

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112123\
 Data File : VX038995.D
 Acq On : 21 Nov 2023 19:16
 Operator : JC/MD
 Sample : 05431-03MS 100X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 15BR-20231113MS

Quant Time: Nov 22 03:25:06 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	115390	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	215900	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	203892	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	106570	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	93248	50.151	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.300%			
35) Dibromofluoromethane	5.385	113	72326	46.384	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 92.760%			
50) Toluene-d8	8.647	98	268582	45.020	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 90.040%#			
62) 4-Bromofluorobenzene	11.079	95	111289	46.600	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 93.200%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	63209	46.947	ug/l	99
3) Chloromethane	1.294	50	70115	39.899	ug/l	100
4) Vinyl Chloride	1.374	62	75765	44.758	ug/l	99
5) Bromomethane	1.599	94	44255	63.231	ug/l	99
6) Chloroethane	1.685	64	45845	47.457	ug/l	99
7) Trichlorofluoromethane	1.886	101	105472	49.101	ug/l	100
8) Diethyl Ether	2.130	74	43567	46.567	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.331	101	62269	43.712	ug/l	95
10) Methyl Iodide	2.453	142	67084	38.691	ug/l	94
11) Tert butyl alcohol	2.959	59	130574	252.494	ug/l #	94
12) 1,1-Dichloroethene	2.319	96	59864	41.624	ug/l	97
13) Acrolein	2.233	56	69452	253.846	ug/l	99
14) Allyl chloride	2.666	41	129170	44.859	ug/l	96
15) Acrylonitrile	3.062	53	255906	234.194	ug/l	99
16) Acetone	2.373	43	228427	230.782	ug/l	95
17) Carbon Disulfide	2.508	76	162763	36.535	ug/l	99
18) Methyl Acetate	2.703	43	238774	50.788	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	242234	47.887	ug/l	99
20) Methylene Chloride	2.788	84	74831	41.940	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	68217	42.988	ug/l	95
22) Diisopropyl ether	3.757	45	251267	47.567	ug/l	91
23) Vinyl Acetate	3.721	43	889341	233.764	ug/l	99
24) 1,1-Dichloroethane	3.611	63	137046	46.393	ug/l	99
25) 2-Butanone	4.550	43	378944	236.089	ug/l	96
26) 2,2-Dichloropropane	4.471	77	115216	44.965	ug/l	95
27) cis-1,2-Dichloroethene	4.489	96	124397	67.251	ug/l	93
28) Bromochloromethane	4.897	49	70053	49.393	ug/l	98
29) Tetrahydrofuran	4.995	42	247601	242.951	ug/l	98
30) Chloroform	5.092	83	138090	47.873	ug/l	98
31) Cyclohexane	5.470	56	114277	43.048	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	121137	48.485	ug/l	99
36) 1,1-Dichloropropene	5.690	75	100156	44.816	ug/l	100
37) Ethyl Acetate	4.708	43	136780	46.977	ug/l	99
38) Carbon Tetrachloride	5.678	117	101045	48.921	ug/l	92
39) Methylcyclohexane	7.379	83	119628	41.038	ug/l	99
40) Benzene	6.037	78	294992	44.629	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	71895	47.609	ug/l	94
42) 1,2-Dichloroethane	6.086	62	111725	51.017	ug/l	99
43) Isopropyl Acetate	6.336	43	218570	46.972	ug/l	100
44) Trichloroethene	7.123	130	128418	79.817	ug/l	95
45) 1,2-Dichloropropane	7.427	63	81924	46.056	ug/l	97
46) Dibromomethane	7.580	93	55684	46.942	ug/l	99
47) Bromodichloromethane	7.818	83	110200	46.807	ug/l	97
48) Methyl methacrylate	7.690	41	102371	45.343	ug/l	93
49) 1,4-Dioxane	7.653	88	41931	960.008	ug/l #	95
51) 4-Methyl-2-Pentanone	8.573	43	728234	244.896	ug/l	100
52) Toluene	8.720	92	185829	45.304	ug/l	96
53) t-1,3-Dichloropropene	8.976	75	125601	44.892	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	130695	45.223	ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	79389	46.386	ug/l	93
56) Ethyl methacrylate	9.116	69	134364	46.400	ug/l	97
57) 1,3-Dichloropropane	9.305	76	133629	47.210	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	306322	227.077	ug/l	95
59) 2-Hexanone	9.427	43	582742	244.494	ug/l	99
60) Dibromochloromethane	9.518	129	82893	47.633	ug/l	99
61) 1,2-Dibromoethane	9.610	107	84120	46.839	ug/l	99
64) Tetrachloroethene	9.275	164	57487	45.360	ug/l	98
65) Chlorobenzene	10.079	112	200704	45.697	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	73304	46.398	ug/l	98
67) Ethyl Benzene	10.195	91	368380	45.652	ug/l	100
68) m/p-Xylenes	10.299	106	278080	91.101	ug/l	98
69) o-Xylene	10.640	106	137766	45.612	ug/l	100
70) Styrene	10.652	104	231511	45.386	ug/l	99
71) Bromoform	10.799	173	61624	46.789	ug/l #	100
73) Isopropylbenzene	10.963	105	359871	43.341	ug/l	99
74) N-amyl acetate	10.841	43	189444	43.161	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	140131	43.233	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	119001m	44.756	ug/l	
77) Bromobenzene	11.195	156	82515	44.227	ug/l	99
78) n-propylbenzene	11.305	91	447991	43.833	ug/l	98
79) 2-Chlorotoluene	11.366	91	260321	42.918	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	308478	44.185	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	46520	38.808	ug/l	87
82) 4-Chlorotoluene	11.451	91	305854	43.732	ug/l	99
83) tert-Butylbenzene	11.713	119	300550	43.711	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	311994	44.151	ug/l	100
85) sec-Butylbenzene	11.890	105	396365	44.070	ug/l	99
86) p-Isopropyltoluene	12.006	119	315734	43.731	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	159965	43.784	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	163484	43.720	ug/l	99
89) n-Butylbenzene	12.329	91	314175	43.130	ug/l	96
90) Hexachloroethane	12.536	117	60859	42.211	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	155240	44.799	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	35720	44.980	ug/l	94
93) 1,2,4-Trichlorobenzene	13.585	180	102153	43.991	ug/l	96
94) Hexachlorobutadiene	13.725	225	35764	43.491	ug/l	98
95) Naphthalene	13.774	128	378236	43.734	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	99024	44.985	ug/l	99

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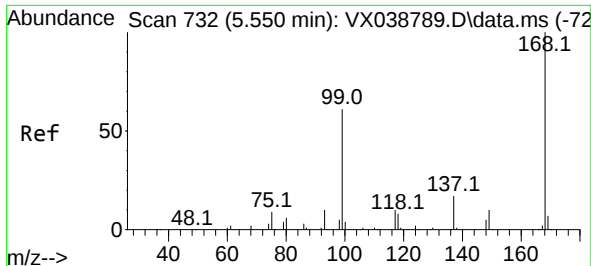
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 11/22/2023

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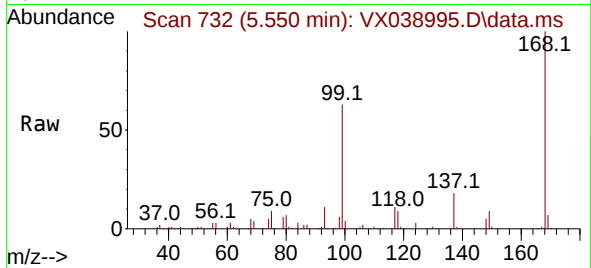
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
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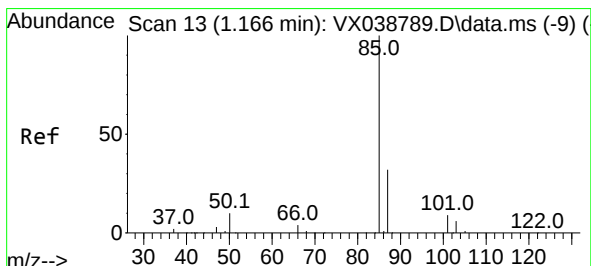
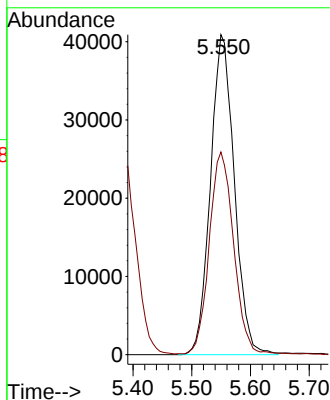
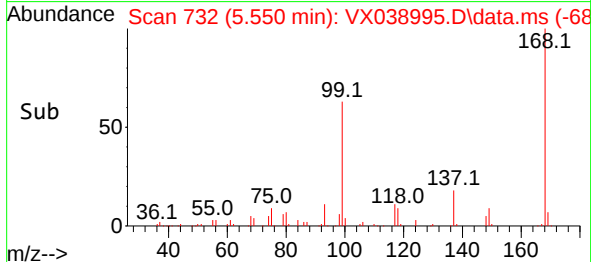
Instrument :
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Tgt Ion:168 Resp: 115390
Ion Ratio Lower Upper
168 100
99 63.0 56.6 85.0

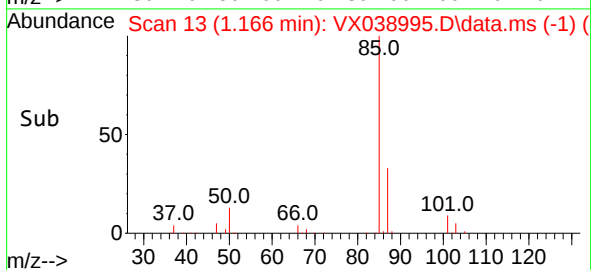
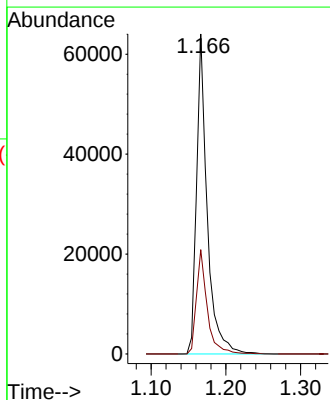
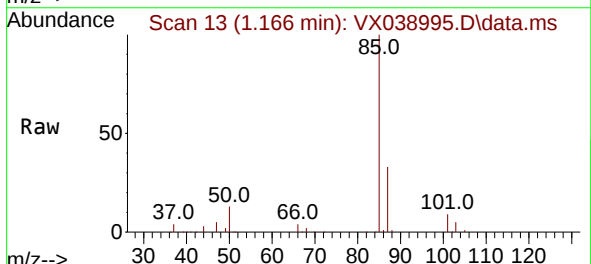
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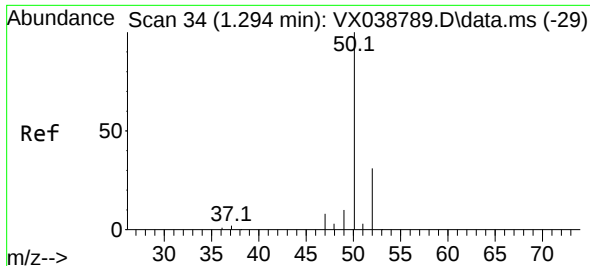
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Supervised By :Mahesh Dadoda 11/22/2023



#2
Dichlorodifluoromethane
Concen: 46.947 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX038995.D
Acq: 21 Nov 2023 19:16

Tgt Ion: 85 Resp: 63209
Ion Ratio Lower Upper
85 100
87 32.6 16.7 50.1





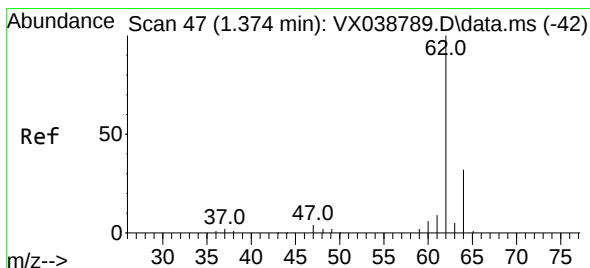
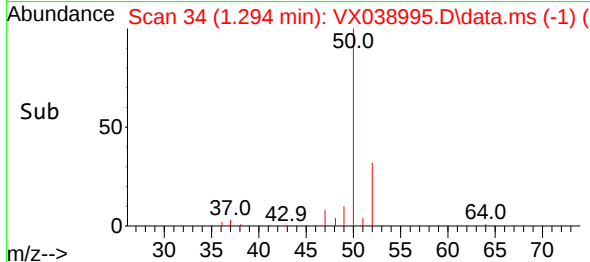
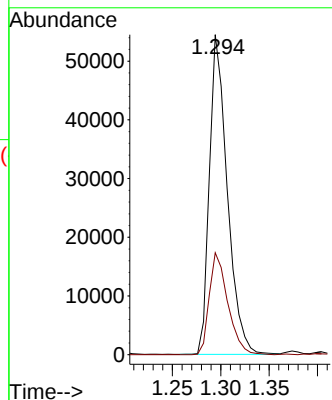
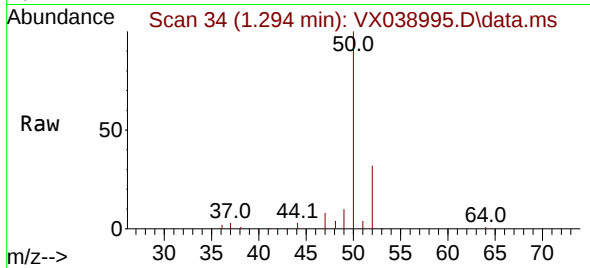
#3
Chloromethane
Concen: 39.899 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX038995.D
Acq: 21 Nov 2023 19:16

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Tgt Ion: 50 Resp: 70115
Ion Ratio Lower Upper
50 100
52 31.9 25.5 38.3

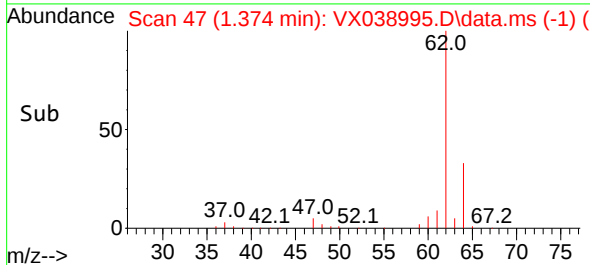
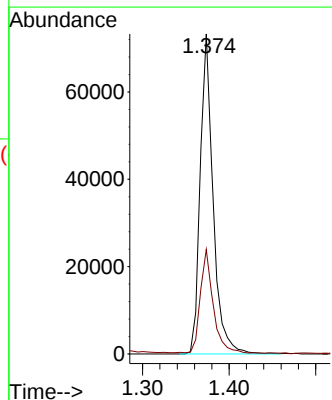
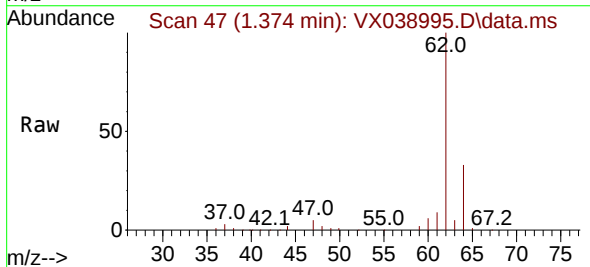
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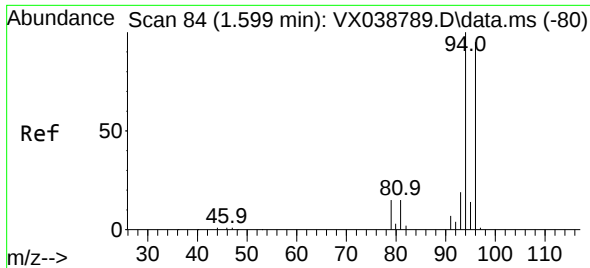
Reviewed By :John Carlone 11/22/2023
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#4
Vinyl Chloride
Concen: 44.758 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX038995.D
Acq: 21 Nov 2023 19:16

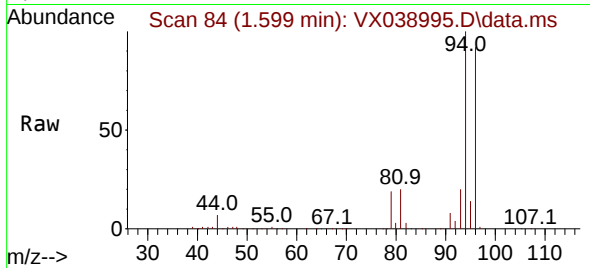
Tgt Ion: 62 Resp: 75765
Ion Ratio Lower Upper
62 100
64 32.4 25.4 38.0





#5
Bromomethane
Concen: 63.231 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX038995.D
Acq: 21 Nov 2023 19:16

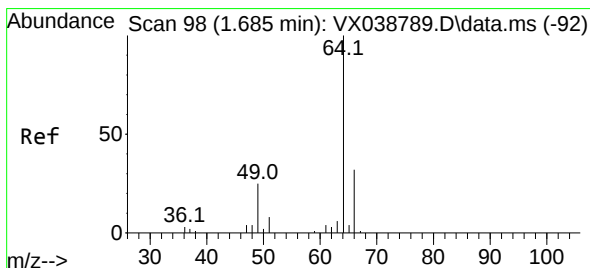
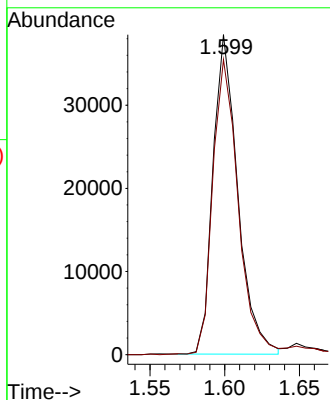
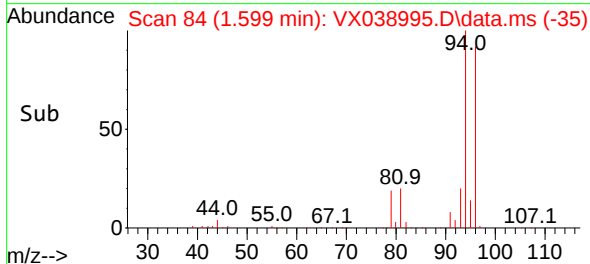
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Tgt Ion: 94 Resp: 4425
Ion Ratio Lower Upper
94 100
96 92.1 74.6 111.8

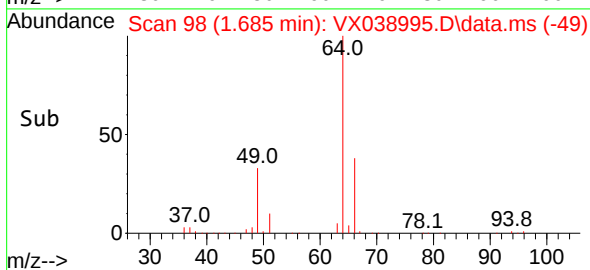
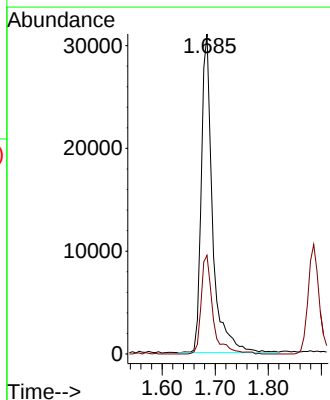
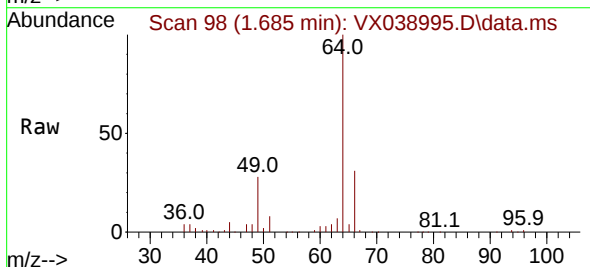
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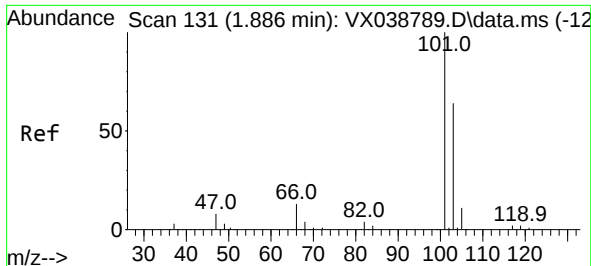
Reviewed By :John Carlone 11/22/2023
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#6
Chloroethane
Concen: 47.457 ug/l
RT: 1.685 min Scan# 98
Delta R.T. -0.000 min
Lab File: VX038995.D
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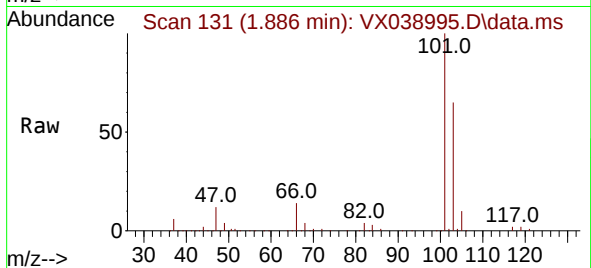
Tgt Ion: 64 Resp: 45845
Ion Ratio Lower Upper
64 100
66 30.9 25.1 37.7





#7
Trichlorofluoromethane
Concen: 49.101 ug/l
RT: 1.886 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX038995.D
Acq: 21 Nov 2023 19:16

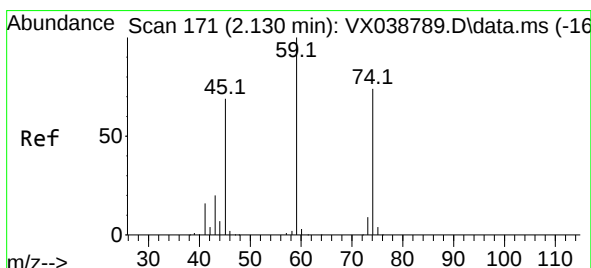
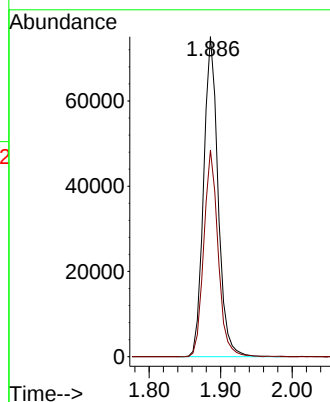
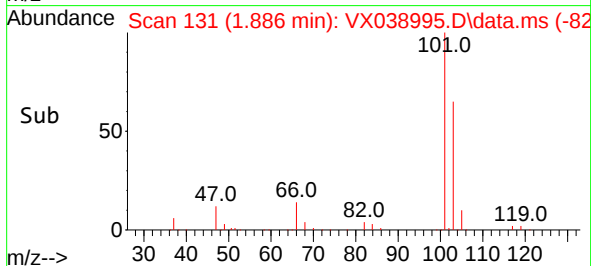
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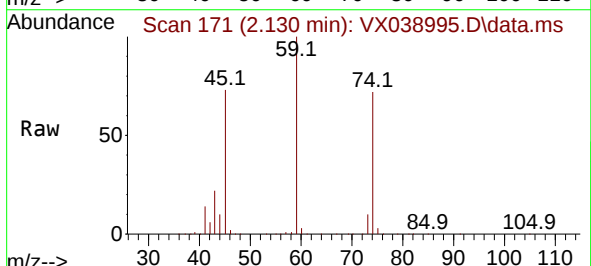
Tgt Ion:101 Resp: 105472
Ion Ratio Lower Upper
101 100
103 64.6 51.4 77.2

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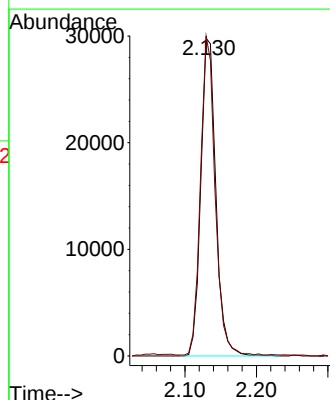
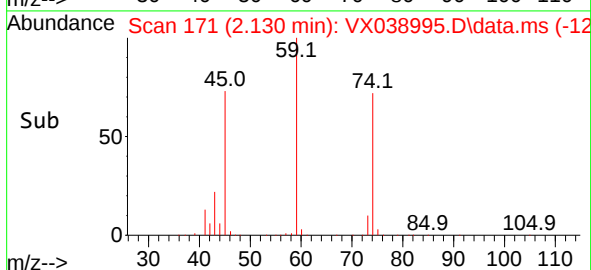
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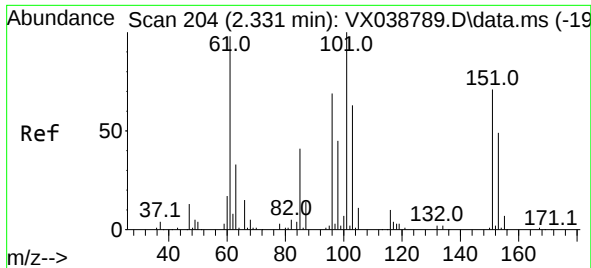


#8
Diethyl Ether
Concen: 46.567 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.000 min
Lab File: VX038995.D
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Tgt Ion: 74 Resp: 43567
Ion Ratio Lower Upper
74 100
45 97.7 53.3 159.8





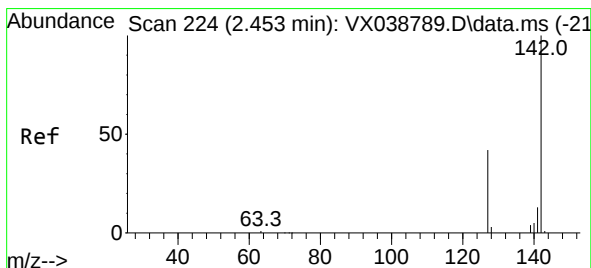
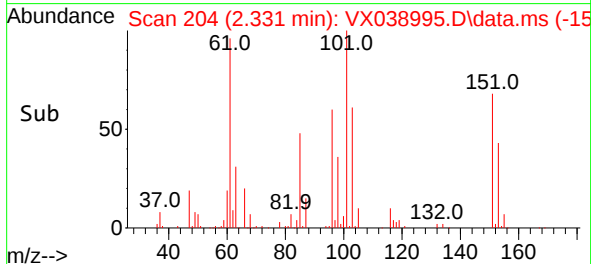
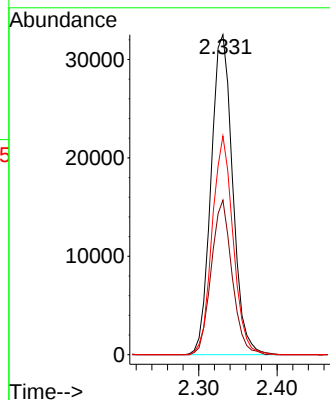
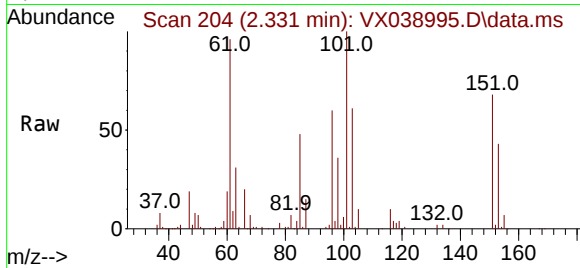
#9
1,1,2-Trichlorotrifluoroethane
Concen: 43.712 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX038995.D
Acq: 21 Nov 2023 19:16

Instrument :
MSVOA_X
ClientSampleId :
15BR-20231113MS

Tgt Ion:101 Resp: 62269
Ion Ratio Lower Upper
101 100
85 46.5 37.0 55.6
151 66.5 58.6 87.8

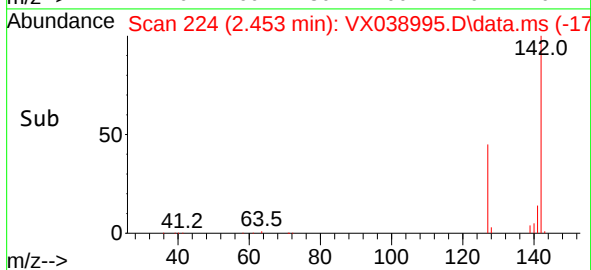
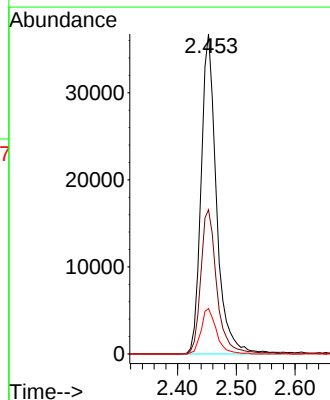
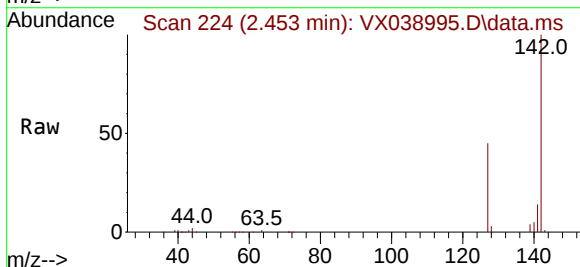
Manual Integrations
APPROVED

