Dadoda 11/22/2023



#44

Trichloroethene

Concen: 81.483 ug/l

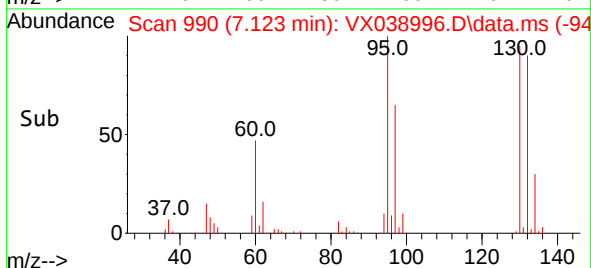
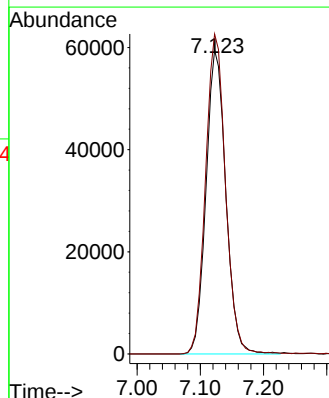
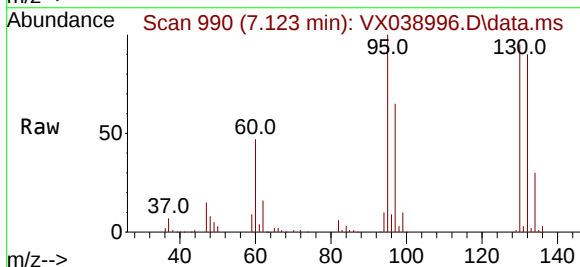
RT: 7.123 min Scan# 990

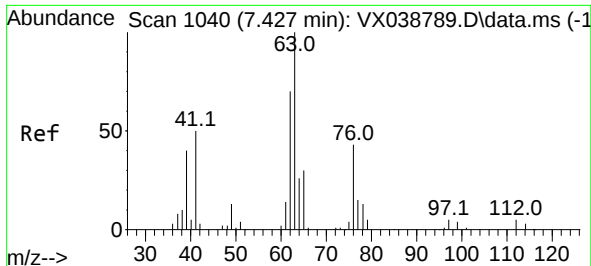
Delta R.T. 0.000 min

Lab File: VX038996.D

Acq: 21 Nov 2023 19:39

Tgt Ion:	130	Resp:	129360
Ion Ratio	Lower	Upper	
130	100		
95	105.3	0.0	204.4





#45

1,2-Dichloropropane

Concen: 46.913 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX038996.D

Acq: 21 Nov 2023 19:39

Instrument :

MSVOA_X

ClientSampleId :

15BR-20231113MSD

Tgt Ion: 63 Resp: 8234

Ion Ratio Lower Upper

63 100

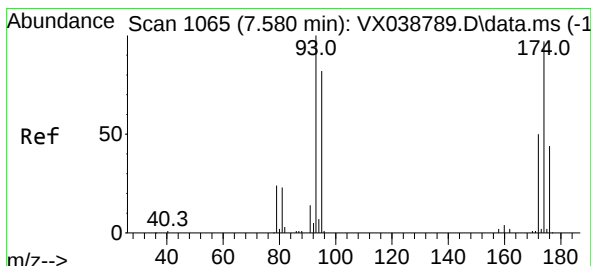
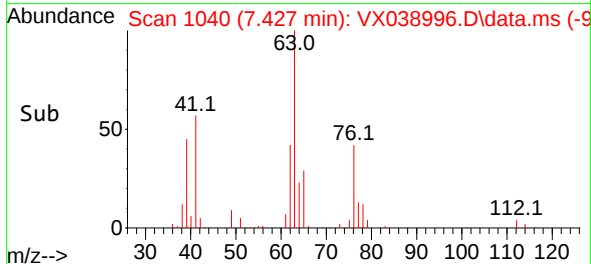
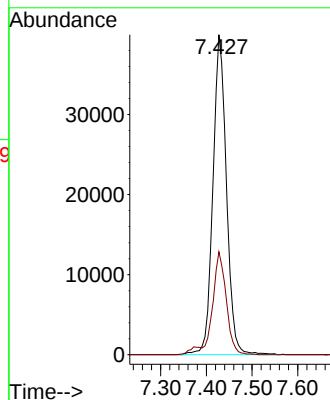
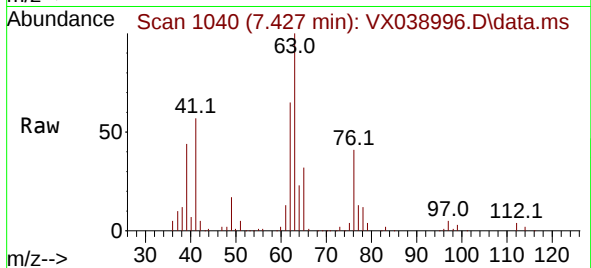
65 32.2 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2023

Supervised By :Mahesh Dadoda 11/22/2023



#46

Dibromomethane

Concen: 48.668 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX038996.D

Acq: 21 Nov 2023 19:39

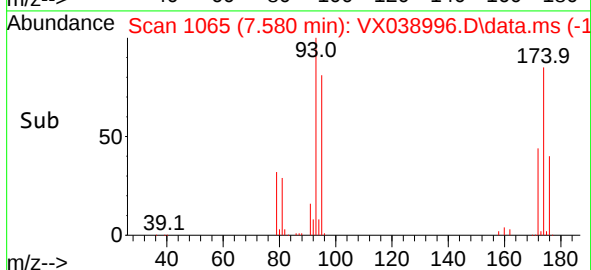
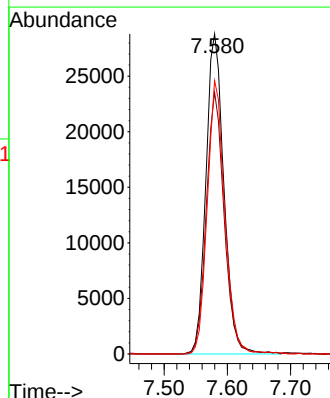
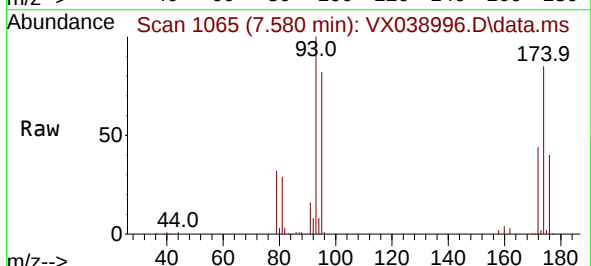
Tgt Ion: 93 Resp: 56965

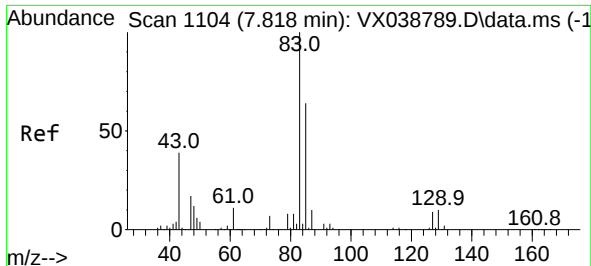
Ion Ratio Lower Upper

93 100

95 81.8 66.6 100.0

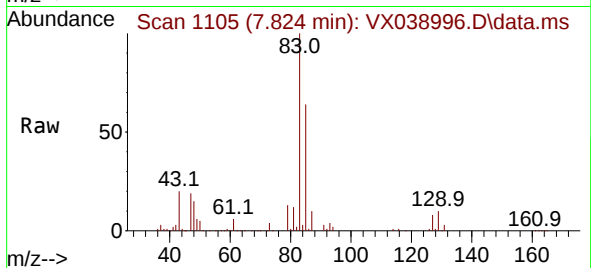
174 83.4 69.4 104.0





#47
Bromodichloromethane
Concen: 47.996 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX038996.D
Acq: 21 Nov 2023 19:39

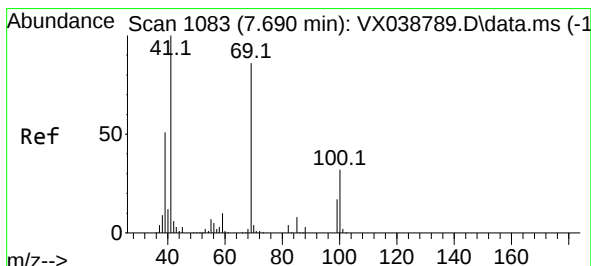
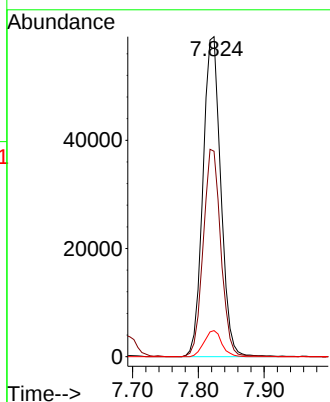
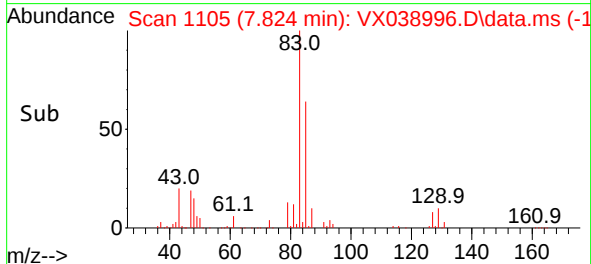
Instrument :
MSVOA_X
ClientSampleId :
15BR-20231113MSD



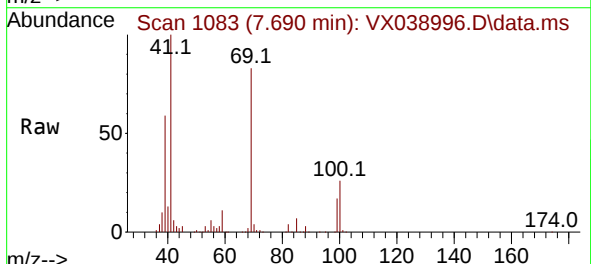
Tgt Ion: 83 Resp: 11150
Ion Ratio Lower Upper
83 100
85 64.2 49.8 74.6
127 8.1 7.1 10.7

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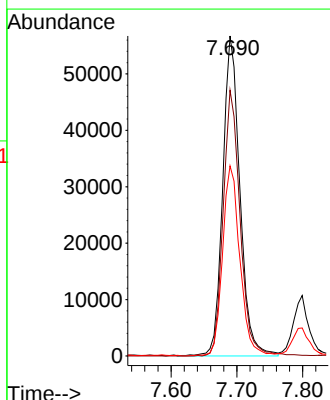
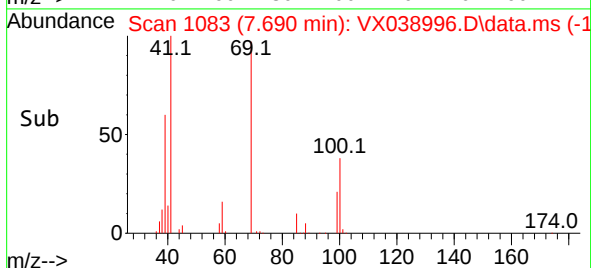
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023

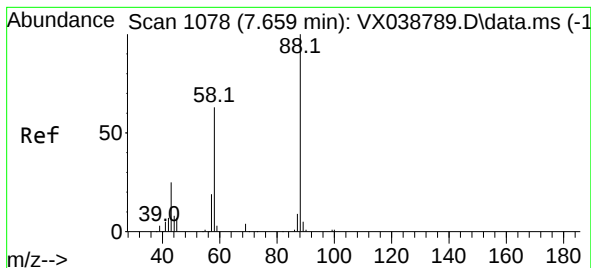


#48
Methyl methacrylate
Concen: 46.347 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX038996.D
Acq: 21 Nov 2023 19:39



Tgt Ion: 41 Resp: 103250
Ion Ratio Lower Upper
41 100
69 82.1 59.2 88.8
39 59.9 47.7 71.5





#49

1,4-Dioxane

Concen: 901.074 ug/l

RT: 7.659 min Scan# 1078

Delta R.T. 0.000 min

Lab File: VX038996.D

Acq: 21 Nov 2023 19:39

Instrument :

MSVOA_X

ClientSampleId :

15BR-20231113MSD

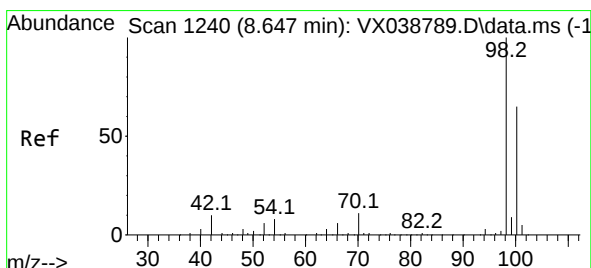
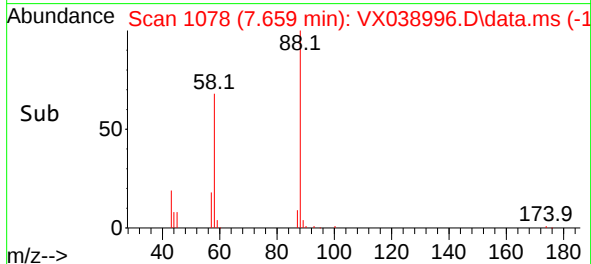
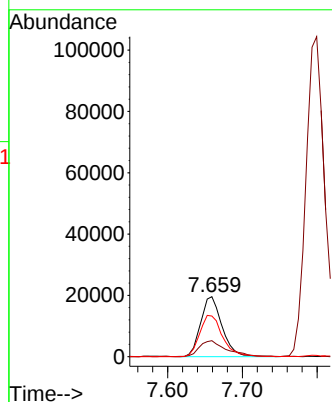
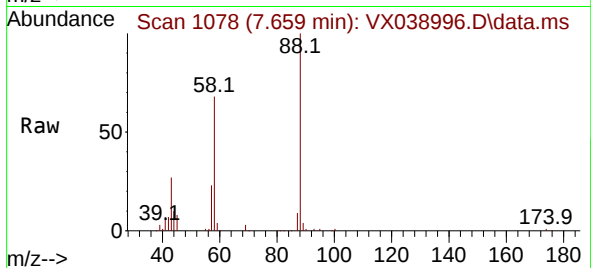
Tgt Ion: 88 Resp: 38835
 Ion Ratio Lower Upper
 88 100
 43 32.8 0.0 0.0
 58 73.9 60.1 90.1

Manual Integrations

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Reviewed By :John Carlone 11/22/2023

Supervised By :Mahesh Dadoda 11/22/2023



#50

Toluene-d8

Concen: 48.204 ug/l

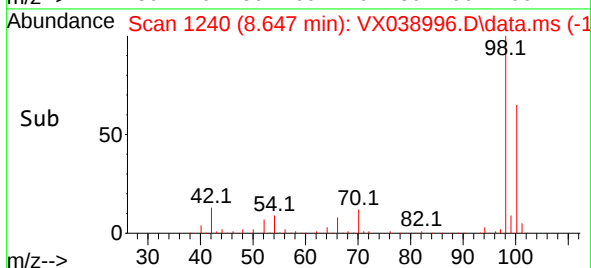
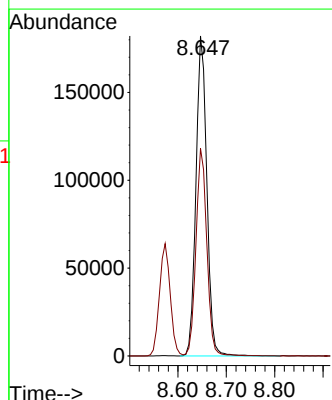
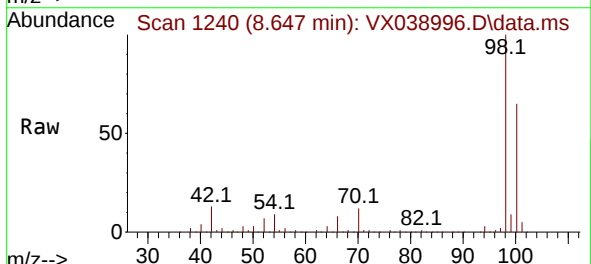
RT: 8.647 min Scan# 1240

