

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111723\
 Data File : VX038897.D
 Acq On : 18 Nov 2023 00:26
 Operator : JC/MD
 Sample : VX1117WBSD02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1117WBSD02

Quant Time: Nov 18 01:37:30 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 11/18/2023
 Supervised By : Mahesh Dadoda 11/20/2023

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	130957	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	247466	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	232624	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	115286	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	109178	51.739	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 103.480%			
35) Dibromofluoromethane	5.385	113	87736	49.090	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.180%			
50) Toluene-d8	8.647	98	330617	48.349	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 96.700%			
62) 4-Bromofluorobenzene	11.079	95	129123	47.171	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 94.340%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	31005	20.291	ug/l	98
3) Chloromethane	1.300	50	35500	17.800	ug/l	98
4) Vinyl Chloride	1.374	62	35982	18.730	ug/l	99
5) Bromomethane	1.605	94	23190	29.195	ug/l	96
6) Chloroethane	1.685	64	22828	20.822	ug/l	98
7) Trichlorofluoromethane	1.886	101	49284	20.216	ug/l	98
8) Diethyl Ether	2.136	74	20352	19.167	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	29069	17.980	ug/l	99
10) Methyl Iodide	2.453	142	36232	18.413	ug/l	91
11) Tert butyl alcohol	2.953	59	68230	116.254	ug/l #	95
12) 1,1-Dichloroethene	2.319	96	29997	18.378	ug/l	87
13) Acrolein	2.233	56	31202	100.487	ug/l	98
14) Allyl chloride	2.666	41	60138	18.402	ug/l	93
15) Acrylonitrile	3.062	53	124575	100.453	ug/l	97
16) Acetone	2.380	43	107674	95.853	ug/l	91
17) Carbon Disulfide	2.508	76	84232	16.660	ug/l	99
18) Methyl Acetate	2.703	43	113384	21.250	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	112154	19.536	ug/l	96
20) Methylene Chloride	2.788	84	36412	17.982	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	33154	18.409	ug/l	94
22) Diisopropyl ether	3.763	45	115480	19.262	ug/l	88
23) Vinyl Acetate	3.721	43	404858	93.767	ug/l	99
24) 1,1-Dichloroethane	3.611	63	63471	18.932	ug/l	97
25) 2-Butanone	4.556	43	178770	98.138	ug/l	97
26) 2,2-Dichloropropane	4.477	77	45986	15.813	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	38475	18.328	ug/l	95
28) Bromochloromethane	4.897	49	30769	19.116	ug/l	99
29) Tetrahydrofuran	5.007	42	118782	102.697	ug/l	98
30) Chloroform	5.092	83	63362	19.355	ug/l	100
31) Cyclohexane	5.470	56	54774	18.180	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	55277	19.495	ug/l	98
36) 1,1-Dichloropropene	5.690	75	46156	18.019	ug/l	97
37) Ethyl Acetate	4.714	43	63929	19.156	ug/l	97
38) Carbon Tetrachloride	5.684	117	45453	19.199	ug/l	96
39) Methylcyclohexane	7.379	83	56042	16.773	ug/l	95
40) Benzene	6.037	78	139294	18.385	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	34137	19.722	ug/l	91
42) 1,2-Dichloroethane	6.086	62	50769	20.225	ug/l	97
43) Isopropyl Acetate	6.342	43	101372	19.007	ug/l	98
44) Trichloroethene	7.129	130	34908	18.929	ug/l	99
45) 1,2-Dichloropropane	7.427	63	37929	18.603	ug/l	97
46) Dibromomethane	7.580	93	26040	19.152	ug/l	98
47) Bromodichloromethane	7.824	83	50817	18.831	ug/l	96
48) Methyl methacrylate	7.696	41	47675	18.423	ug/l	93
49) 1,4-Dioxane	7.659	88	23009	459.594	ug/l #	92
51) 4-Methyl-2-Pentanone	8.574	43	341955	100.327	ug/l	99
52) Toluene	8.720	92	87497	18.610	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	56810	17.715	ug/l	96
54) cis-1,3-Dichloropropene	8.366	75	60146	18.157	ug/l	90
55) 1,1,2-Trichloroethane	9.153	97	37821	19.279	ug/l	97
56) Ethyl methacrylate	9.116	69	63335	19.082	ug/l	93
57) 1,3-Dichloropropane	9.311	76	62293	19.200	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	153422	99.225	ug/l	96
59) 2-Hexanone	9.427	43	270663	99.074	ug/l	97
60) Dibromochloromethane	9.518	129	37054	18.577	ug/l	96
61) 1,2-Dibromoethane	9.610	107	38927	18.910	ug/l	99
64) Tetrachloroethene	9.275	164	27632	19.110	ug/l	95
65) Chlorobenzene	10.079	112	92017	18.363	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	33559	18.618	ug/l	98
67) Ethyl Benzene	10.195	91	172814	18.771	ug/l	99
68) m/p-Xylenes	10.299	106	129055	37.057	ug/l	100
69) o-Xylene	10.640	106	63371	18.390	ug/l	98
70) Styrene	10.652	104	107149	18.411	ug/l	98
71) Bromoform	10.799	173	28077	18.685	ug/l #	99
73) Isopropylbenzene	10.963	105	164172	18.277	ug/l	98
74) N-amyl acetate	10.841	43	86392	18.194	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	64545	18.408	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	52259m	18.168	ug/l	
77) Bromobenzene	11.195	156	37674	18.666	ug/l	99
78) n-propylbenzene	11.305	91	201711	18.244	ug/l	98
79) 2-Chlorotoluene	11.366	91	117157	17.855	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	142479	18.865	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	21012	16.203	ug/l #	82
82) 4-Chlorotoluene	11.457	91	137719	18.203	ug/l	100
83) tert-Butylbenzene	11.713	119	137174	18.442	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	141314	18.486	ug/l	100
85) sec-Butylbenzene	11.890	105	177867	18.281	ug/l	99
86) p-Isopropyltoluene	12.006	119	142644	18.263	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	71348	18.052	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	74244	18.354	ug/l	98
89) n-Butylbenzene	12.335	91	136966	17.381	ug/l	97
90) Hexachloroethane	12.536	117	27984	17.942	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	69905	18.648	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	16563	19.280	ug/l	93
93) 1,2,4-Trichlorobenzene	13.591	180	46021	18.320	ug/l	96
94) Hexachlorobutadiene	13.725	225	15835	17.800	ug/l	97
95) Naphthalene	13.774	128	172678	18.457	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	45147	18.959	ug/l	99

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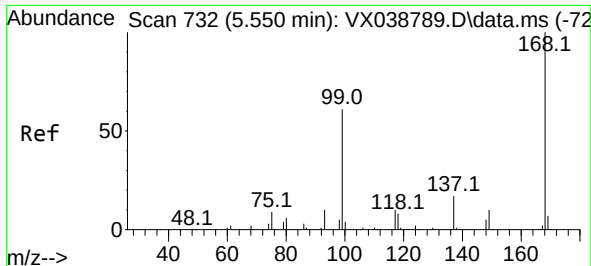
Manual Integrations
APPROVED

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Quant Title : SW846 8260
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Response via : Initial Calibration

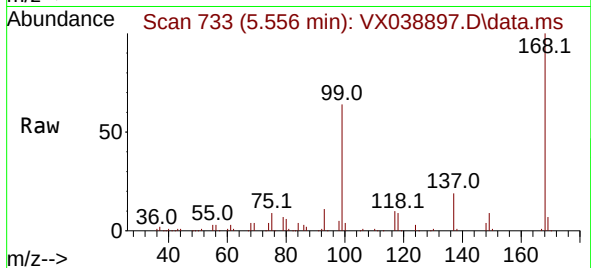
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
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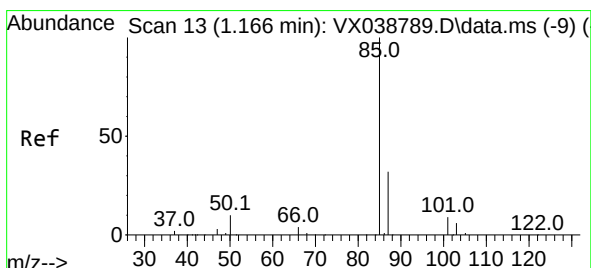
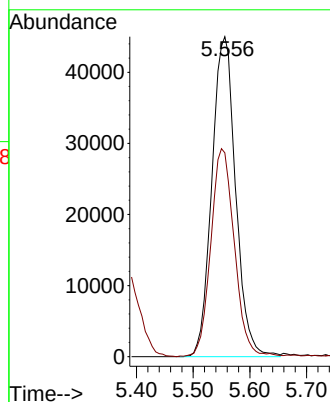
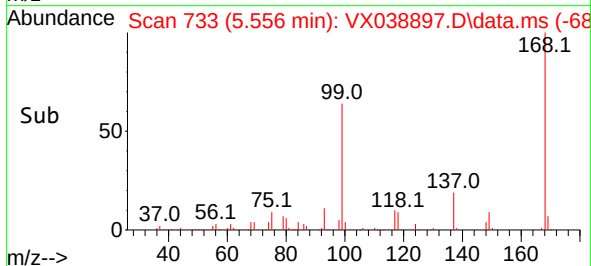
Instrument :
MSVOA_X
ClientSampleId :
VX1117WBSD02



Tgt Ion:168 Resp: 13095
Ion Ratio Lower Upper
168 100
99 63.5 56.6 85.0

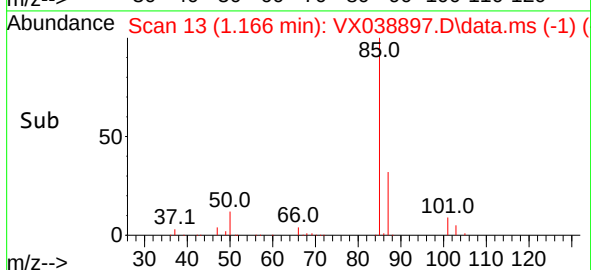
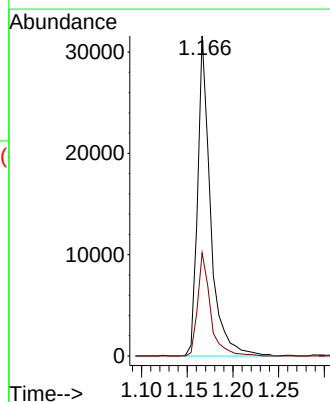
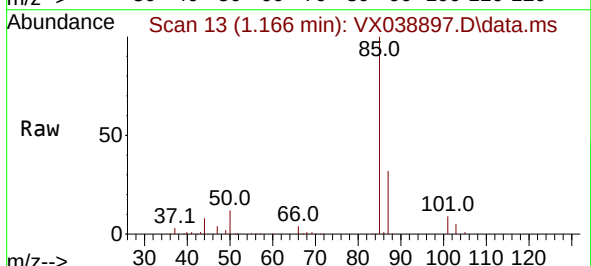
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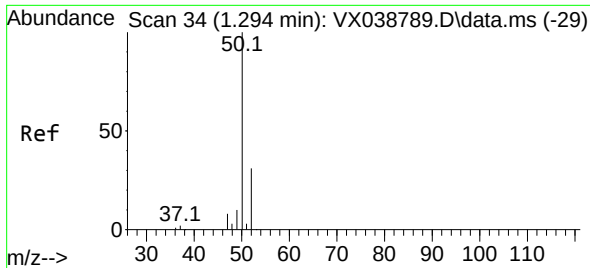
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#2
Dichlorodifluoromethane
Concen: 20.291 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX038897.D
Acq: 18 Nov 2023 00:26