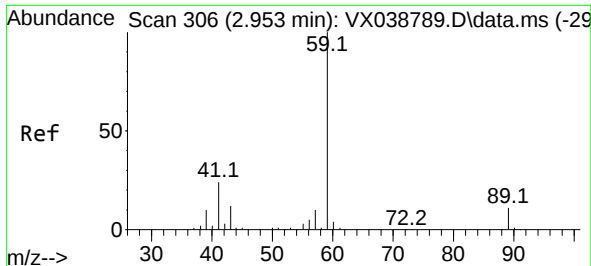
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023



#10
Methyl Iodide
Concen: 38.691 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX038995.D
Acq: 21 Nov 2023 19:16

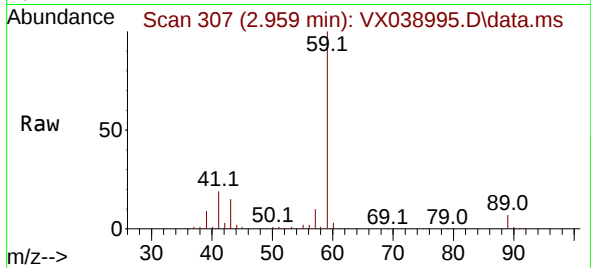
Tgt Ion:142 Resp: 67084
Ion Ratio Lower Upper
142 100
127 46.6 41.6 62.4
141 14.1 11.6 17.4





#11
Tert butyl alcohol
Concen: 252.494 ug/l
RT: 2.959 min Scan# 306
Delta R.T. 0.006 min
Lab File: VX038995.D
Acq: 21 Nov 2023 19:16

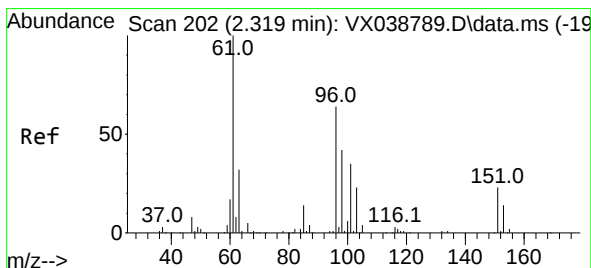
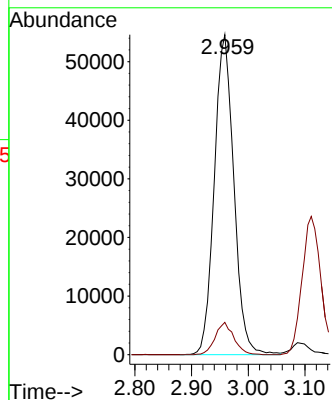
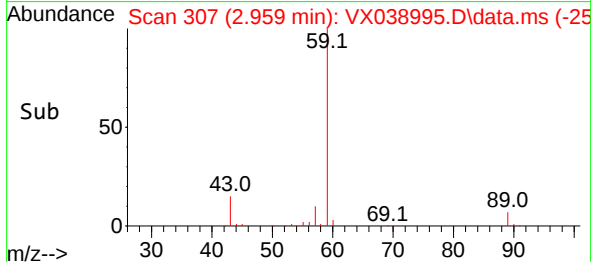
Instrument :
MSVOA_X
ClientSampleId :
15BR-20231113MS



Tgt Ion: 59 Resp: 130574
Ion Ratio Lower Upper
59 100
57 9.6 6.0 9.0

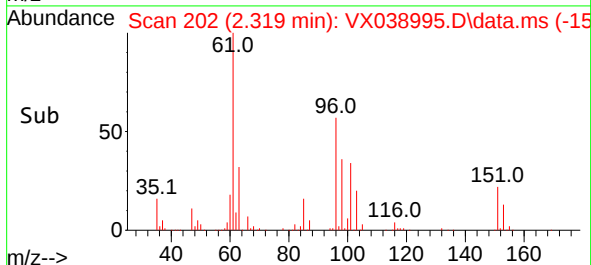
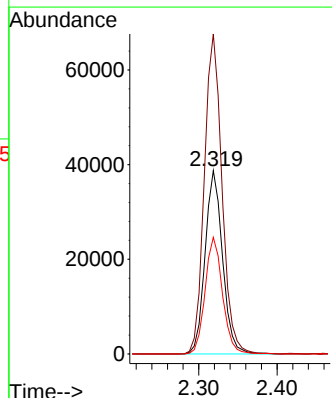
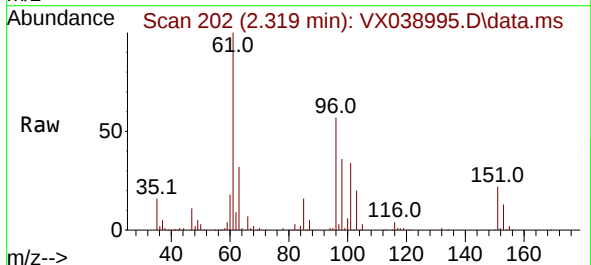
Manual Integrations
APPROVED

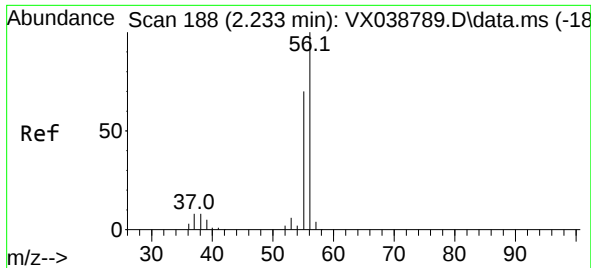
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023



#12
1,1-Dichloroethene
Concen: 41.624 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX038995.D
Acq: 21 Nov 2023 19:16

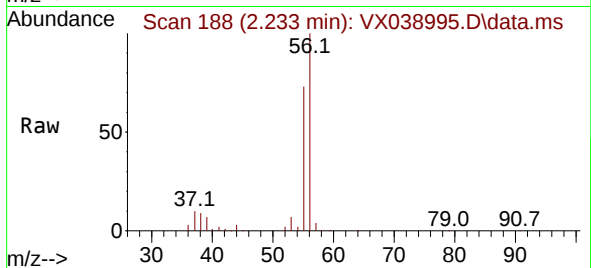
Tgt Ion: 96 Resp: 59864
Ion Ratio Lower Upper
96 100
61 174.5 144.6 216.8
98 63.6 50.4 75.6





#13
Acrolein
Concen: 253.846 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.000 min
Lab File: VX038995.D
Acq: 21 Nov 2023 19:16

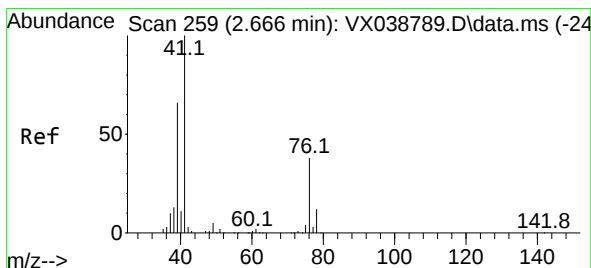
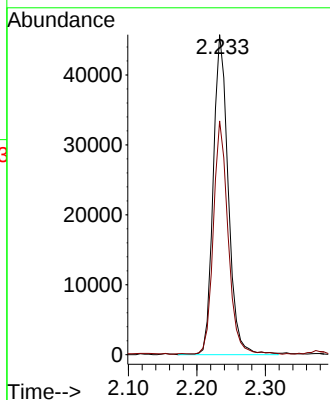
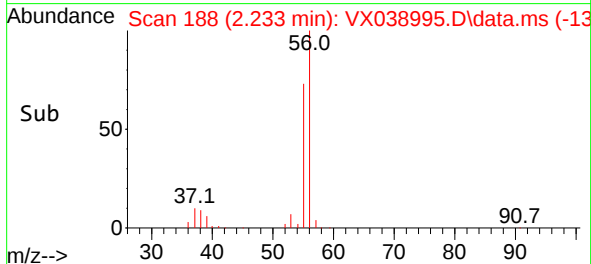
Instrument :
MSVOA_X
ClientSampleId :
15BR-20231113MS



Tgt Ion: 56 Resp: 69452
Ion Ratio Lower Upper
56 100
55 71.8 57.1 85.7

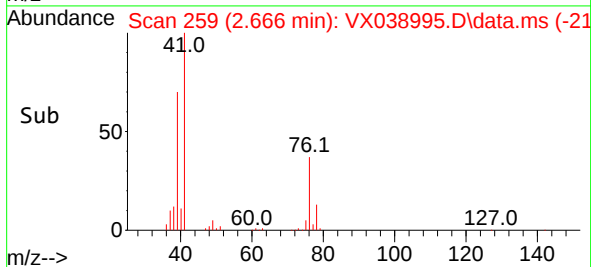
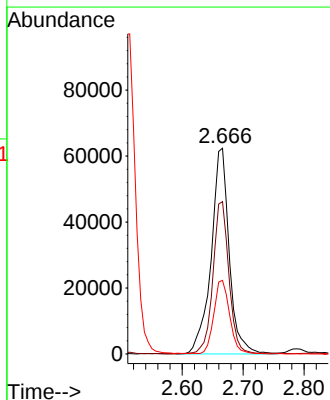
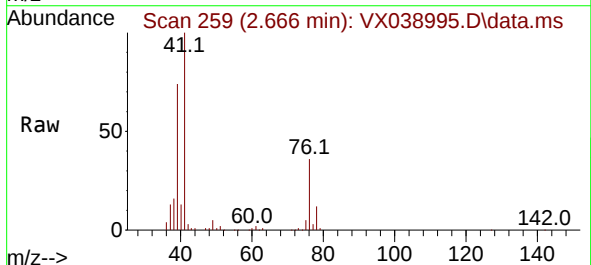
Manual Integrations
APPROVED

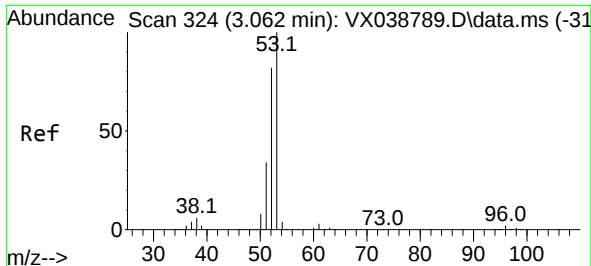
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023



#14
Allyl chloride
Concen: 44.859 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX038995.D
Acq: 21 Nov 2023 19:16

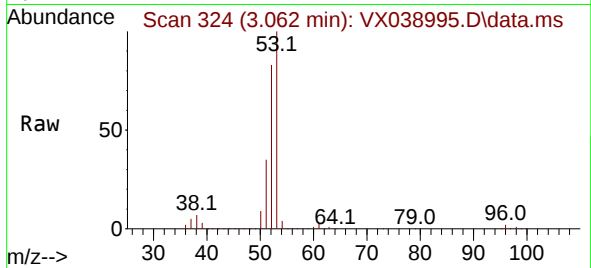
Tgt Ion: 41 Resp: 129170
Ion Ratio Lower Upper
41 100
39 65.5 55.8 83.6
76 31.2 24.3 36.5





#15
Acrylonitrile
Concen: 234.194 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX038995.D
Acq: 21 Nov 2023 19:16

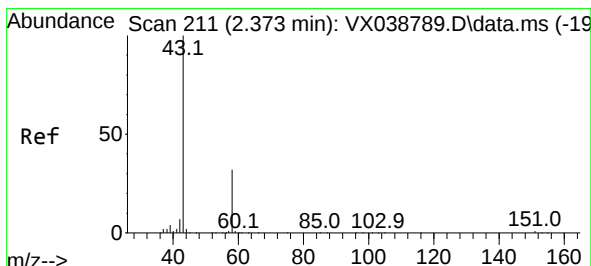
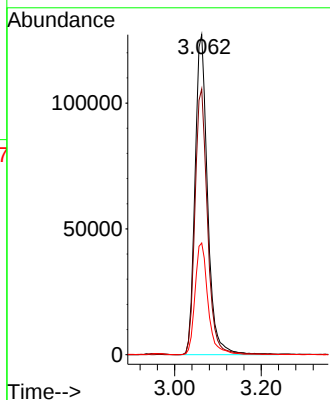
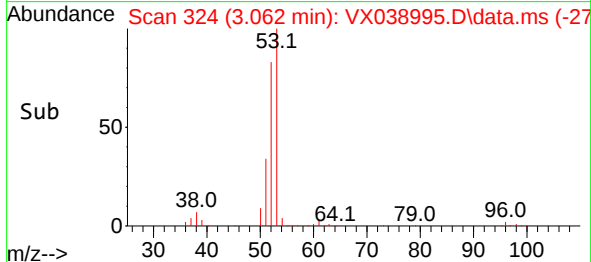
Instrument :
MSVOA_X
ClientSampleId :
15BR-20231113MS



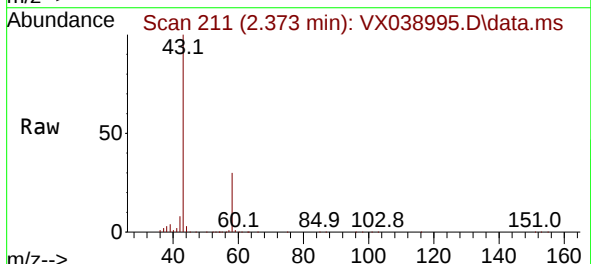
Tgt Ion: 53 Resp: 255900
Ion Ratio Lower Upper
53 100
52 82.8 66.0 99.0
51 36.0 29.8 44.6

Manual Integrations
APPROVED

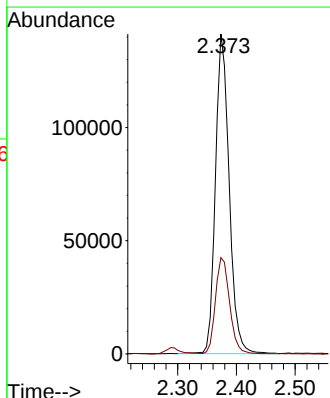
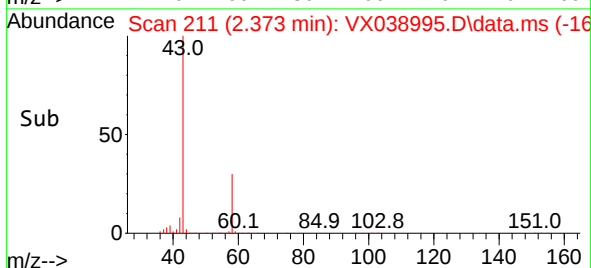
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023

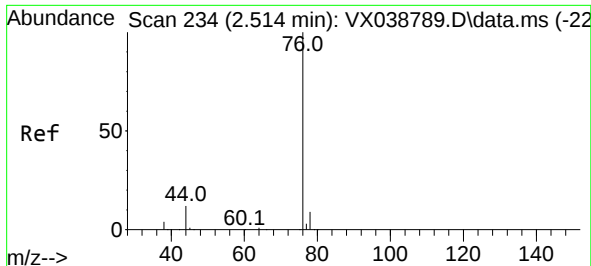


#16
Acetone
Concen: 230.782 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX038995.D
Acq: 21 Nov 2023 19:16



Tgt Ion: 43 Resp: 228427
Ion Ratio Lower Upper
43 100
58 30.1 21.9 32.9





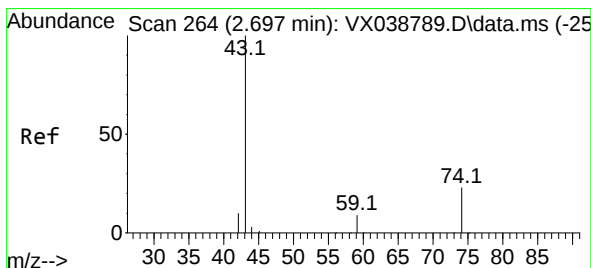
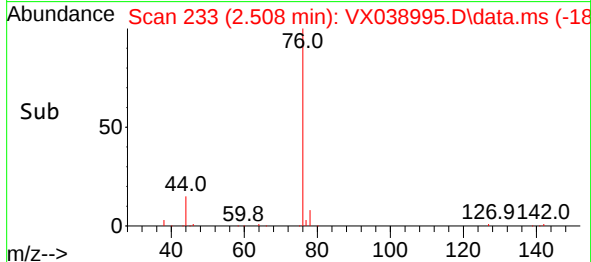
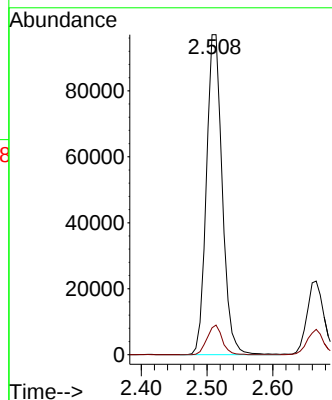
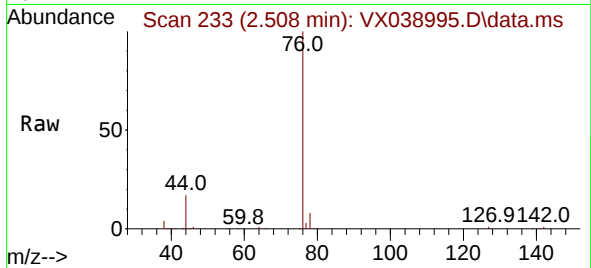
#17
Carbon Disulfide
Concen: 36.535 ug/l
RT: 2.508 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX038995.D
Acq: 21 Nov 2023 19:16

Instrument :
MSVOA_X
ClientSampleId :
15BR-20231113MS

Tgt Ion: 76 Resp: 16276
Ion Ratio Lower Upper
76 100
78 8.4 7.0 10.6

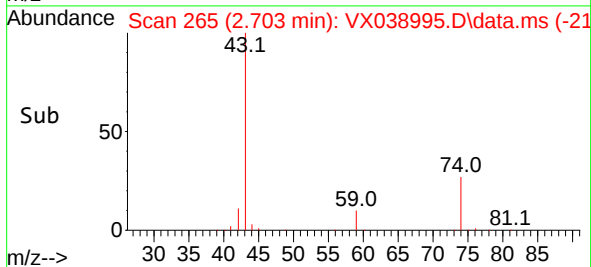
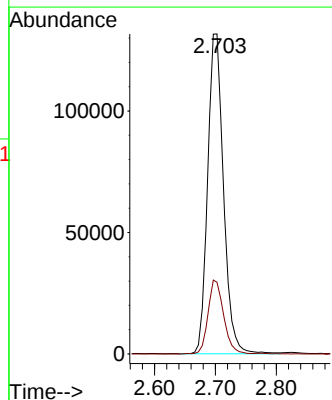
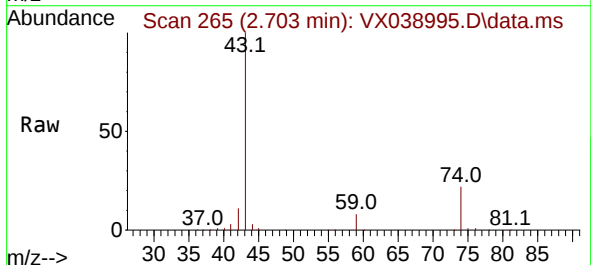
Manual Integrations
APPROVED

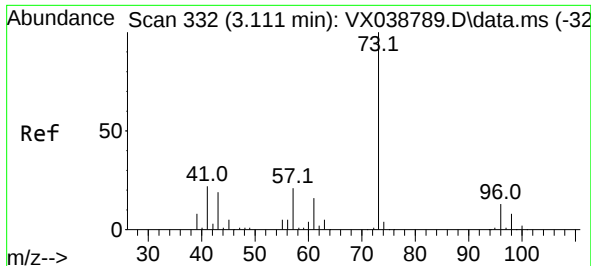
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023



#18
Methyl Acetate
Concen: 50.788 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.006 min
Lab File: VX038995.D
Acq: 21 Nov 2023 19:16

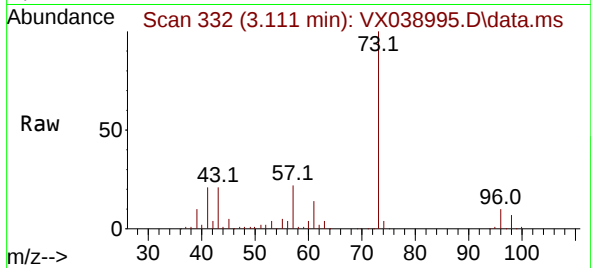
Tgt Ion: 43 Resp: 238774
Ion Ratio Lower Upper
43 100
74 22.8 17.8 26.8





#19
Methyl tert-butyl Ether
Concen: 47.887 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX038995.D
Acq: 21 Nov 2023 19:16

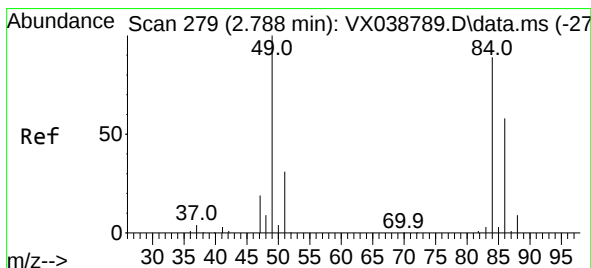
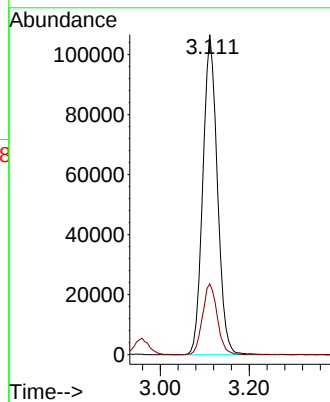
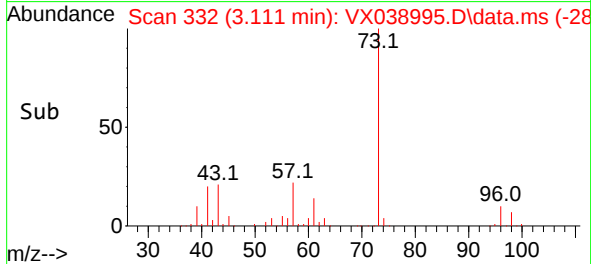
Instrument :
MSVOA_X
ClientSampleId :
15BR-20231113MS



Tgt Ion: 73 Resp: 242234
Ion Ratio Lower Upper
73 100
57 22.1 17.3 25.9

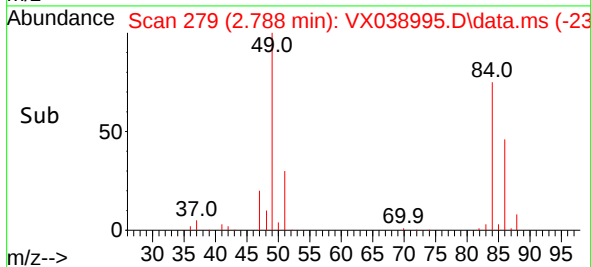
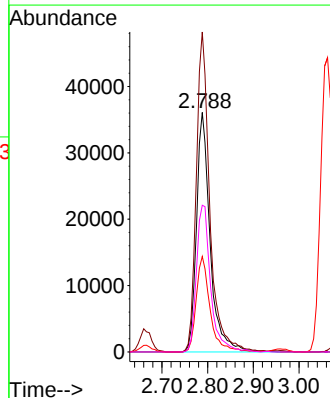
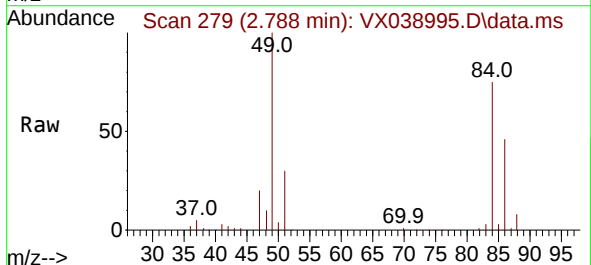
Manual Integrations
APPROVED

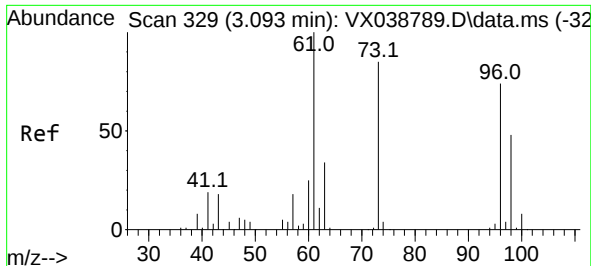
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023



#20
Methylene Chloride
Concen: 41.940 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX038995.D
Acq: 21 Nov 2023 19:16

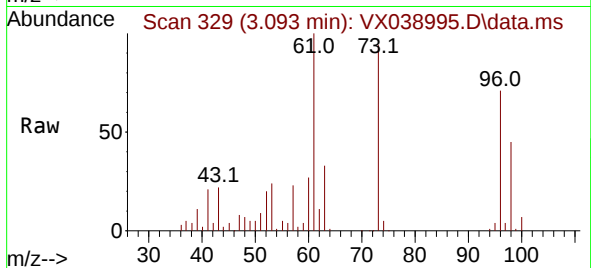
Tgt Ion: 84 Resp: 74831
Ion Ratio Lower Upper
84 100
49 133.6 103.6 155.4
51 39.9 33.8 50.6
86 61.3 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 42.988 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX038995.D
Acq: 21 Nov 2023 19:16

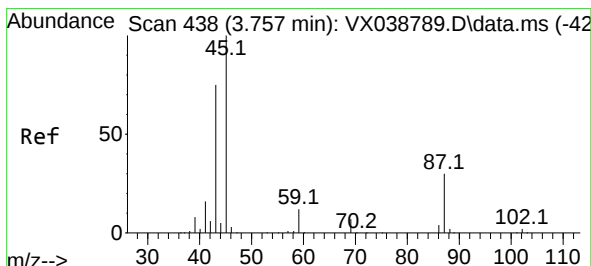
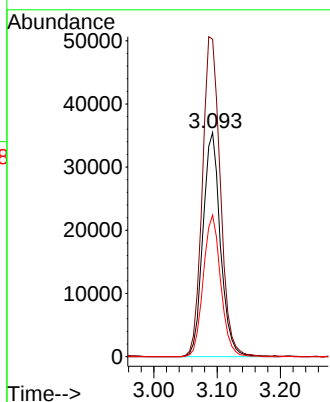
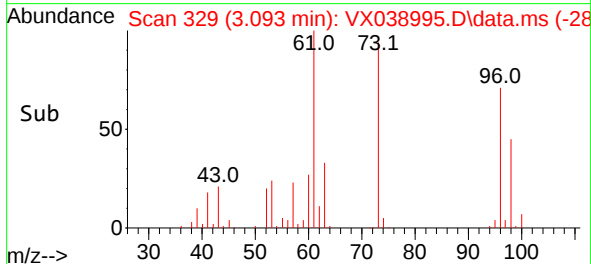
Instrument :
MSVOA_X
ClientSampleId :
15BR-20231113MS



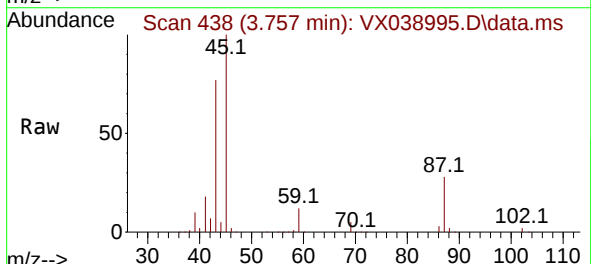
Tgt Ion: 96 Resp: 6821
Ion Ratio Lower Upper
96 100
61 141.6 119.2 178.8
98 63.2 48.7 73.1

Manual Integrations
APPROVED

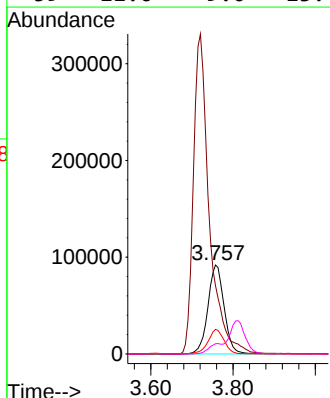
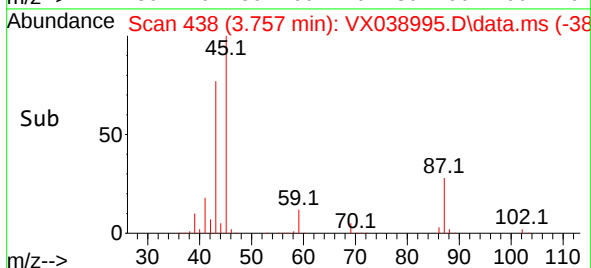
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023

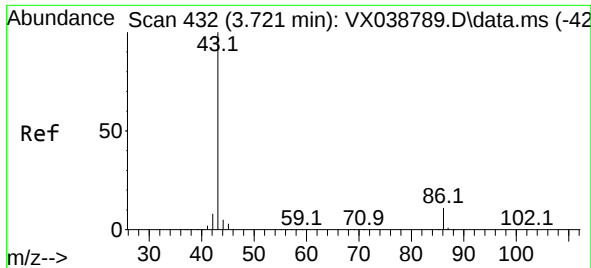


#22
Diisopropyl ether
Concen: 47.567 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.000 min
Lab File: VX038995.D
Acq: 21 Nov 2023 19:16