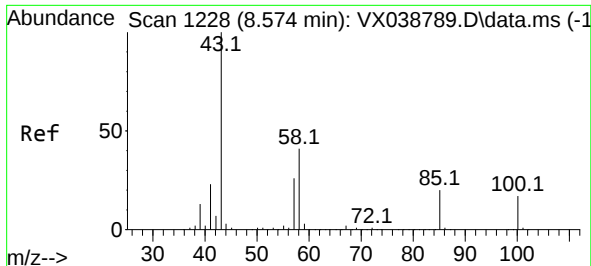
Delta R.T. 0.000 min

Lab File: VX038996.D

Acq: 21 Nov 2023 19:39

Tgt Ion: 98 Resp: 283767
 Ion Ratio Lower Upper
 98 100
 100 64.6 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 245.633 ug/l

RT: 8.574 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VX038996.D

Acq: 21 Nov 2023 19:39

Instrument :

MSVOA_X

ClientSampleId :

15BR-20231113MSD

Tgt Ion: 43 Resp: 720740

Ion Ratio Lower Upper

43 100

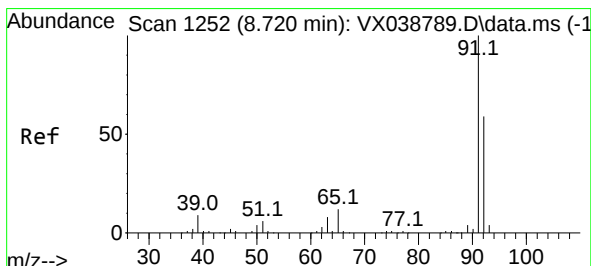
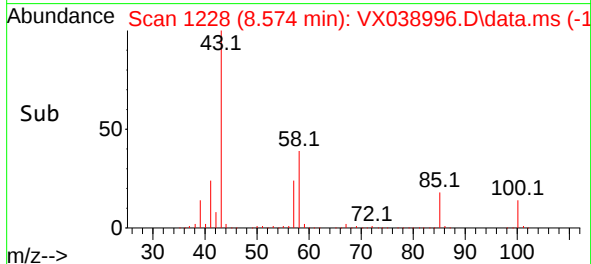
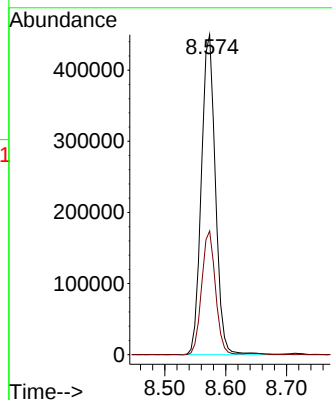
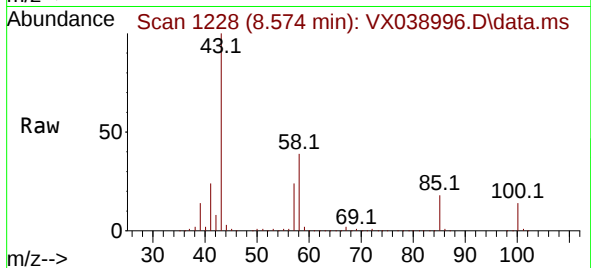
58 38.1 30.4 45.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2023

Supervised By :Mahesh Dadoda 11/22/2023



#52

Toluene

Concen: 46.439 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX038996.D

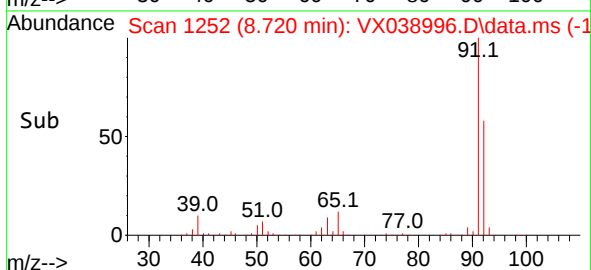
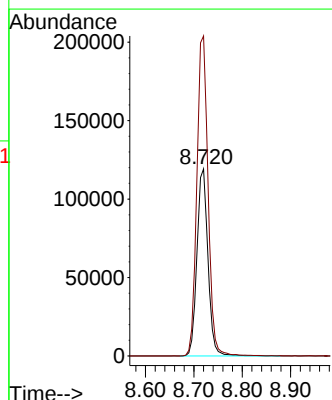
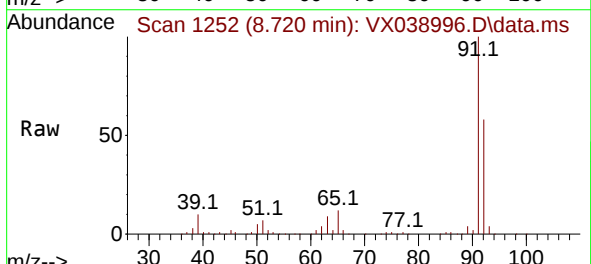
Acq: 21 Nov 2023 19:39

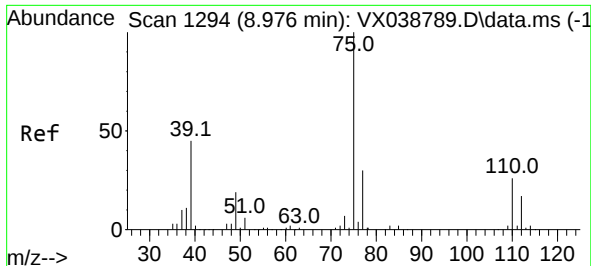
Tgt Ion: 92 Resp: 187958

Ion Ratio Lower Upper

92 100

91 174.4 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 46.293 ug/l

RT: 8.976 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX038996.D

Acq: 21 Nov 2023 19:39

Instrument :

MSVOA_X

ClientSampleId :

15BR-20231113MSD

Tgt Ion: 75 Resp: 127804

Ion Ratio Lower Upper

75 100

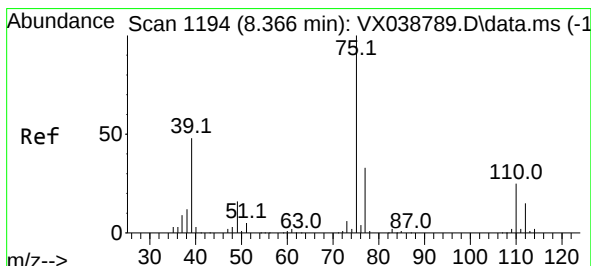
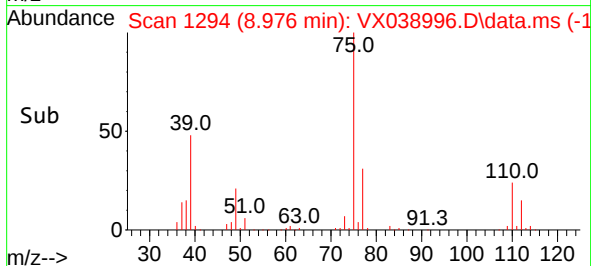
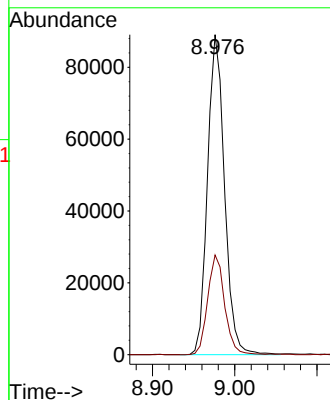
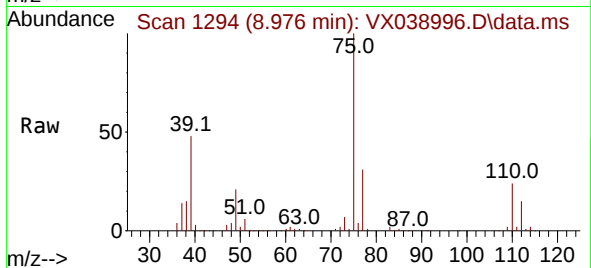
77 31.1 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2023

Supervised By :Mahesh Dadoda 11/22/2023



#54

cis-1,3-Dichloropropene

Concen: 46.757 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX038996.D

Acq: 21 Nov 2023 19:39

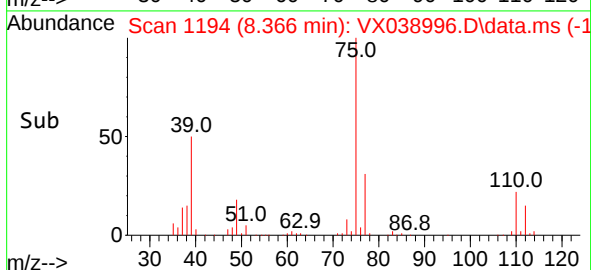
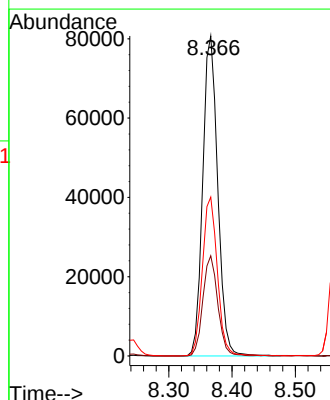
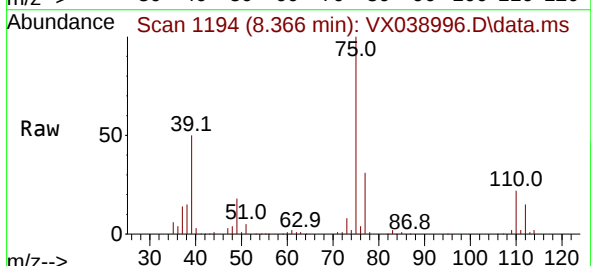
Tgt Ion: 75 Resp: 133339

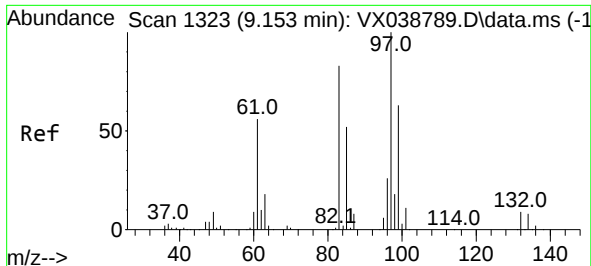
Ion Ratio Lower Upper

75 100

77 31.3 25.3 37.9

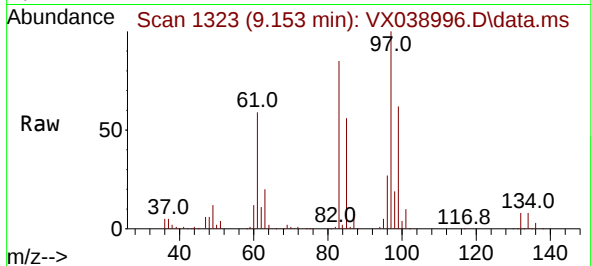
39 49.6 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 47.459 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX038996.D
Acq: 21 Nov 2023 19:39

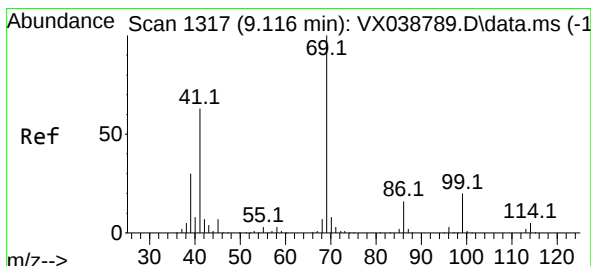
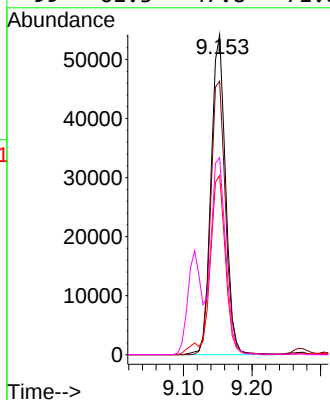
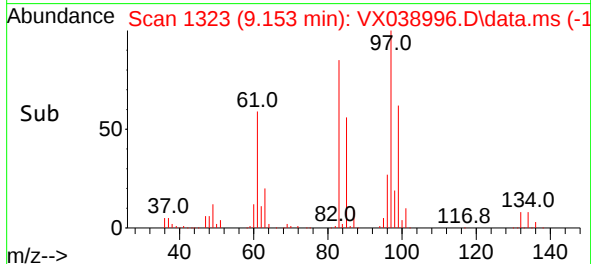
Instrument :
MSVOA_X
ClientSampleId :
15BR-20231113MSD



Tgt Ion	Ratio	Lower	Upper
97	100		
83	85.5	65.8	98.8
85	56.0	41.6	62.4
99	61.3	47.8	71.8

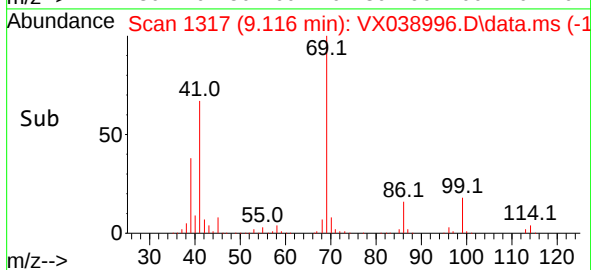
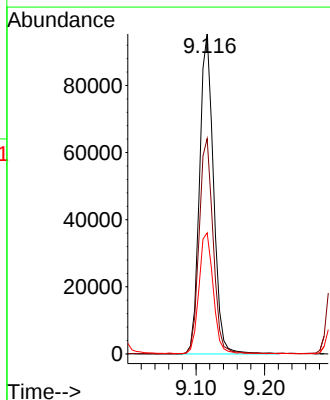
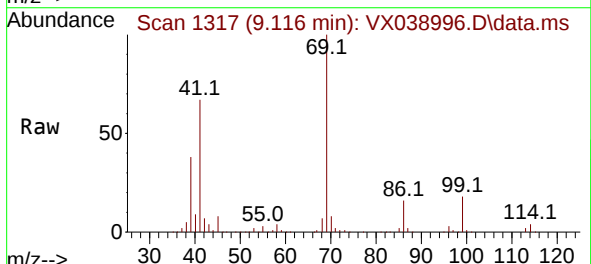
Manual Integrations
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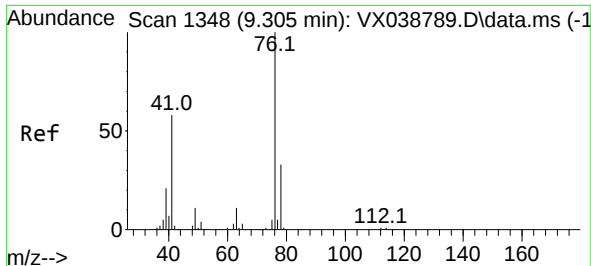
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023



#56
Ethyl methacrylate
Concen: 47.399 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX038996.D
Acq: 21 Nov 2023 19:39

Tgt Ion	Ratio	Lower	Upper
69	100		
41	67.4	56.8	85.2
39	38.7	32.0	48.0





#57

1,3-Dichloropropane

Concen: 47.969 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX038996.D

Acq: 21 Nov 2023 19:39

Instrument :