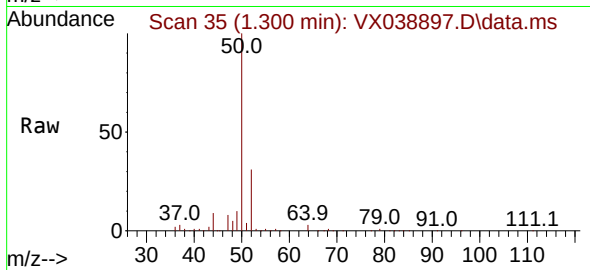
Tgt Ion: 85 Resp: 31005
Ion Ratio Lower Upper
85 100
87 32.3 16.7 50.1





#3
Chloromethane
Concen: 17.800 ug/l
RT: 1.300 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX038897.D
Acq: 18 Nov 2023 00:26

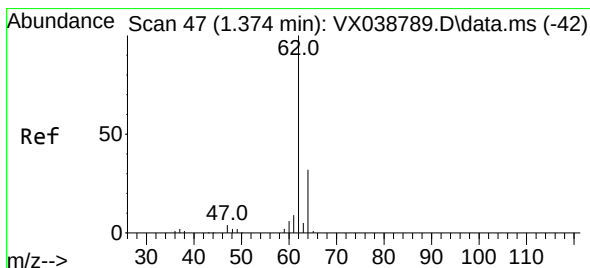
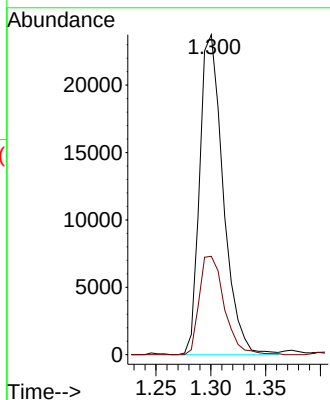
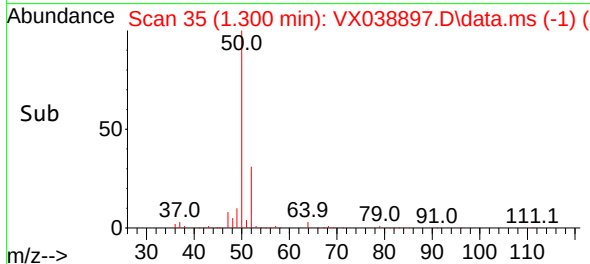
Instrument :
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VX1117WBSD02



Tgt Ion: 50 Resp: 35500
Ion Ratio Lower Upper
50 100
52 30.7 25.5 38.3

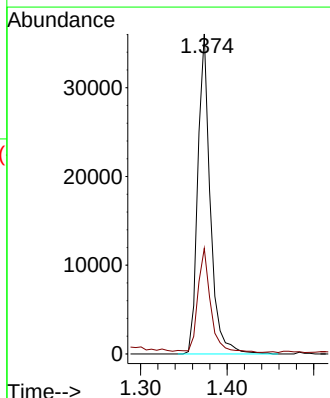
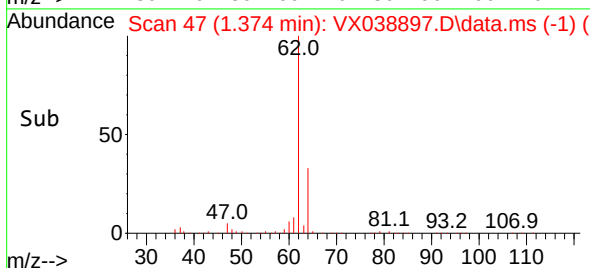
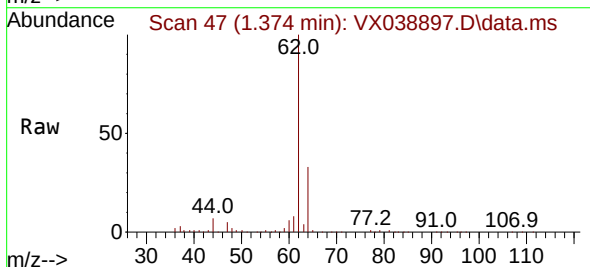
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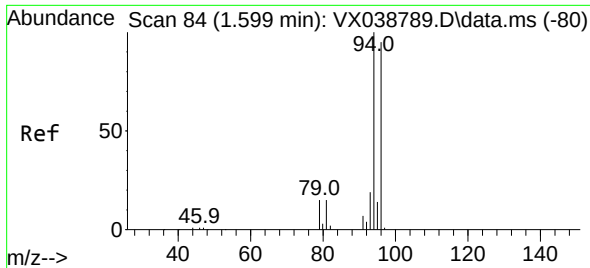
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#4
Vinyl Chloride
Concen: 18.730 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX038897.D
Acq: 18 Nov 2023 00:26

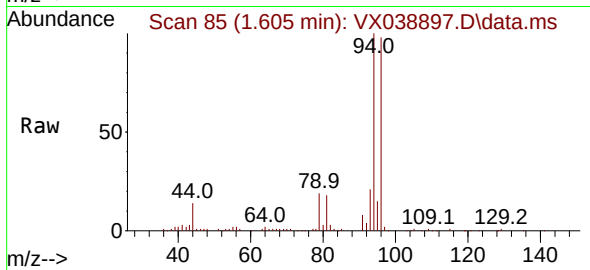
Tgt Ion: 62 Resp: 35982
Ion Ratio Lower Upper
62 100
64 32.5 25.4 38.0





#5
Bromomethane
Concen: 29.195 ug/l
RT: 1.605 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX038897.D
Acq: 18 Nov 2023 00:26

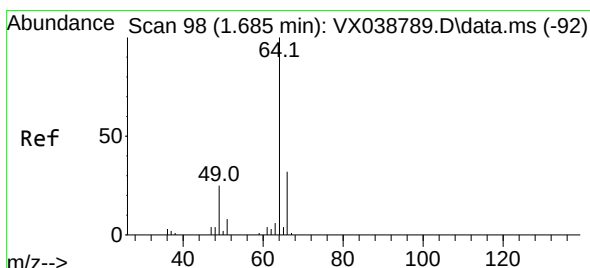
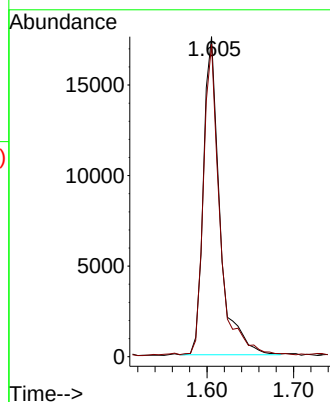
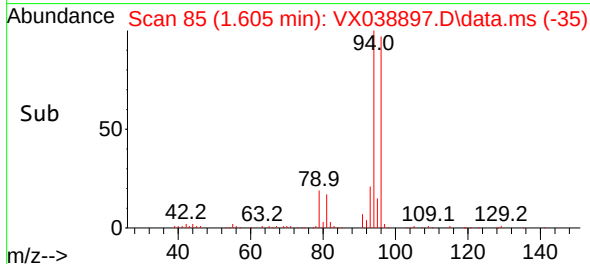
Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion: 94 Resp: 23190
Ion Ratio Lower Upper
94 100
96 97.5 74.6 111.8

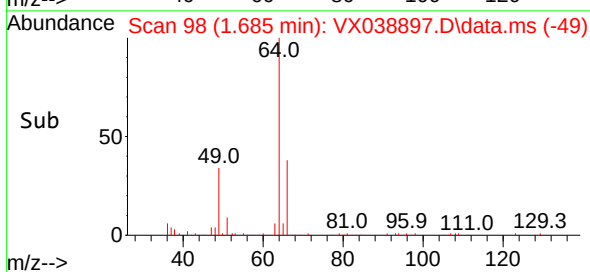
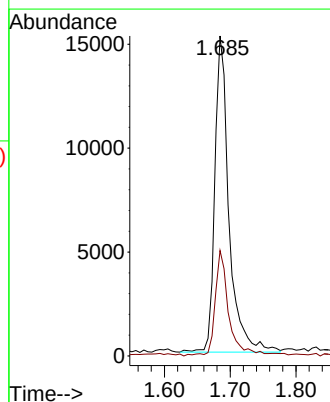
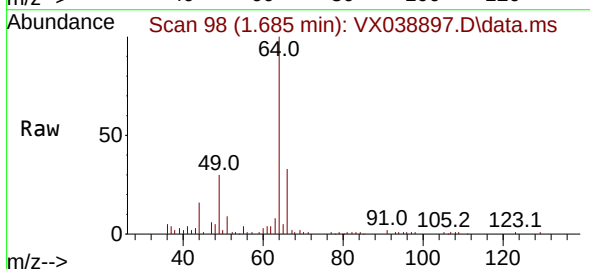
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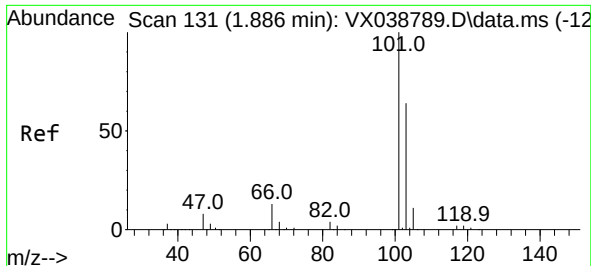
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#6
Chloroethane
Concen: 20.822 ug/l
RT: 1.685 min Scan# 98
Delta R.T. -0.000 min
Lab File: VX038897.D
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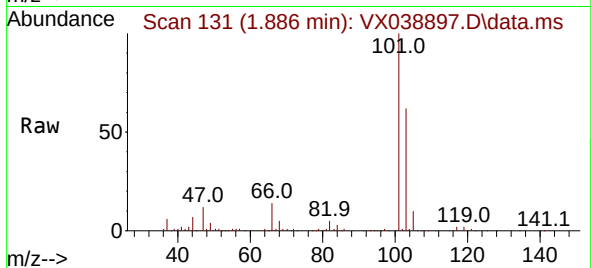
Tgt Ion: 64 Resp: 22828
Ion Ratio Lower Upper
64 100
66 32.8 25.1 37.7