Tgt Ion: 45 Resp: 251267
Ion Ratio Lower Upper
45 100
43 76.9 69.7 104.5
87 27.7 20.8 31.2
59 11.6 9.0 13.4





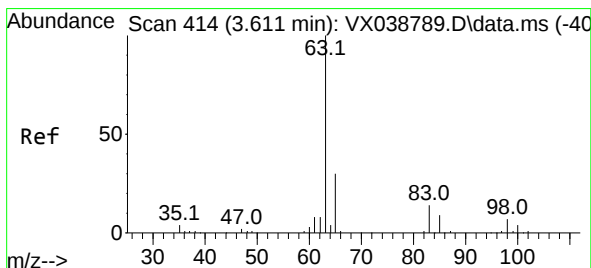
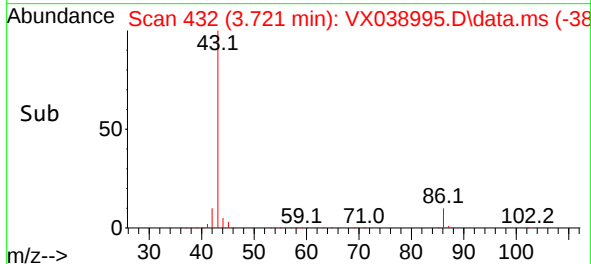
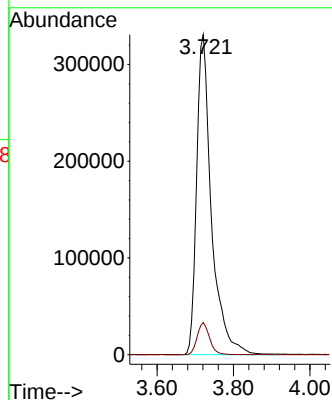
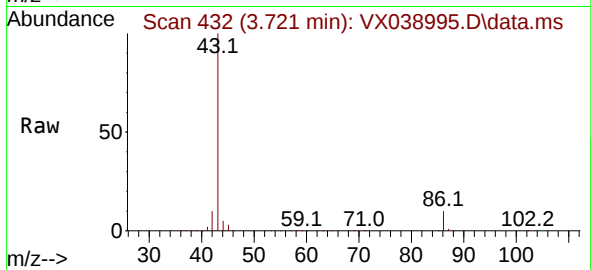
#23
 Vinyl Acetate
 Concen: 233.764 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX038995.D
 Acq: 21 Nov 2023 19:16

Instrument :
 MSVOA_X
 ClientSampleId :
 15BR-20231113MS

Tgt Ion: 43 Resp: 88934
 Ion Ratio Lower Upper
 43 100
 86 10.1 7.8 11.8

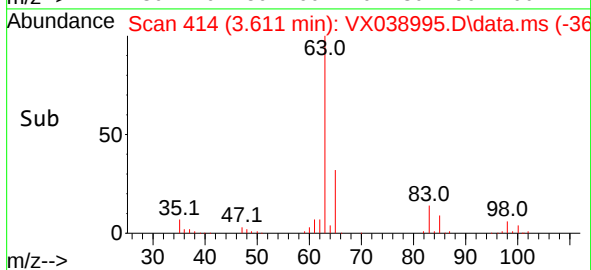
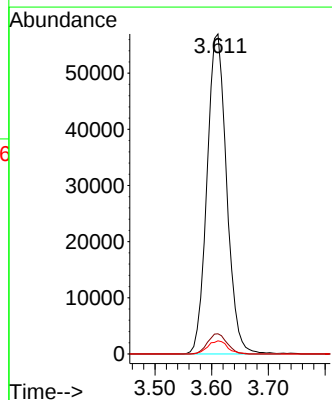
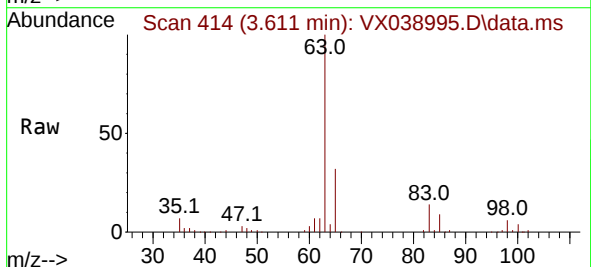
Manual Integrations
 APPROVED

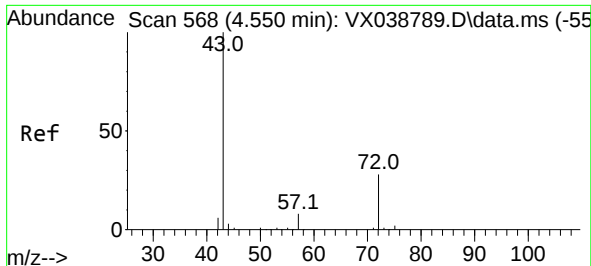
Reviewed By :John Carlone 11/22/2023
 Supervised By :Mahesh Dadoda 11/22/2023



#24
 1,1-Dichloroethane
 Concen: 46.393 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. -0.000 min
 Lab File: VX038995.D
 Acq: 21 Nov 2023 19:16

Tgt Ion: 63 Resp: 137046
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.3 9.8
 100 4.1 2.1 6.5





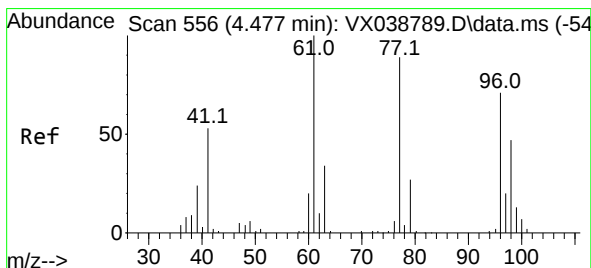
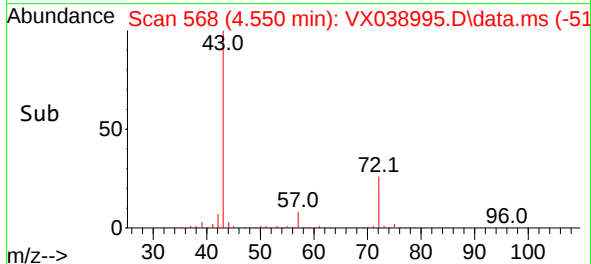
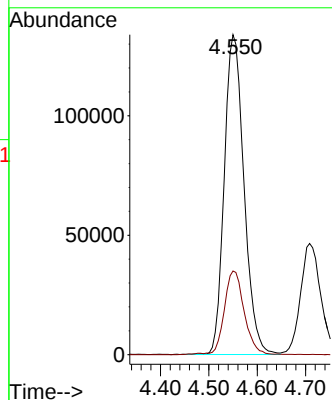
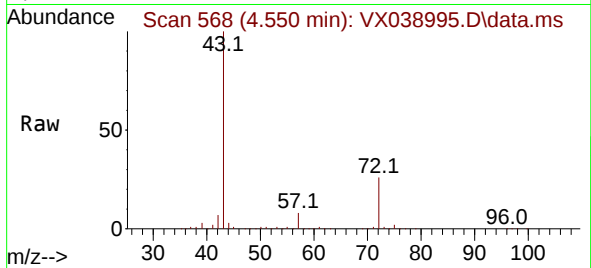
#25
2-Butanone
Concen: 236.089 ug/l
RT: 4.550 min Scan# 50
Delta R.T. -0.000 min
Lab File: VX038995.D
Acq: 21 Nov 2023 19:16

Instrument :
MSVOA_X
ClientSampleId :
15BR-20231113MS

Tgt Ion: 43 Resp: 378944
Ion Ratio Lower Upper
43 100
72 26.1 19.4 29.2

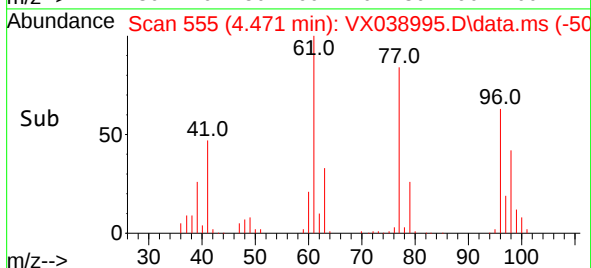
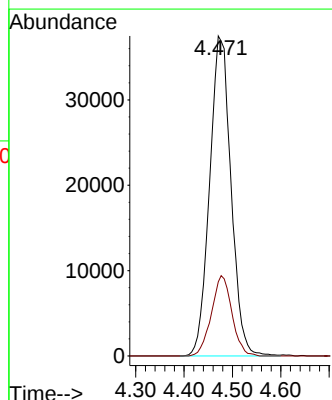
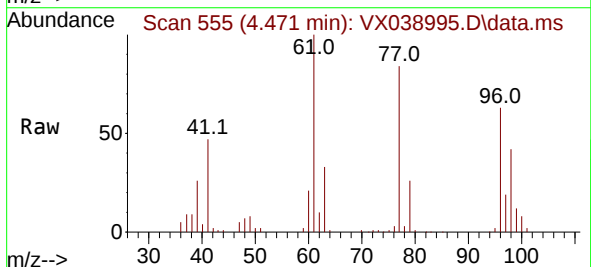
Manual Integrations
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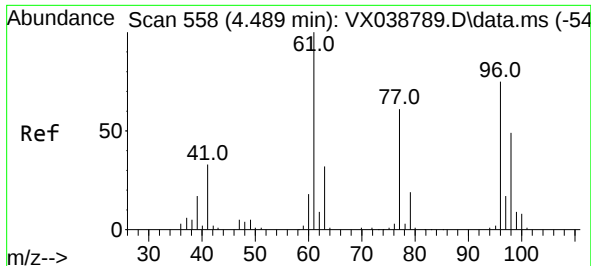
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023



#26
2,2-Dichloropropane
Concen: 44.965 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.006 min
Lab File: VX038995.D
Acq: 21 Nov 2023 19:16

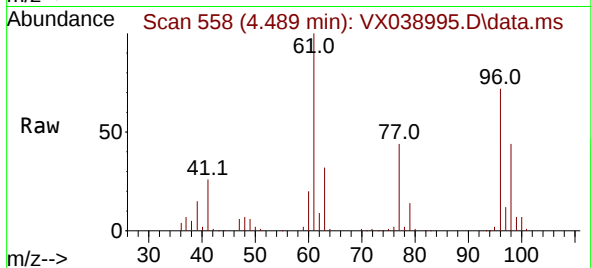
Tgt Ion: 77 Resp: 115216
Ion Ratio Lower Upper
77 100
97 24.1 10.8 32.3





#27
 cis-1,2-Dichloroethene
 Concen: 67.251 ug/l
 RT: 4.489 min Scan# 558
 Delta R.T. -0.000 min
 Lab File: VX038995.D
 Acq: 21 Nov 2023 19:16

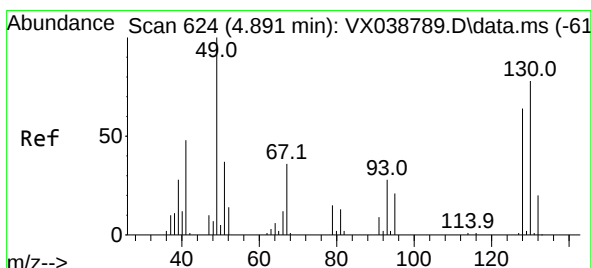
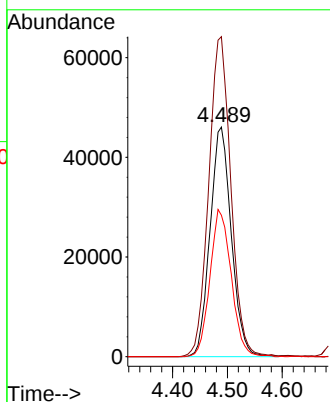
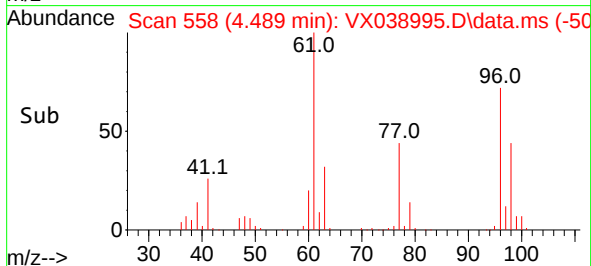
Instrument :
 MSVOA_X
 ClientSampleId :
 15BR-20231113MS



Tgt Ion: 96 Resp: 12439
 Ion Ratio Lower Upper
 96 100
 61 144.4 0.0 312.2
 98 63.9 0.0 129.0

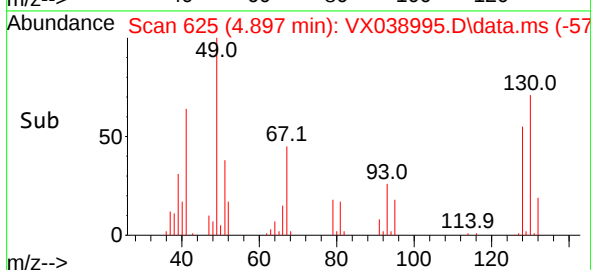
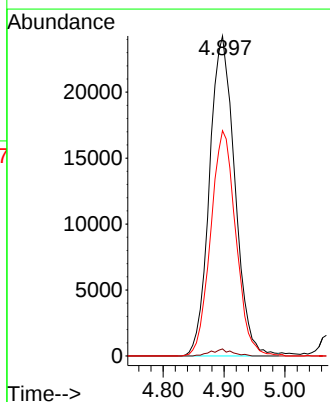
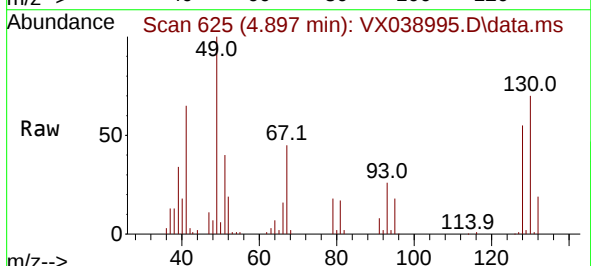
Manual Integrations
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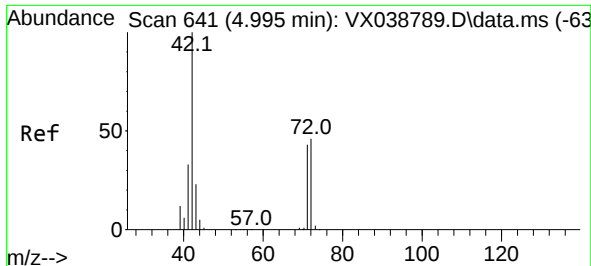
Reviewed By :John Carlone 11/22/2023
 Supervised By :Mahesh Dadoda 11/22/2023



#28
 Bromochloromethane
 Concen: 49.393 ug/l
 RT: 4.897 min Scan# 625
 Delta R.T. 0.006 min
 Lab File: VX038995.D
 Acq: 21 Nov 2023 19:16

Tgt Ion: 49 Resp: 70053
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 3.8
 130 70.1 57.5 86.3





#29

Tetrahydrofuran

Concen: 242.951 ug/l

RT: 4.995 min Scan# 641

Delta R.T. -0.000 min

Lab File: VX038995.D

Acq: 21 Nov 2023 19:16

Instrument :

MSVOA_X

ClientSampleId :

15BR-20231113MS

Tgt Ion: 42 Resp: 24760

Ion Ratio Lower Upper

42 100

72 44.2 34.2 51.4

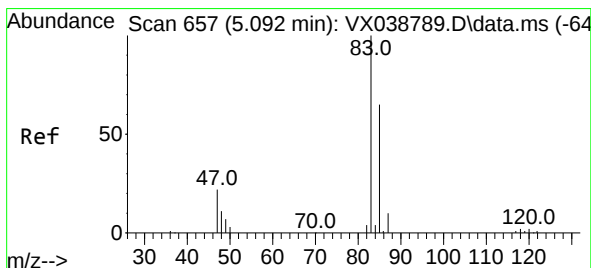
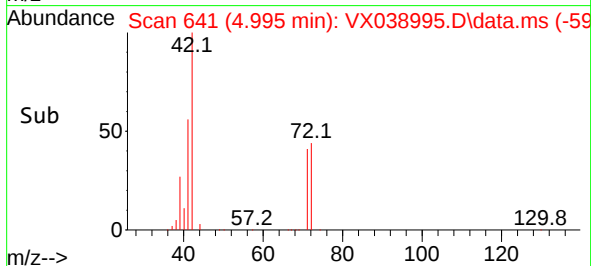
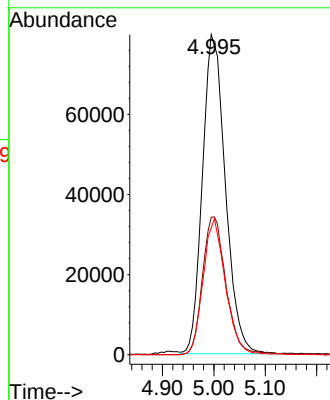
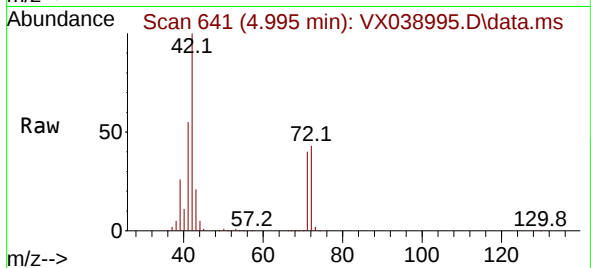
71 41.3 32.2 48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2023

Supervised By :Mahesh Dadoda 11/22/2023



#30

Chloroform

Concen: 47.873 ug/l

RT: 5.092 min Scan# 657

Delta R.T. -0.000 min

Lab File: VX038995.D

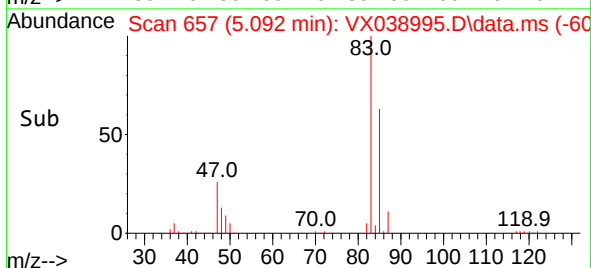
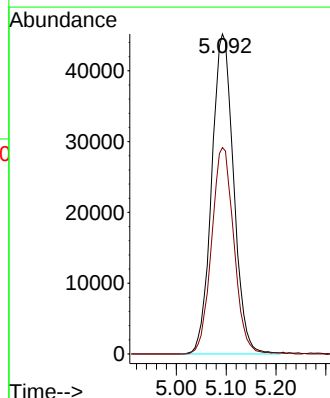
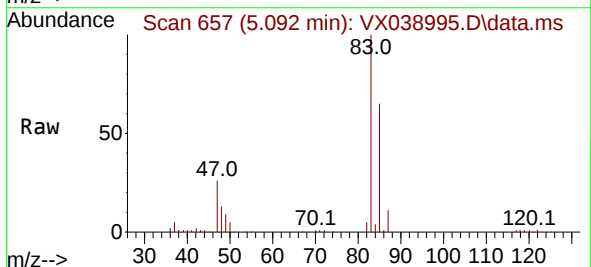
Acq: 21 Nov 2023 19:16

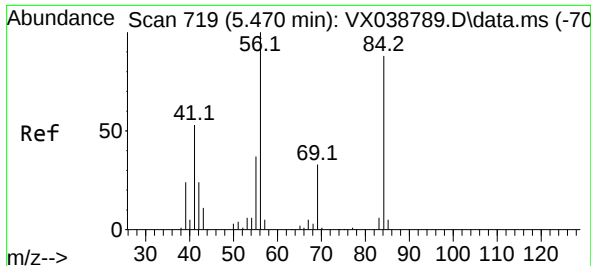
Tgt Ion: 83 Resp: 138090

Ion Ratio Lower Upper

83 100

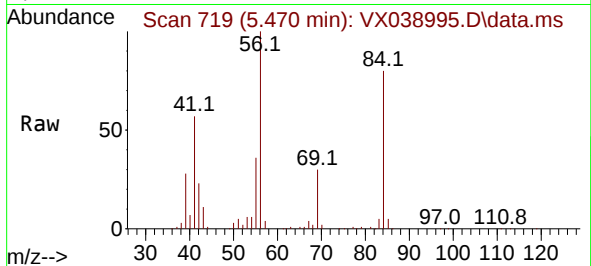
85 64.5 50.3 75.5





#31
Cyclohexane
Concen: 43.048 ug/l
RT: 5.470 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX038995.D
Acq: 21 Nov 2023 19:16

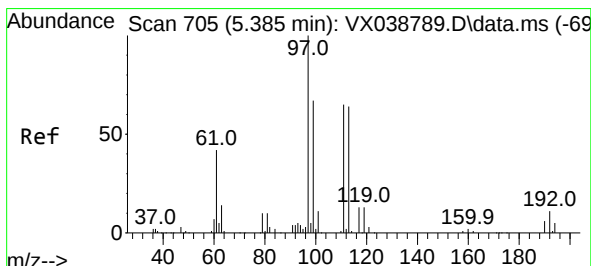
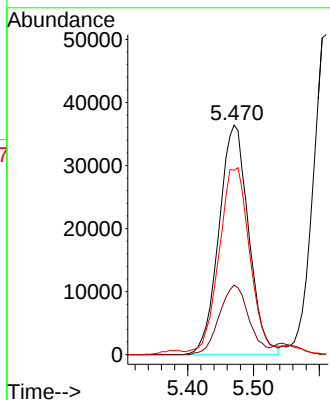
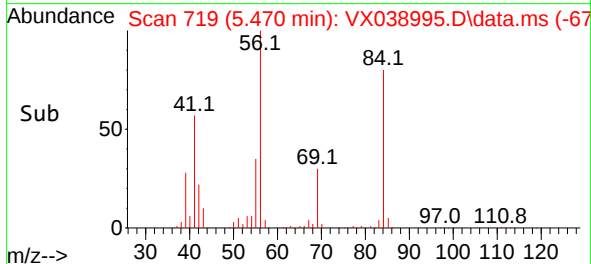
Instrument :
MSVOA_X
ClientSampleId :
15BR-20231113MS



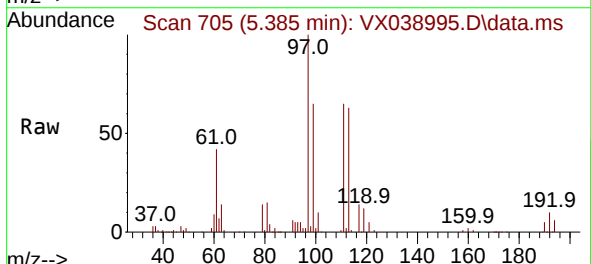
Tgt Ion: 56 Resp: 11427
Ion Ratio Lower Upper
56 100
69 30.3 23.4 35.2
84 78.4 65.9 98.9

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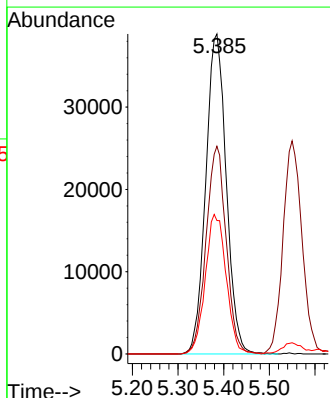
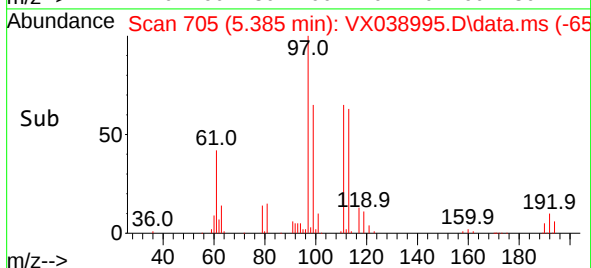
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023

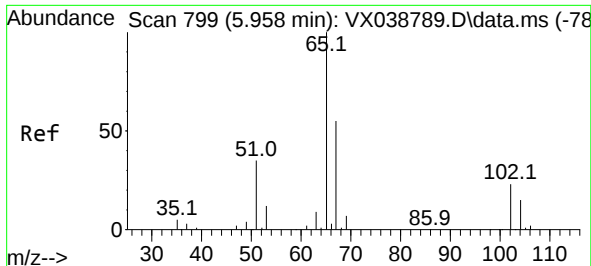


#32
1,1,1-Trichloroethane
Concen: 48.485 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX038995.D
Acq: 21 Nov 2023 19:16



Tgt Ion: 97 Resp: 121137
Ion Ratio Lower Upper
97 100
99 63.9 51.1 76.7
61 44.6 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 50.151 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX038995.D

Acq: 21 Nov 2023 19:16

Instrument :

MSVOA_X

ClientSampleId :

15BR-20231113MS

Tgt Ion: 65 Resp: 93248

Ion Ratio Lower Upper

65 100

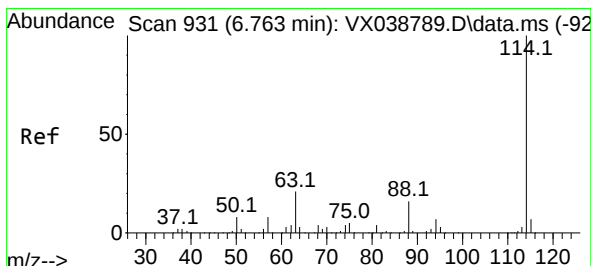
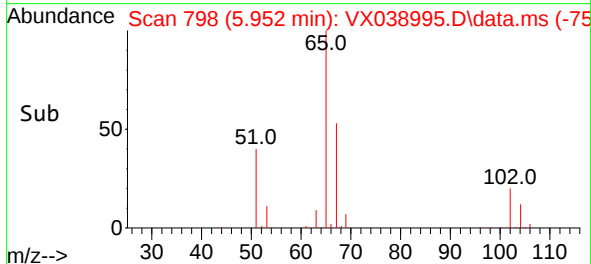
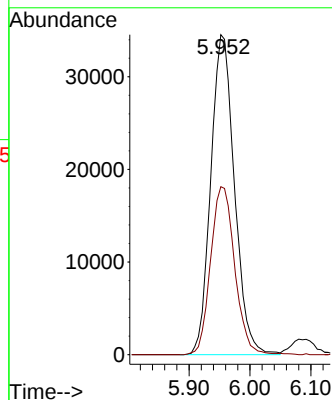
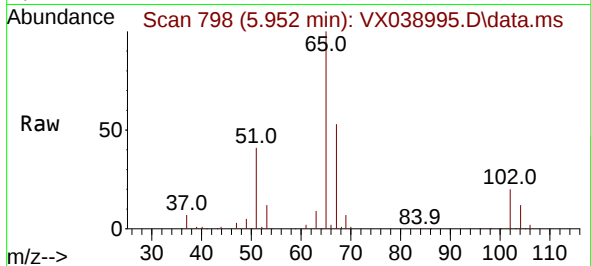
67 53.3 0.0 100.2

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: VX038995.D

Acq: 21 Nov 2023 19:16

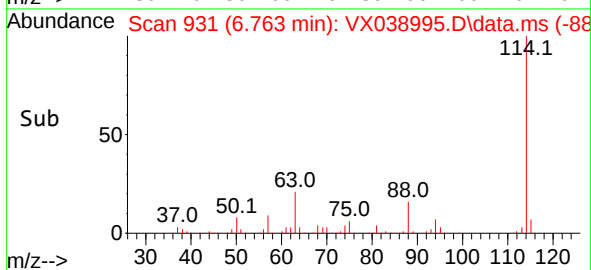
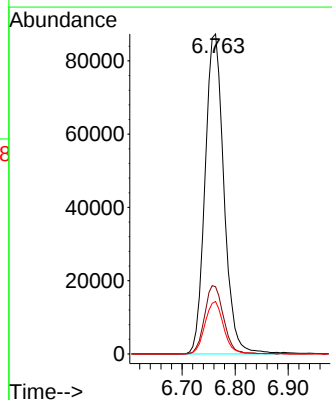
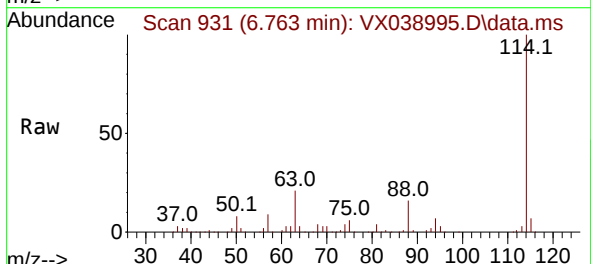
Tgt Ion:114 Resp: 215900

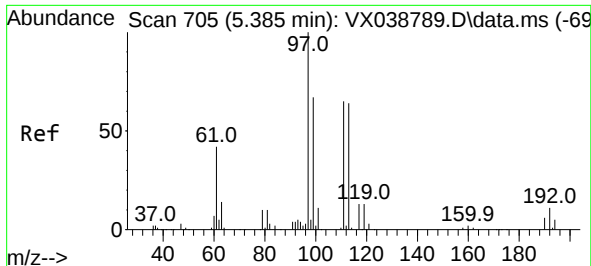
Ion Ratio Lower Upper

114 100

63 21.0 0.0 45.0

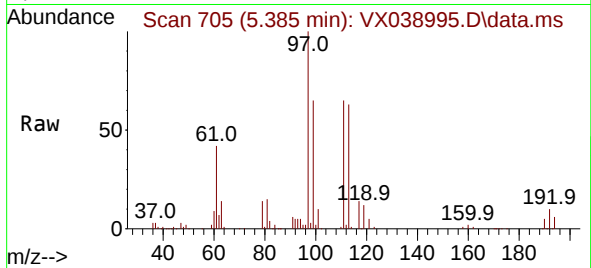
88 16.4 0.0 36.6





#35
Dibromofluoromethane
Concen: 46.384 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX038995.D
Acq: 21 Nov 2023 19:16