MSVOA_X

ClientSampleId :

15BR-20231113MSD

Tgt Ion: 76 Resp: 13397

Ion Ratio Lower Upper

76 100

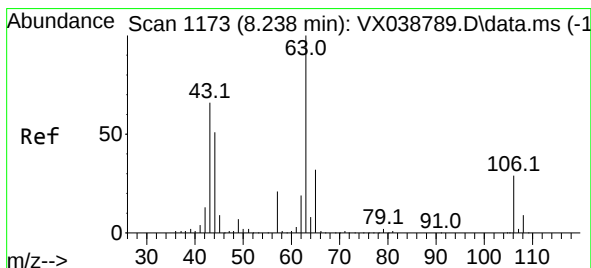
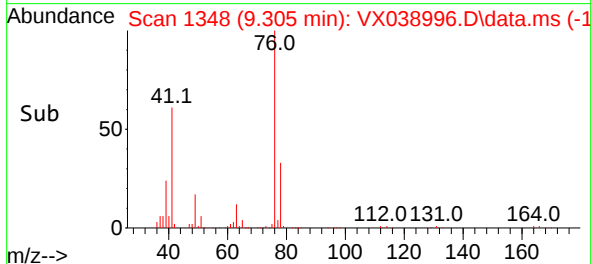
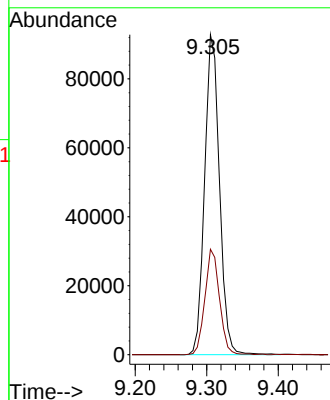
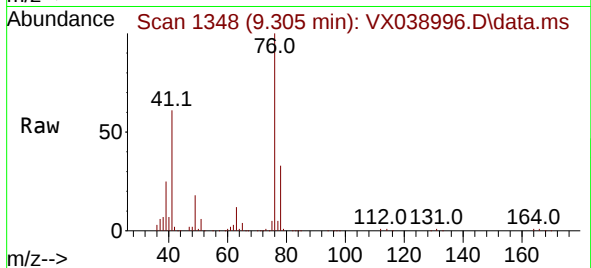
78 32.4 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2023

Supervised By :Mahesh Dadoda 11/22/2023



#58

2-Chloroethyl Vinyl ether

Concen: 234.422 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX038996.D

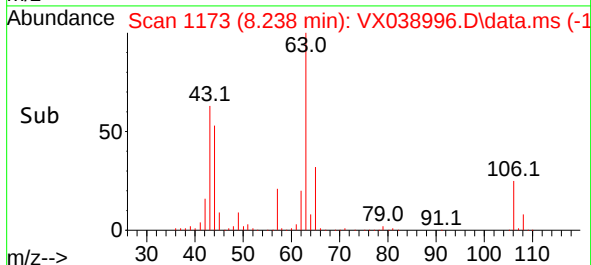
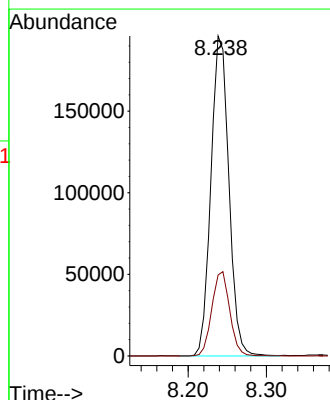
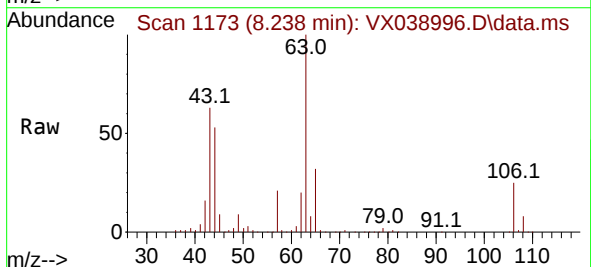
Acq: 21 Nov 2023 19:39

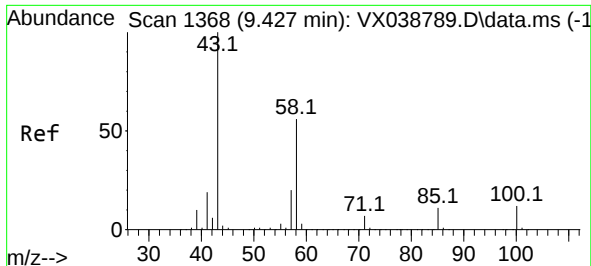
Tgt Ion: 63 Resp: 312036

Ion Ratio Lower Upper

63 100

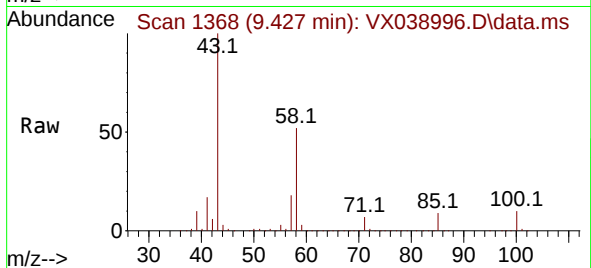
106 26.2 22.5 33.7





#59
2-Hexanone
Concen: 239.700 ug/l
RT: 9.427 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038996.D
Acq: 21 Nov 2023 19:39

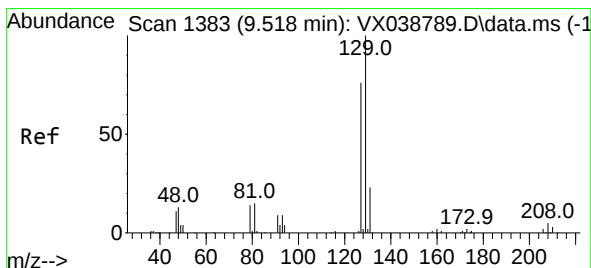
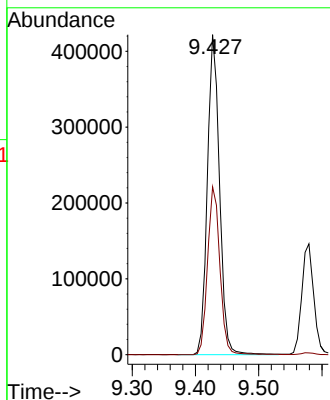
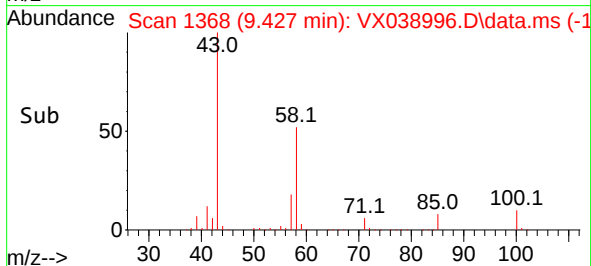
Instrument :
MSVOA_X
ClientSampleId :
15BR-20231113MSD



Tgt Ion: 43 Resp: 563739
Ion Ratio Lower Upper
43 100
58 53.3 26.2 78.5

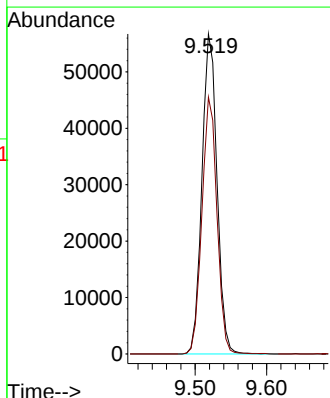
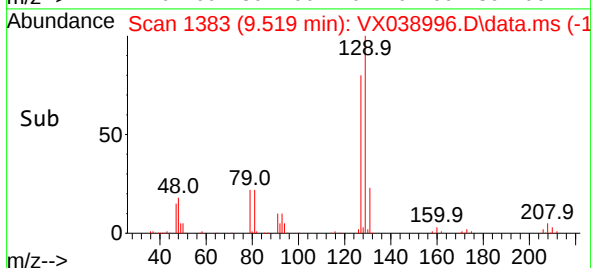
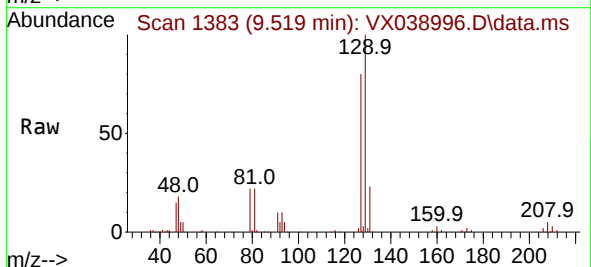
Manual Integrations
APPROVED

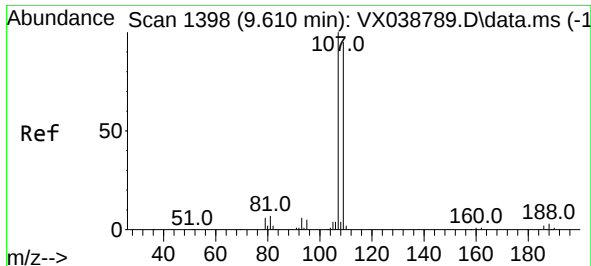
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023



#60
Dibromochloromethane
Concen: 48.339 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX038996.D
Acq: 21 Nov 2023 19:39

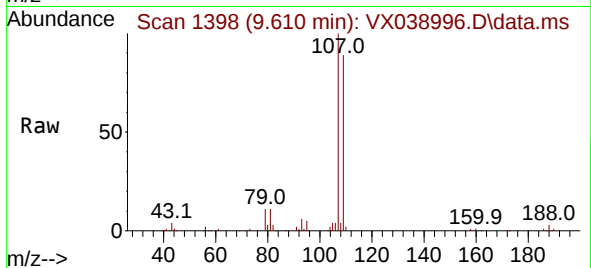
Tgt Ion:129 Resp: 83005
Ion Ratio Lower Upper
129 100
127 80.1 38.8 116.4





#61
1,2-Dibromoethane
Concen: 48.028 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX038996.D
Acq: 21 Nov 2023 19:39

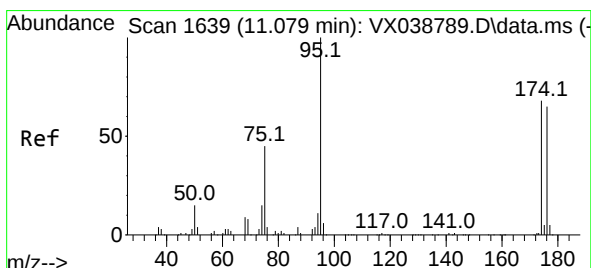
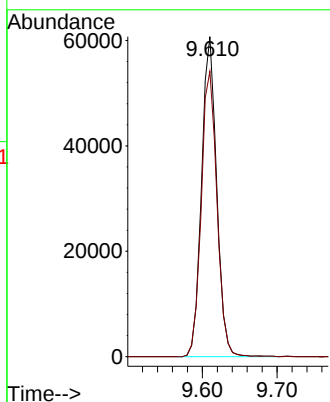
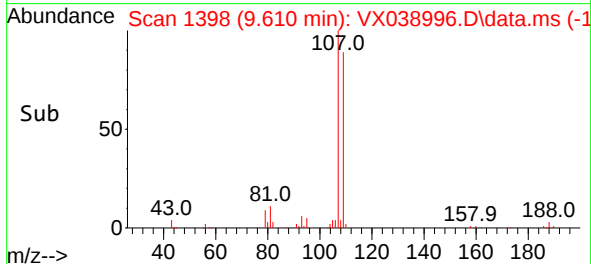
Instrument :
MSVOA_X
ClientSampleId :
15BR-20231113MSD



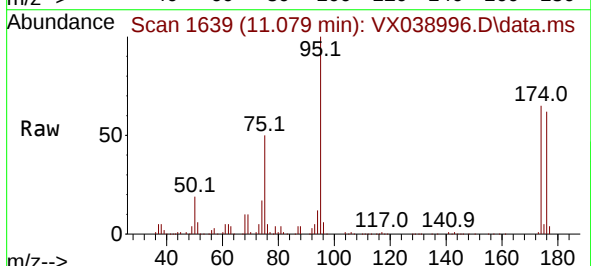
Tgt Ion:107 Resp: 85112
Ion Ratio Lower Upper
107 100
109 92.7 75.2 112.8

Manual Integrations
APPROVED

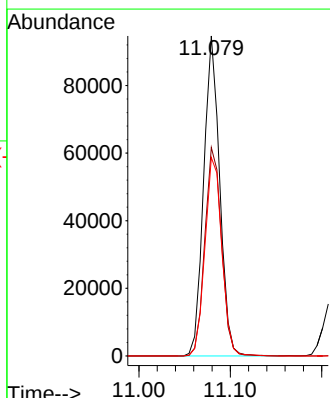
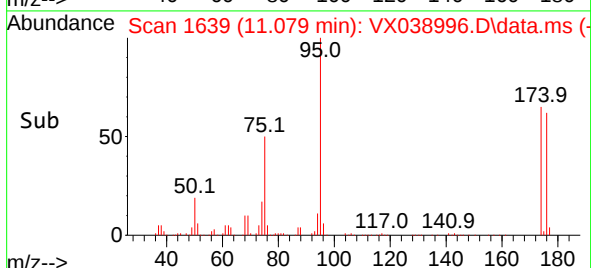
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023

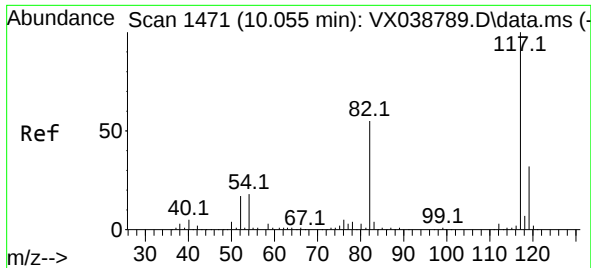


#62
4-Bromofluorobenzene
Concen: 48.782 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038996.D
Acq: 21 Nov 2023 19:39



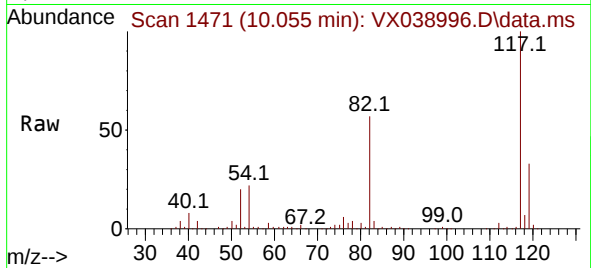
Tgt Ion: 95 Resp: 114956
Ion Ratio Lower Upper
95 100
174 67.9 0.0 135.6
176 65.4 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038996.D
Acq: 21 Nov 2023 19:39

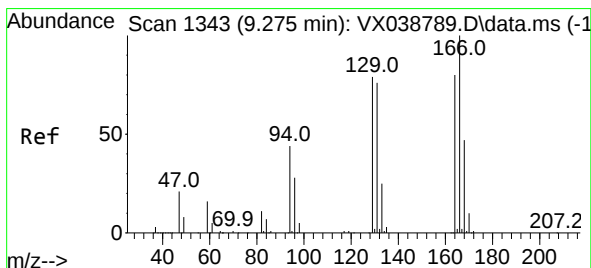
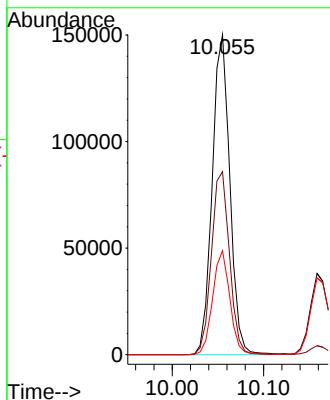
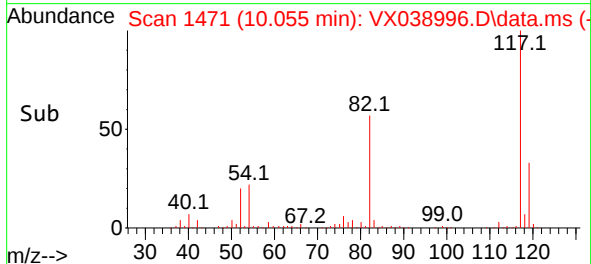
Instrument :
MSVOA_X
ClientSampleId :
15BR-20231113MSD