#7
Trichlorofluoromethane
Concen: 20.216 ug/l
RT: 1.886 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX038897.D
Acq: 18 Nov 2023 00:26

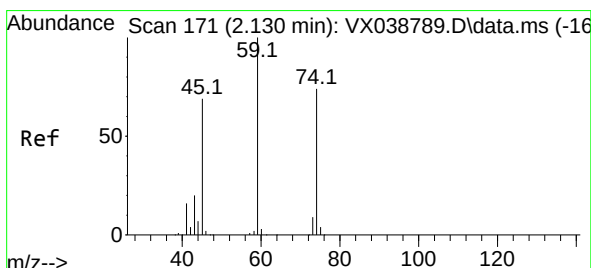
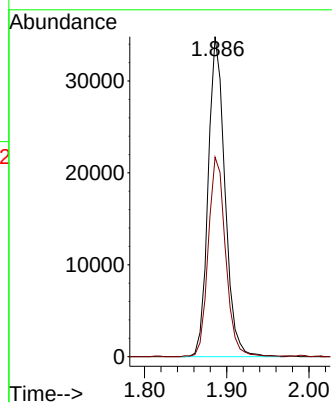
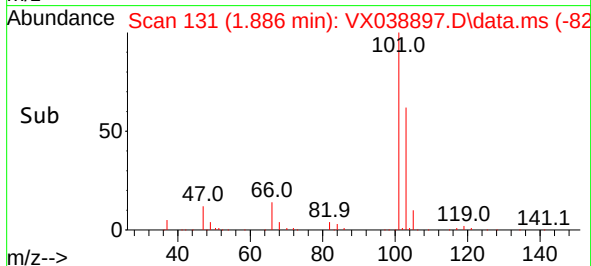
Instrument :
MSVOA_X
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Tgt Ion:101 Resp: 49284
Ion Ratio Lower Upper
101 100
103 62.4 51.4 77.2

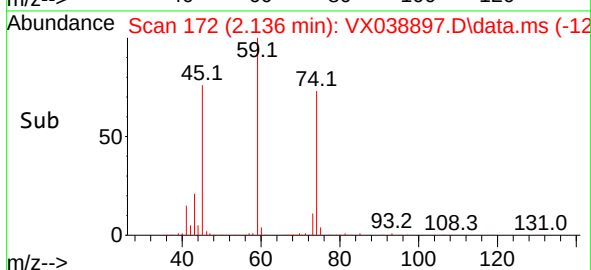
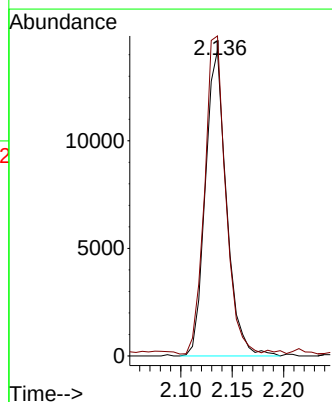
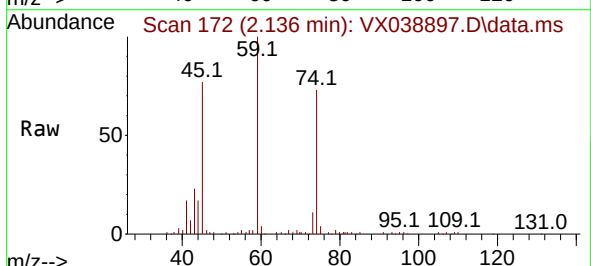
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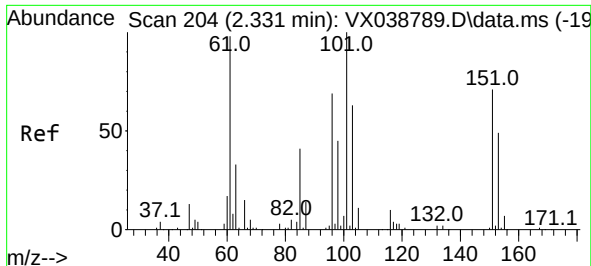
Reviewed By :John Carlone 11/18/2023
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#8
Diethyl Ether
Concen: 19.167 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.006 min
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Acq: 18 Nov 2023 00:26

Tgt Ion: 74 Resp: 20352
Ion Ratio Lower Upper
74 100
45 103.3 53.3 159.8





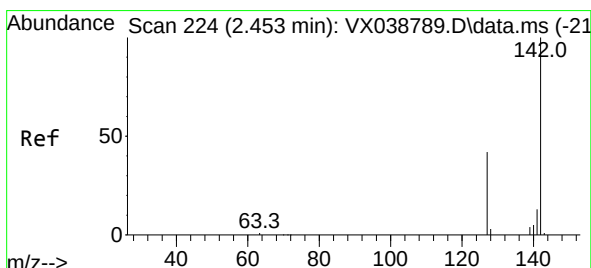
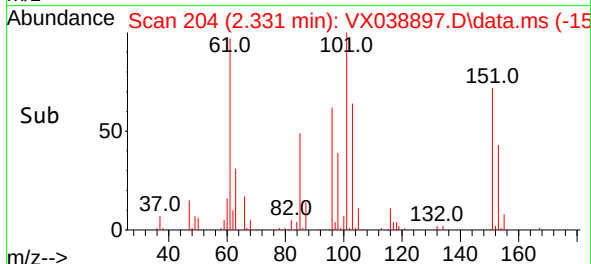
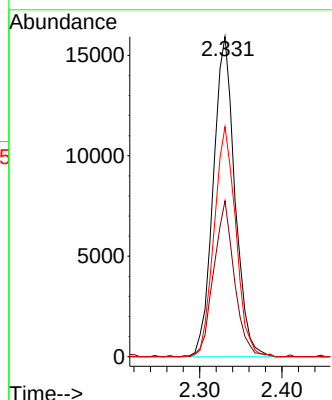
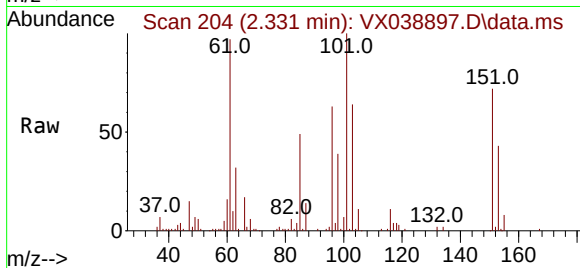
#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.980 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX038897.D
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Instrument :
MSVOA_X
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Tgt Ion:101 Resp: 29069
Ion Ratio Lower Upper
101 100
85 46.8 37.0 55.6
151 72.4 58.6 87.8

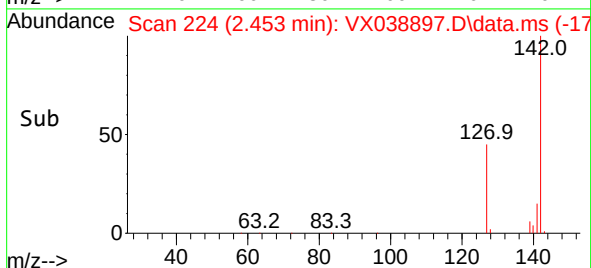
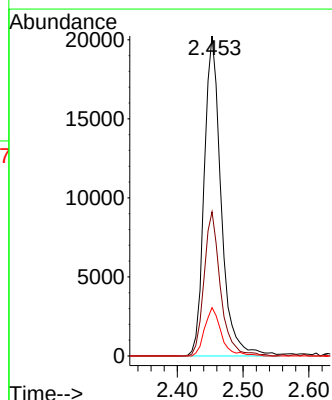
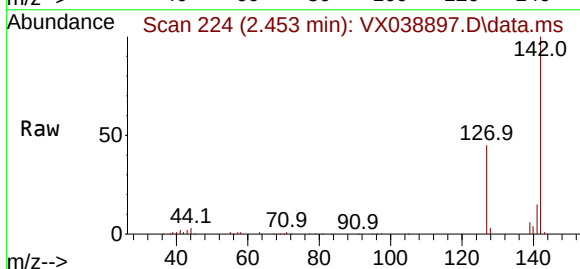
Manual Integrations
APPROVED

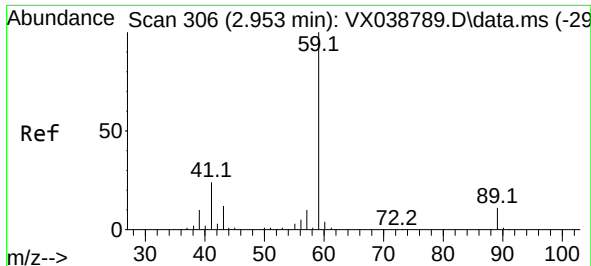
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#10
Methyl Iodide
Concen: 18.413 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX038897.D
Acq: 18 Nov 2023 00:26

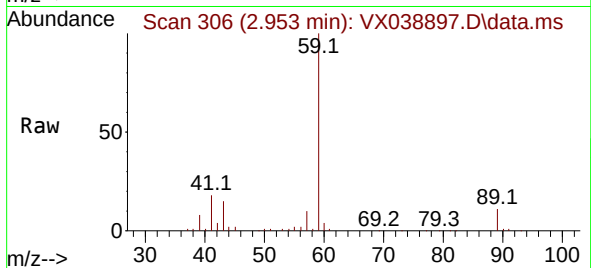
Tgt Ion:142 Resp: 36232
Ion Ratio Lower Upper
142 100
127 43.8 41.6 62.4
141 14.9 11.6 17.4





#11
Tert butyl alcohol
Concen: 116.254 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.000 min
Lab File: VX038897.D
Acq: 18 Nov 2023 00:26