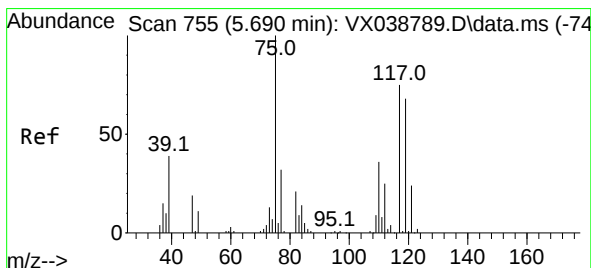
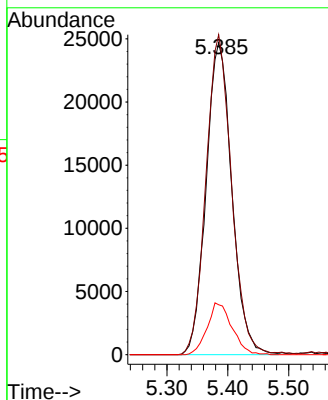
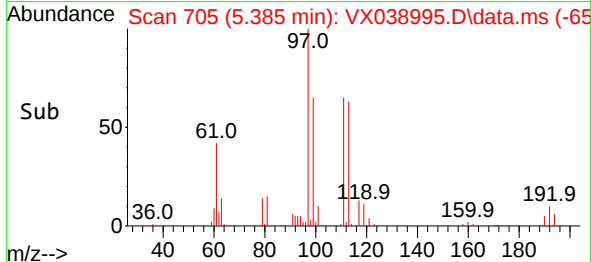
Instrument :
MSVOA_X
ClientSampleId :
15BR-20231113MS



Tgt Ion: 113 Resp: 72320
Ion Ratio Lower Upper
113 100
111 101.9 82.9 124.3
192 16.0 13.3 19.9

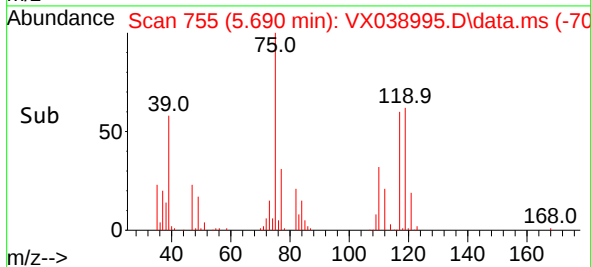
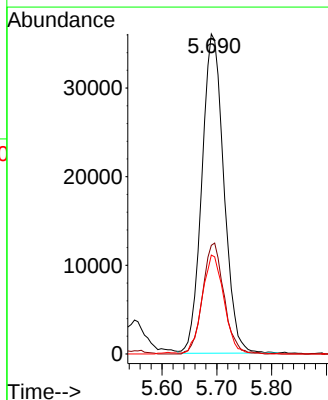
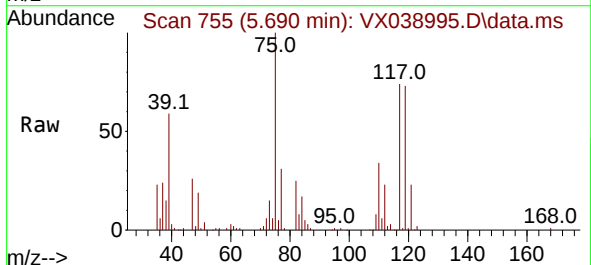
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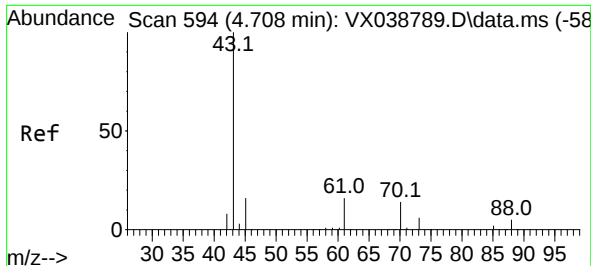
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023



#36
1,1-Dichloropropene
Concen: 44.816 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.000 min
Lab File: VX038995.D
Acq: 21 Nov 2023 19:16

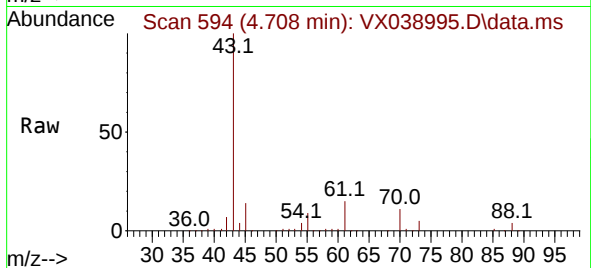
Tgt Ion: 75 Resp: 100156
Ion Ratio Lower Upper
75 100
110 33.8 17.0 50.9
77 31.0 24.7 37.1





#37
Ethyl Acetate
Concen: 46.977 ug/l
RT: 4.708 min Scan# 594
Delta R.T. -0.000 min
Lab File: VX038995.D
Acq: 21 Nov 2023 19:16

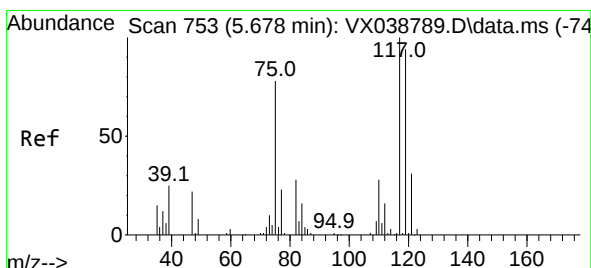
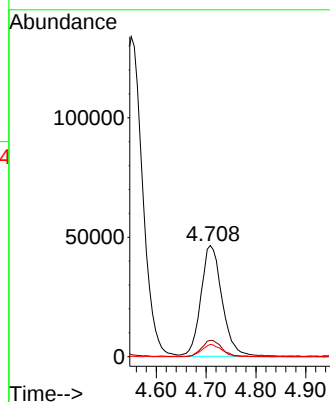
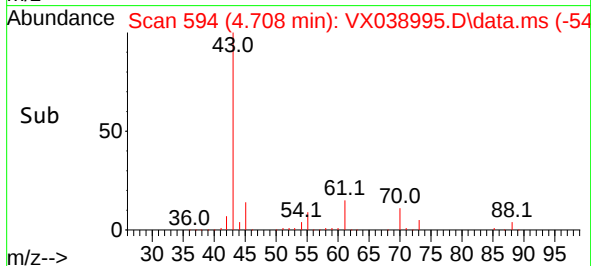
Instrument :
MSVOA_X
ClientSampleId :
15BR-20231113MS



Tgt Ion: 43 Resp: 136780
Ion Ratio Lower Upper
43 100
61 13.8 10.6 16.0
70 10.6 8.3 12.5

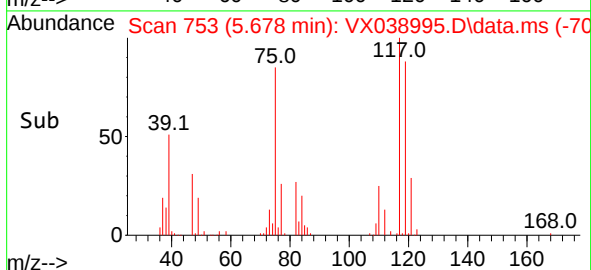
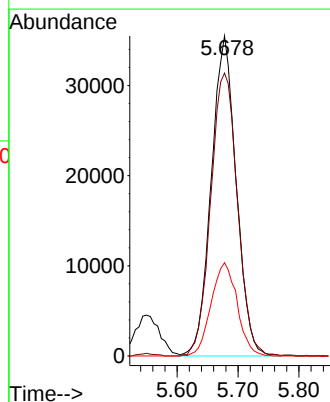
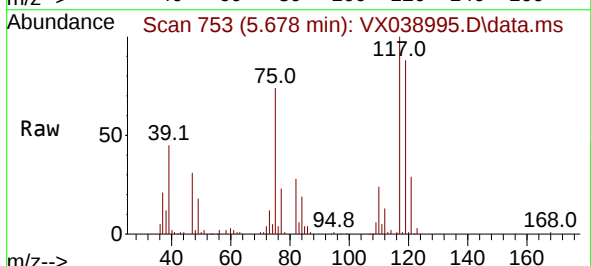
Manual Integrations
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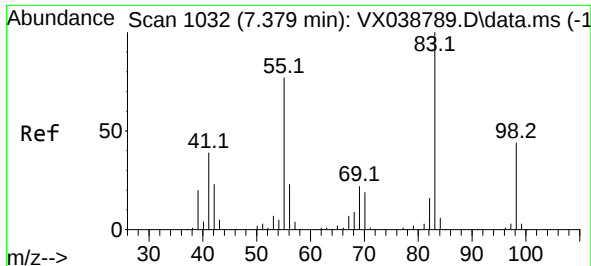
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023



#38
Carbon Tetrachloride
Concen: 48.921 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.000 min
Lab File: VX038995.D
Acq: 21 Nov 2023 19:16

Tgt Ion:117 Resp: 101045
Ion Ratio Lower Upper
117 100
119 88.4 78.2 117.2
121 29.2 24.4 36.6





#39

Methylcyclohexane

Concen: 41.038 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.000 min

Lab File: VX038995.D

Acq: 21 Nov 2023 19:16

Instrument :

MSVOA_X

ClientSampleId :

15BR-20231113MS

Tgt Ion: 83 Resp: 119628

Ion Ratio Lower Upper

83 100

55 79.9 64.6 97.0

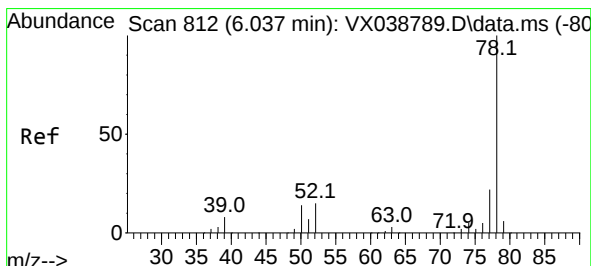
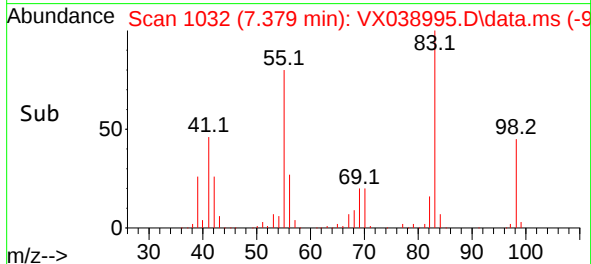
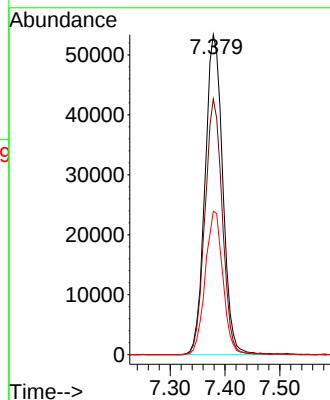
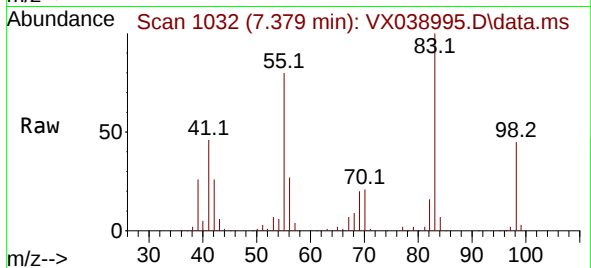
98 44.8 36.7 55.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2023

Supervised By :Mahesh Dadoda 11/22/2023



#40

Benzene

Concen: 44.629 ug/l

RT: 6.037 min Scan# 812

Delta R.T. -0.000 min

Lab File: VX038995.D

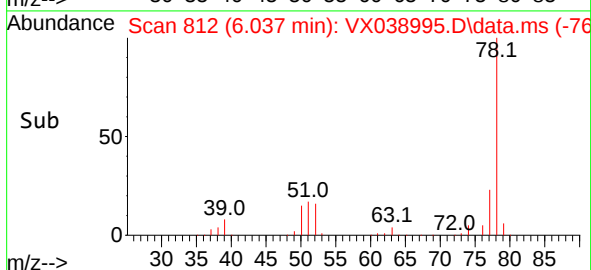
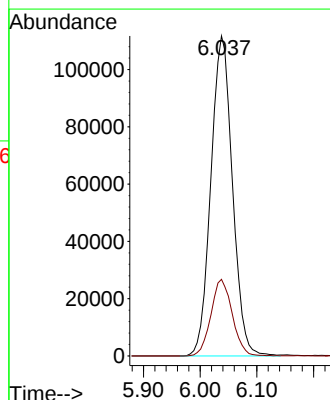
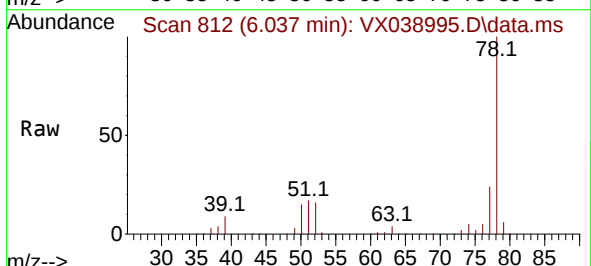
Acq: 21 Nov 2023 19:16

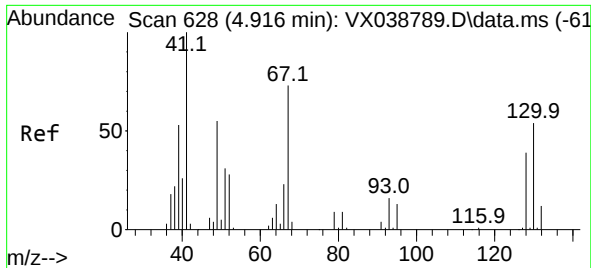
Tgt Ion: 78 Resp: 294992

Ion Ratio Lower Upper

78 100

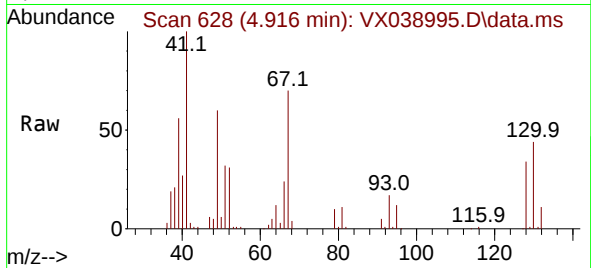
77 24.0 19.3 28.9





#41
Methacrylonitrile
Concen: 47.609 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX038995.D
Acq: 21 Nov 2023 19:16

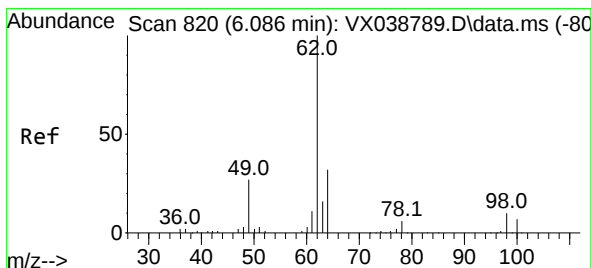
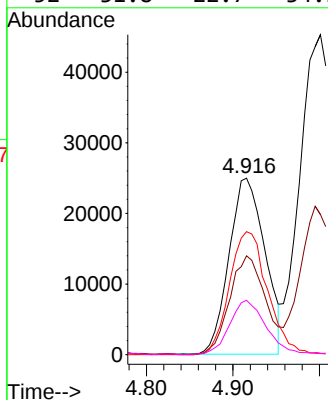
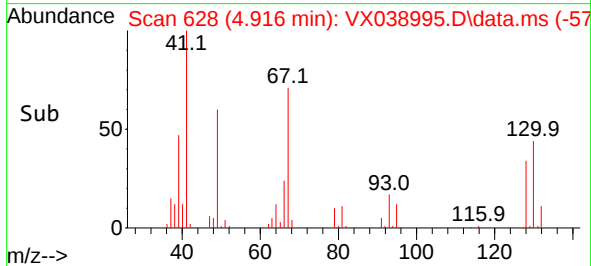
Instrument :
MSVOA_X
ClientSampleId :
15BR-20231113MS



Tgt Ion: 41 Resp: 71895
Ion Ratio Lower Upper
41 100
39 57.2 45.2 67.8
67 74.4 52.6 78.8
52 31.8 22.7 34.1

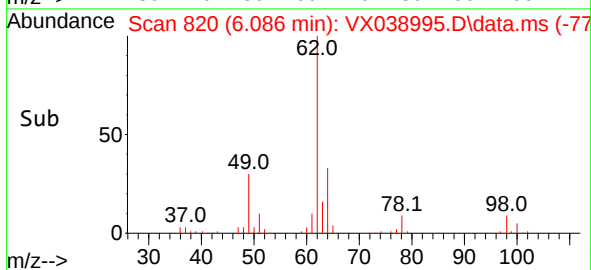
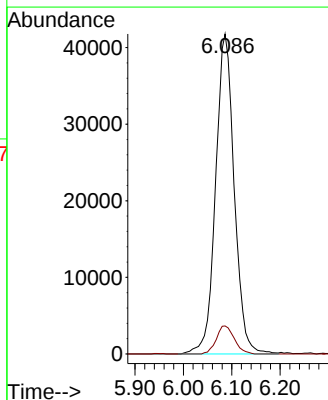
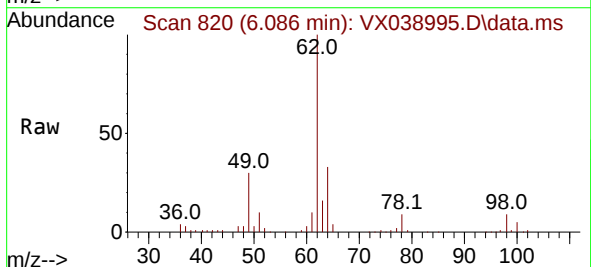
Manual Integrations
APPROVED

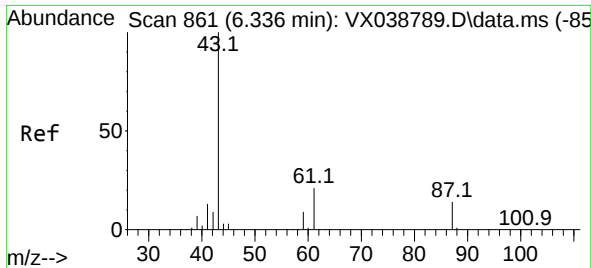
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023



#42
1,2-Dichloroethane
Concen: 51.017 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.000 min
Lab File: VX038995.D
Acq: 21 Nov 2023 19:16

Tgt Ion: 62 Resp: 111725
Ion Ratio Lower Upper
62 100
98 8.5 0.0 16.0





#43

Isopropyl Acetate

Concen: 46.972 ug/l

RT: 6.336 min Scan# 80

Delta R.T. -0.000 min

Lab File: VX038995.D

Acq: 21 Nov 2023 19:16

Instrument :

MSVOA_X

ClientSampleId :

15BR-20231113MS

Tgt Ion: 43 Resp: 218570

Ion Ratio Lower Upper

43 100

61 19.2 15.2 22.8

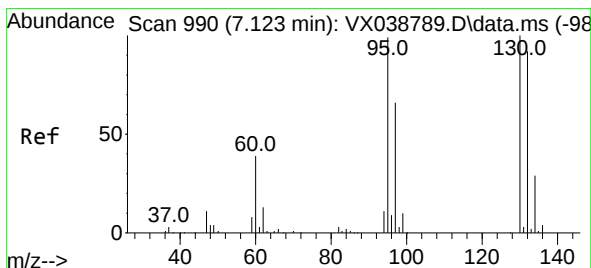
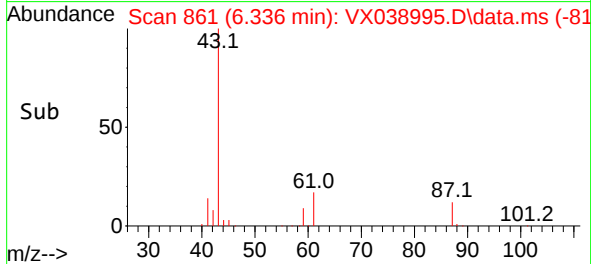
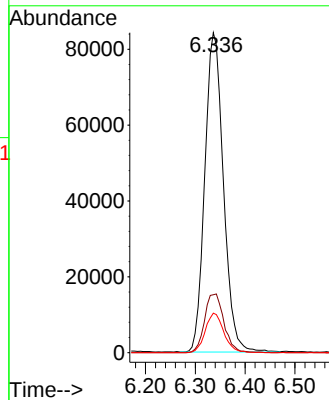
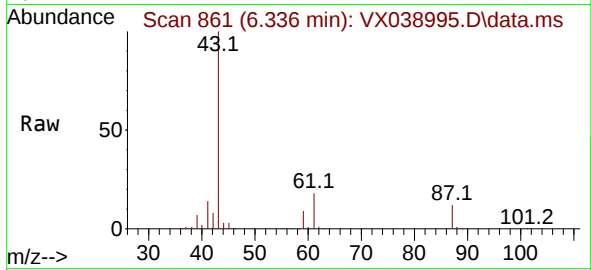
87 12.4 9.8 14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2023

Supervised By :Mahesh Dadoda 11/22/2023



#44

Trichloroethene

Concen: 79.817 ug/l

RT: 7.123 min Scan# 990

Delta R.T. -0.000 min

Lab File: VX038995.D

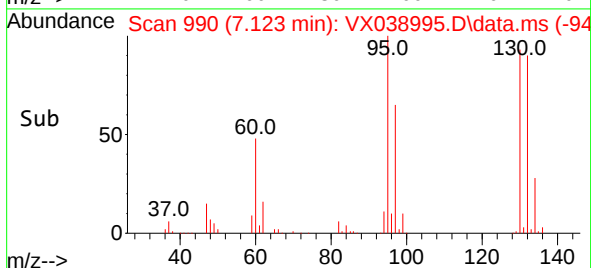
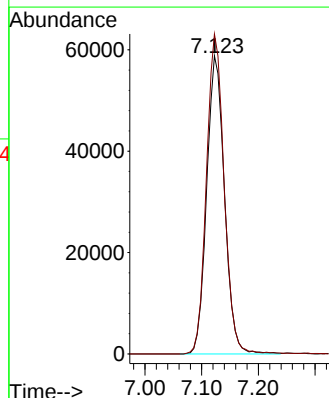
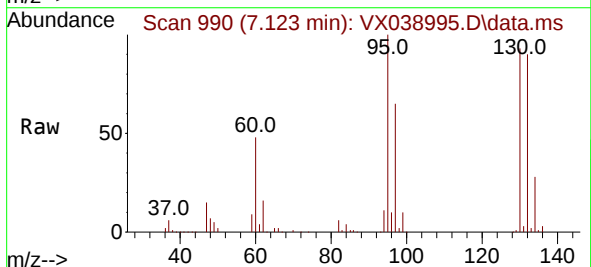
Acq: 21 Nov 2023 19:16

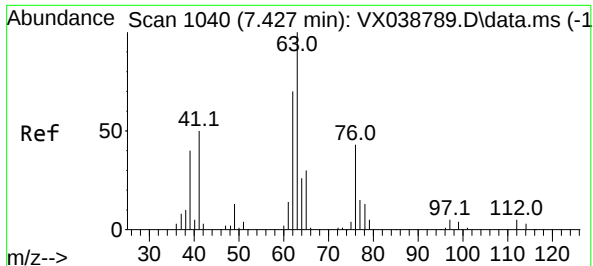
Tgt Ion:130 Resp: 128418

Ion Ratio Lower Upper

130 100

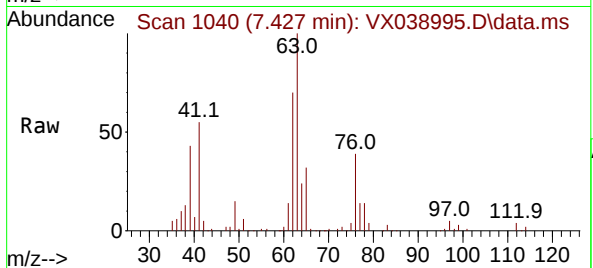
95 107.4 0.0 204.4





#45
1,2-Dichloropropane
Concen: 46.056 ug/l
RT: 7.427 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VX038995.D
Acq: 21 Nov 2023 19:16

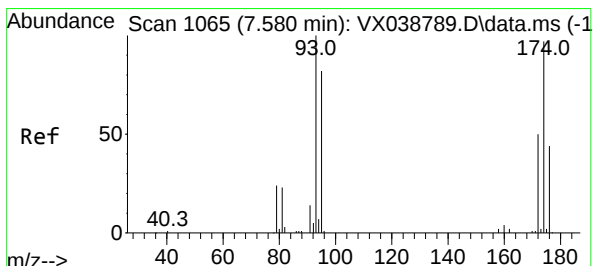
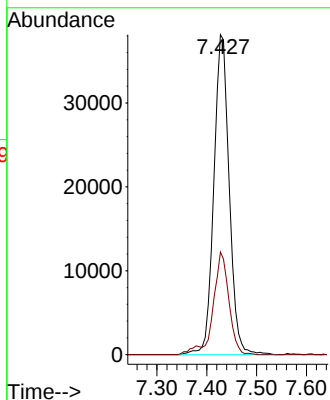
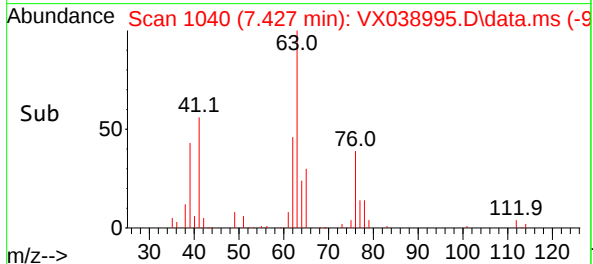
Instrument :
MSVOA_X
ClientSampleId :
15BR-20231113MS



Tgt Ion: 63 Resp: 81924
Ion Ratio Lower Upper
63 100
65 32.1 24.3 36.5

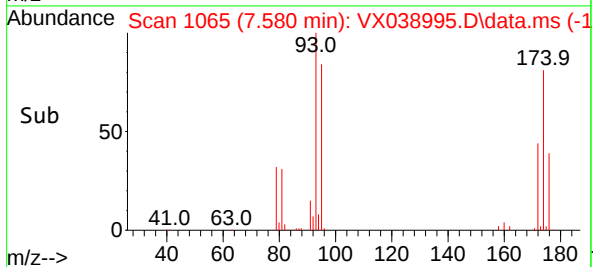
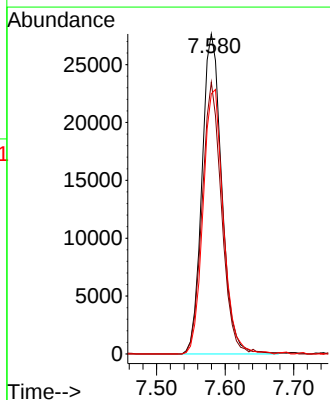
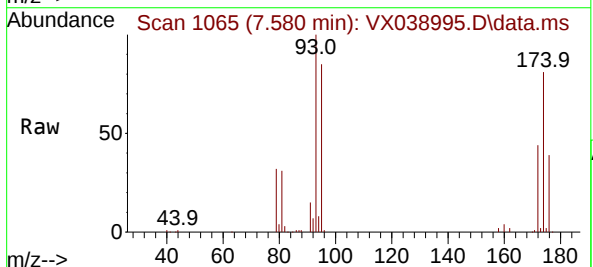
Manual Integrations
APPROVED

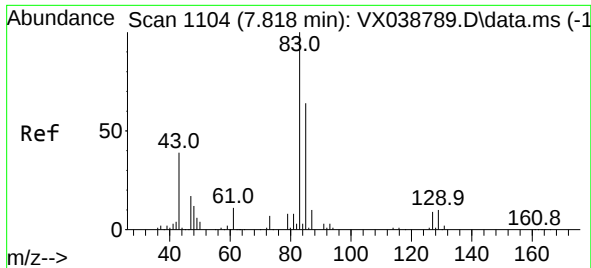
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023



#46
Dibromomethane
Concen: 46.942 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VX038995.D
Acq: 21 Nov 2023 19:16

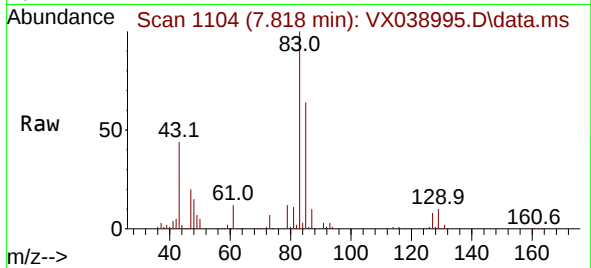
Tgt Ion: 93 Resp: 55684
Ion Ratio Lower Upper
93 100
95 83.5 66.6 100.0
174 84.5 69.4 104.0