Tgt Ion:117 Resp: 200700
Ion Ratio Lower Upper
117 100
82 57.2 46.2 69.4
119 32.5 25.5 38.3

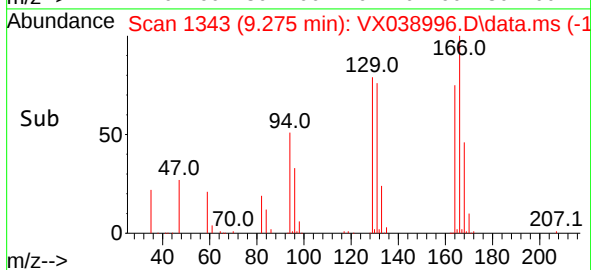
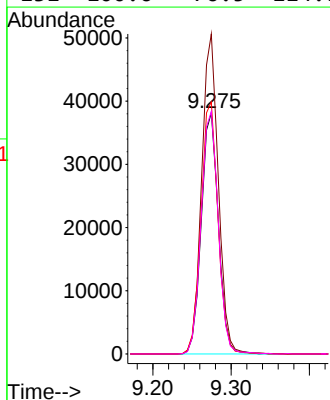
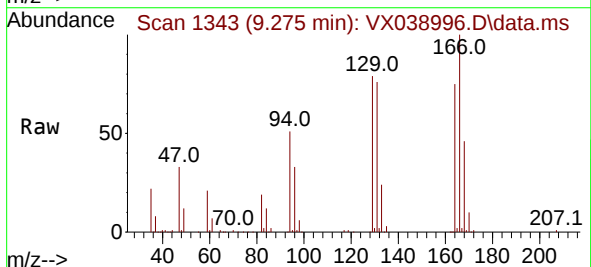
Manual Integrations
APPROVED

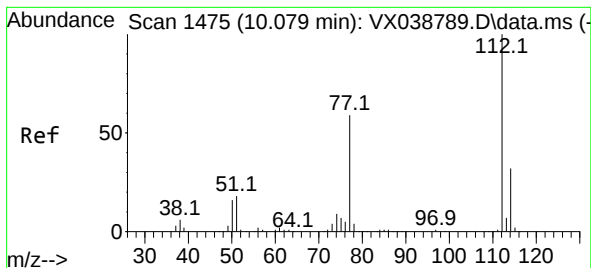
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023



#64
Tetrachloroethene
Concen: 46.136 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX038996.D
Acq: 21 Nov 2023 19:39

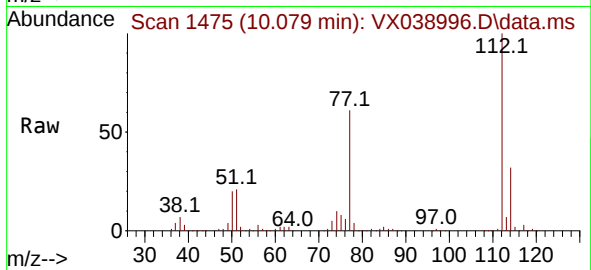
Tgt Ion:164 Resp: 57557
Ion Ratio Lower Upper
164 100
166 132.7 102.7 154.1
129 104.6 80.4 120.6
131 100.6 76.5 114.7





#65
Chlorobenzene
Concen: 46.354 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX038996.D
Acq: 21 Nov 2023 19:39

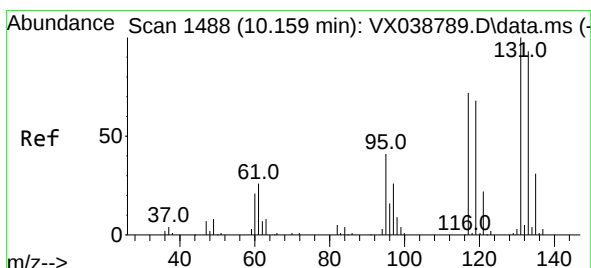
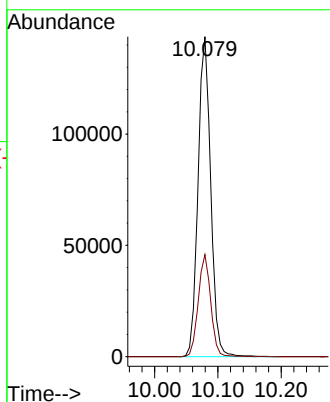
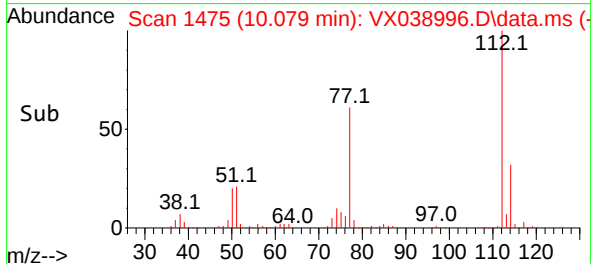
Instrument :
MSVOA_X
ClientSampleId :
15BR-20231113MSD



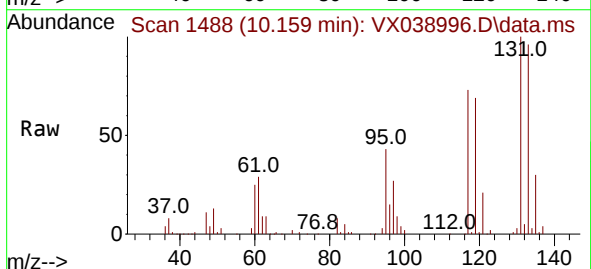
Tgt Ion:112 Resp: 200410
Ion Ratio Lower Upper
112 100
114 31.9 25.7 38.5

Manual Integrations
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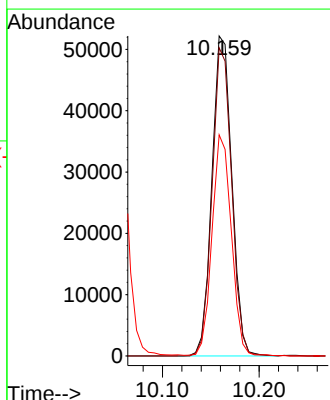
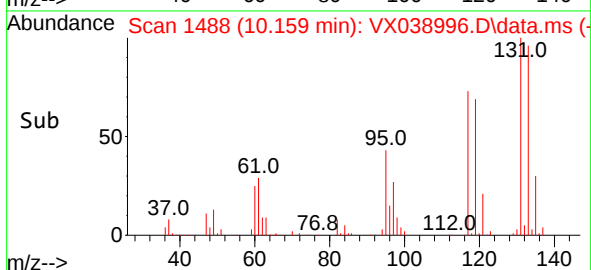
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023

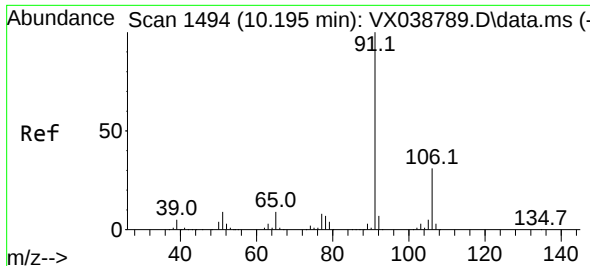


#66
1,1,1,2-Tetrachloroethane
Concen: 47.992 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX038996.D
Acq: 21 Nov 2023 19:39



Tgt Ion:131 Resp: 74638
Ion Ratio Lower Upper
131 100
133 94.4 47.1 141.4
119 67.2 32.2 96.6





#67

Ethyl Benzene

Concen: 46.937 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX038996.D

Acq: 21 Nov 2023 19:39

Instrument :

MSVOA_X

ClientSampleId :

15BR-20231113MSD

Tgt Ion: 91 Resp: 372832

Ion Ratio Lower Upper

91 100

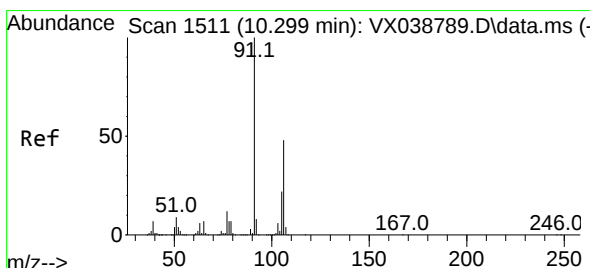
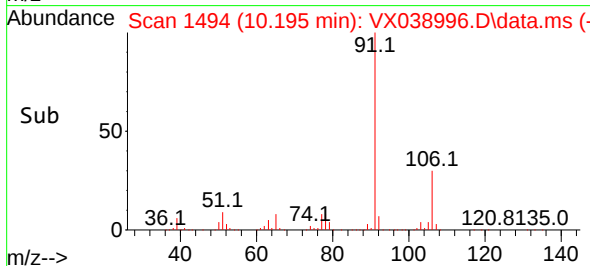
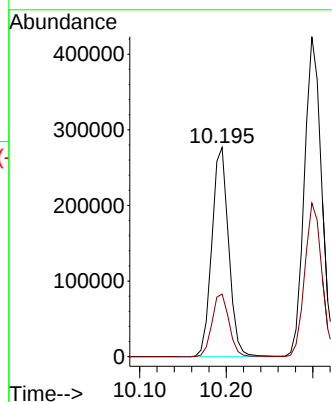
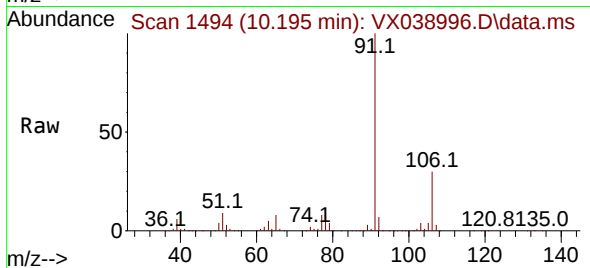
106 29.9 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2023

Supervised By :Mahesh Dadoda 11/22/2023



#68

m/p-Xylenes

Concen: 92.929 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX038996.D

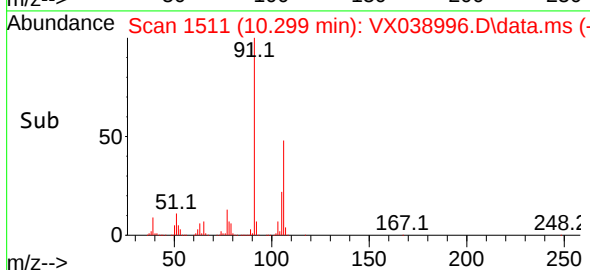
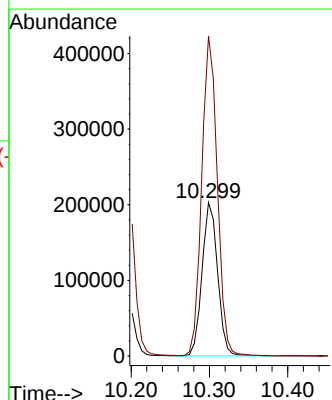
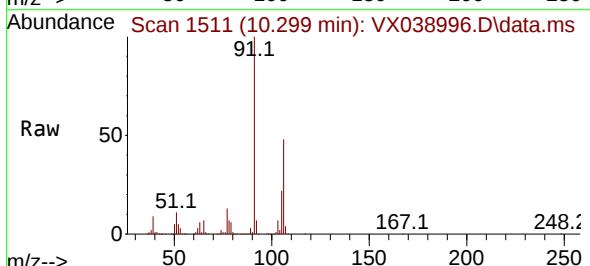
Acq: 21 Nov 2023 19:39

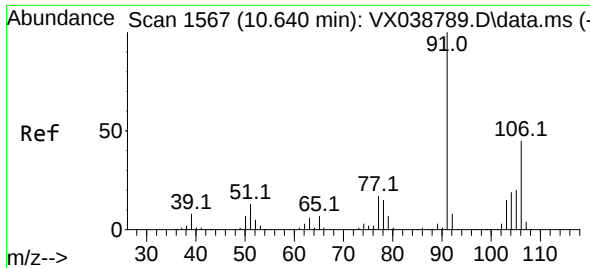
Tgt Ion:106 Resp: 279229

Ion Ratio Lower Upper

106 100

91 209.2 165.5 248.3





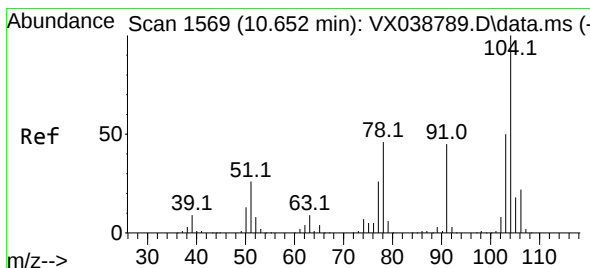
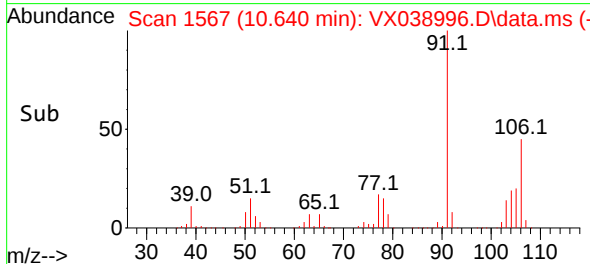
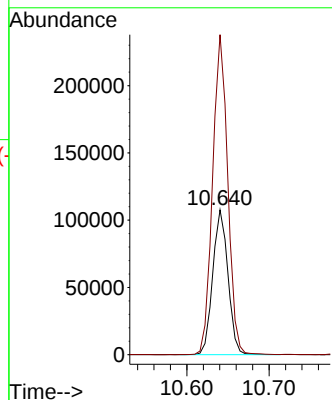
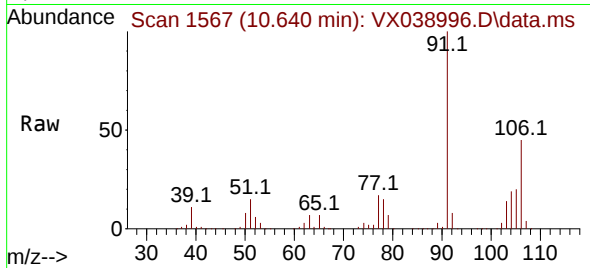
#69
o-Xylene
Concen: 46.411 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX038996.D
Acq: 21 Nov 2023 19:39