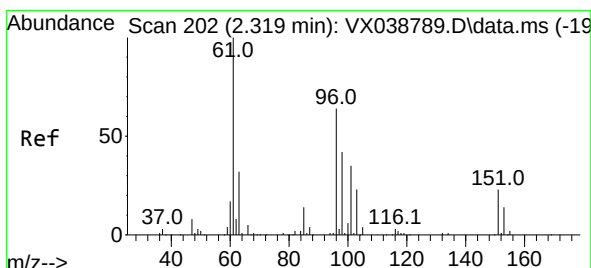
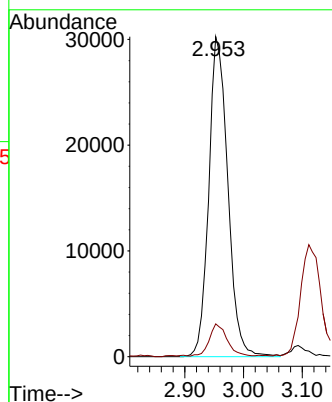
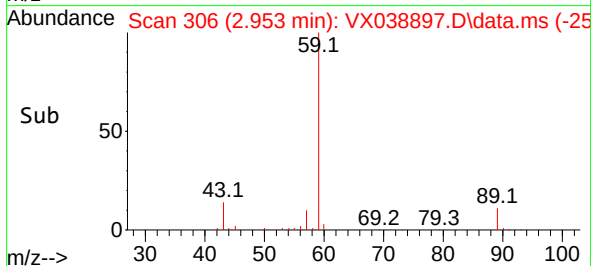
Instrument :
MSVOA_X
ClientSampleId :
VX1117WBSD02



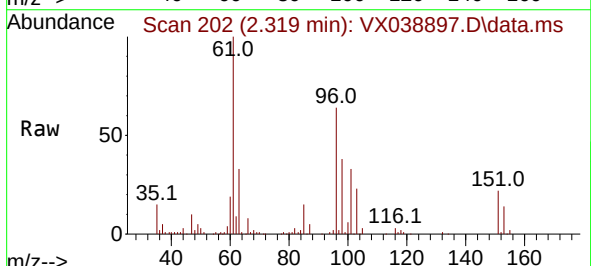
Tgt Ion: 59 Resp: 68230
Ion Ratio Lower Upper
59 100
57 9.2 6.0 9.0

Manual Integrations
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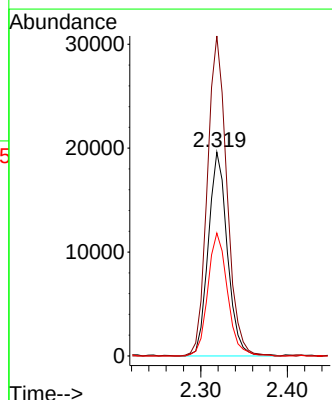
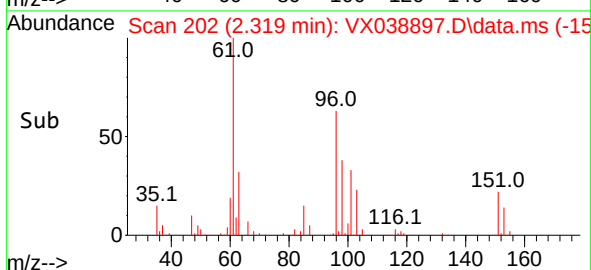
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023

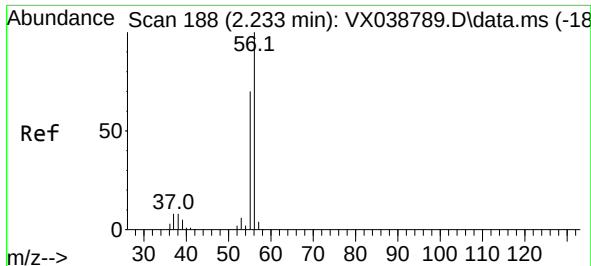


#12
1,1-Dichloroethene
Concen: 18.378 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX038897.D
Acq: 18 Nov 2023 00:26



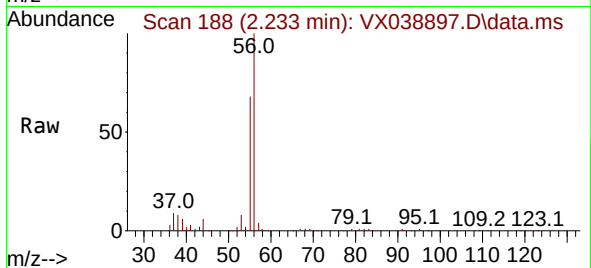
Tgt Ion: 96 Resp: 29997
Ion Ratio Lower Upper
96 100
61 157.0 144.6 216.8
98 60.3 50.4 75.6





#13
Acrolein
Concen: 100.487 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.000 min
Lab File: VX038897.D
Acq: 18 Nov 2023 00:26

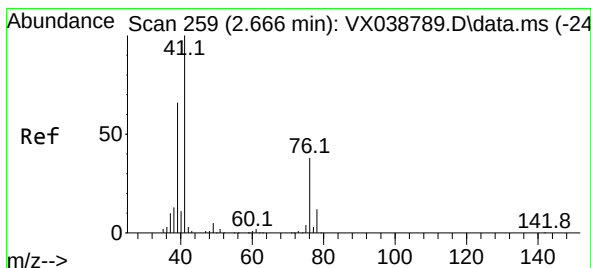
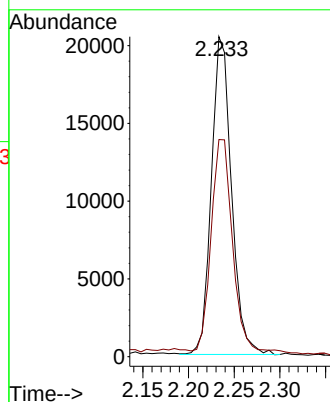
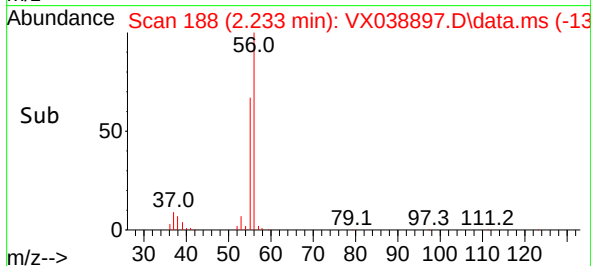
Instrument :
MSVOA_X
ClientSampleId :
VX1117WBSD02



Tgt Ion: 56 Resp: 3120
Ion Ratio Lower Upper
56 100
55 73.4 57.1 85.7

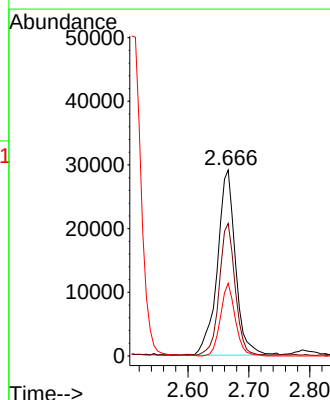
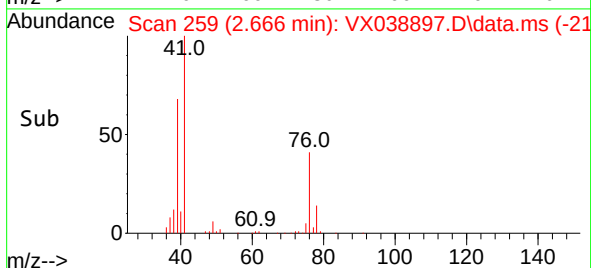
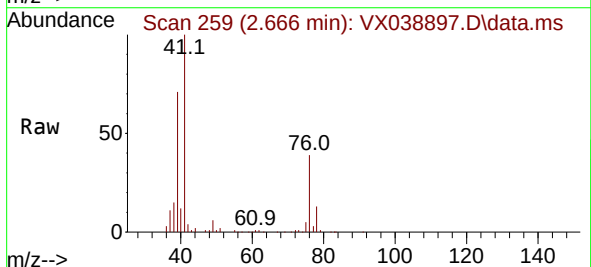
Manual Integrations
APPROVED

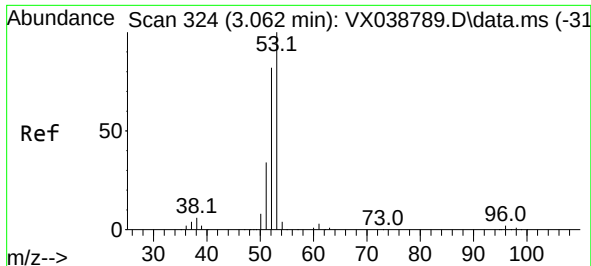
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#14
Allyl chloride
Concen: 18.402 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX038897.D
Acq: 18 Nov 2023 00:26

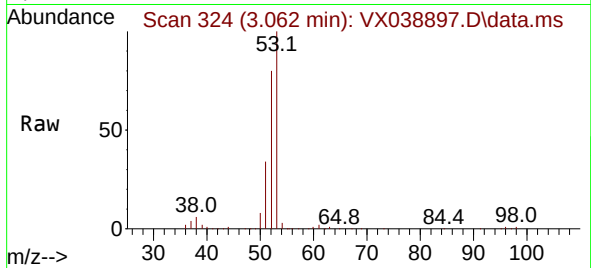
Tgt Ion: 41 Resp: 60138
Ion Ratio Lower Upper
41 100
39 62.9 55.8 83.6
76 31.9 24.3 36.5





#15
Acrylonitrile
Concen: 100.453 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX038897.D
Acq: 18 Nov 2023 00:26

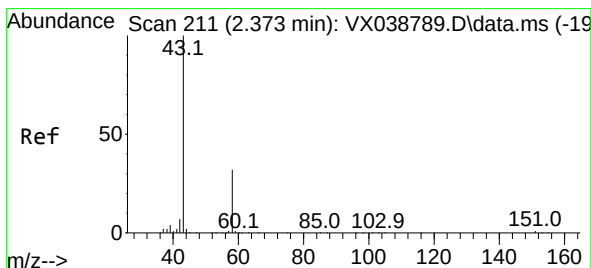
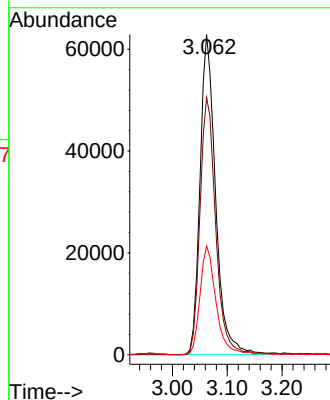
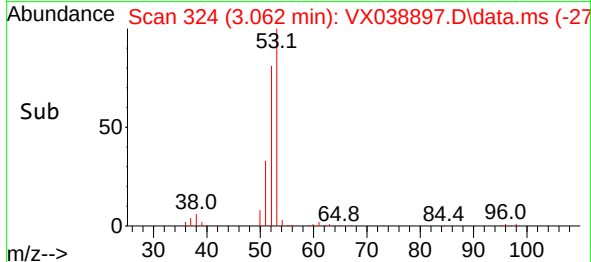
Instrument :
MSVOA_X
ClientSampleId :
VX1117WBSD02