#47
Bromodichloromethane
Concen: 46.807 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX038995.D
Acq: 21 Nov 2023 19:16

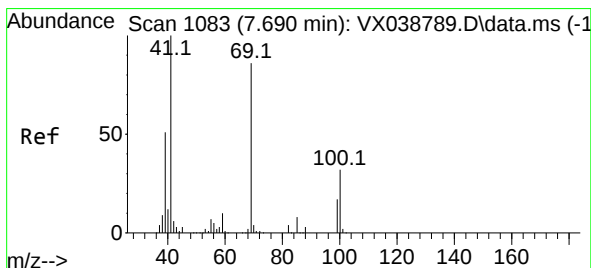
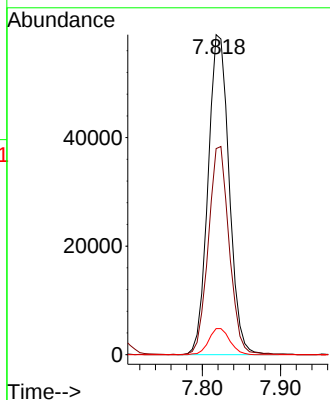
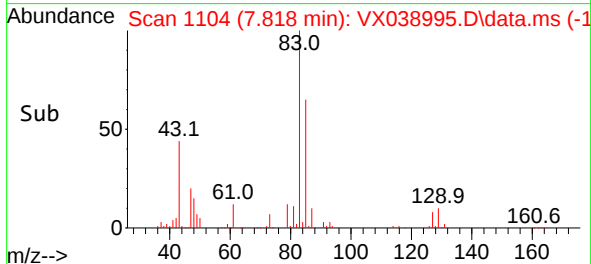
Instrument :
MSVOA_X
ClientSampleId :
15BR-20231113MS



Tgt Ion: 83 Resp: 110200
Ion Ratio Lower Upper
83 100
85 64.4 49.8 74.6
127 8.2 7.1 10.7

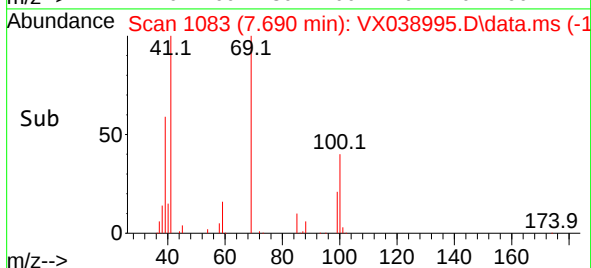
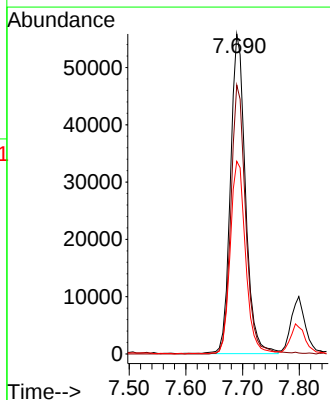
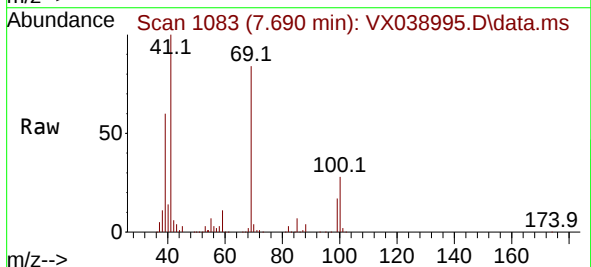
Manual Integrations
APPROVED

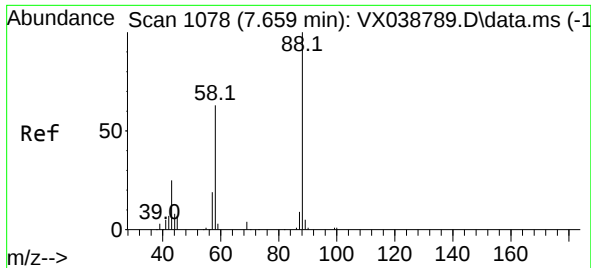
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023



#48
Methyl methacrylate
Concen: 45.343 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX038995.D
Acq: 21 Nov 2023 19:16

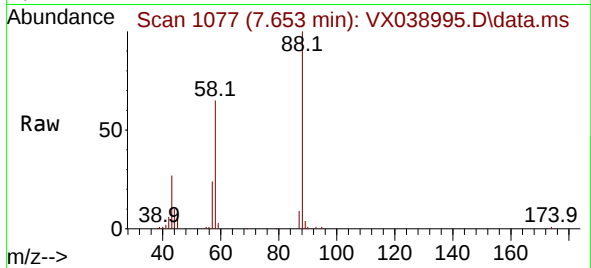
Tgt Ion: 41 Resp: 102371
Ion Ratio Lower Upper
41 100
69 83.7 59.2 88.8
39 61.4 47.7 71.5





#49
1,4-Dioxane
Concen: 960.008 ug/l
RT: 7.653 min Scan# 1077
Delta R.T. -0.006 min
Lab File: VX038995.D
Acq: 21 Nov 2023 19:16

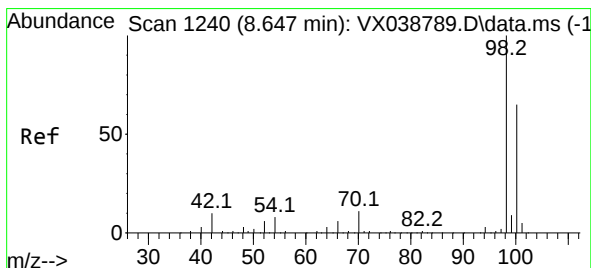
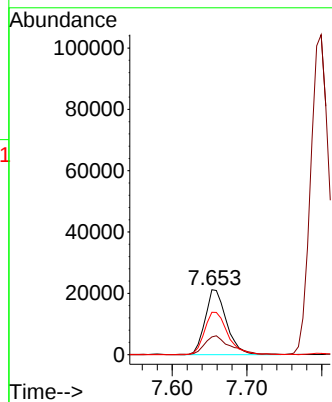
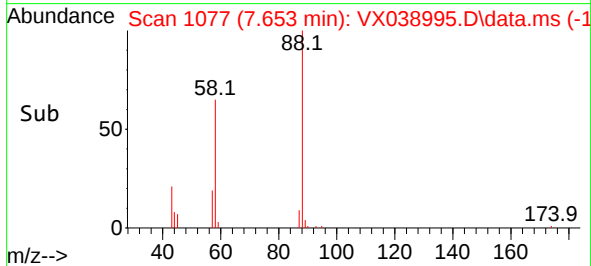
Instrument :
MSVOA_X
ClientSampleId :
15BR-20231113MS



Tgt Ion: 88 Resp: 4193
Ion Ratio Lower Upper
88 100
43 35.9 0.0 0.0
58 70.8 60.1 90.1

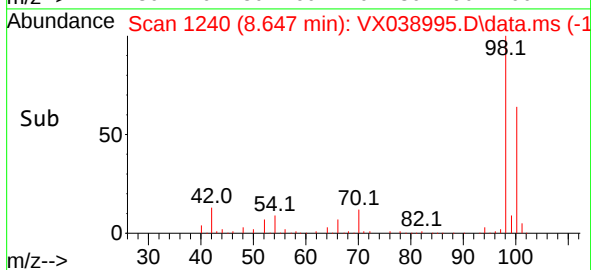
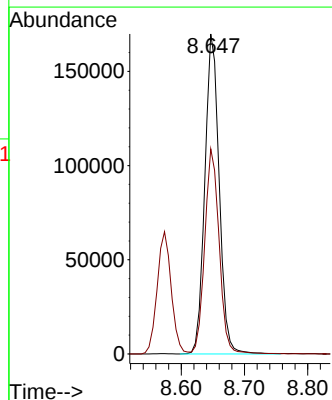
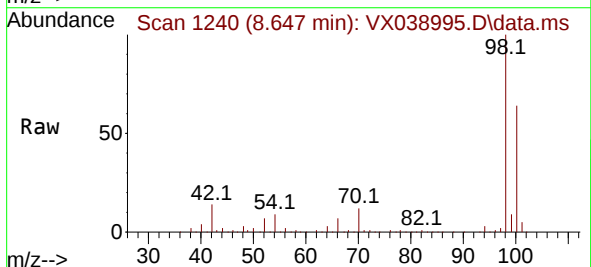
Manual Integrations
APPROVED

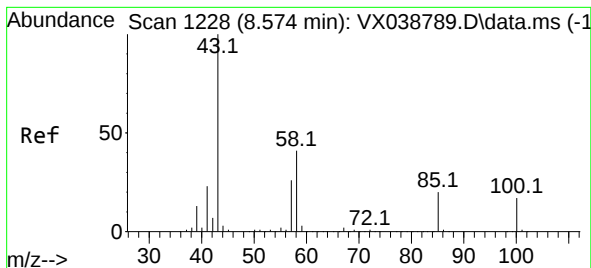
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023



#50
Toluene-d8
Concen: 45.020 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX038995.D
Acq: 21 Nov 2023 19:16

Tgt Ion: 98 Resp: 268582
Ion Ratio Lower Upper
98 100
100 64.4 53.1 79.7





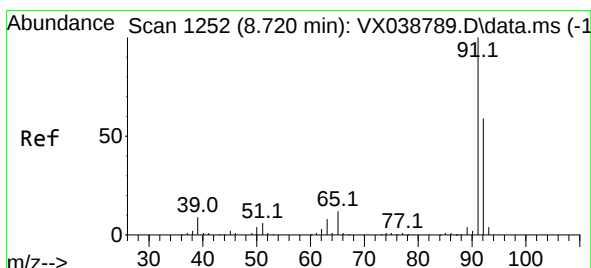
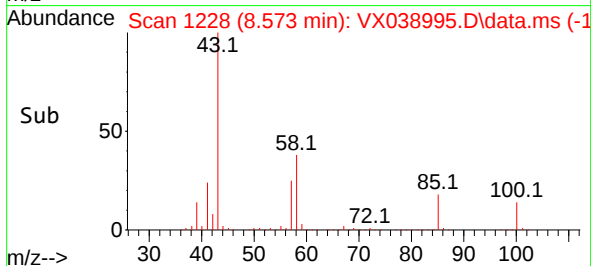
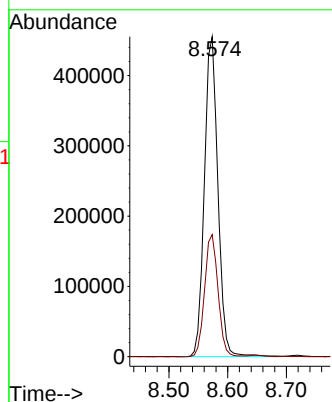
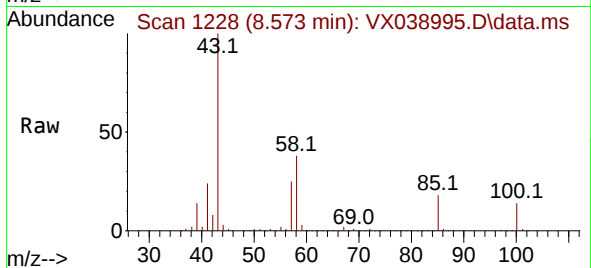
#51
4-Methyl-2-Pentanone
Concen: 244.896 ug/l
RT: 8.573 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX038995.D
Acq: 21 Nov 2023 19:16

Instrument :
MSVOA_X
ClientSampleId :
15BR-20231113MS

Tgt Ion: 43 Resp: 728234
Ion Ratio Lower Upper
43 100
58 38.0 30.4 45.6

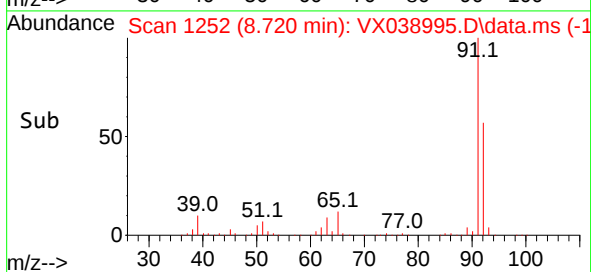
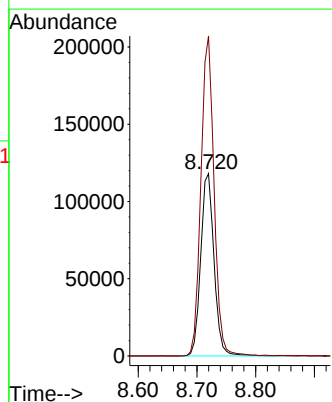
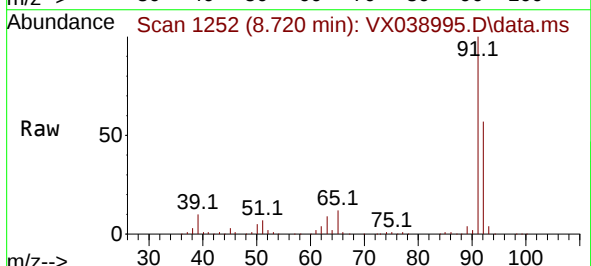
Manual Integrations
APPROVED

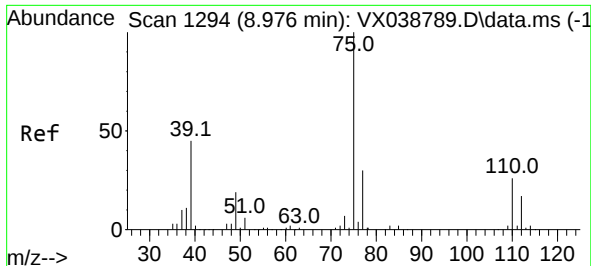
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023



#52
Toluene
Concen: 45.304 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX038995.D
Acq: 21 Nov 2023 19:16

Tgt Ion: 92 Resp: 185829
Ion Ratio Lower Upper
92 100
91 173.5 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 44.892 ug/l

RT: 8.976 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VX038995.D

Acq: 21 Nov 2023 19:16

Instrument :

MSVOA_X

ClientSampleId :

15BR-20231113MS

Tgt Ion: 75 Resp: 12560

Ion Ratio Lower Upper

75 100

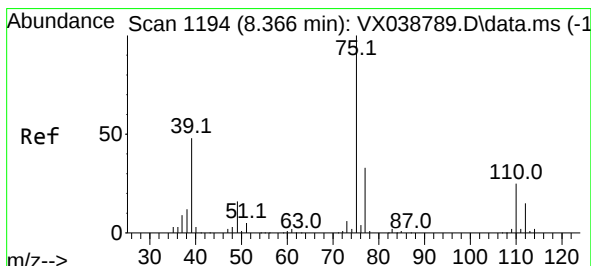
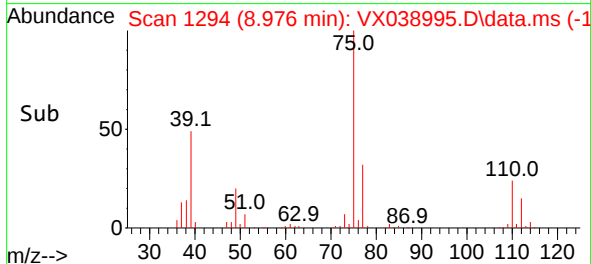
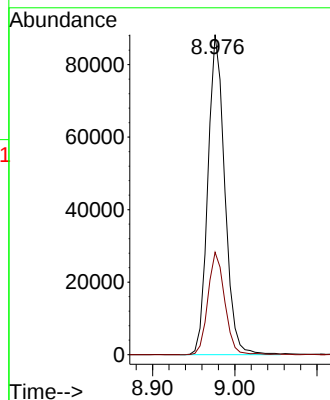
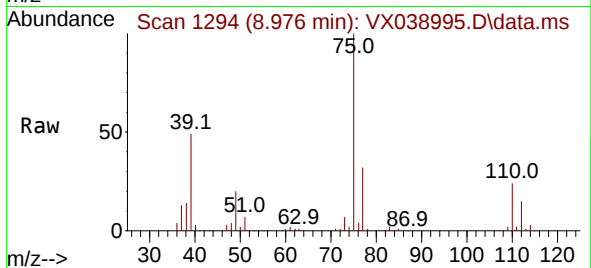
77 32.0 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2023

Supervised By :Mahesh Dadoda 11/22/2023



#54

cis-1,3-Dichloropropene

Concen: 45.223 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX038995.D

Acq: 21 Nov 2023 19:16

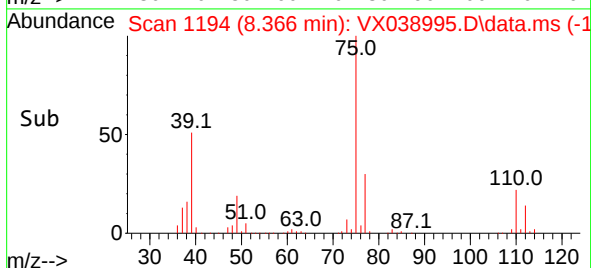
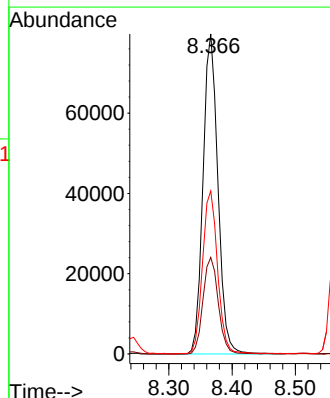
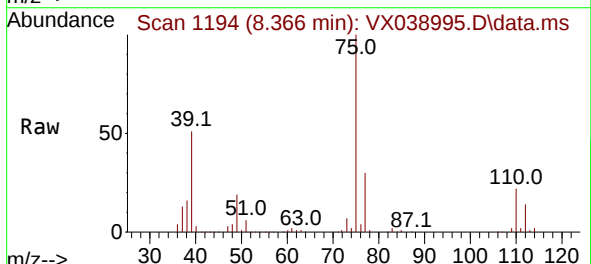
Tgt Ion: 75 Resp: 130695

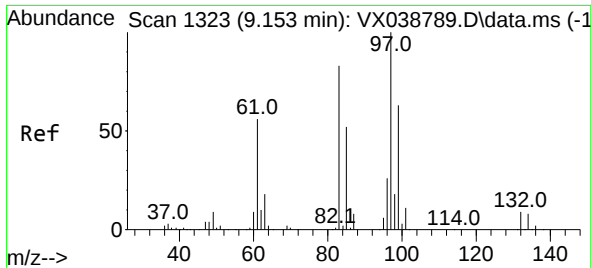
Ion Ratio Lower Upper

75 100

77 30.1 25.3 37.9

39 50.8 46.7 70.1





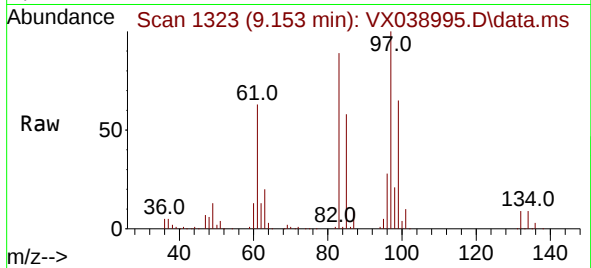
#55
1,1,2-Trichloroethane
Concen: 46.386 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX038995.D
Acq: 21 Nov 2023 19:16

Instrument :

MSVOA_X

ClientSampleId :

15BR-20231113MS



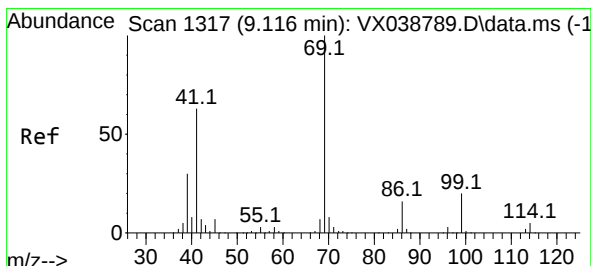
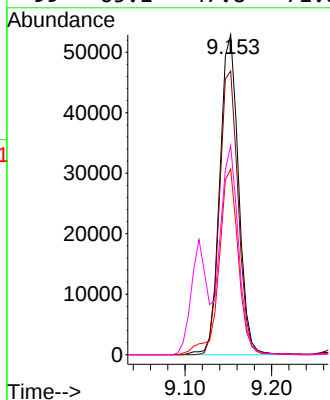
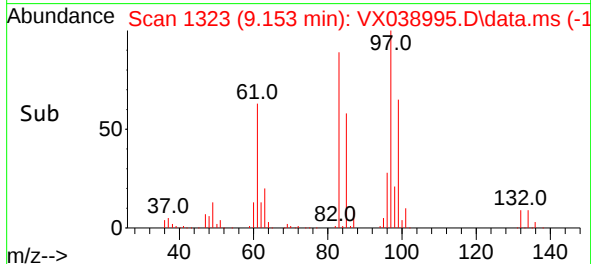
Tgt Ion	Ratio	Lower	Upper
97	100		
83	88.6	65.8	98.8
85	58.0	41.6	62.4
99	65.1	47.8	71.8

Manual Integrations

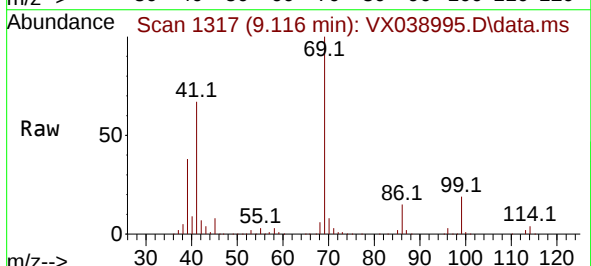
APPROVED

Reviewed By :John Carlone 11/22/2023

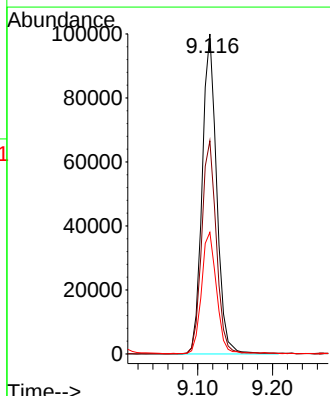
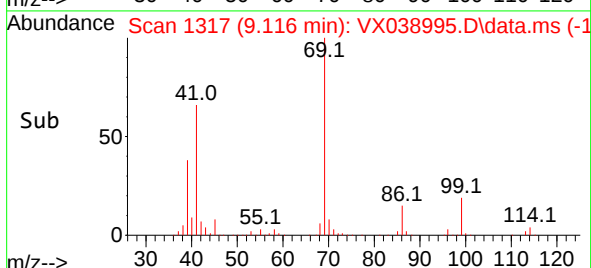
Supervised By :Mahesh Dadoda 11/22/2023

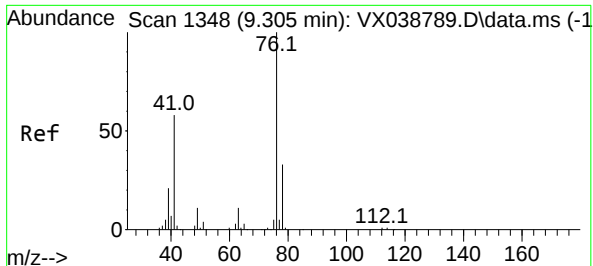


#56
Ethyl methacrylate
Concen: 46.400 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX038995.D
Acq: 21 Nov 2023 19:16



Tgt Ion	Ratio	Lower	Upper
69	100		
41	67.8	56.8	85.2
39	39.0	32.0	48.0





#57

1,3-Dichloropropane

Concen: 47.210 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX038995.D

Acq: 21 Nov 2023 19:16

Instrument :

MSVOA_X

ClientSampleId :

15BR-20231113MS

Tgt Ion: 76 Resp: 133629

Ion Ratio Lower Upper

76 100

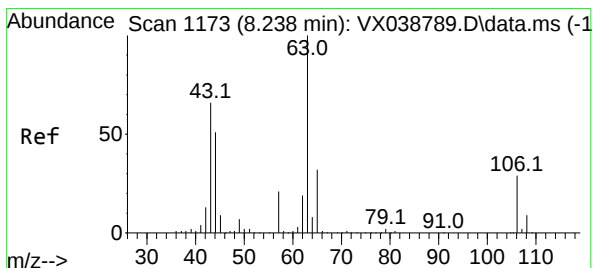
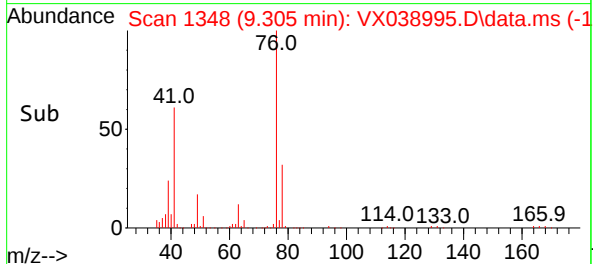
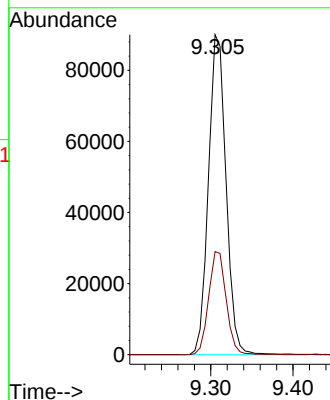
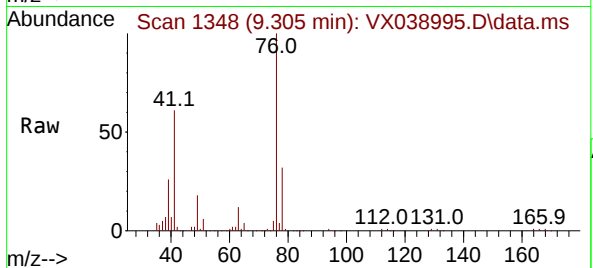
78 32.1 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2023

Supervised By :Mahesh Dadoda 11/22/2023



#58

2-Chloroethyl Vinyl ether

Concen: 227.077 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VX038995.D

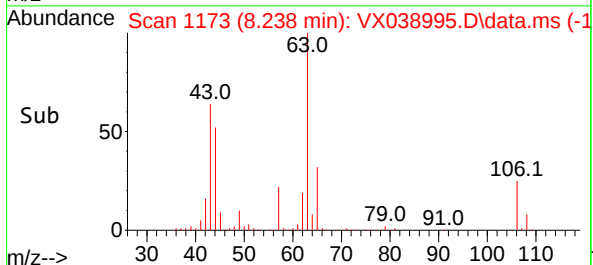
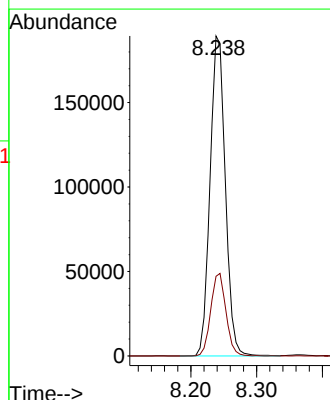
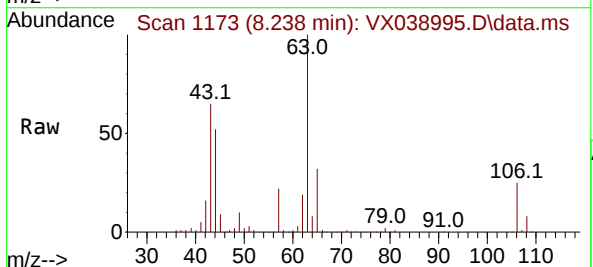
Acq: 21 Nov 2023 19:16

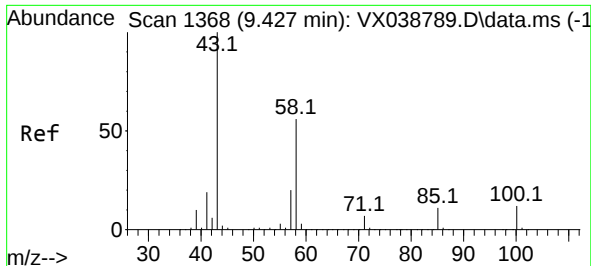
Tgt Ion: 63 Resp: 306322

Ion Ratio Lower Upper

63 100

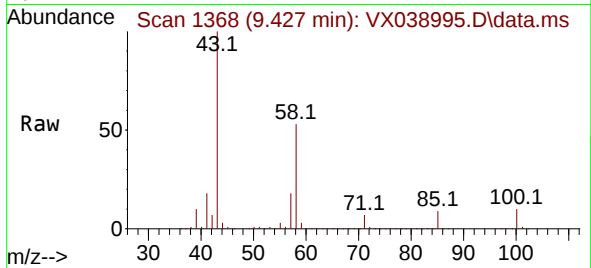
106 25.6 22.5 33.7





#59
2-Hexanone
Concen: 244.494 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX038995.D
Acq: 21 Nov 2023 19:16