Instrument :
MSVOA_X
ClientSampleId :
15BR-20231113MSD

Tgt Ion:106 Resp: 137988
Ion Ratio Lower Upper
106 100
91 220.0 108.9 326.8

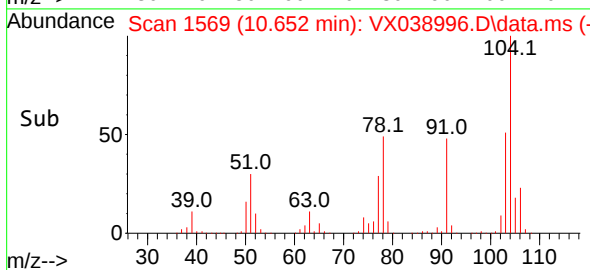
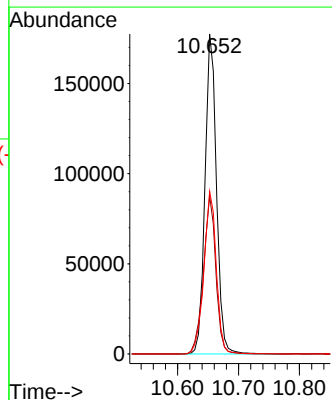
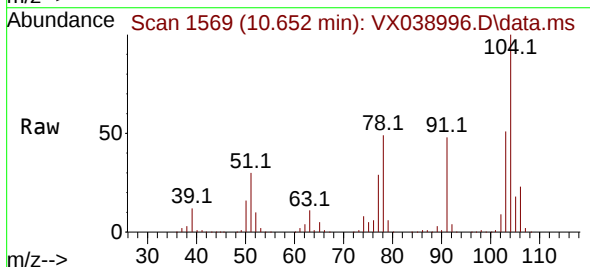
Manual Integrations
APPROVED

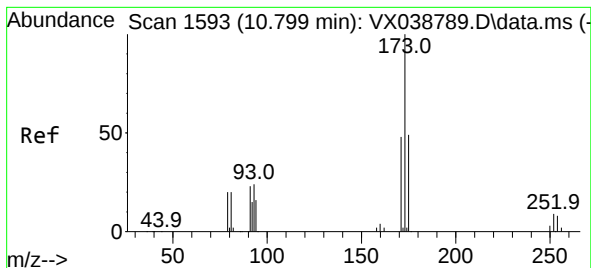
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023



#70
Styrene
Concen: 46.417 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX038996.D
Acq: 21 Nov 2023 19:39

Tgt Ion:104 Resp: 233069
Ion Ratio Lower Upper
104 100
78 53.6 43.6 65.4
103 55.2 43.6 65.4





#71

Bromoform

Concen: 47.494 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX038996.D

Acq: 21 Nov 2023 19:39

Instrument :

MSVOA_X

ClientSampleId :

15BR-20231113MSD

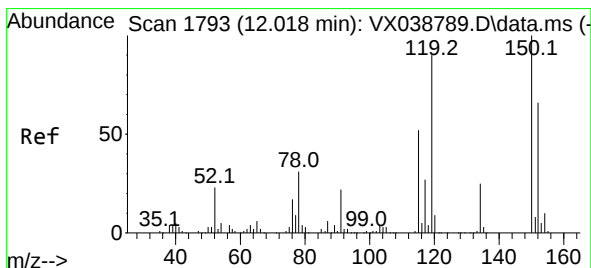
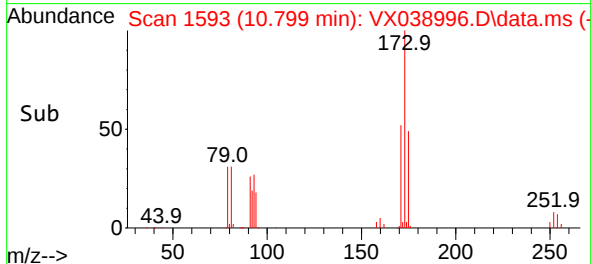
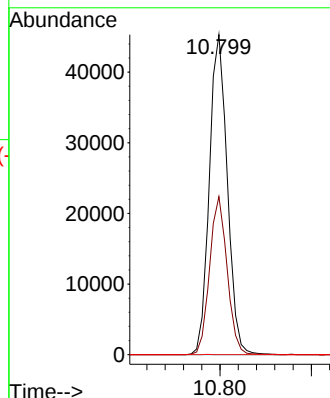
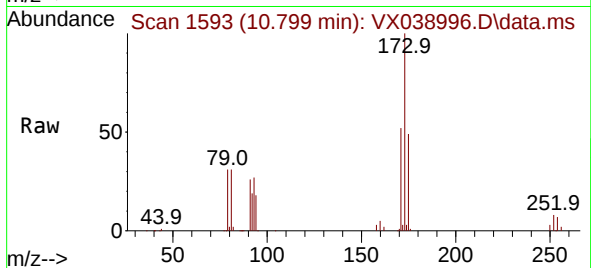
Tgt Ion:173 Resp: 61579
 Ion Ratio Lower Upper
 173 100
 175 48.3 24.1 72.4
 254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2023

Supervised By :Mahesh Dadoda 11/22/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

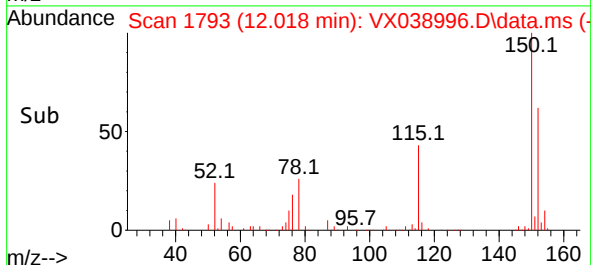
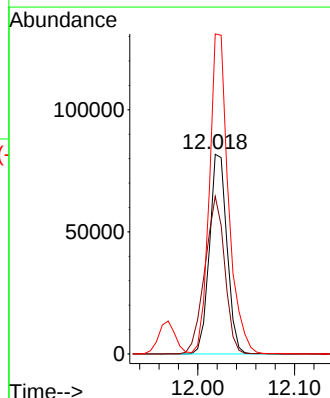
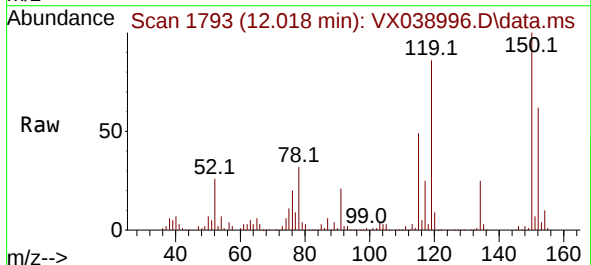
RT: 12.018 min Scan# 1793

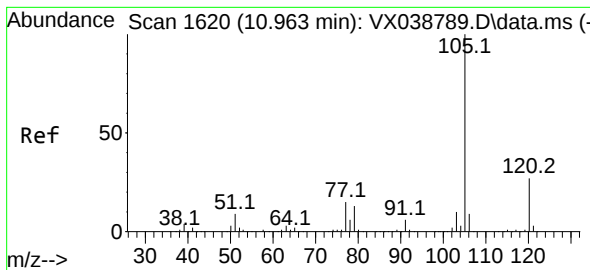
Delta R.T. 0.000 min

Lab File: VX038996.D

Acq: 21 Nov 2023 19:39

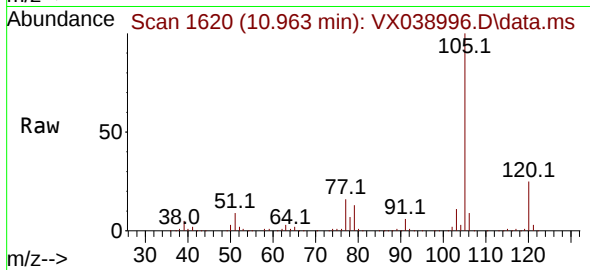
Tgt Ion:152 Resp: 103365
 Ion Ratio Lower Upper
 152 100
 115 89.3 43.3 129.9
 150 173.6 0.0 345.0





#73
Isopropylbenzene
Concen: 45.019 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX038996.D
Acq: 21 Nov 2023 19:39

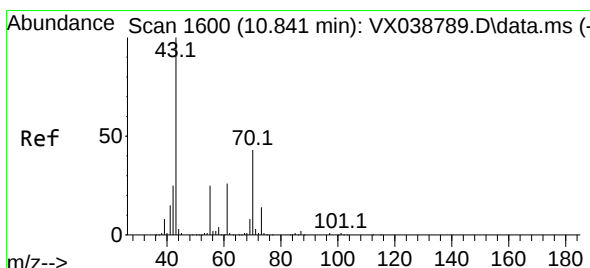
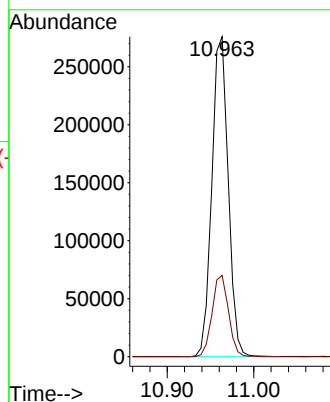
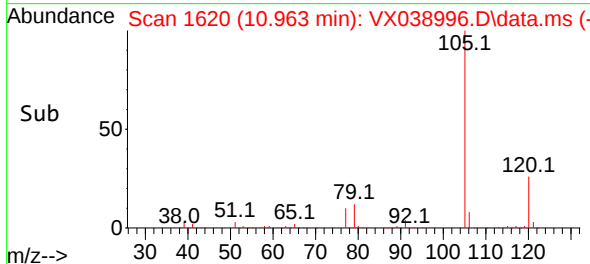
Instrument :
MSVOA_X
ClientSampleId :
15BR-20231113MSD



Tgt Ion:105 Resp: 362560
Ion Ratio Lower Upper
105 100
120 25.4 12.9 38.6

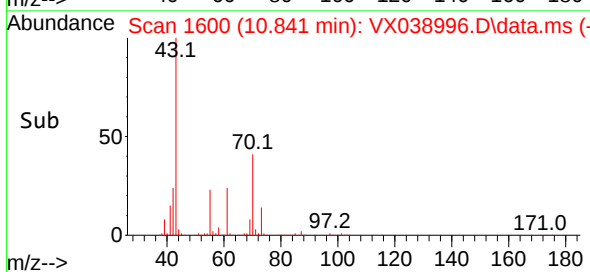
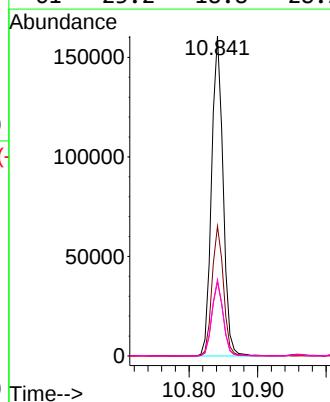
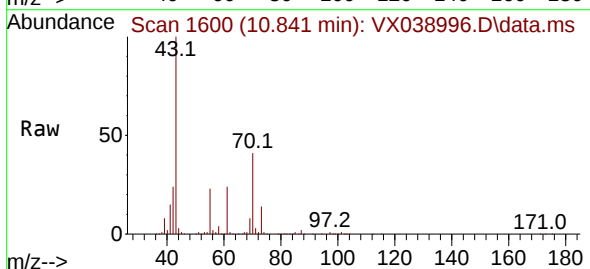
Manual Integrations
APPROVED

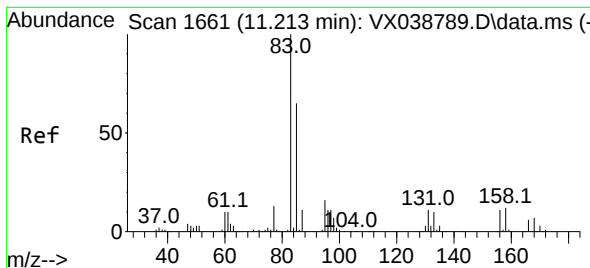
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023



#74
N-ethyl acetate
Concen: 44.300 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX038996.D
Acq: 21 Nov 2023 19:39

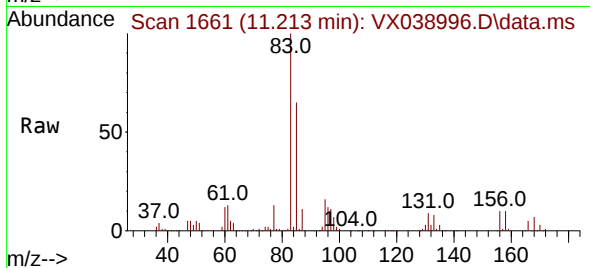
Tgt Ion: 43 Resp: 188597
Ion Ratio Lower Upper
43 100
70 40.3 32.9 49.3
55 22.8 19.3 28.9
61 23.2 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 44.518 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX038996.D
Acq: 21 Nov 2023 19:39

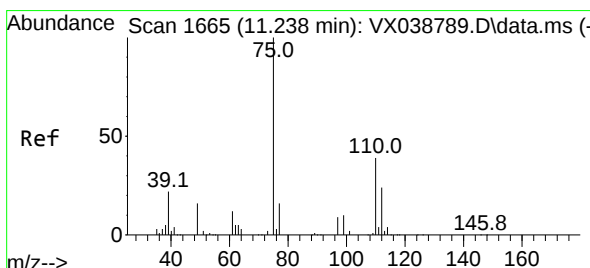
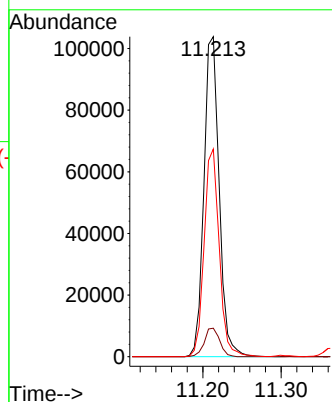
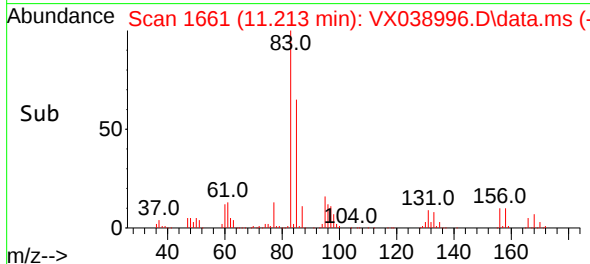
Instrument :
MSVOA_X
ClientSampleId :
15BR-20231113MSD



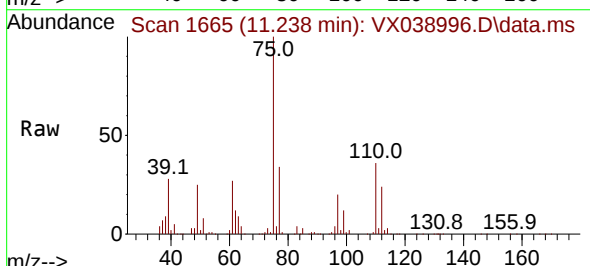
Tgt Ion: 83 Resp: 13995
Ion Ratio Lower Upper
83 100
131 9.0 5.3 15.8
85 64.3 32.0 96.2

Manual Integrations
APPROVED

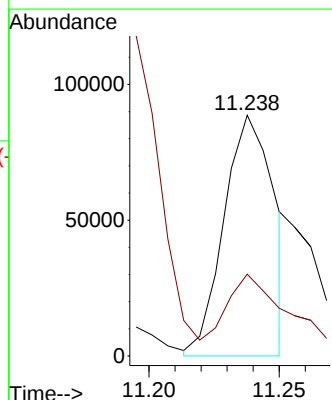
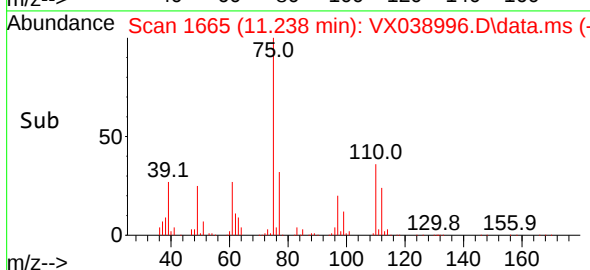
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023