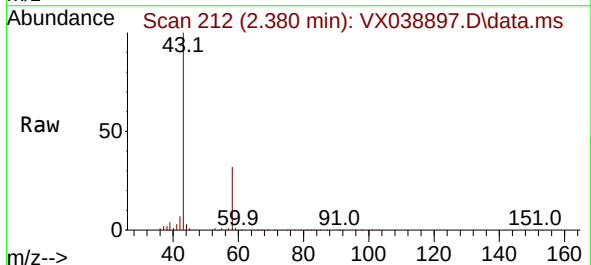
Tgt Ion: 53 Resp: 124574
Ion Ratio Lower Upper
53 100
52 80.6 66.0 99.0
51 34.7 29.8 44.6

Manual Integrations
APPROVED

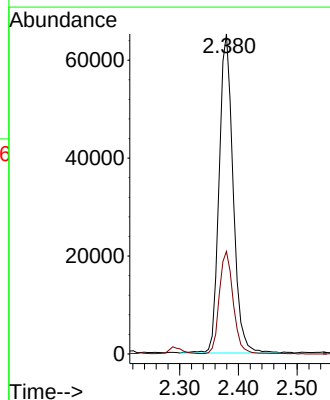
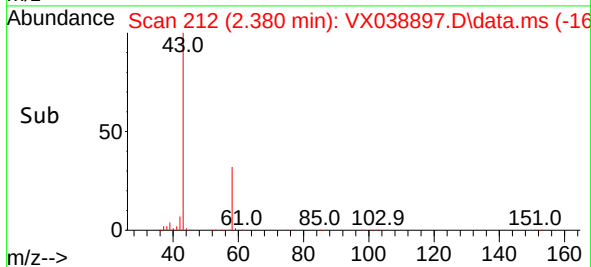
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023

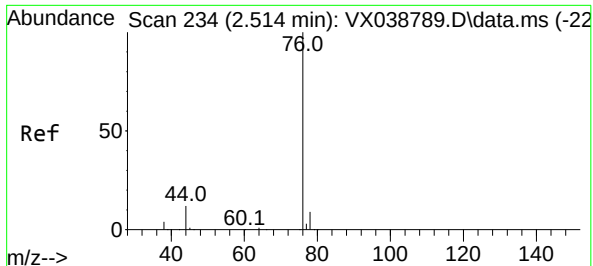


#16
Acetone
Concen: 95.853 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX038897.D
Acq: 18 Nov 2023 00:26



Tgt Ion: 43 Resp: 107674
Ion Ratio Lower Upper
43 100
58 31.9 21.9 32.9





#17

Carbon Disulfide

Concen: 16.660 ug/l

RT: 2.508 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX038897.D

Acq: 18 Nov 2023 00:26

Instrument :

MSVOA_X

ClientSampleId :

VX1117WBSD02

Tgt Ion: 76 Resp: 8423

Ion Ratio Lower Upper

76 100

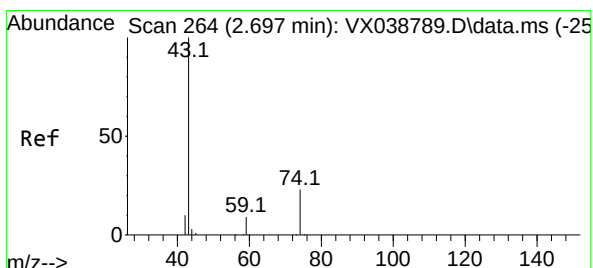
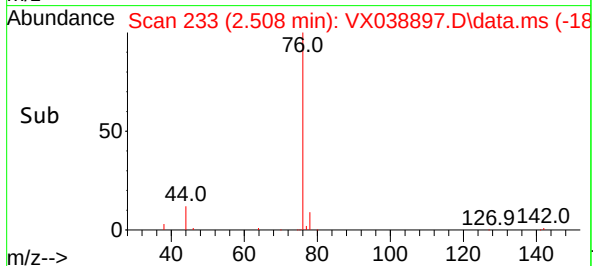
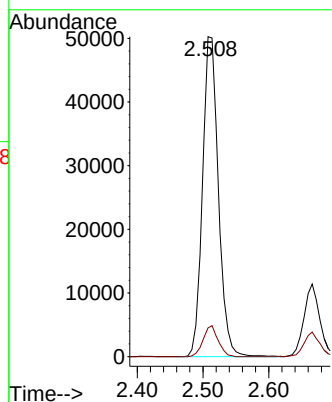
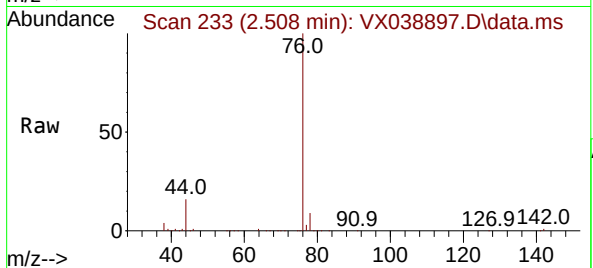
78 9.0 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2023

Supervised By :Mahesh Dadoda 11/20/2023



#18

Methyl Acetate

Concen: 21.250 ug/l

RT: 2.703 min Scan# 265

Delta R.T. 0.006 min

Lab File: VX038897.D

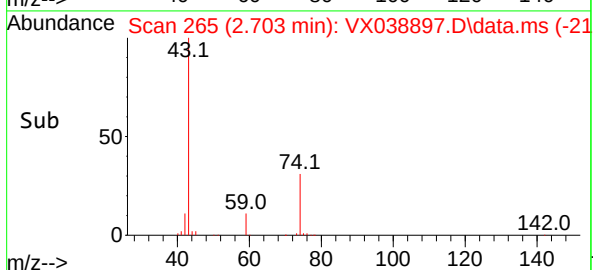
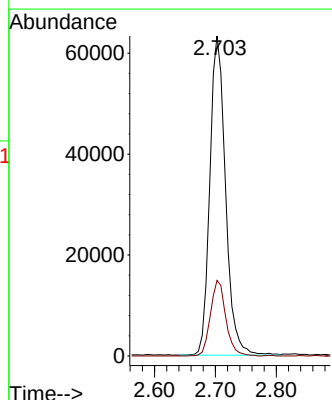
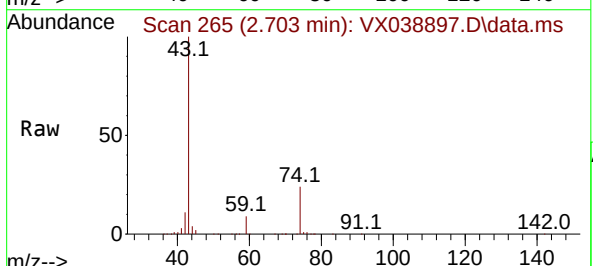
Acq: 18 Nov 2023 00:26

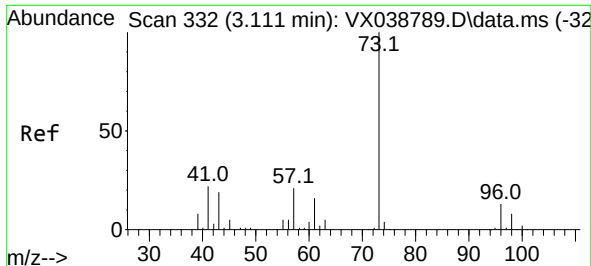
Tgt Ion: 43 Resp: 113384

Ion Ratio Lower Upper

43 100

74 23.2 17.8 26.8





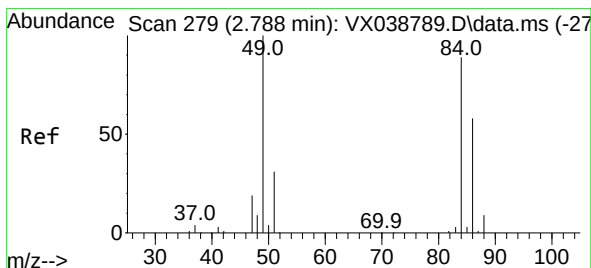
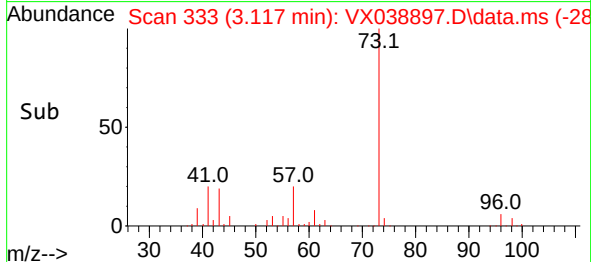
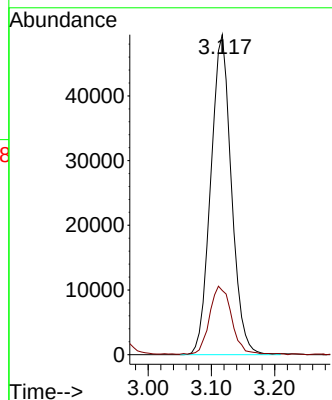
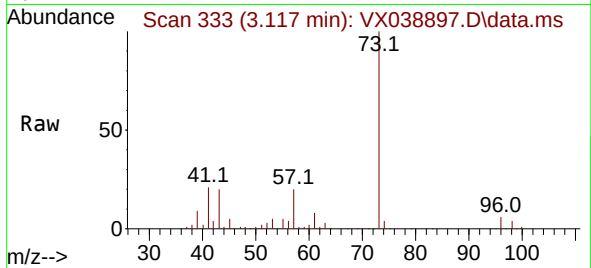
#19
Methyl tert-butyl Ether
Concen: 19.536 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX038897.D
Acq: 18 Nov 2023 00:26