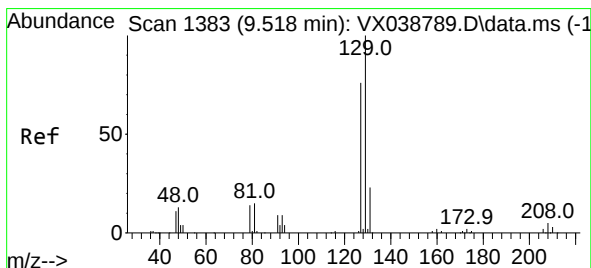
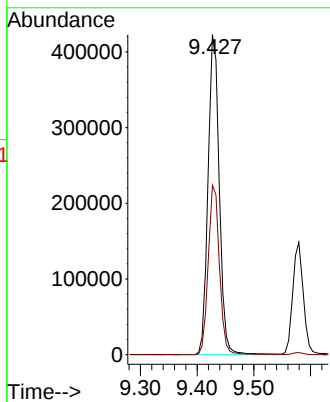
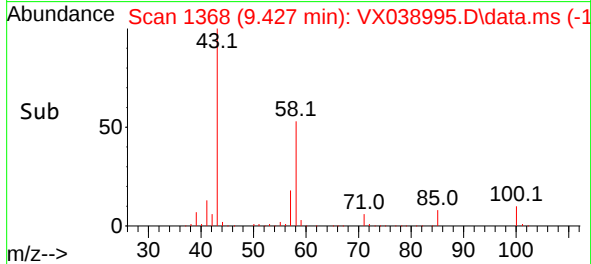
Instrument :
MSVOA_X
ClientSampleId :
15BR-20231113MS



Tgt Ion: 43 Resp: 58274
Ion Ratio Lower Upper
43 100
58 52.9 26.2 78.5

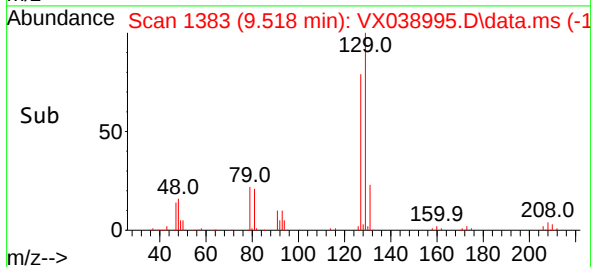
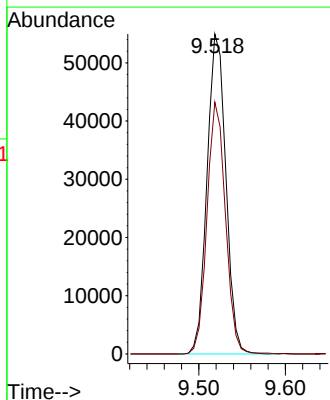
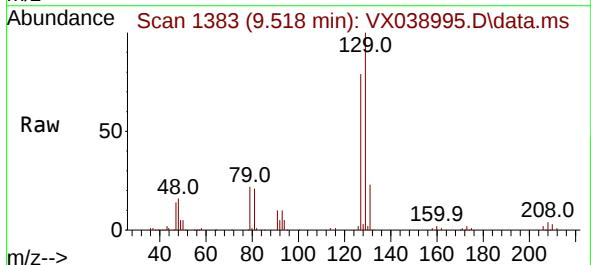
Manual Integrations
APPROVED

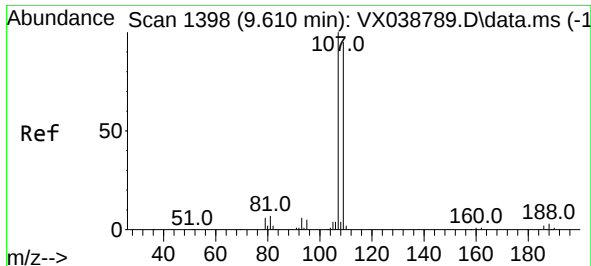
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023



#60
Dibromochloromethane
Concen: 47.633 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX038995.D
Acq: 21 Nov 2023 19:16

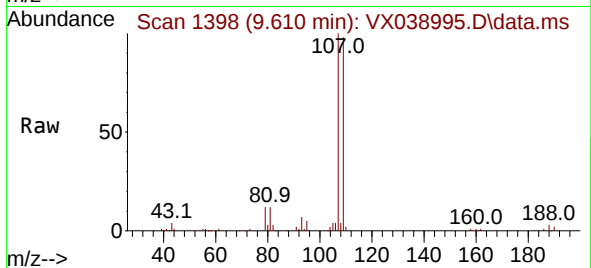
Tgt Ion:129 Resp: 82893
Ion Ratio Lower Upper
129 100
127 77.0 38.8 116.4





#61
1,2-Dibromoethane
Concen: 46.839 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX038995.D
Acq: 21 Nov 2023 19:16

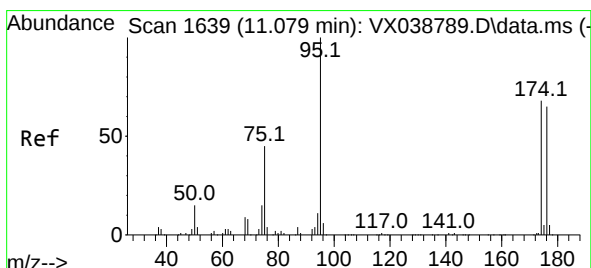
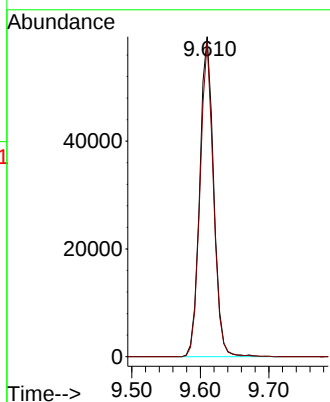
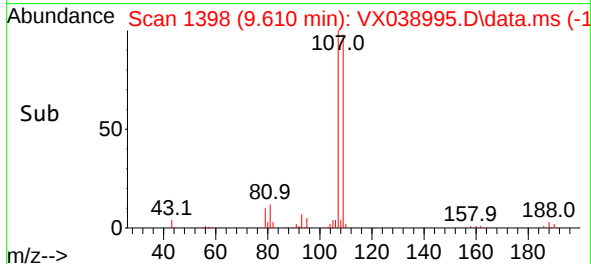
Instrument :
MSVOA_X
ClientSampleId :
15BR-20231113MS



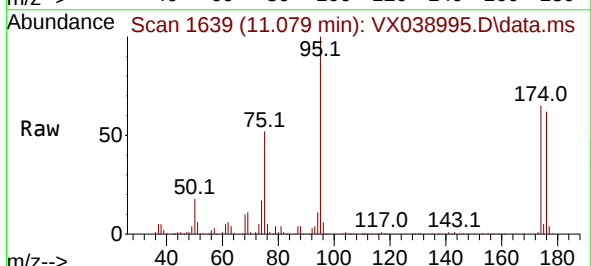
Tgt Ion:107 Resp: 84120
Ion Ratio Lower Upper
107 100
109 94.7 75.2 112.8

Manual Integrations
APPROVED

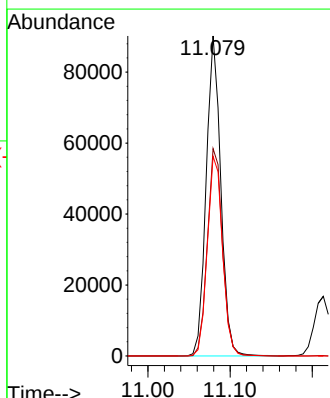
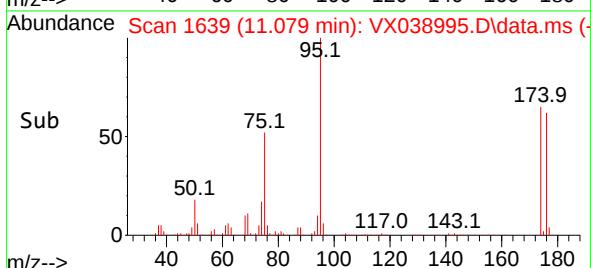
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023

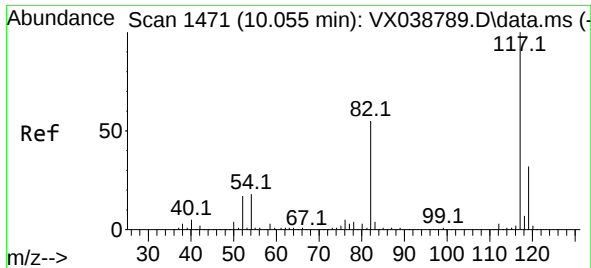


#62
4-Bromofluorobenzene
Concen: 46.600 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX038995.D
Acq: 21 Nov 2023 19:16



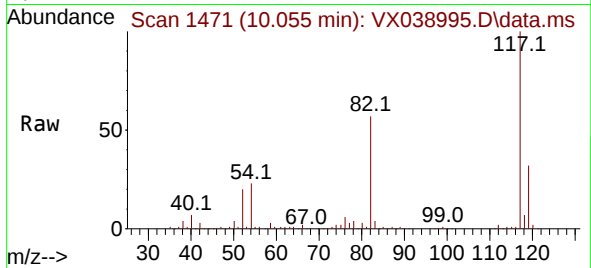
Tgt Ion: 95 Resp: 111289
Ion Ratio Lower Upper
95 100
174 67.2 0.0 135.6
176 64.7 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX038995.D
Acq: 21 Nov 2023 19:16

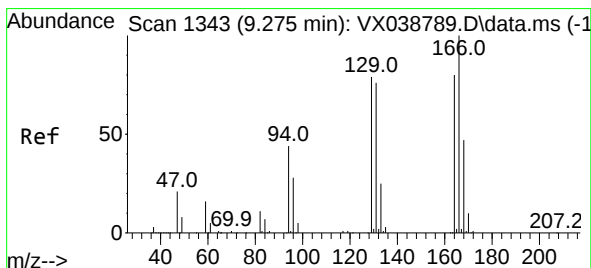
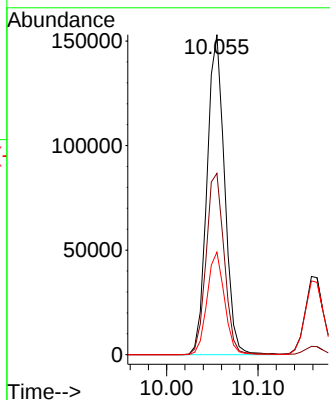
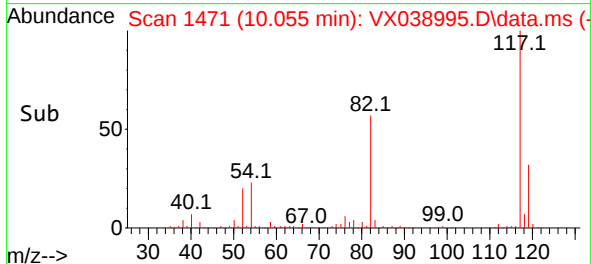
Instrument :
MSVOA_X
ClientSampleId :
15BR-20231113MS



Tgt Ion:117 Resp: 203892
Ion Ratio Lower Upper
117 100
82 56.7 46.2 69.4
119 32.0 25.5 38.3

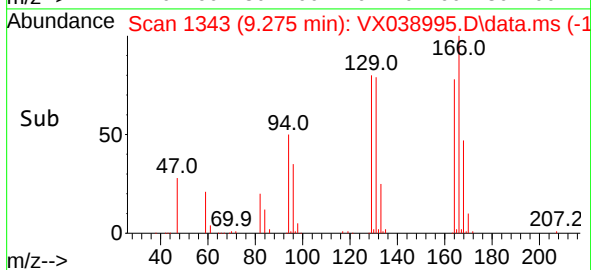
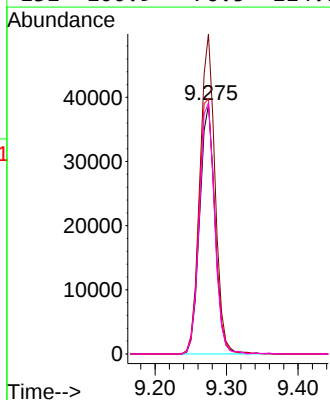
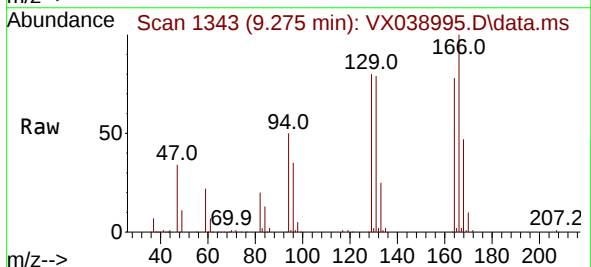
Manual Integrations
APPROVED

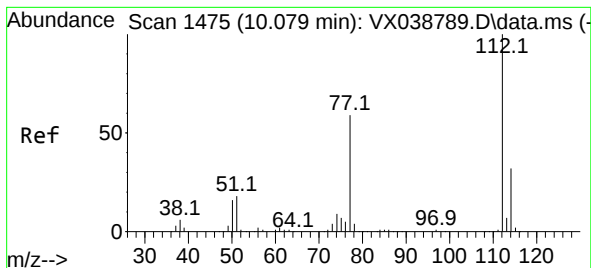
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023



#64
Tetrachloroethene
Concen: 45.360 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX038995.D
Acq: 21 Nov 2023 19:16

Tgt Ion:164 Resp: 57487
Ion Ratio Lower Upper
164 100
166 128.5 102.7 154.1
129 102.4 80.4 120.6
131 100.9 76.5 114.7





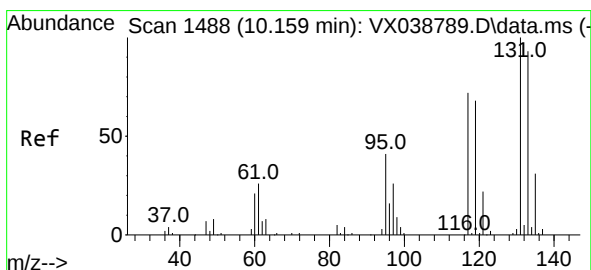
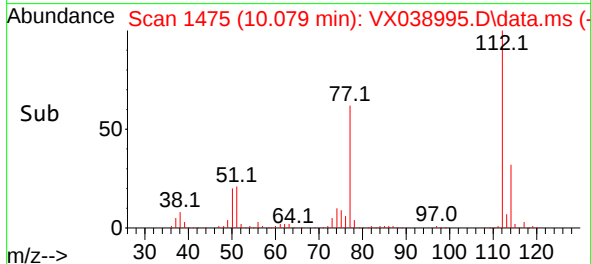
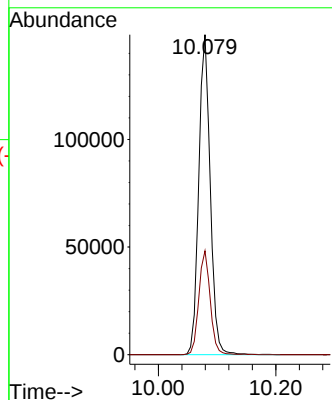
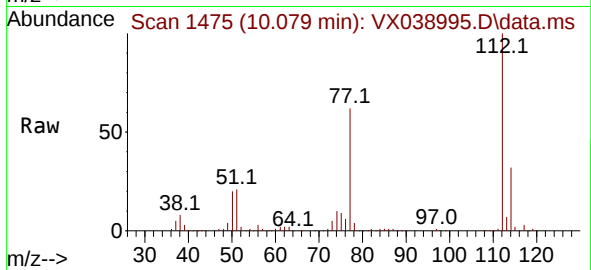
#65
Chlorobenzene
Concen: 45.697 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX038995.D
Acq: 21 Nov 2023 19:16

Instrument :
MSVOA_X
ClientSampleId :
15BR-20231113MS

Tgt Ion:112 Resp: 200704
Ion Ratio Lower Upper
112 100
114 32.4 25.7 38.5

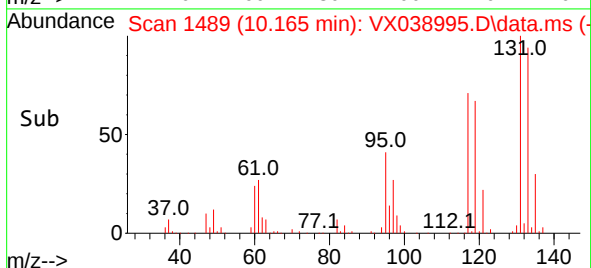
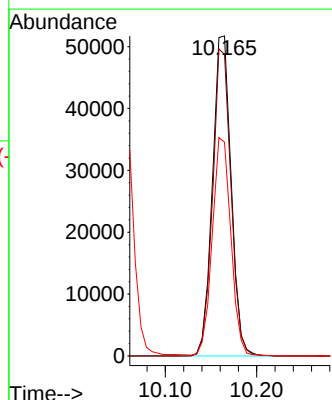
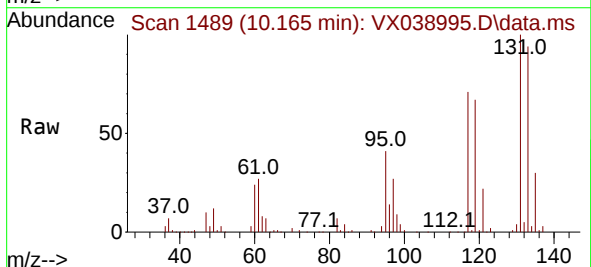
Manual Integrations
APPROVED

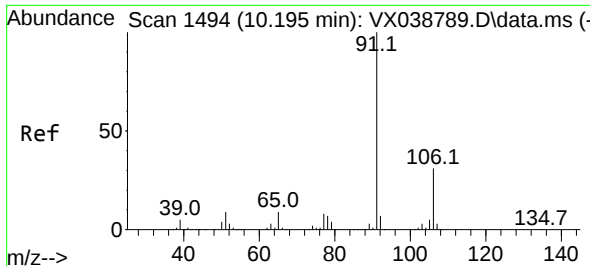
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 46.398 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.006 min
Lab File: VX038995.D
Acq: 21 Nov 2023 19:16

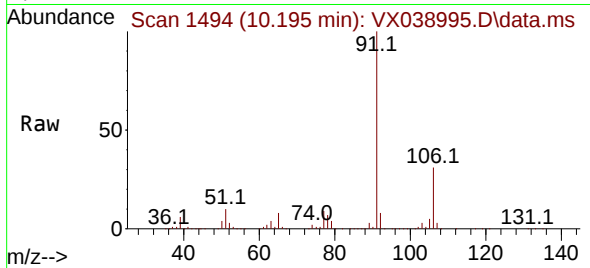
Tgt Ion:131 Resp: 73304
Ion Ratio Lower Upper
131 100
133 94.0 47.1 141.4
119 68.2 32.2 96.6





#67
Ethyl Benzene
Concen: 45.652 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX038995.D
Acq: 21 Nov 2023 19:16

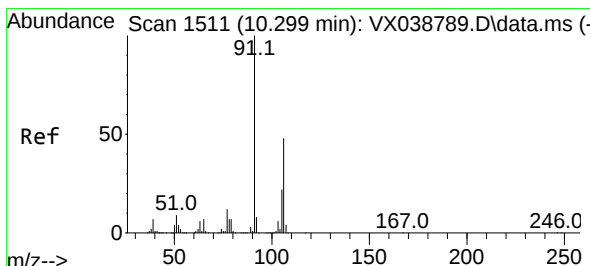
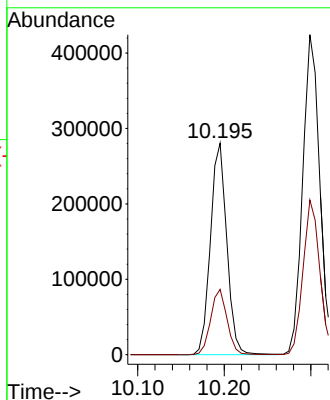
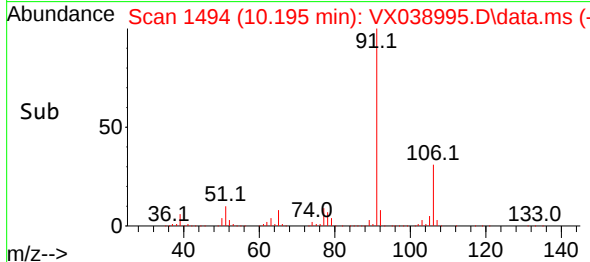
Instrument :
MSVOA_X
ClientSampleId :
15BR-20231113MS



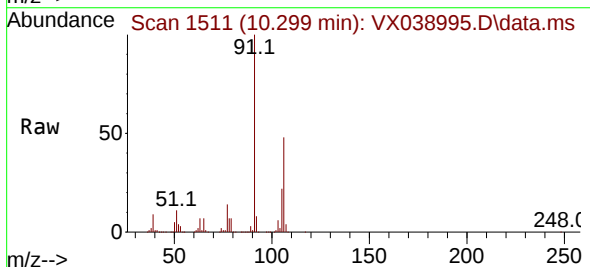
Tgt Ion: 91 Resp: 368380
Ion Ratio Lower Upper
91 100
106 30.9 24.9 37.3

Manual Integrations
APPROVED

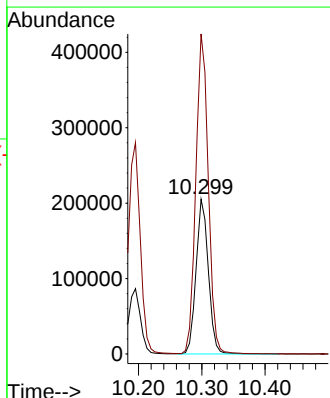
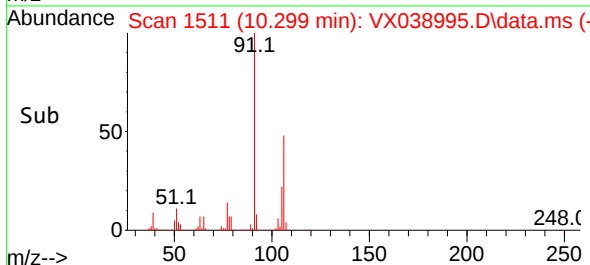
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023

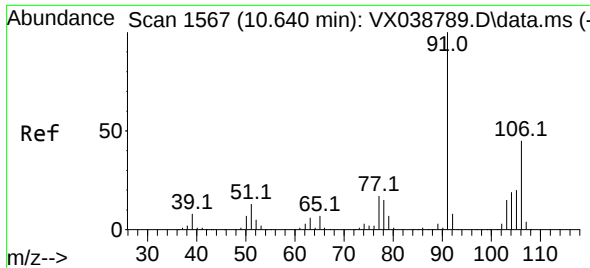


#68
m/p-Xylenes
Concen: 91.101 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX038995.D
Acq: 21 Nov 2023 19:16



Tgt Ion:106 Resp: 278080
Ion Ratio Lower Upper
106 100
91 209.6 165.5 248.3





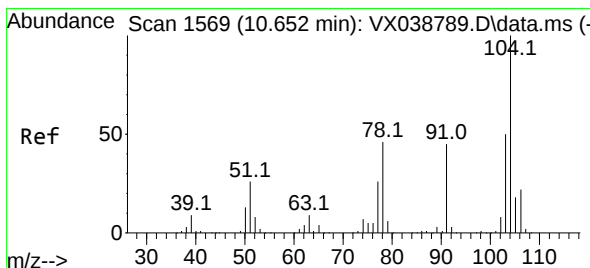
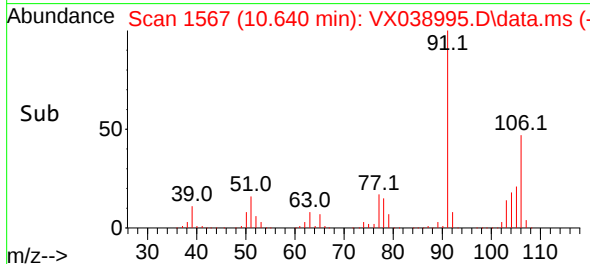
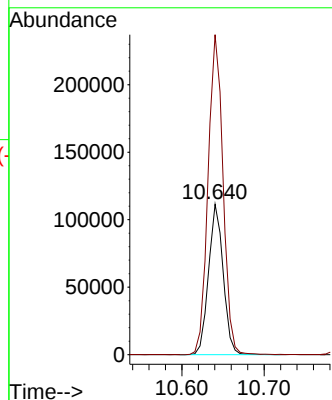
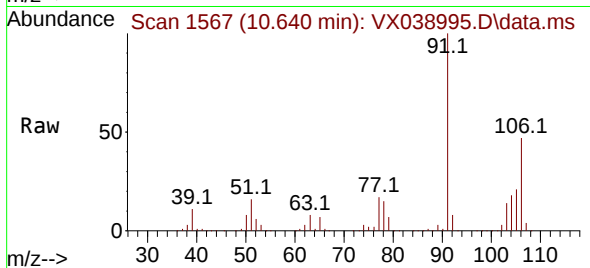
#69
o-Xylene
Concen: 45.612 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX038995.D
Acq: 21 Nov 2023 19:16

Instrument :
MSVOA_X
ClientSampleId :
15BR-20231113MS

Tgt Ion:106 Resp: 137760
Ion Ratio Lower Upper
106 100
91 217.9 108.9 326.8

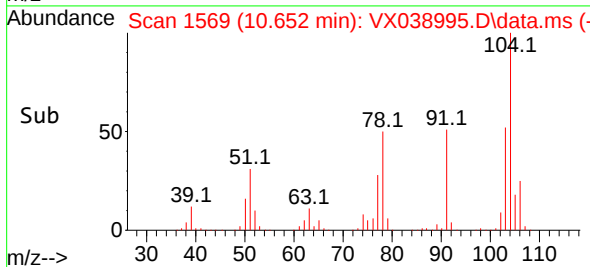
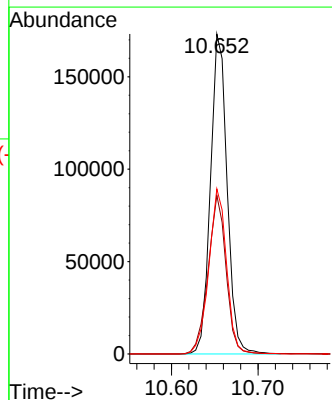
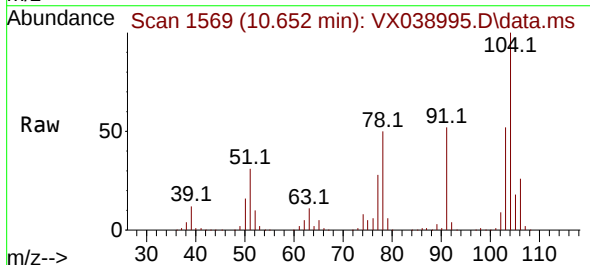
Manual Integrations
APPROVED

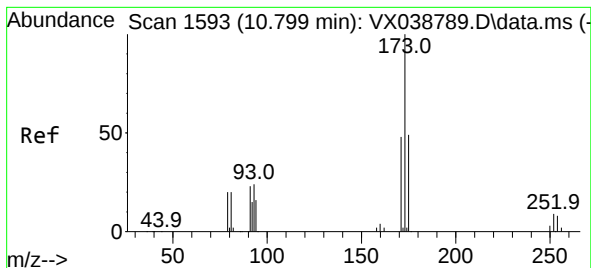
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023



#70
Styrene
Concen: 45.386 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX038995.D
Acq: 21 Nov 2023 19:16

Tgt Ion:104 Resp: 231511
Ion Ratio Lower Upper
104 100
78 53.5 43.6 65.4
103 55.2 43.6 65.4





#71

Bromoform

Concen: 46.789 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX038995.D

Acq: 21 Nov 2023 19:16

Instrument :

MSVOA_X

ClientSampleId :

15BR-20231113MS

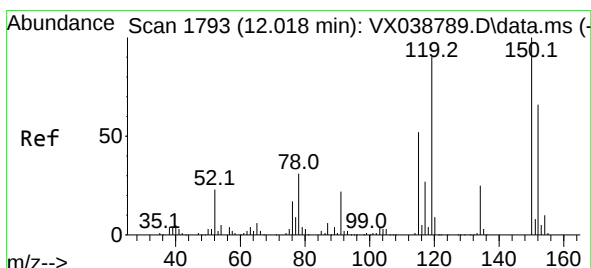
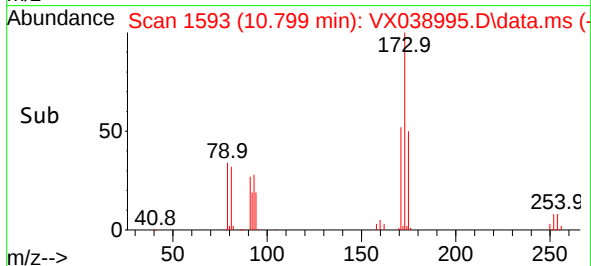
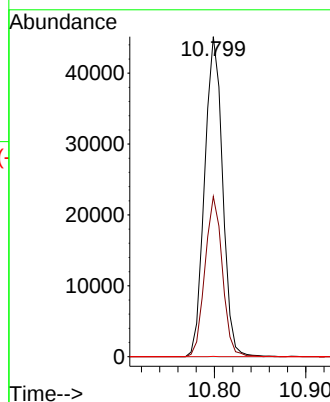
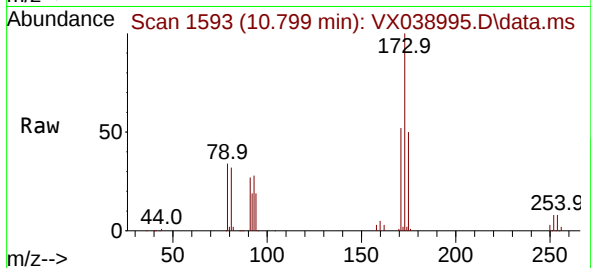
Tgt Ion:173	Resp:	61624
Ion Ratio	Lower	Upper
173	100	
175	48.5	24.1 72.4
254	0.0	0.0 0.0