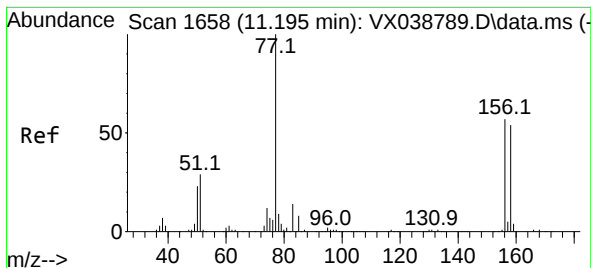


#76
1,2,3-Trichloropropane
Concen: 46.004 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX038996.D
Acq: 21 Nov 2023 19:39



Tgt Ion: 75 Resp: 118642
Ion Ratio Lower Upper
75 100
77 43.6 19.1 57.5





#77

Bromobenzene

Concen: 44.816 ug/l

RT: 11.195 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX038996.D

Acq: 21 Nov 2023 19:39

Instrument :

MSVOA_X

ClientSampleId :

15BR-20231113MSD

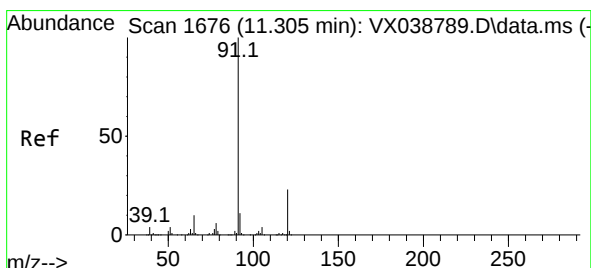
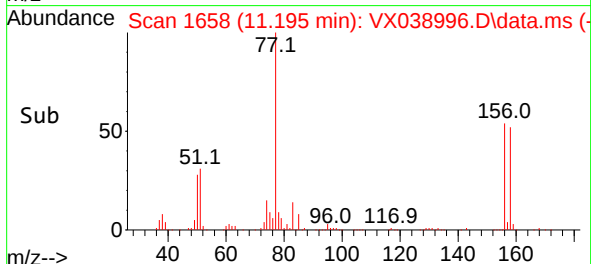
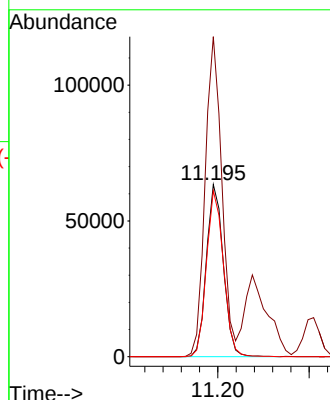
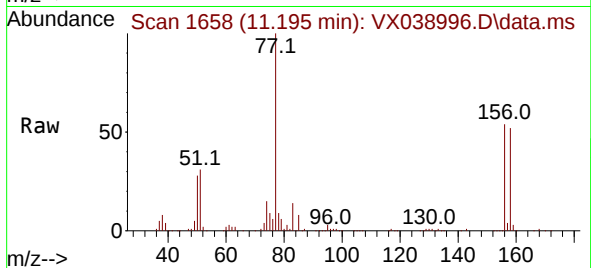
Tgt Ion:	156	Resp:	81100
Ion Ratio	Lower	Upper	
156	100		
77	183.5	88.4	265.3
158	97.2	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2023

Supervised By :Mahesh Dadoda 11/22/2023



#78

n-propylbenzene

Concen: 44.554 ug/l

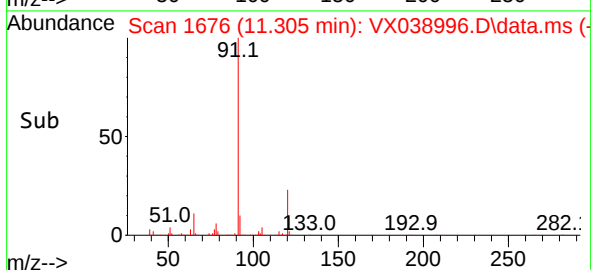
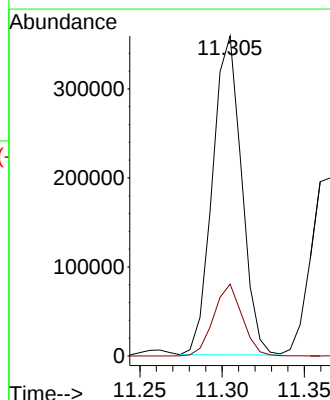
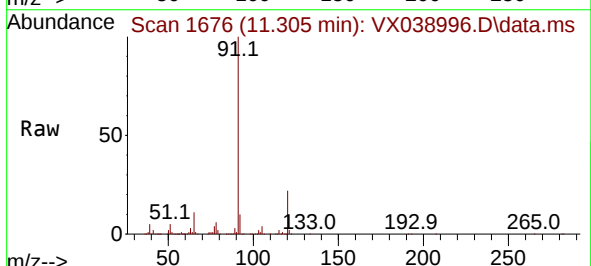
RT: 11.305 min Scan# 1676

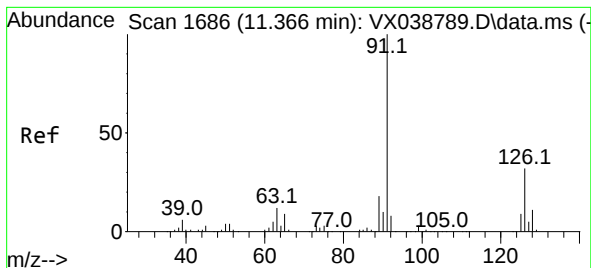
Delta R.T. 0.000 min

Lab File: VX038996.D

Acq: 21 Nov 2023 19:39

Tgt Ion:	91	Resp:	441673
Ion Ratio	Lower	Upper	
91	100		
120	22.1	11.5	34.4





#79

2-Chlorotoluene

Concen: 44.164 ug/l

RT: 11.366 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX038996.D

Acq: 21 Nov 2023 19:39

Instrument :

MSVOA_X

ClientSampleId :

15BR-20231113MSD

Tgt Ion: 91 Resp: 259819

Ion Ratio Lower Upper

91 100

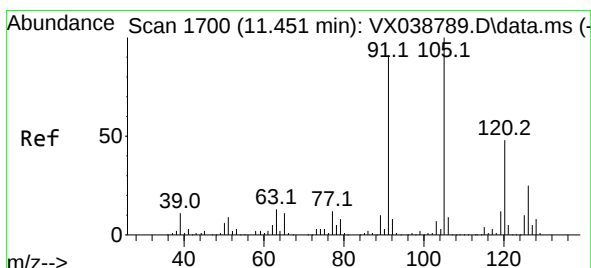
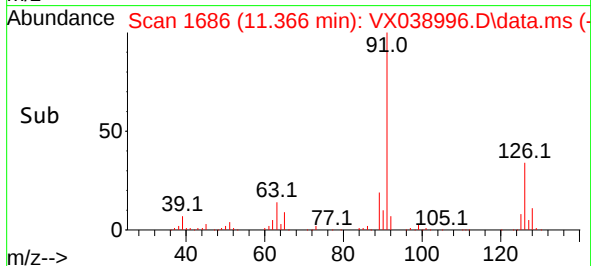
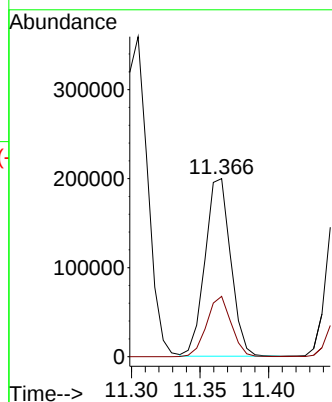
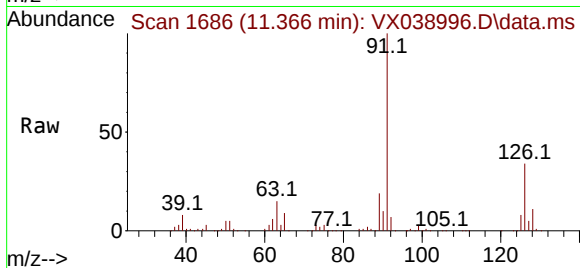
126 32.5 16.3 48.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2023

Supervised By :Mahesh Dadoda 11/22/2023



#80

1,3,5-Trimethylbenzene

Concen: 45.523 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX038996.D

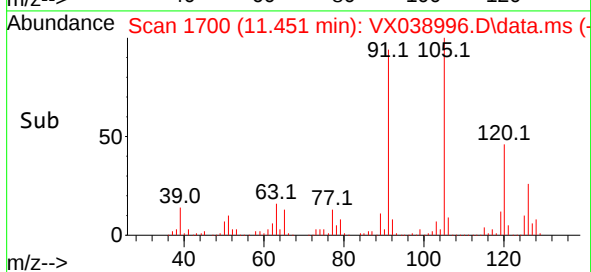
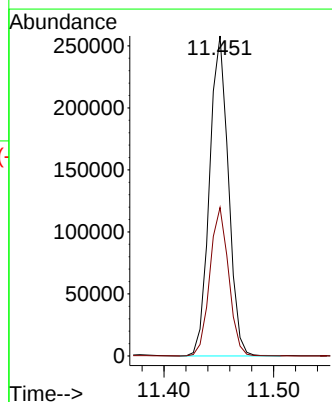
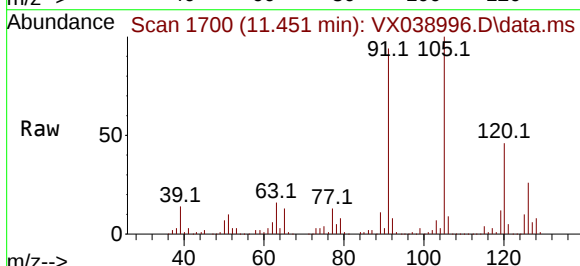
Acq: 21 Nov 2023 19:39

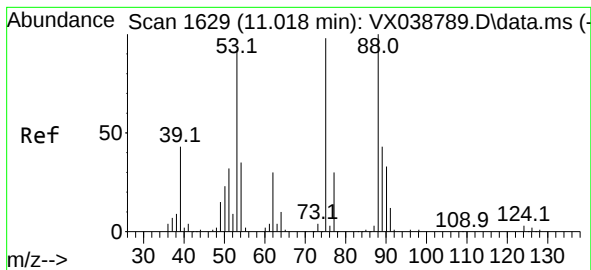
Tgt Ion:105 Resp: 308263

Ion Ratio Lower Upper

105 100

120 46.2 24.1 72.3





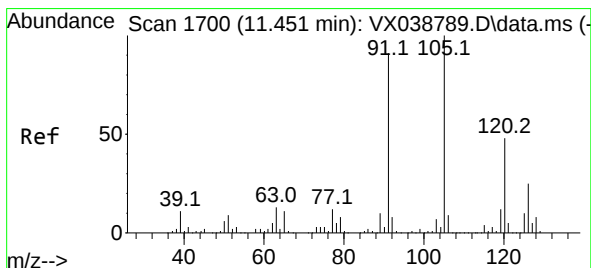
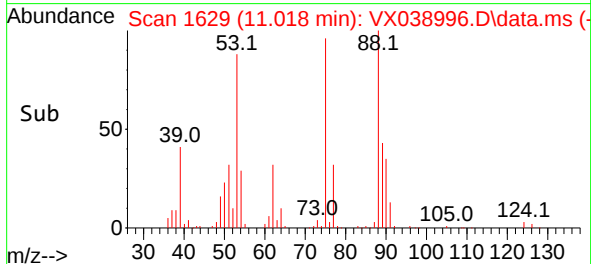
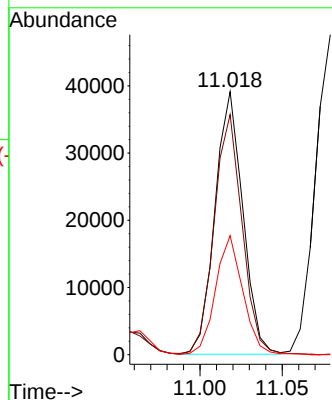
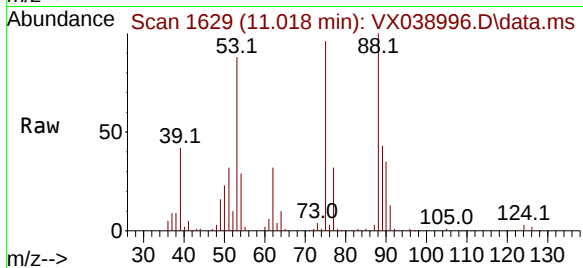
#81
trans-1,4-Dichloro-2-butene
Concen: 39.662 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX038996.D
Acq: 21 Nov 2023 19:39

Instrument :
MSVOA_X
ClientSampleId :
15BR-20231113MSD

Tgt Ion: 75 Resp: 46114
Ion Ratio Lower Upper
75 100
53 92.1 90.5 135.7
89 44.6 36.9 55.3

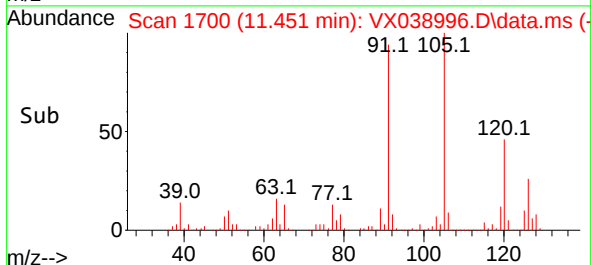
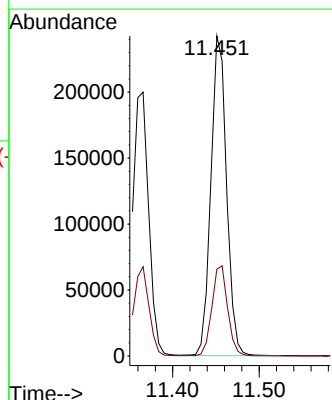
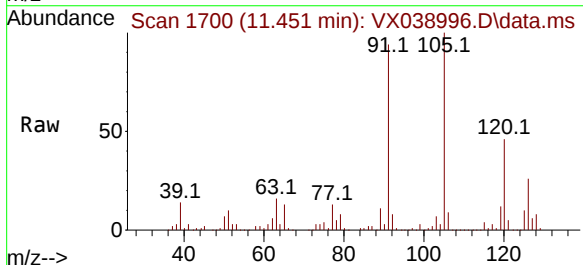
Manual Integrations
APPROVED

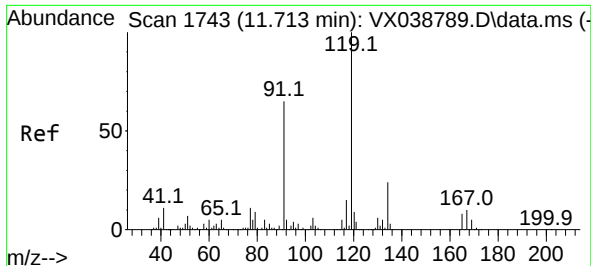
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023



#82
4-Chlorotoluene
Concen: 44.944 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX038996.D
Acq: 21 Nov 2023 19:39

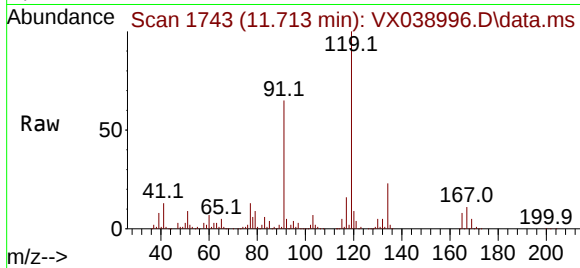
Tgt Ion: 91 Resp: 304873
Ion Ratio Lower Upper
91 100
126 28.3 14.2 42.6