Instrument :
MSVOA_X
ClientSampleId :
VX1117WBSD02

Tgt Ion: 73 Resp: 112154
Ion Ratio Lower Upper
73 100
57 19.9 17.3 25.9

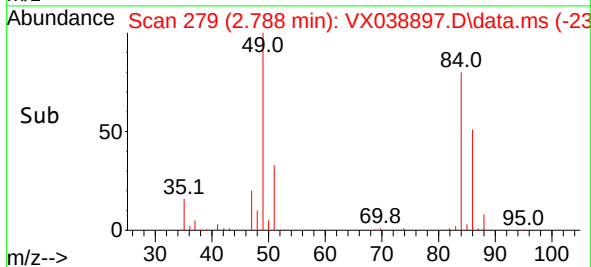
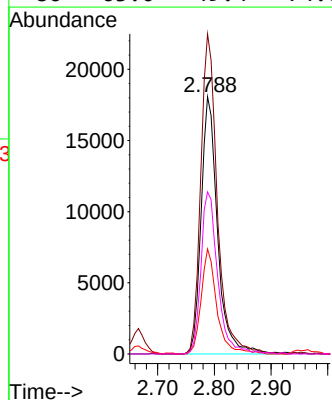
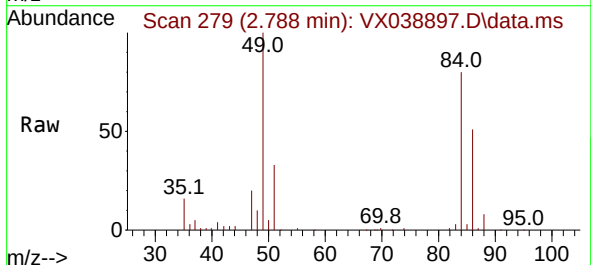
Manual Integrations
APPROVED

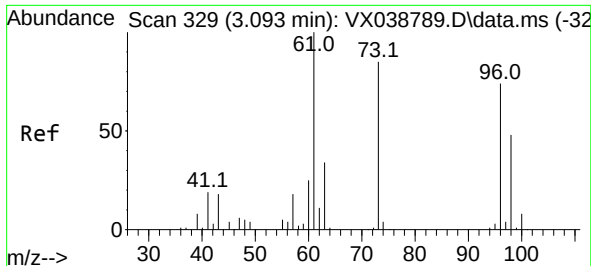
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#20
Methylene Chloride
Concen: 17.982 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX038897.D
Acq: 18 Nov 2023 00:26

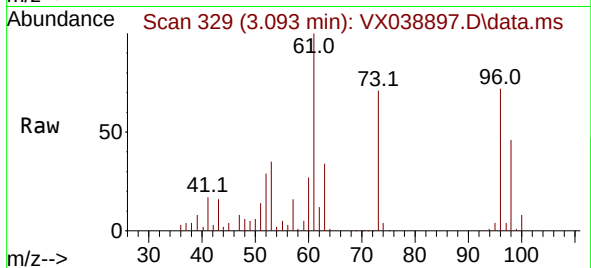
Tgt Ion: 84 Resp: 36412
Ion Ratio Lower Upper
84 100
49 124.4 103.6 155.4
51 40.8 33.8 50.6
86 63.0 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 18.409 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX038897.D
Acq: 18 Nov 2023 00:26

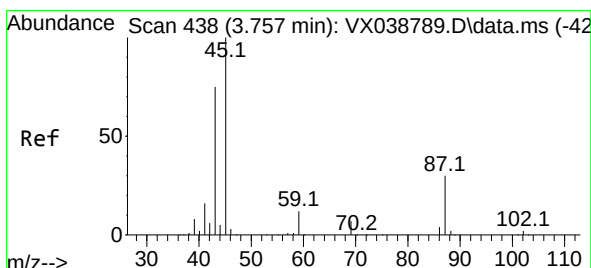
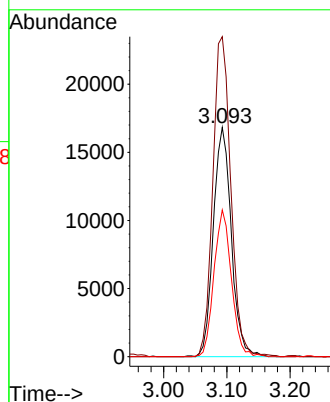
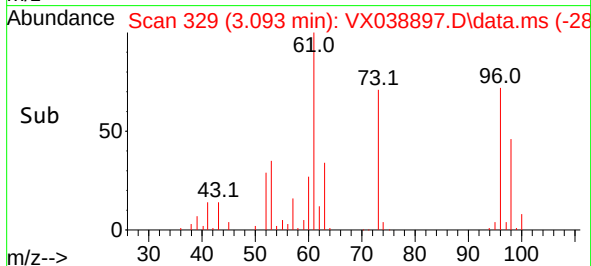
Instrument :
MSVOA_X
ClientSampleId :
VX1117WBSD02



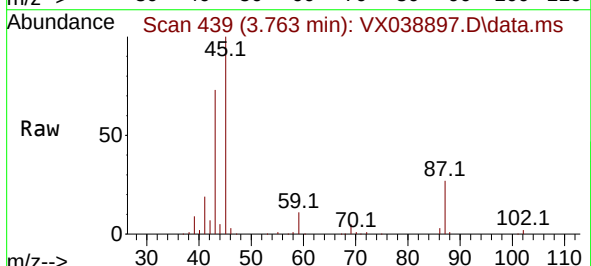
Tgt Ion: 96 Resp: 33154
Ion Ratio Lower Upper
96 100
61 139.6 119.2 178.8
98 64.0 48.7 73.1

Manual Integrations
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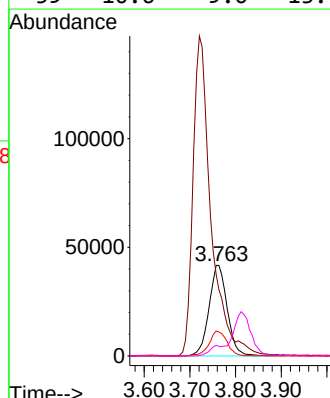
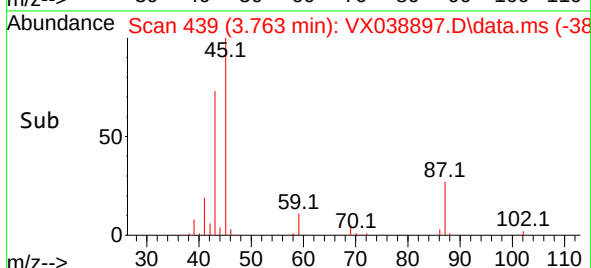
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023

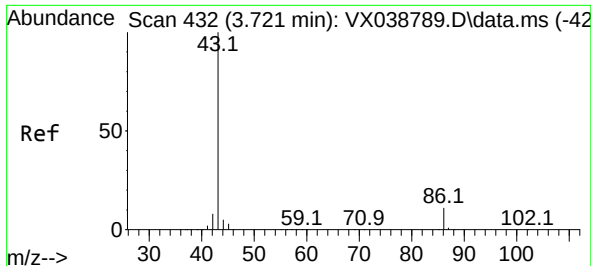


#22
Diisopropyl ether
Concen: 19.262 ug/l
RT: 3.763 min Scan# 439
Delta R.T. 0.006 min
Lab File: VX038897.D
Acq: 18 Nov 2023 00:26



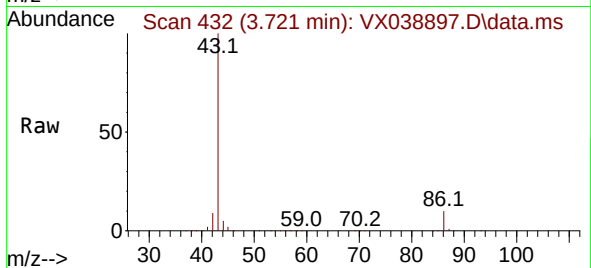
Tgt Ion: 45 Resp: 115480
Ion Ratio Lower Upper
45 100
43 72.3 69.7 104.5
87 26.6 20.8 31.2
59 10.6 9.0 13.4





#23
 Vinyl Acetate
 Concen: 93.767 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX038897.D
 Acq: 18 Nov 2023 00:26

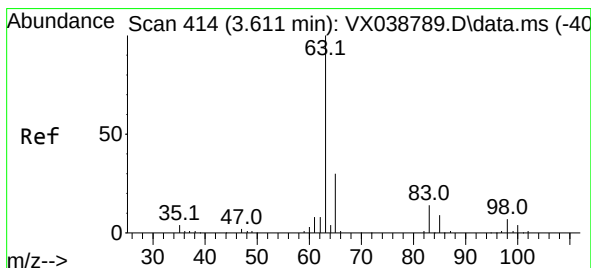
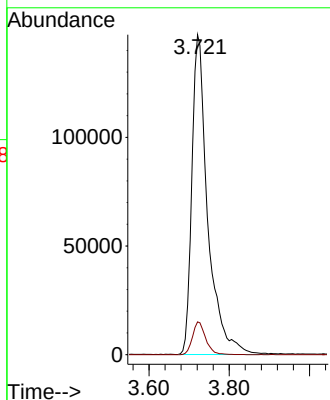
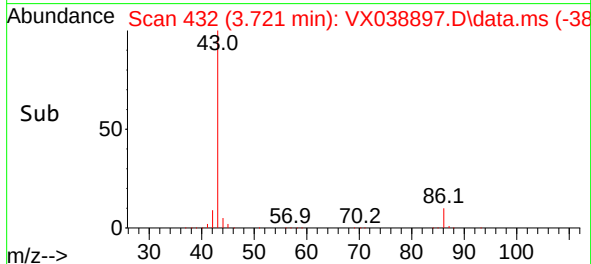
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1117WBSD02



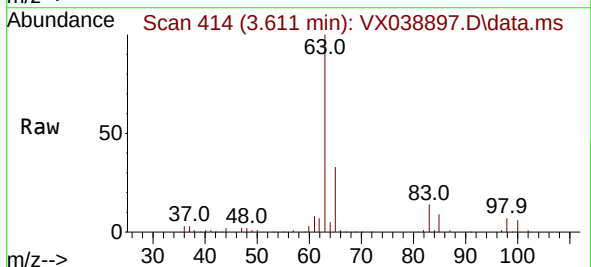
Tgt Ion: 43 Resp: 404858
 Ion Ratio Lower Upper
 43 100
 86 10.3 7.8 11.8