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

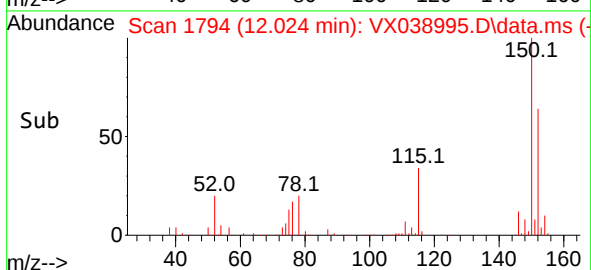
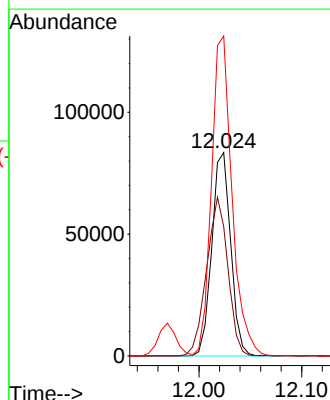
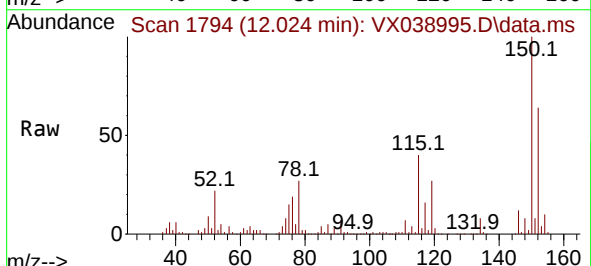
RT: 12.024 min Scan# 1794

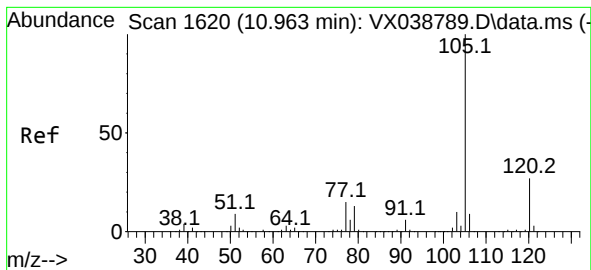
Delta R.T. 0.006 min

Lab File: VX038995.D

Acq: 21 Nov 2023 19:16

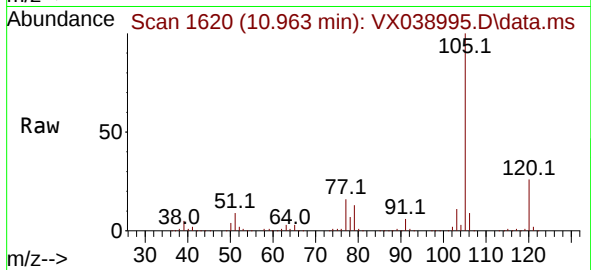
Tgt Ion:152	Resp:	106570
Ion Ratio	Lower	Upper
152	100	
115	87.9	43.3 129.9
150	171.5	0.0 345.0





#73
Isopropylbenzene
Concen: 43.341 ug/l
RT: 10.963 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX038995.D
Acq: 21 Nov 2023 19:16

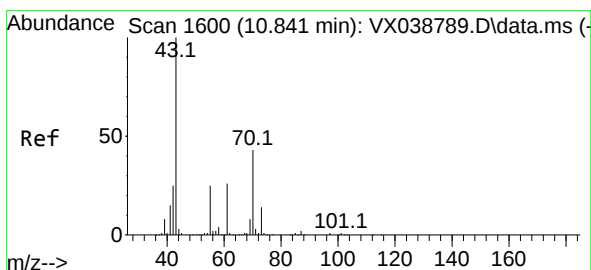
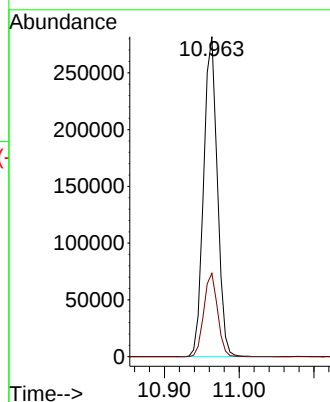
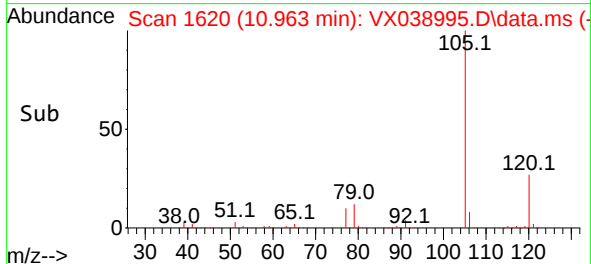
Instrument :
MSVOA_X
ClientSampleId :
15BR-20231113MS



Tgt Ion:105 Resp: 35987
Ion Ratio Lower Upper
105 100
120 26.0 12.9 38.6

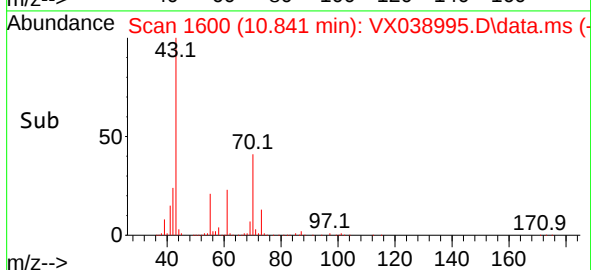
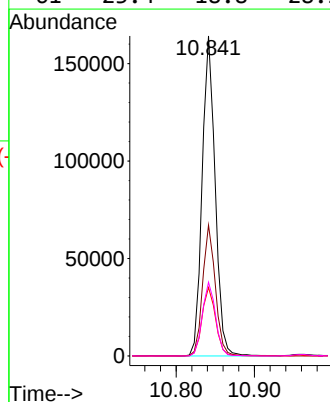
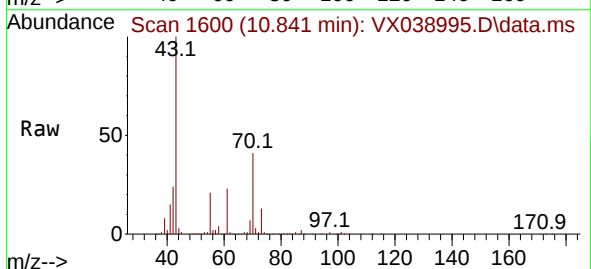
Manual Integrations
APPROVED

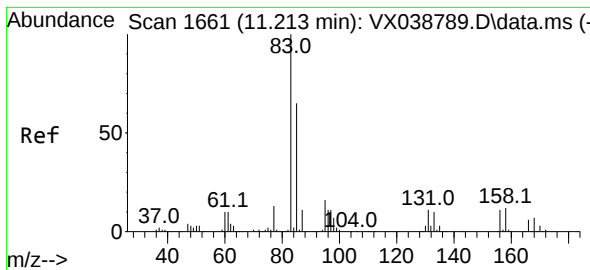
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023



#74
N-ethyl acetate
Concen: 43.161 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX038995.D
Acq: 21 Nov 2023 19:16

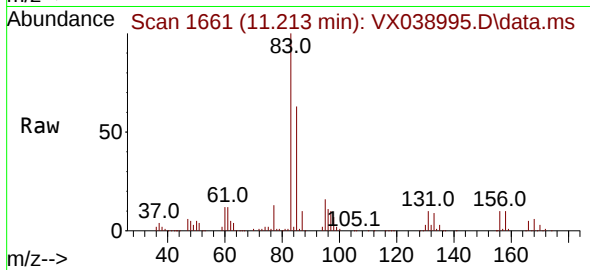
Tgt Ion: 43 Resp: 189444
Ion Ratio Lower Upper
43 100
70 40.1 32.9 49.3
55 22.2 19.3 28.9
61 23.4 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 43.233 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX038995.D
Acq: 21 Nov 2023 19:16

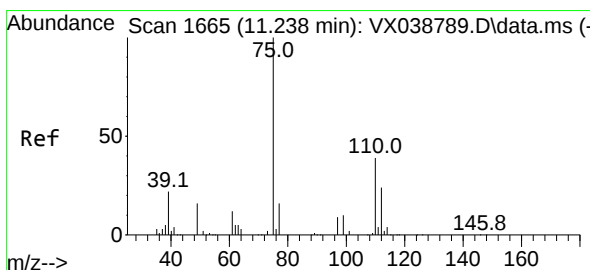
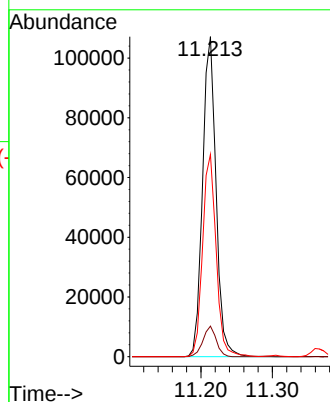
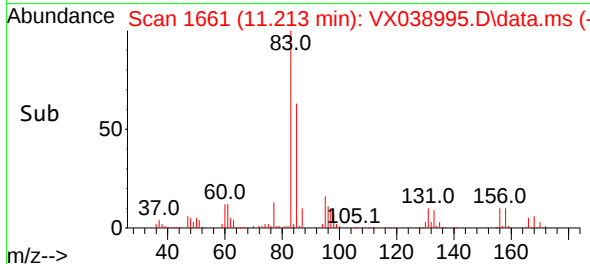
Instrument :
MSVOA_X
ClientSampleId :
15BR-20231113MS



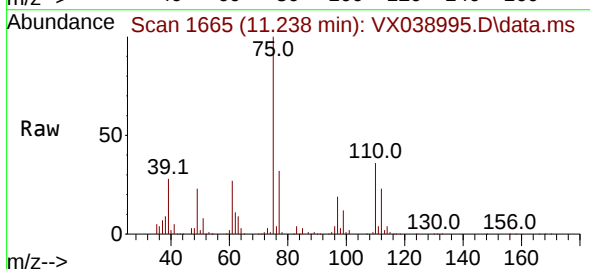
Tgt Ion: 83 Resp: 14013
Ion Ratio Lower Upper
83 100
131 9.4 5.3 15.8
85 63.6 32.0 96.2

Manual Integrations
APPROVED

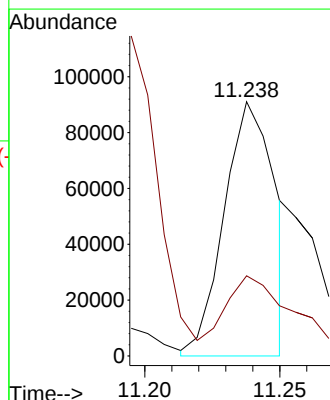
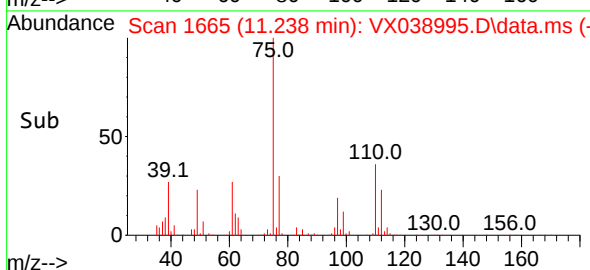
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023

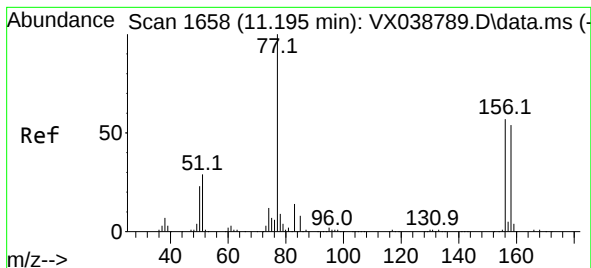


#76
1,2,3-Trichloropropane
Concen: 44.756 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX038995.D
Acq: 21 Nov 2023 19:16



Tgt Ion: 75 Resp: 119001
Ion Ratio Lower Upper
75 100
77 43.3 19.1 57.5





#77

Bromobenzene

Concen: 44.227 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX038995.D

Acq: 21 Nov 2023 19:16

Instrument :

MSVOA_X

ClientSampleId :

15BR-20231113MS

Tgt Ion:156 Resp: 8251

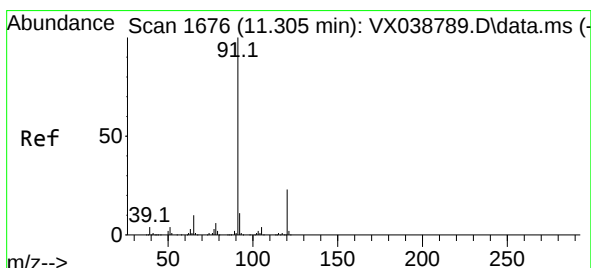
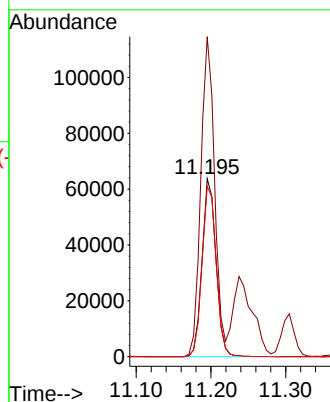
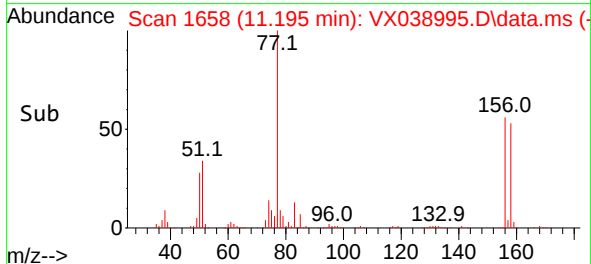
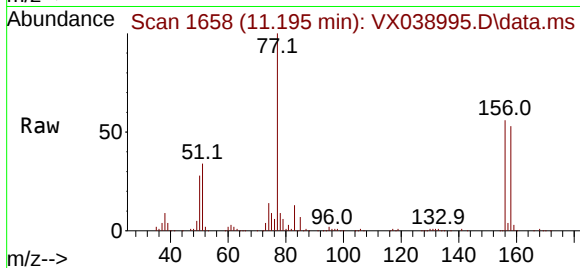
Ion	Ratio	Lower	Upper
156	100		
77	177.2	88.4	265.3
158	97.1	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2023

Supervised By :Mahesh Dadoda 11/22/2023



#78

n-propylbenzene

Concen: 43.833 ug/l

RT: 11.305 min Scan# 1676

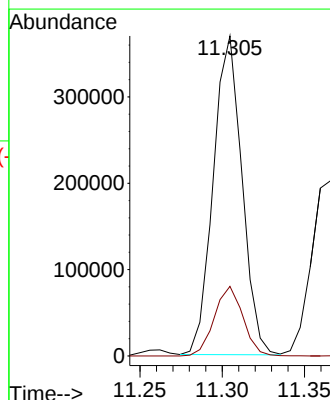
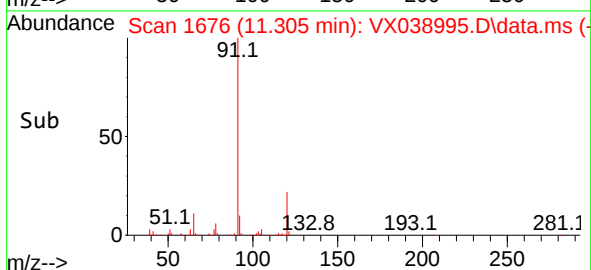
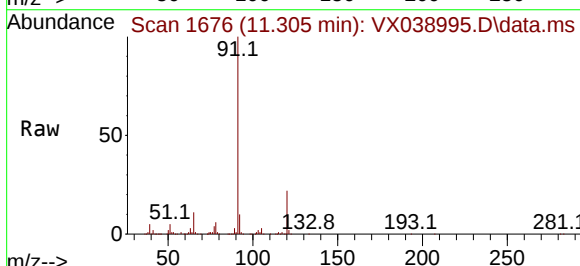
Delta R.T. -0.000 min

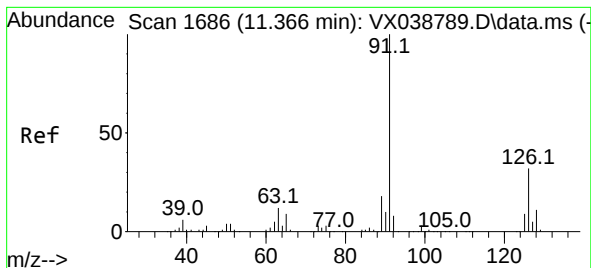
Lab File: VX038995.D

Acq: 21 Nov 2023 19:16

Tgt Ion: 91 Resp: 447991

Ion	Ratio	Lower	Upper
91	100		
120	21.8	11.5	34.4





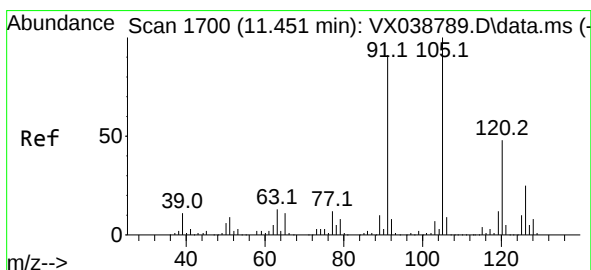
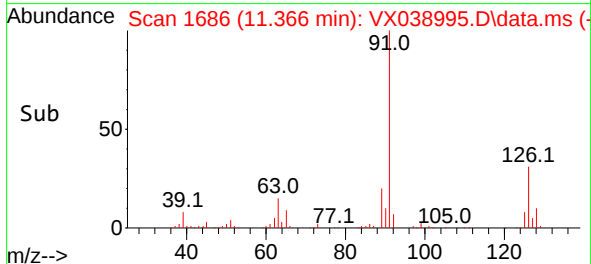
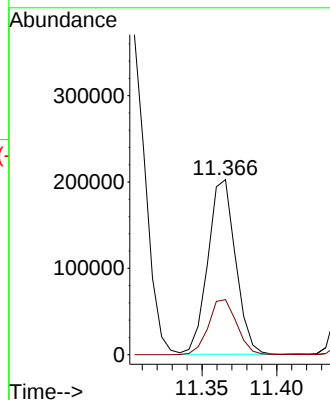
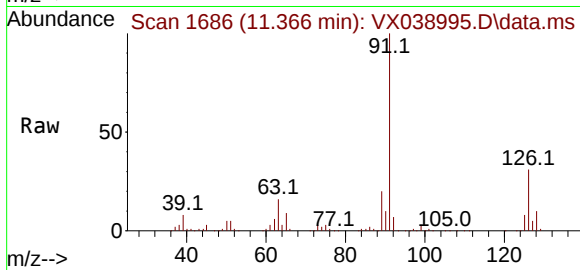
#79
2-Chlorotoluene
Concen: 42.918 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX038995.D
Acq: 21 Nov 2023 19:16

Instrument :
MSVOA_X
ClientSampleId :
15BR-20231113MS

Tgt Ion: 91 Resp: 26032
Ion Ratio Lower Upper
91 100
126 32.3 16.3 48.8

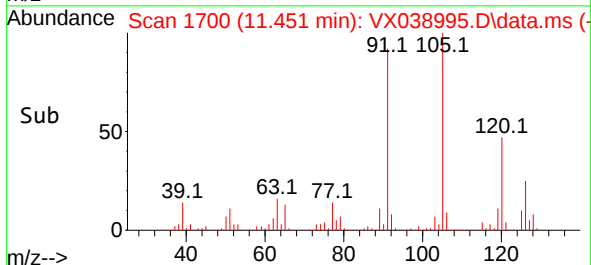
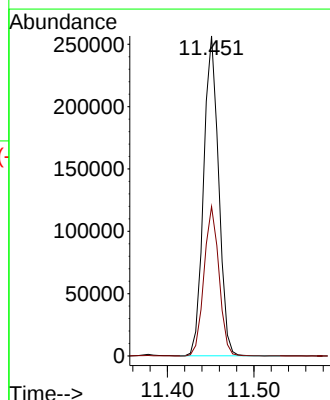
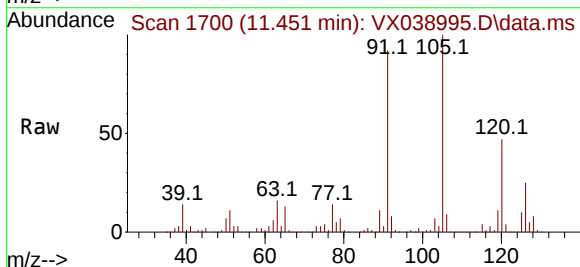
Manual Integrations
APPROVED

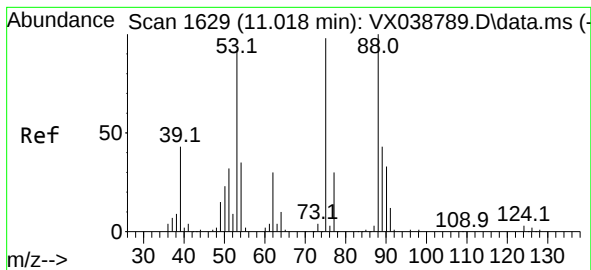
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023



#80
1,3,5-Trimethylbenzene
Concen: 44.185 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX038995.D
Acq: 21 Nov 2023 19:16

Tgt Ion:105 Resp: 308478
Ion Ratio Lower Upper
105 100
120 46.7 24.1 72.3





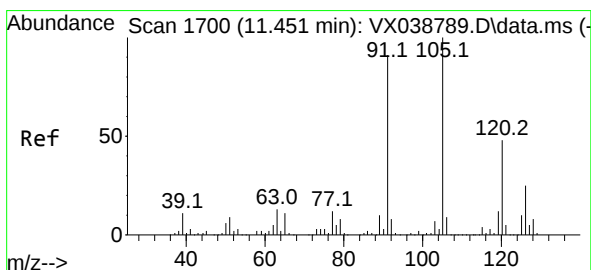
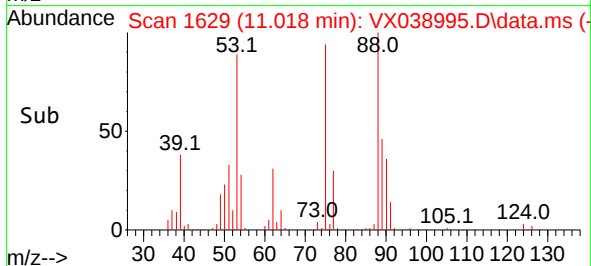
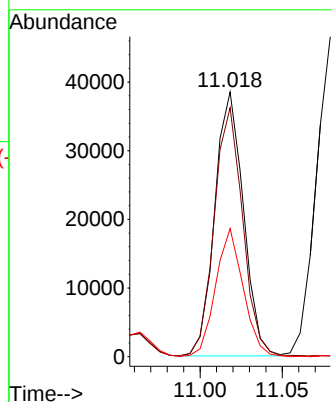
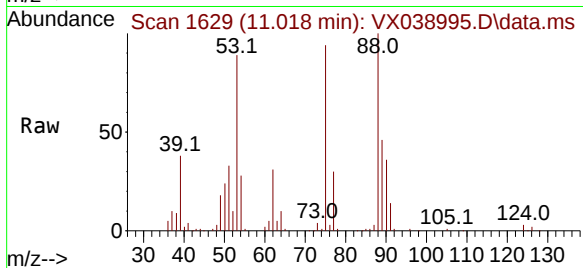
#81
trans-1,4-Dichloro-2-butene
Concen: 38.808 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX038995.D
Acq: 21 Nov 2023 19:16

Instrument :
MSVOA_X
ClientSampleId :
15BR-20231113MS

Tgt Ion: 75 Resp: 46520
Ion Ratio Lower Upper
75 100
53 94.4 90.5 135.7
89 46.9 36.9 55.3

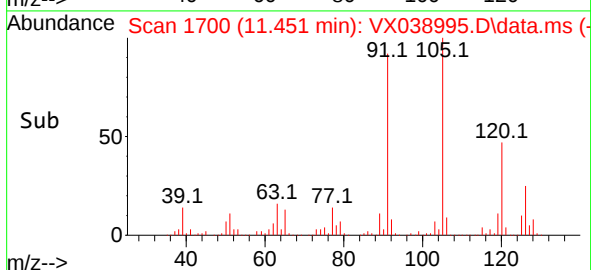
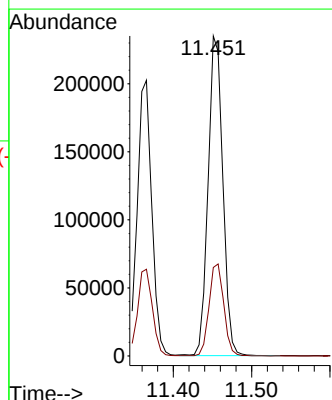
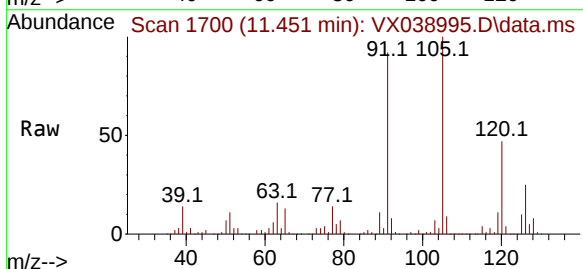
Manual Integrations
APPROVED

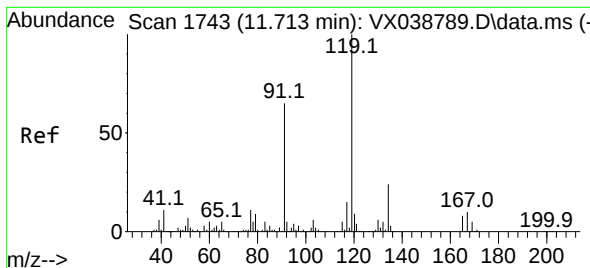
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023



#82
4-Chlorotoluene
Concen: 43.732 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX038995.D
Acq: 21 Nov 2023 19:16

Tgt Ion: 91 Resp: 305854
Ion Ratio Lower Upper
91 100
126 28.8 14.2 42.6





#83

tert-Butylbenzene

Concen: 43.711 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX038995.D

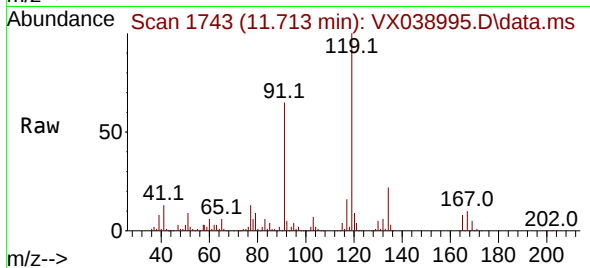
Acq: 21 Nov 2023 19:16

Instrument :

MSVOA_X

ClientSampleId :

15BR-20231113MS



Tgt Ion:119 Resp: 300550

Ion Ratio Lower Upper

119 100

91 62.8 31.2 93.6

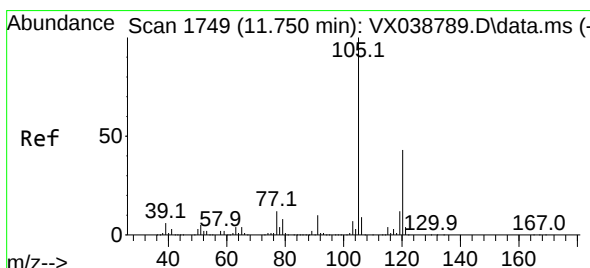
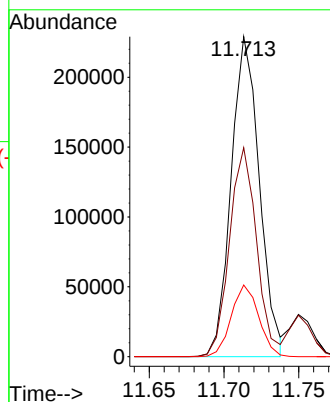
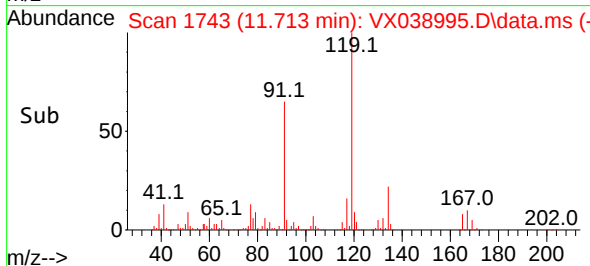
134 21.9 11.7 35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2023