#83
tert-Butylbenzene
Concen: 45.209 ug/l
RT: 11.713 min Scan# 11743
Delta R.T. 0.000 min
Lab File: VX038996.D
Acq: 21 Nov 2023 19:39

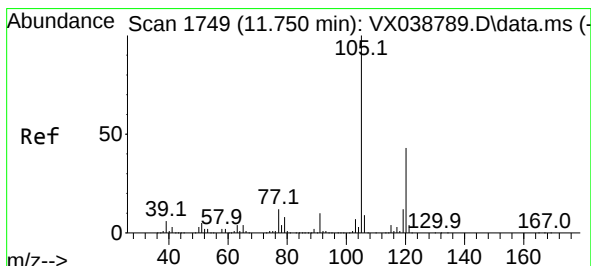
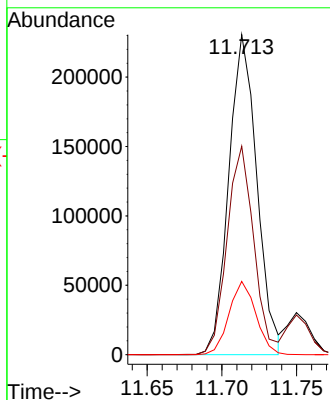
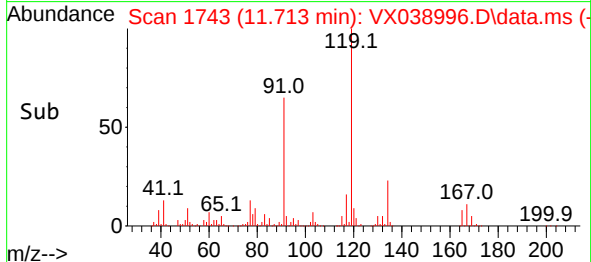
Instrument :
MSVOA_X
ClientSampleId :
15BR-20231113MSD



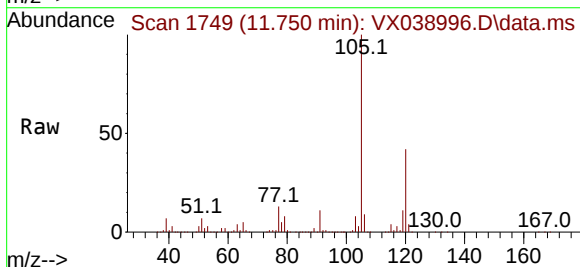
Tgt Ion:119 Resp: 301500
Ion Ratio Lower Upper
119 100
91 62.4 31.2 93.6
134 21.9 11.7 35.0

Manual Integrations
APPROVED

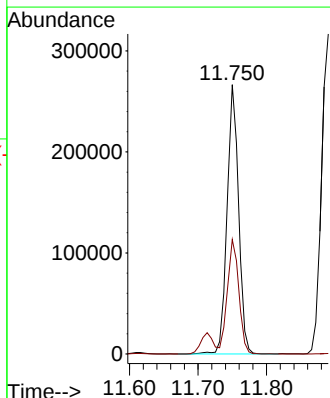
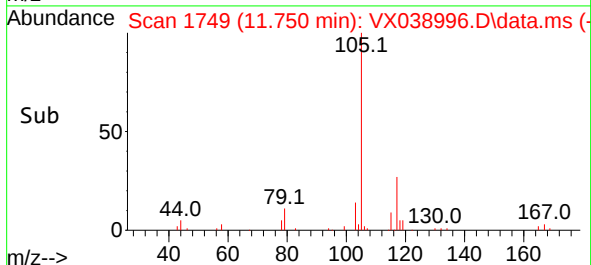
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023

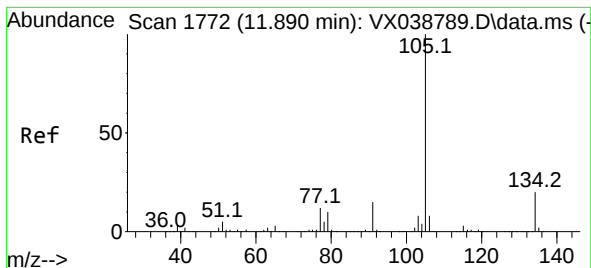


#84
1,2,4-Trimethylbenzene
Concen: 45.278 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX038996.D
Acq: 21 Nov 2023 19:39



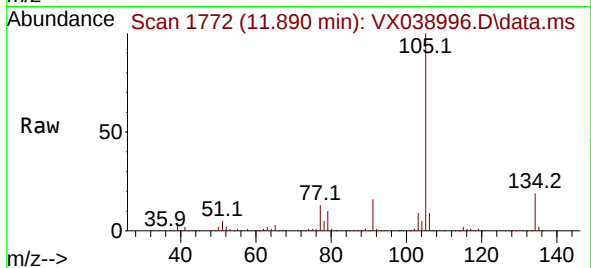
Tgt Ion:105 Resp: 310334
Ion Ratio Lower Upper
105 100
120 42.3 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 45.079 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX038996.D
 Acq: 21 Nov 2023 19:39

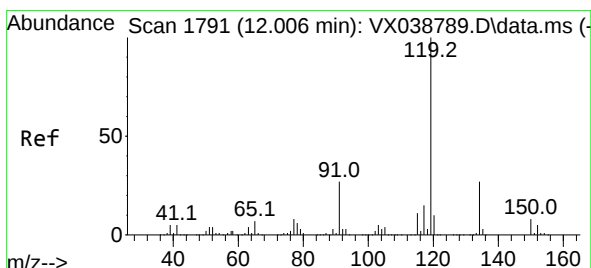
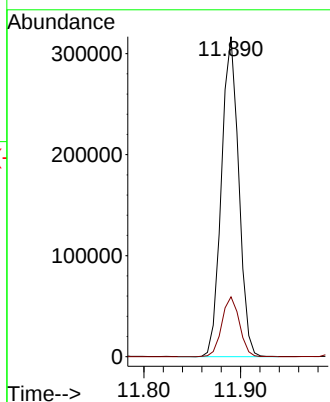
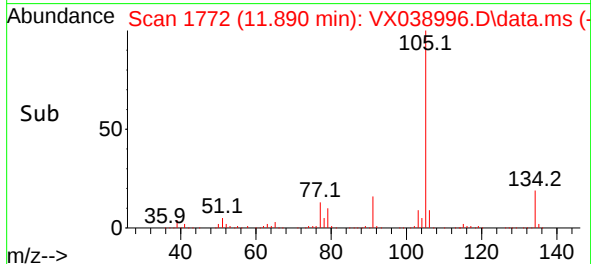
Instrument :
 MSVOA_X
 ClientSampleId :
 15BR-20231113MSD



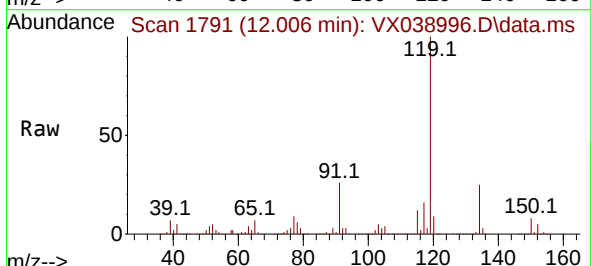
Tgt Ion:105 Resp: 39324
 Ion Ratio Lower Upper
 105 100
 134 19.0 9.8 29.4

Manual Integrations
 APPROVED

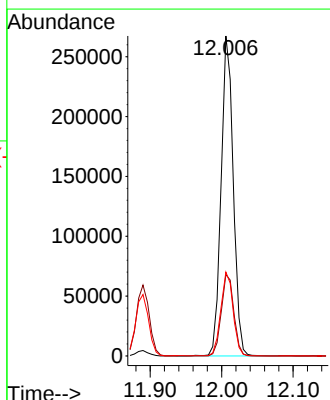
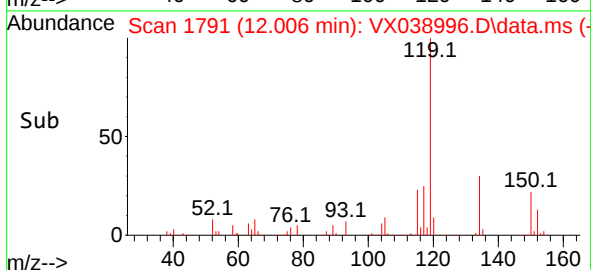
Reviewed By :John Carlone 11/22/2023
 Supervised By :Mahesh Dadoda 11/22/2023

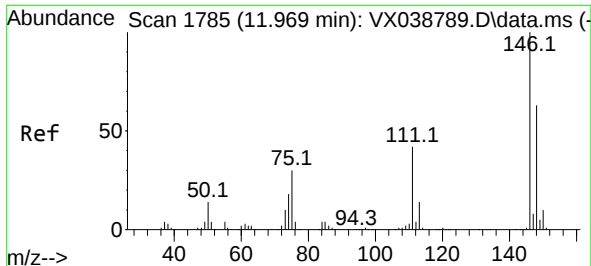


#86
 p-Isopropyltoluene
 Concen: 45.159 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX038996.D
 Acq: 21 Nov 2023 19:39



Tgt Ion:119 Resp: 316240
 Ion Ratio Lower Upper
 119 100
 134 26.3 12.8 38.3
 91 26.6 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 45.332 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX038996.D

Acq: 21 Nov 2023 19:39

Instrument :

MSVOA_X

ClientSampleId :

15BR-20231113MSD

Tgt Ion:146 Resp: 16064

Ion Ratio Lower Upper

146 100

111 44.4 22.1 66.1

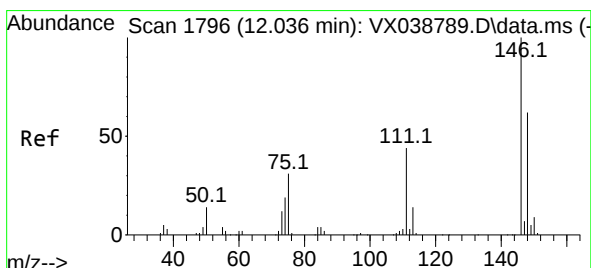
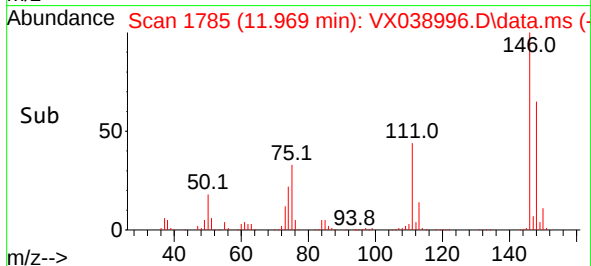
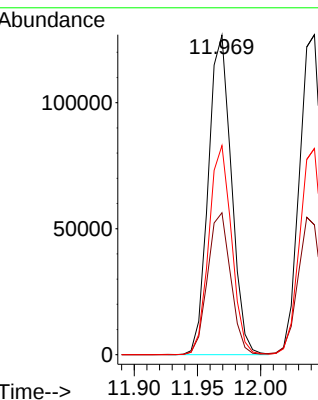
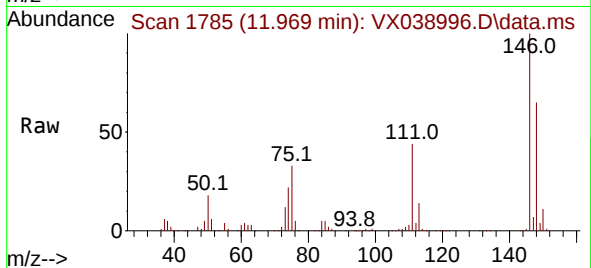
148 64.3 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2023

Supervised By :Mahesh Dadoda 11/22/2023



#88

1,4-Dichlorobenzene

Concen: 44.816 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.006 min

Lab File: VX038996.D

Acq: 21 Nov 2023 19:39

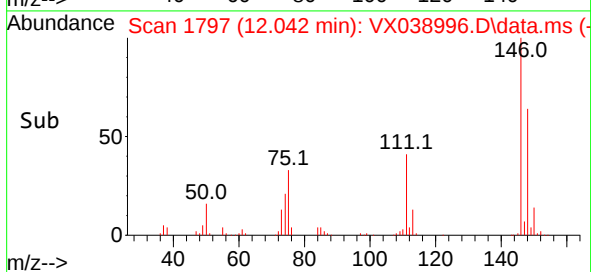
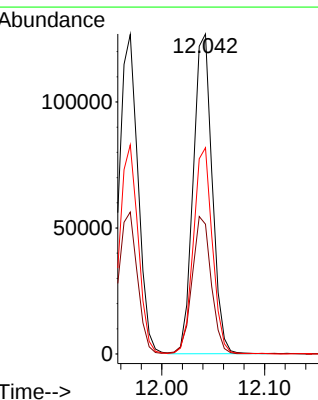
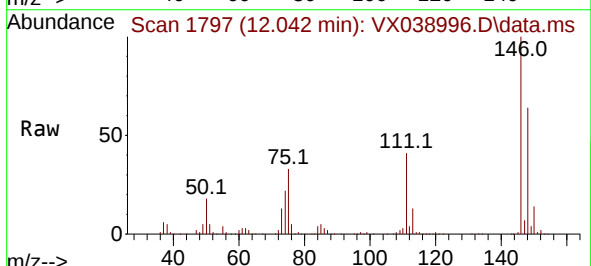
Tgt Ion:146 Resp: 162545

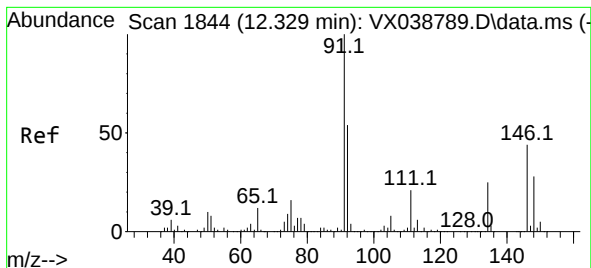
Ion Ratio Lower Upper

146 100

111 43.3 21.3 63.7

148 64.8 31.8 95.4





#89

n-Butylbenzene

Concen: 43.972 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX038996.D

Acq: 21 Nov 2023 19:39

Instrument :

MSVOA_X

ClientSampleId :

15BR-20231113MSD

Tgt Ion: 91 Resp: 31067

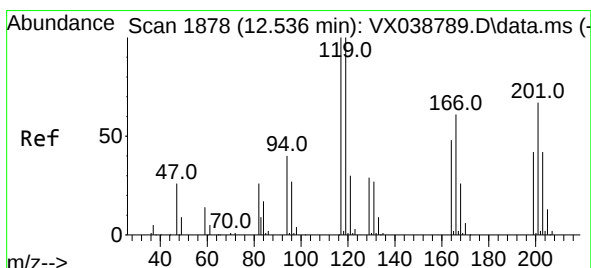
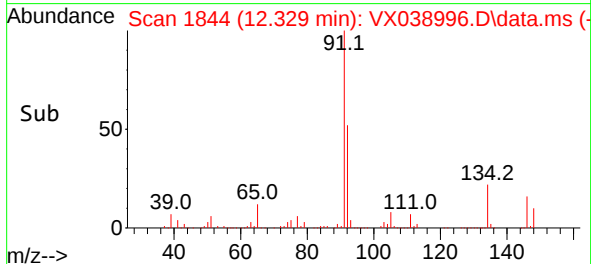
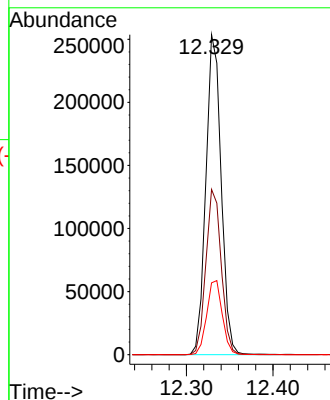
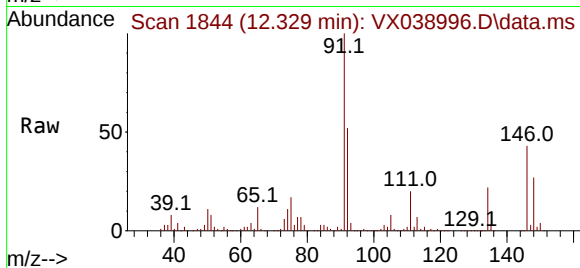
Ion	Ratio	Lower	Upper
91	100		
92	52.0	27.4	82.0
134	23.7	12.6	37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2023