Manual Integrations
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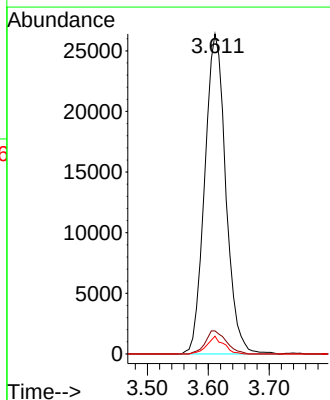
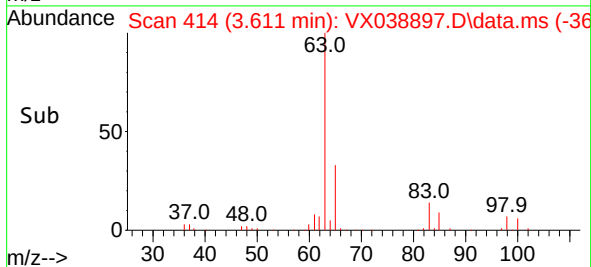
Reviewed By :John Carlone 11/18/2023
 Supervised By :Mahesh Dadoda 11/20/2023

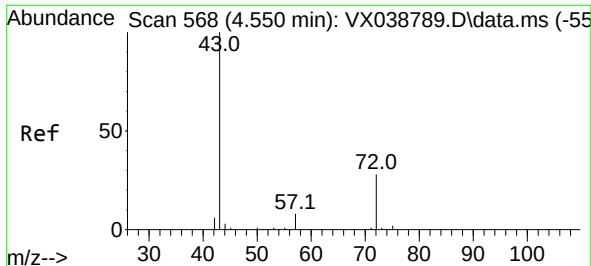


#24
 1,1-Dichloroethane
 Concen: 18.932 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. -0.000 min
 Lab File: VX038897.D
 Acq: 18 Nov 2023 00:26



Tgt Ion: 63 Resp: 63471
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.3 9.8
 100 5.6 2.1 6.5





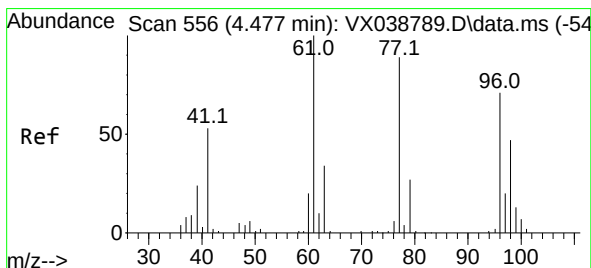
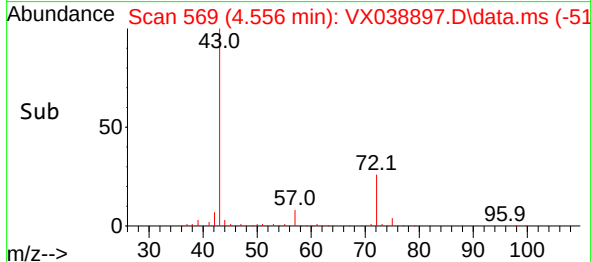
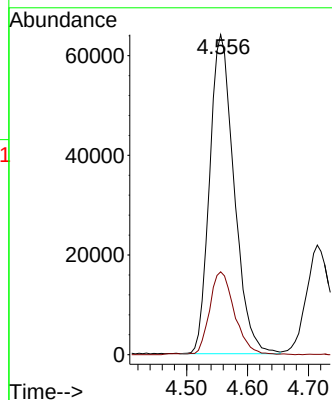
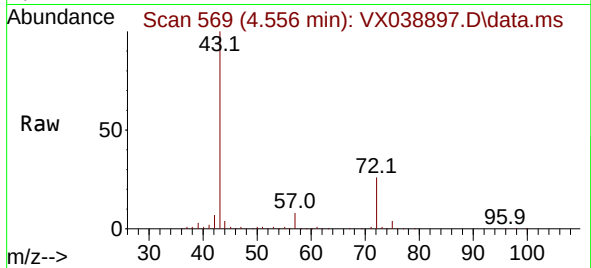
#25
2-Butanone
Concen: 98.138 ug/l
RT: 4.556 min Scan# 501
Delta R.T. 0.006 min
Lab File: VX038897.D
Acq: 18 Nov 2023 00:26

Instrument :
MSVOA_X
ClientSampleId :
VX1117WBSD02

Tgt Ion: 43 Resp: 178770
Ion Ratio Lower Upper
43 100
72 25.8 19.4 29.2

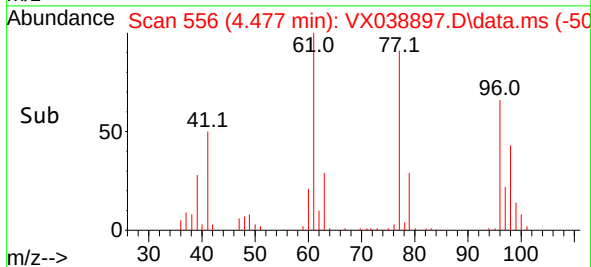
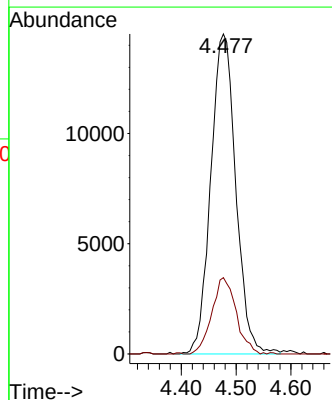
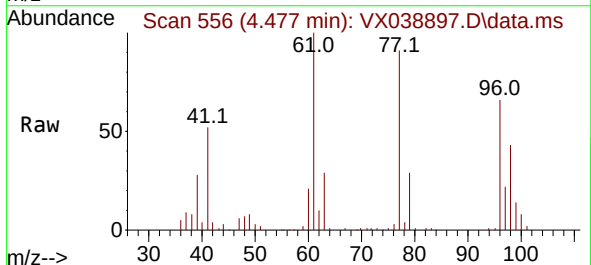
Manual Integrations
APPROVED

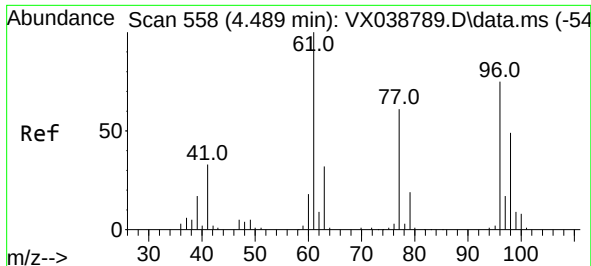
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#26
2,2-Dichloropropane
Concen: 15.813 ug/l
RT: 4.477 min Scan# 556
Delta R.T. -0.000 min
Lab File: VX038897.D
Acq: 18 Nov 2023 00:26

Tgt Ion: 77 Resp: 45986
Ion Ratio Lower Upper
77 100
97 23.2 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 18.328 ug/l

RT: 4.489 min Scan# 51

Delta R.T. -0.000 min

Lab File: VX038897.D

Acq: 18 Nov 2023 00:26

Instrument :

MSVOA_X

ClientSampleId :

VX1117WBSD02

Tgt Ion: 96 Resp: 3847

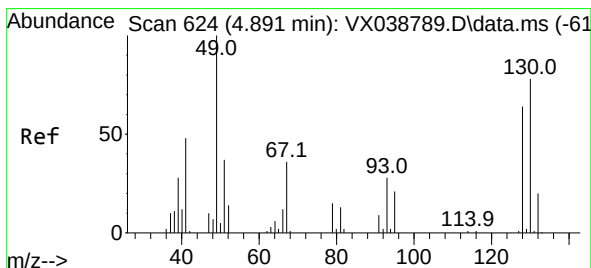
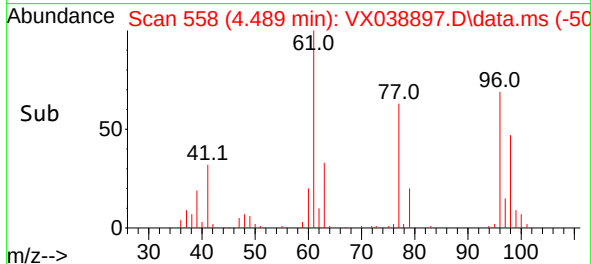
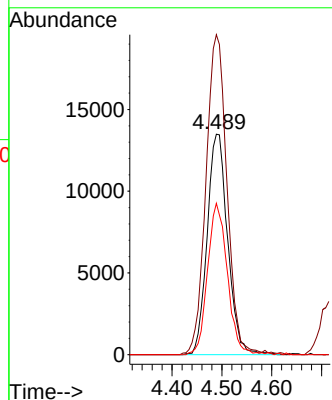
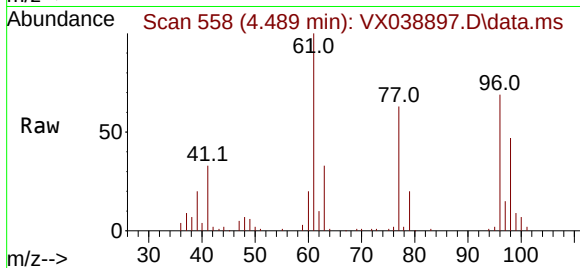
Ion	Ratio	Lower	Upper
96	100		
61	148.5	0.0	312.2
98	66.5	0.0	129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2023

Supervised By :Mahesh Dadoda 11/20/2023



#28

Bromochloromethane

Concen: 19.116 ug/l

RT: 4.897 min Scan# 625

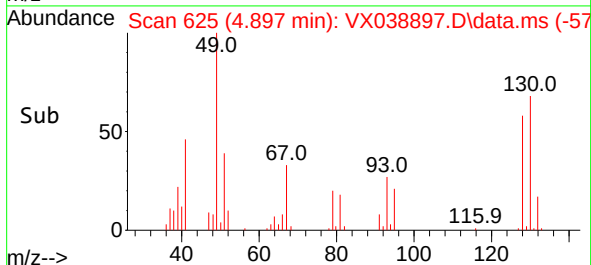
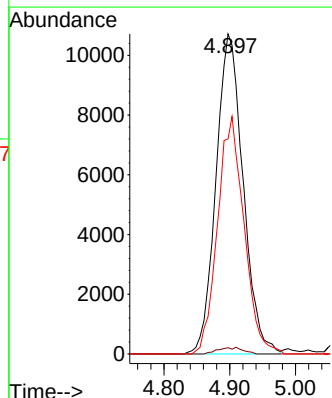
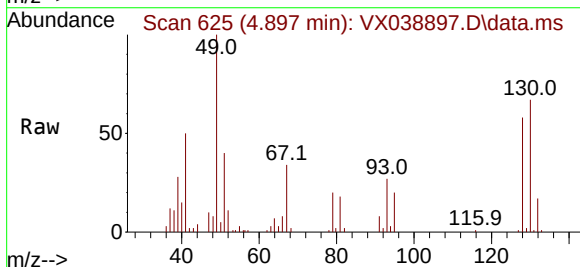
Delta R.T. 0.006 min