Supervised By :Mahesh Dadoda 11/22/2023



#84

1,2,4-Trimethylbenzene

Concen: 44.151 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX038995.D

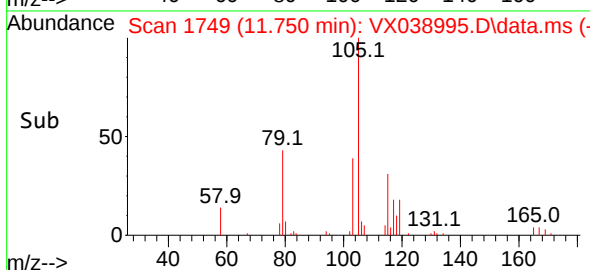
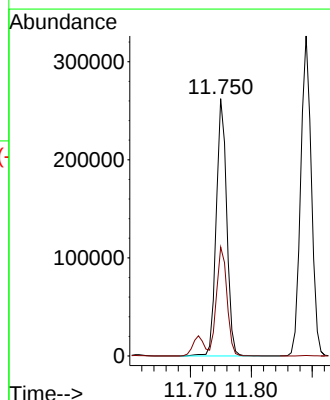
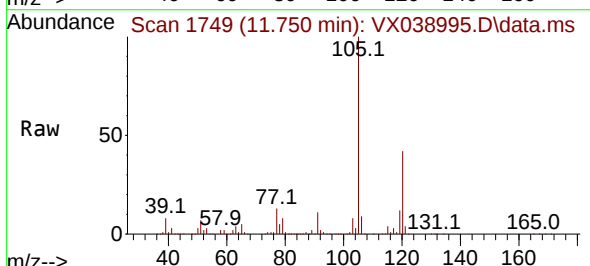
Acq: 21 Nov 2023 19:16

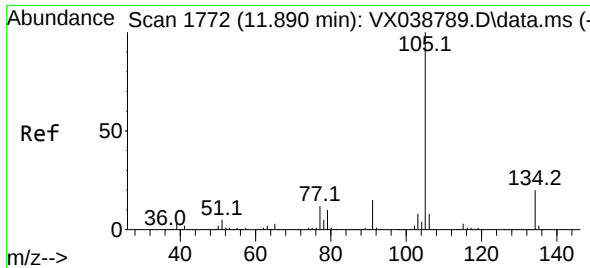
Tgt Ion:105 Resp: 311994

Ion Ratio Lower Upper

105 100

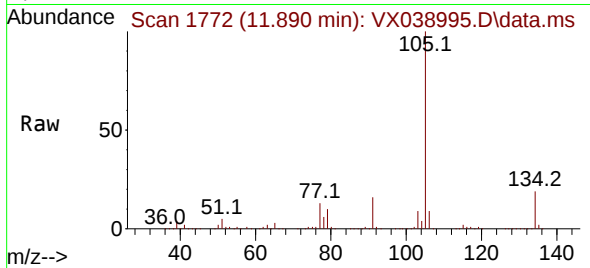
120 42.3 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 44.070 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX038995.D
 Acq: 21 Nov 2023 19:16

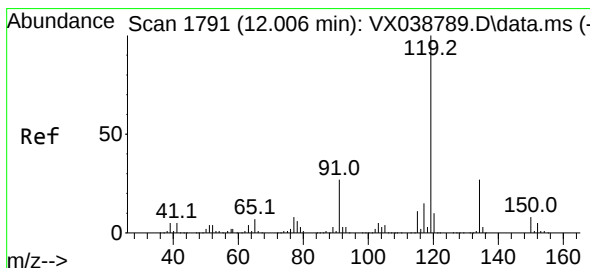
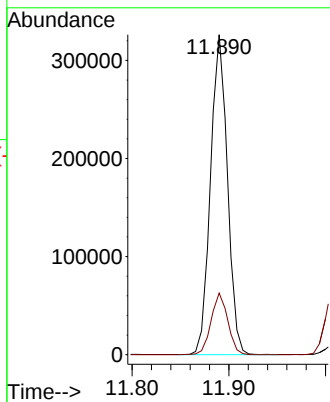
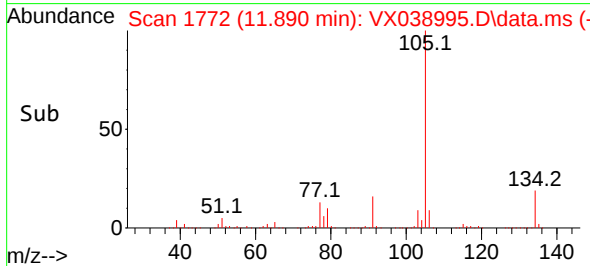
Instrument :
 MSVOA_X
 ClientSampleId :
 15BR-20231113MS



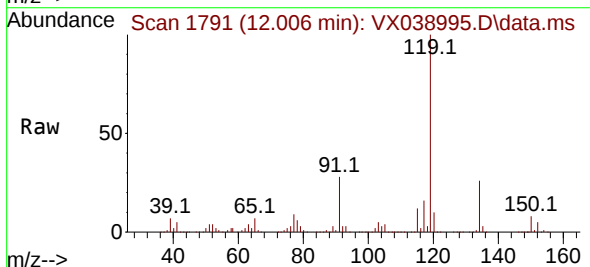
Tgt Ion:105 Resp: 39636
 Ion Ratio Lower Upper
 105 100
 134 18.9 9.8 29.4

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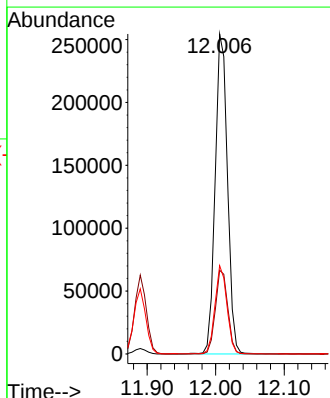
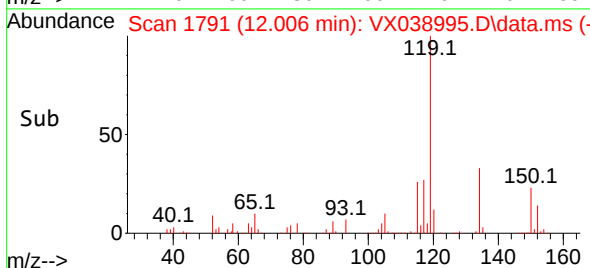
Reviewed By :John Carlone 11/22/2023
 Supervised By :Mahesh Dadoda 11/22/2023

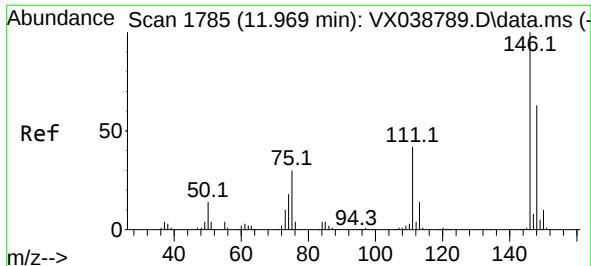


#86
 p-Isopropyltoluene
 Concen: 43.731 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX038995.D
 Acq: 21 Nov 2023 19:16



Tgt Ion:119 Resp: 315734
 Ion Ratio Lower Upper
 119 100
 134 26.4 12.8 38.3
 91 27.0 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 43.784 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX038995.D

Acq: 21 Nov 2023 19:16

Instrument :

MSVOA_X

ClientSampleId :

15BR-20231113MS

Tgt Ion:146 Resp: 15996

Ion Ratio Lower Upper

146 100

111 44.5 22.1 66.1

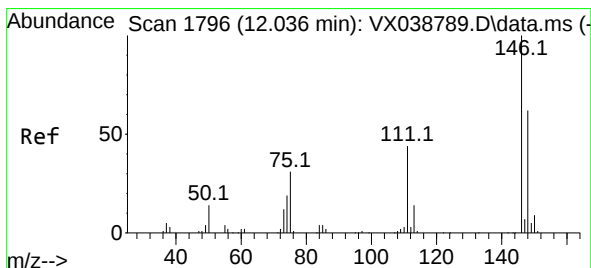
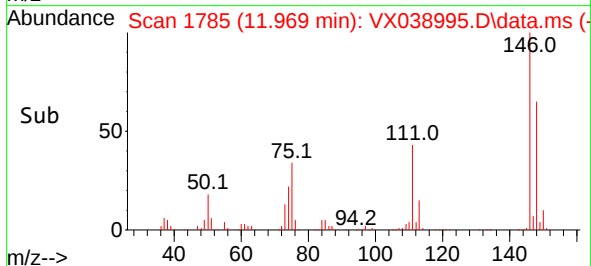
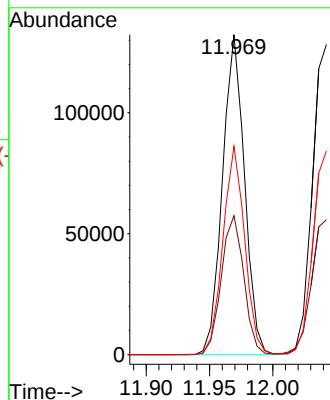
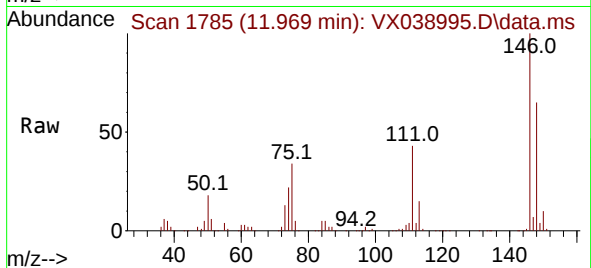
148 64.5 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2023

Supervised By :Mahesh Dadoda 11/22/2023



#88

1,4-Dichlorobenzene

Concen: 43.720 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.006 min

Lab File: VX038995.D

Acq: 21 Nov 2023 19:16

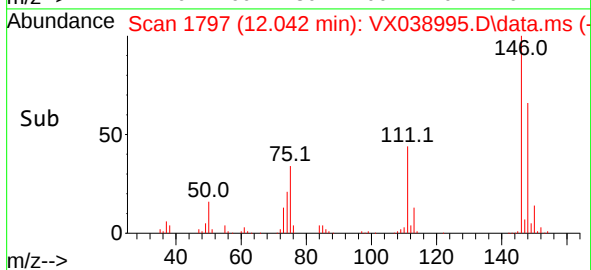
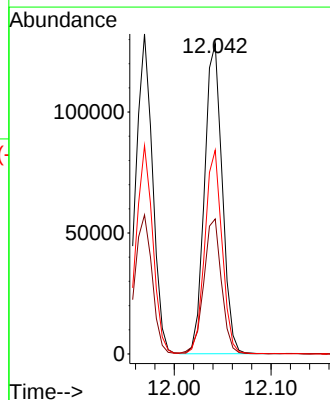
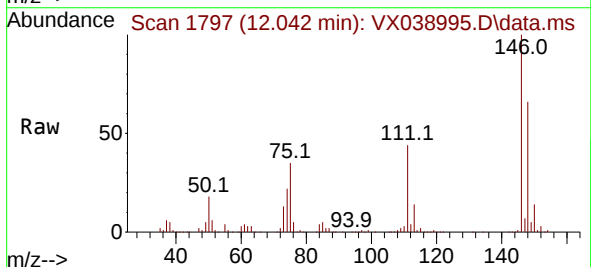
Tgt Ion:146 Resp: 163484

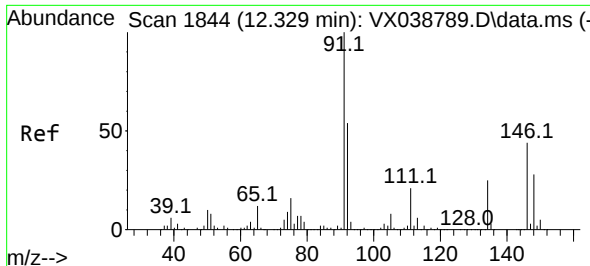
Ion Ratio Lower Upper

146 100

111 43.6 21.3 63.7

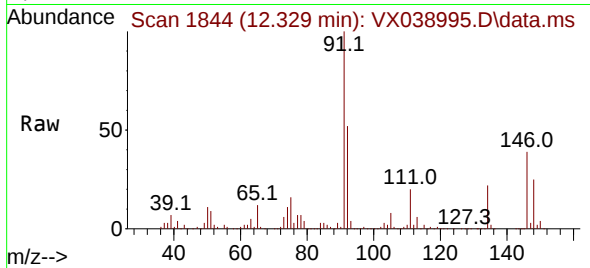
148 63.7 31.8 95.4





#89
n-Butylbenzene
Concen: 43.130 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX038995.D
Acq: 21 Nov 2023 19:16

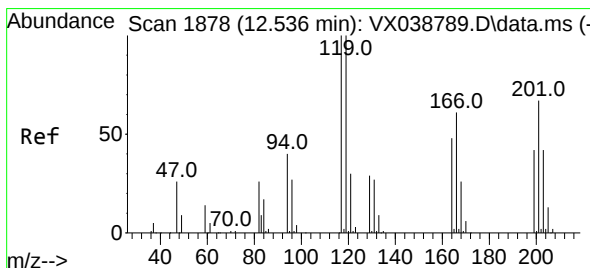
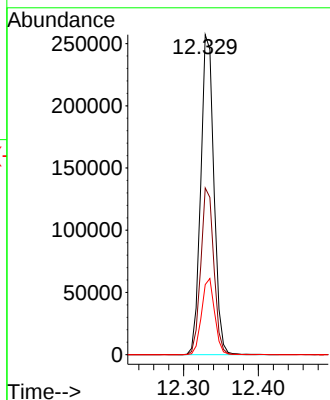
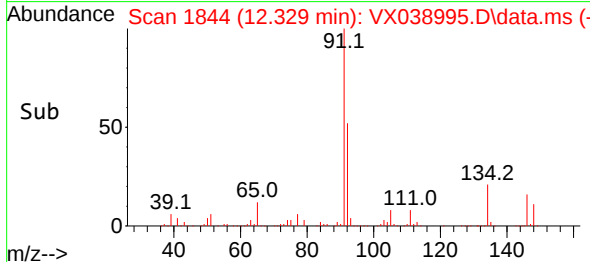
Instrument :
MSVOA_X
ClientSampleId :
15BR-20231113MS



Tgt Ion: 91 Resp: 31417
Ion Ratio Lower Upper
91 100
92 51.9 27.4 82.0
134 23.7 12.6 37.8

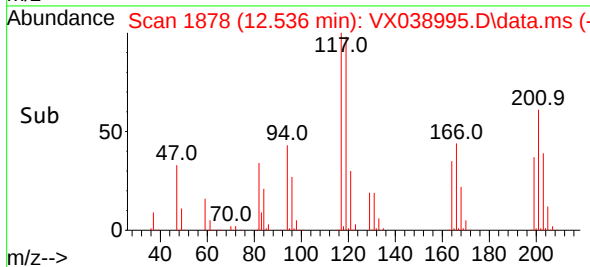
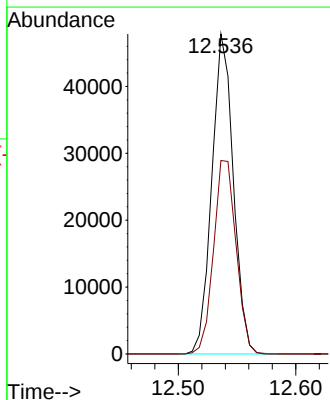
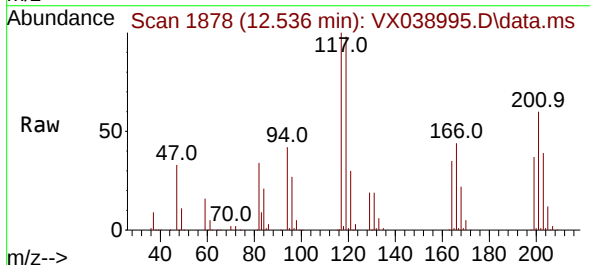
Manual Integrations
APPROVED

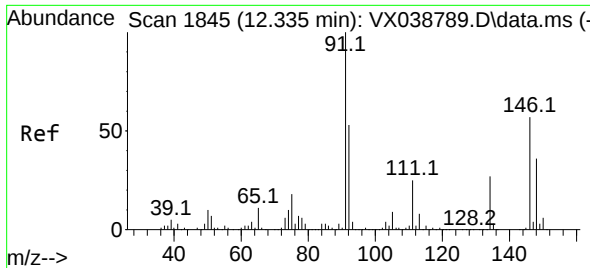
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023



#90
Hexachloroethane
Concen: 42.211 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX038995.D
Acq: 21 Nov 2023 19:16

Tgt Ion:117 Resp: 60859
Ion Ratio Lower Upper
117 100
201 63.6 32.9 98.6





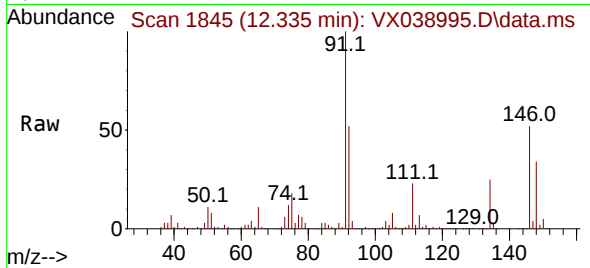
#91
1,2-Dichlorobenzene
Concen: 44.799 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX038995.D
Acq: 21 Nov 2023 19:16

Instrument :

MSVOA_X

ClientSampleId :

15BR-20231113MS



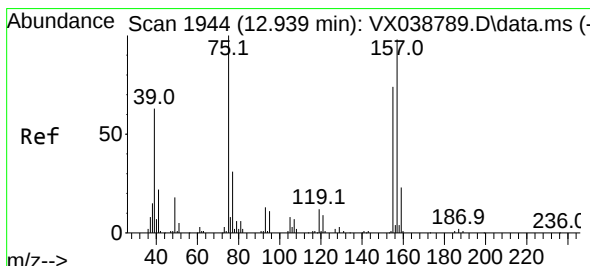
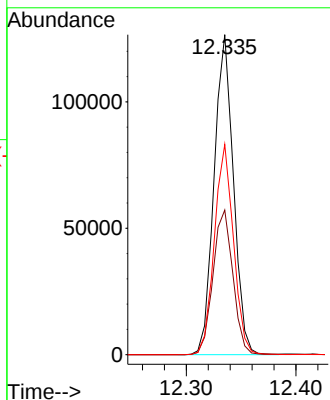
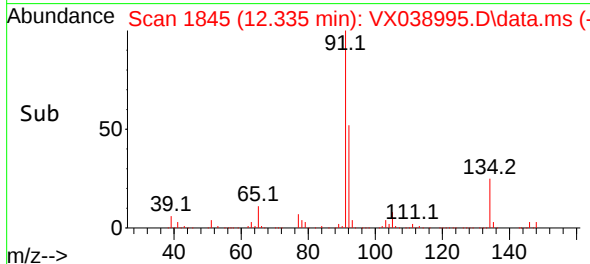
Tgt Ion:146 Resp: 155240
Ion Ratio Lower Upper
146 100
111 46.5 22.4 67.0
148 65.1 31.6 95.0

Manual Integrations

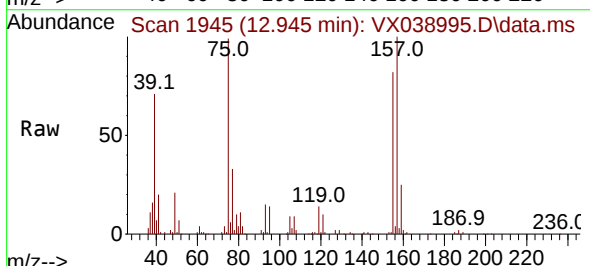
APPROVED

Reviewed By :John Carlone 11/22/2023

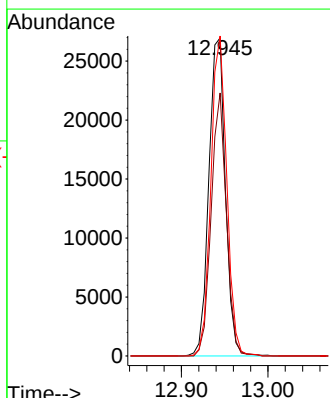
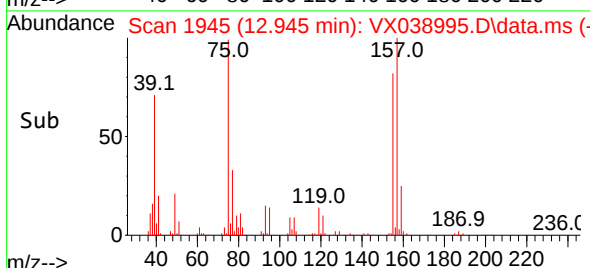
Supervised By :Mahesh Dadoda 11/22/2023

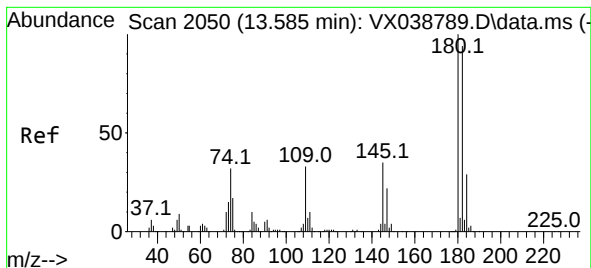


#92
1,2-Dibromo-3-Chloropropane
Concen: 44.980 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX038995.D
Acq: 21 Nov 2023 19:16



Tgt Ion: 75 Resp: 35720
Ion Ratio Lower Upper
75 100
155 76.0 36.1 108.5
157 96.6 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 43.991 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX038995.D

Acq: 21 Nov 2023 19:16

Instrument :

MSVOA_X

ClientSampleId :

15BR-20231113MS

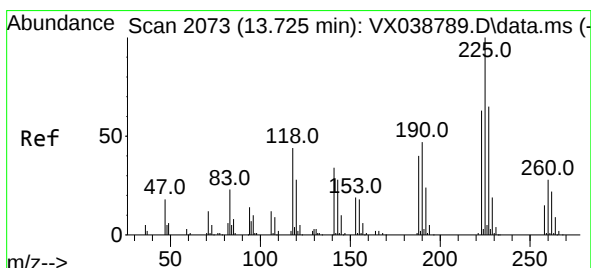
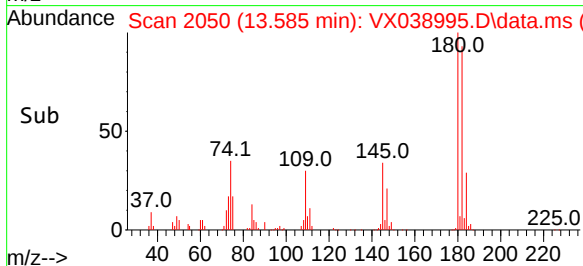
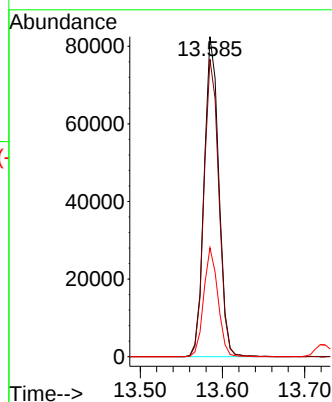
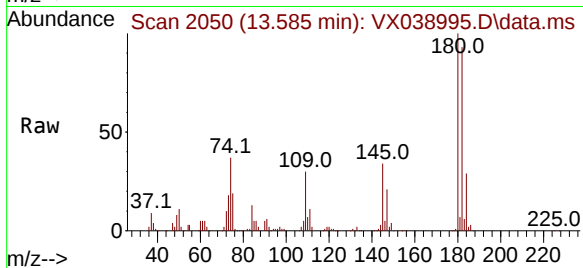
Tgt Ion:180	Resp: 10215
Ion Ratio	Lower Upper
180 100	
182 93.7	48.3 144.8
145 32.9	18.0 54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2023

Supervised By :Mahesh Dadoda 11/22/2023



#94

Hexachlorobutadiene

Concen: 43.491 ug/l

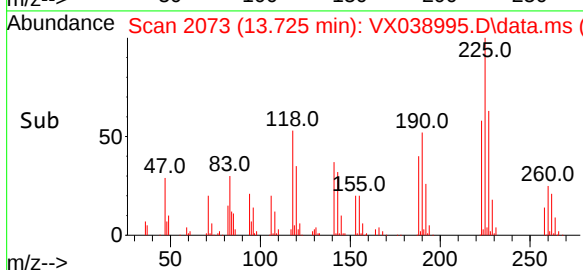
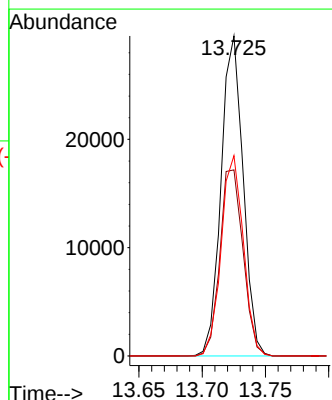
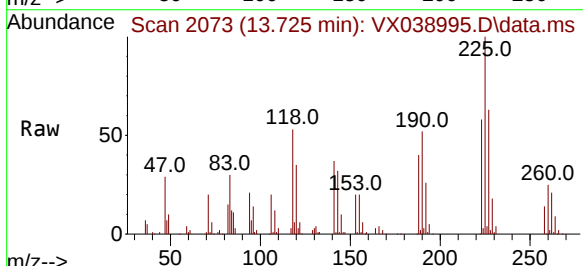
RT: 13.725 min Scan# 2073

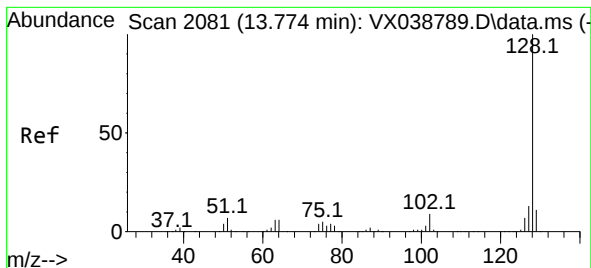
Delta R.T. -0.000 min

Lab File: VX038995.D

Acq: 21 Nov 2023 19:16

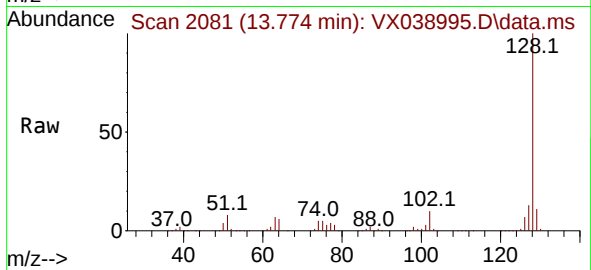
Tgt Ion:225	Resp: 35764
Ion Ratio	Lower Upper
225 100	
223 61.5	31.1 93.2
227 63.0	32.5 97.5





#95
Naphthalene
Concen: 43.734 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX038995.D
Acq: 21 Nov 2023 19:16

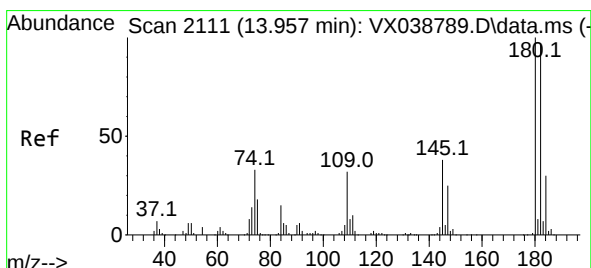
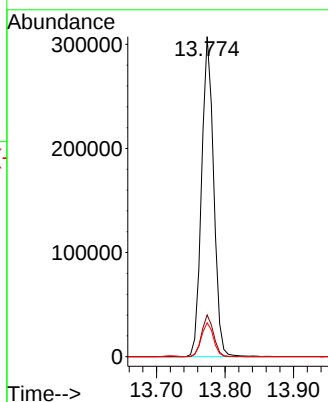
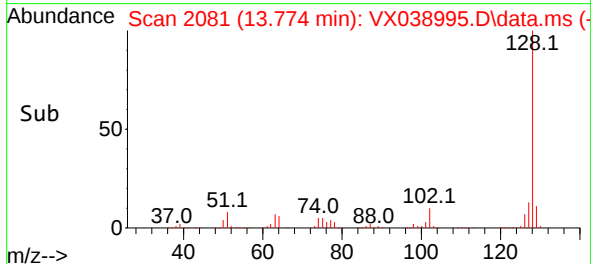
Instrument :
MSVOA_X
ClientSampleId :
15BR-20231113MS



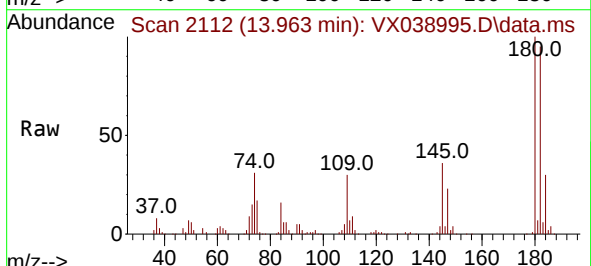
Tgt Ion:128 Resp: 378230
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.7 8.8 13.2

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 44.985 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX038995.D
Acq: 21 Nov 2023 19:16



Tgt Ion:180 Resp: 99024
Ion Ratio Lower Upper
180 100
182 94.5 46.9 140.6
145 35.8 17.8 53.5