Supervised By :Mahesh Dadoda 11/22/2023



#90

Hexachloroethane

Concen: 43.312 ug/l

RT: 12.536 min Scan# 1878

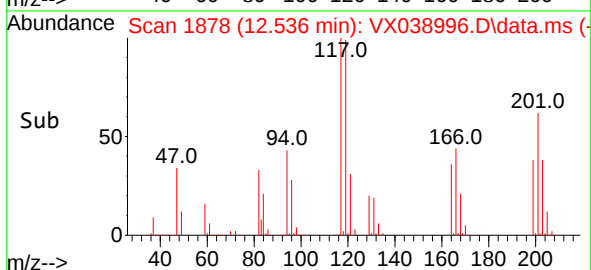
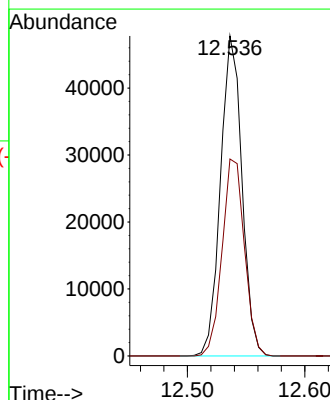
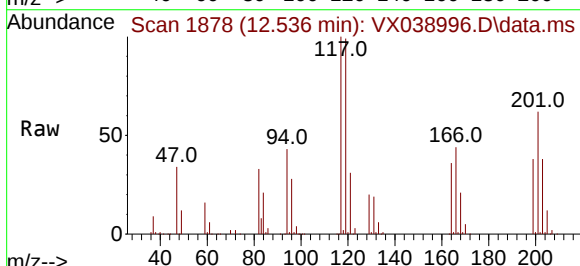
Delta R.T. 0.000 min

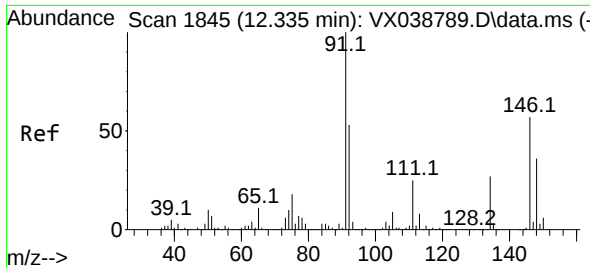
Lab File: VX038996.D

Acq: 21 Nov 2023 19:39

Tgt Ion:117 Resp: 60569

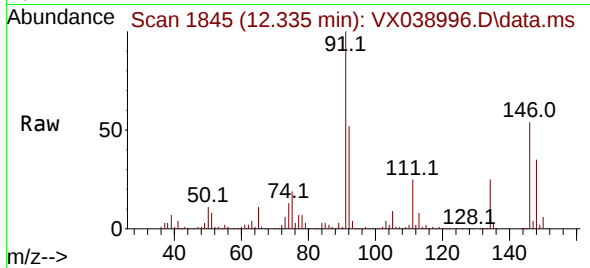
Ion	Ratio	Lower	Upper
117	100		
201	64.3	32.9	98.6





#91
1,2-Dichlorobenzene
Concen: 46.919 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX038996.D
Acq: 21 Nov 2023 19:39

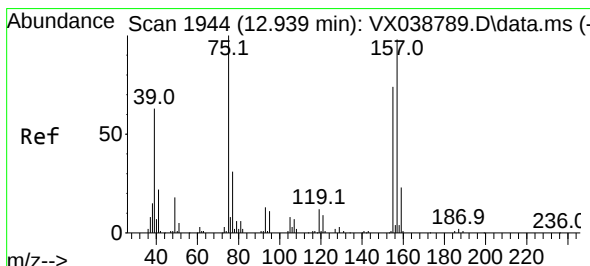
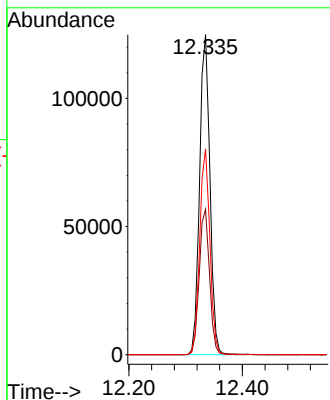
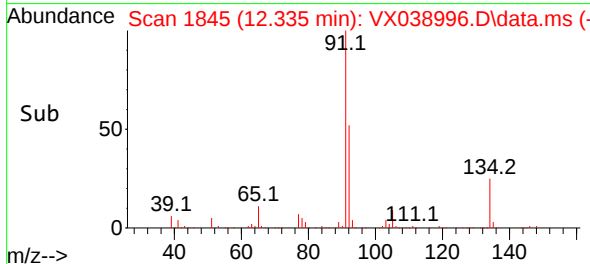
Instrument :
MSVOA_X
ClientSampleId :
15BR-20231113MSD



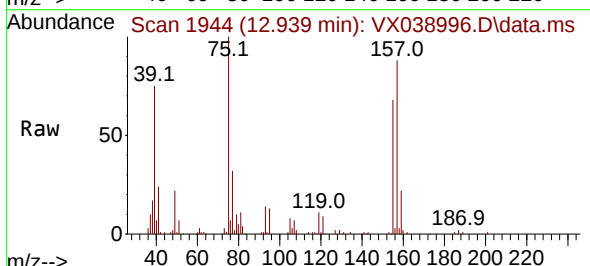
Tgt Ion:146 Resp: 15769
Ion Ratio Lower Upper
146 100
111 45.3 22.4 67.0
148 63.4 31.6 95.0

Manual Integrations
APPROVED

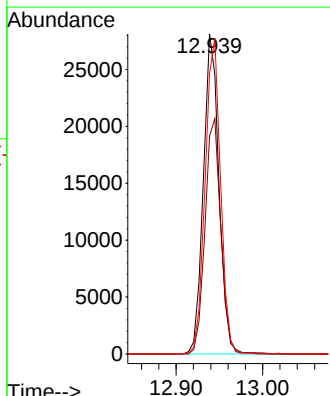
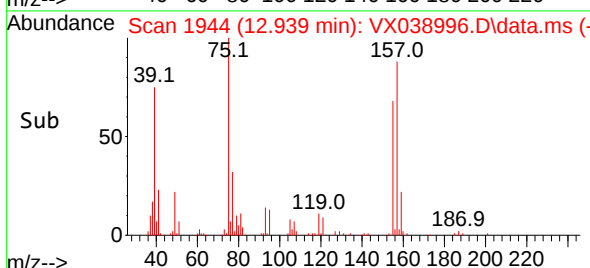
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023

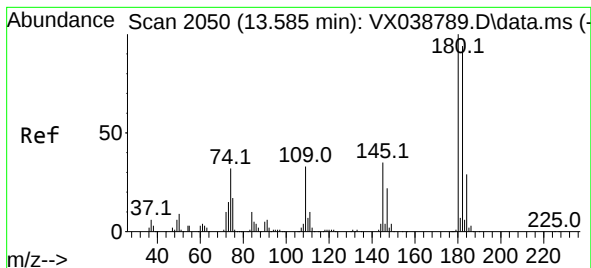


#92
1,2-Dibromo-3-Chloropropane
Concen: 45.594 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX038996.D
Acq: 21 Nov 2023 19:39



Tgt Ion: 75 Resp: 35119
Ion Ratio Lower Upper
75 100
155 74.2 36.1 108.5
157 97.7 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 45.040 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX038996.D

Acq: 21 Nov 2023 19:39

Instrument :

MSVOA_X

ClientSampleId :

15BR-20231113MSD

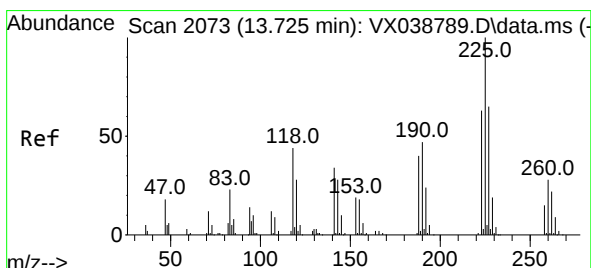
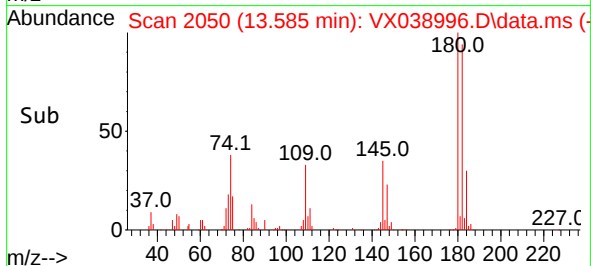
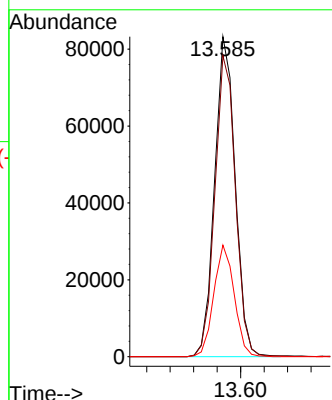
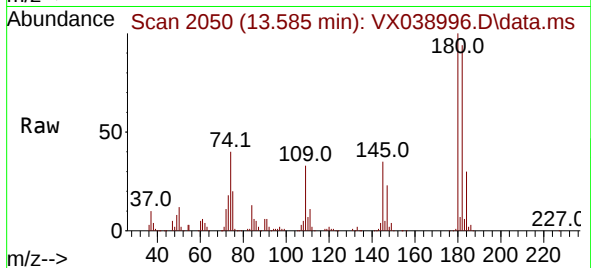
Tgt Ion:180	Resp: 10144
Ion Ratio	Lower Upper
180 100	
182 94.1	48.3 144.8
145 34.6	18.0 54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2023

Supervised By :Mahesh Dadoda 11/22/2023



#94

Hexachlorobutadiene

Concen: 44.481 ug/l

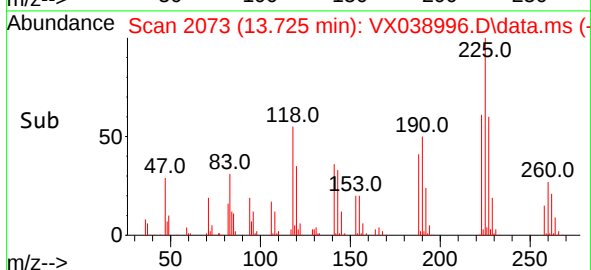
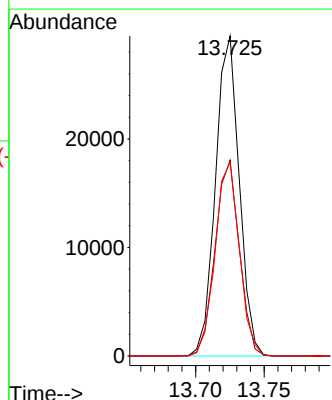
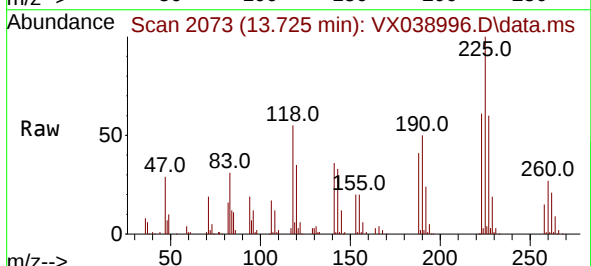
RT: 13.725 min Scan# 2073

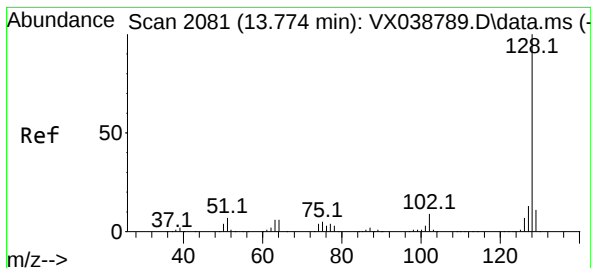
Delta R.T. 0.000 min

Lab File: VX038996.D

Acq: 21 Nov 2023 19:39

Tgt Ion:225	Resp: 35478
Ion Ratio	Lower Upper
225 100	
223 62.2	31.1 93.2
227 61.8	32.5 97.5





#95

Naphthalene

Concen: 45.247 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX038996.D

Acq: 21 Nov 2023 19:39

Instrument :

MSVOA_X

ClientSampleId :

15BR-20231113MSD

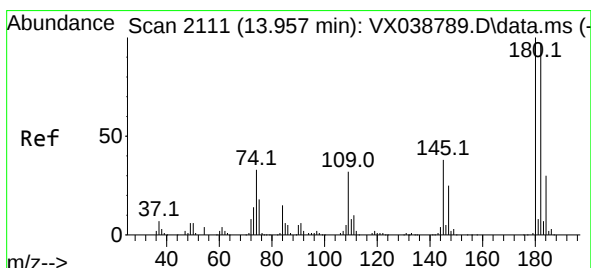
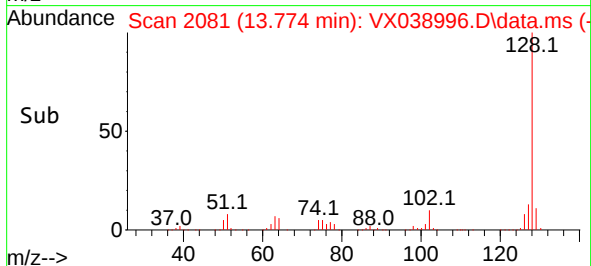
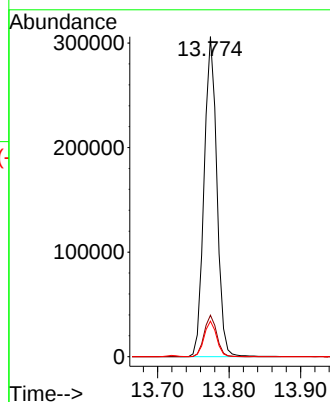
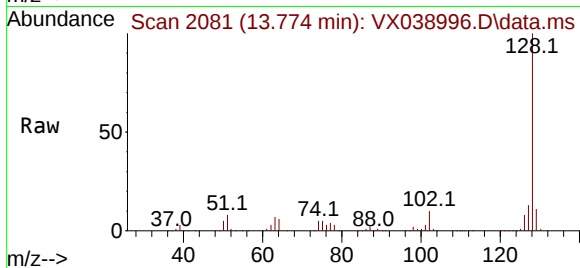
Tgt Ion:128 Resp: 379558
 Ion Ratio Lower Upper
 128 100
 127 12.8 10.3 15.5
 129 10.9 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2023

Supervised By :Mahesh Dadoda 11/22/2023



#96

1,2,3-Trichlorobenzene

Concen: 46.393 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. 0.000 min

Lab File: VX038996.D

Acq: 21 Nov 2023 19:39

Tgt Ion:180 Resp: 99053
 Ion Ratio Lower Upper
 180 100
 182 93.2 46.9 140.6
 145 36.0 17.8 53.5