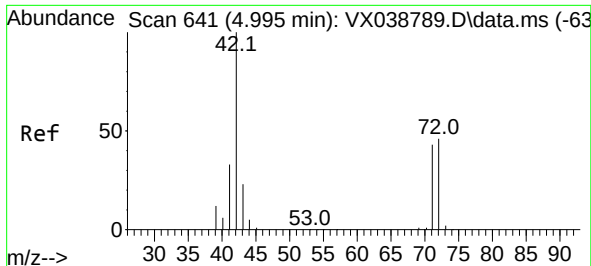
Lab File: VX038897.D

Acq: 18 Nov 2023 00:26

Tgt Ion: 49 Resp: 30769

Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	3.8
130	72.4	57.5	86.3





#29

Tetrahydrofuran

Concen: 102.697 ug/l

RT: 5.007 min Scan# 641

Delta R.T. 0.012 min

Lab File: VX038897.D

Acq: 18 Nov 2023 00:26

Instrument :

MSVOA_X

ClientSampleId :

VX1117WBSD02

Tgt Ion: 42 Resp: 11878

Ion Ratio Lower Upper

42 100

72 43.8 34.2 51.4

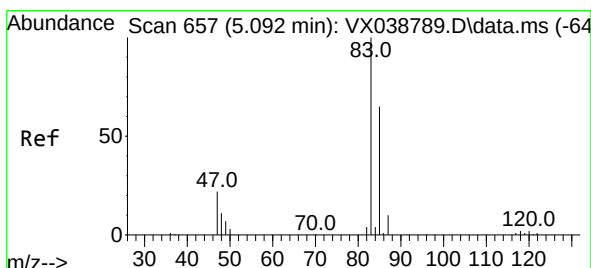
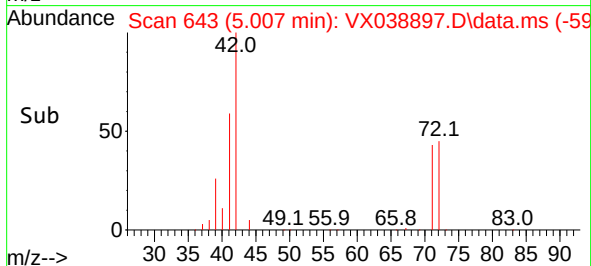
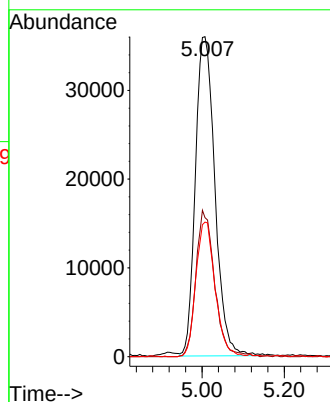
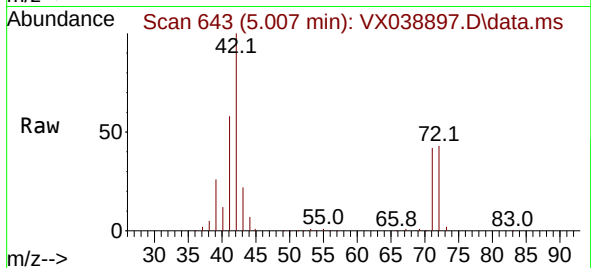
71 41.3 32.2 48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2023

Supervised By :Mahesh Dadoda 11/20/2023



#30

Chloroform

Concen: 19.355 ug/l

RT: 5.092 min Scan# 657

Delta R.T. -0.000 min

Lab File: VX038897.D

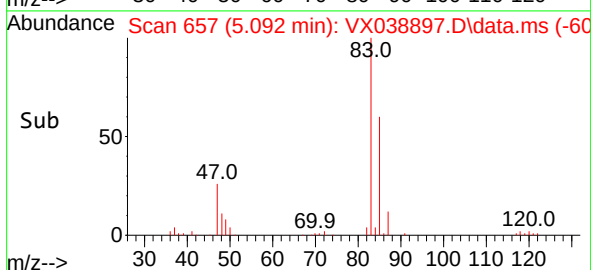
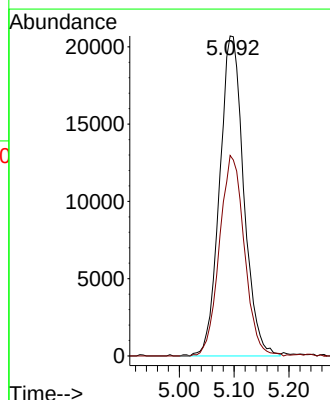
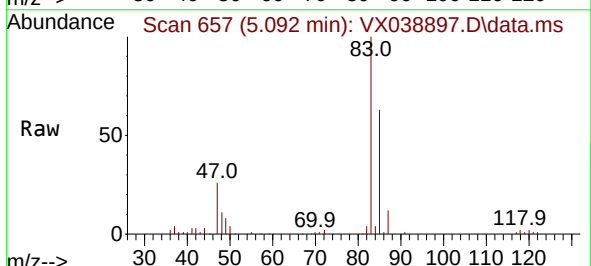
Acq: 18 Nov 2023 00:26

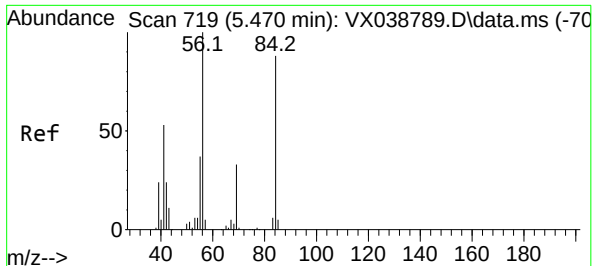
Tgt Ion: 83 Resp: 63362

Ion Ratio Lower Upper

83 100

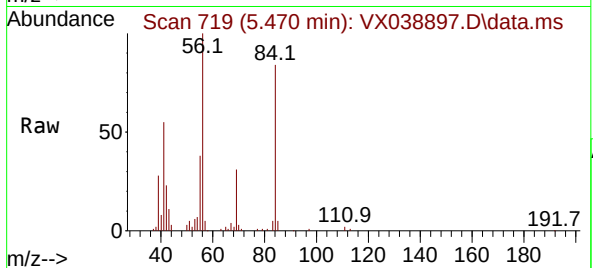
85 62.6 50.3 75.5





#31
Cyclohexane
Concen: 18.180 ug/l
RT: 5.470 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX038897.D
Acq: 18 Nov 2023 00:26

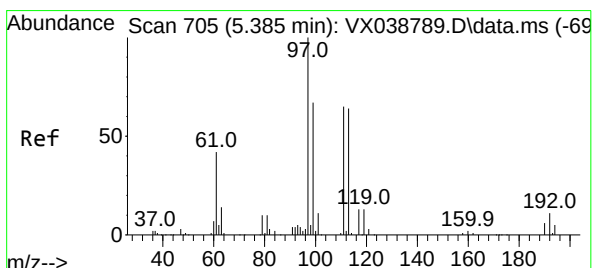
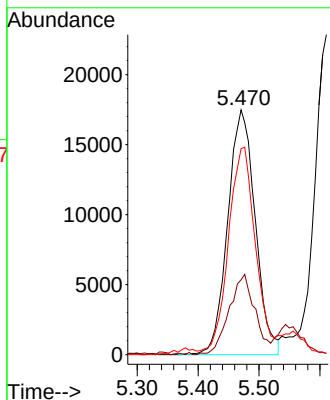
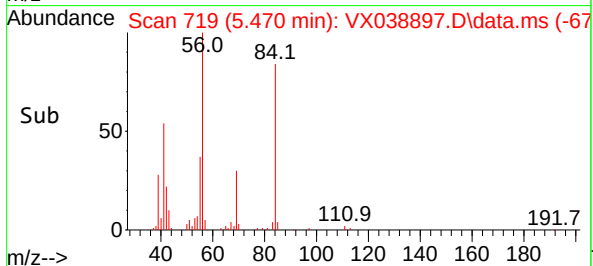
Instrument :
MSVOA_X
ClientSampleId :
VX1117WBSD02



Tgt Ion: 56 Resp: 54774
Ion Ratio Lower Upper
56 100
69 30.0 23.4 35.2
84 83.2 65.9 98.9

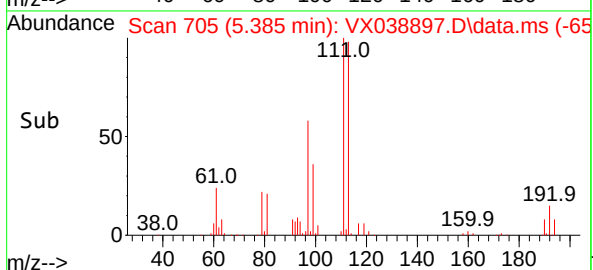
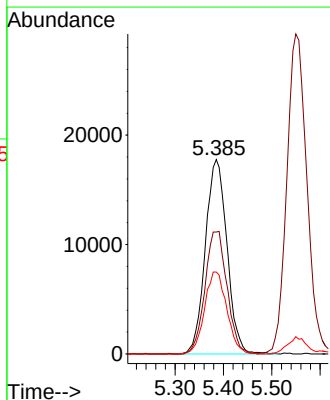
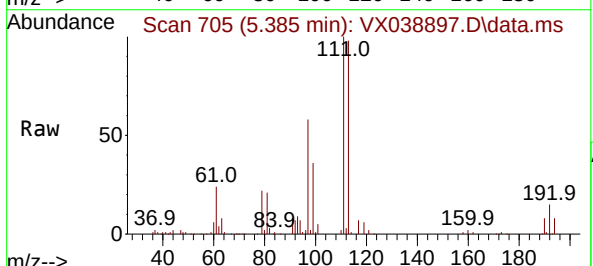
Manual Integrations
APPROVED

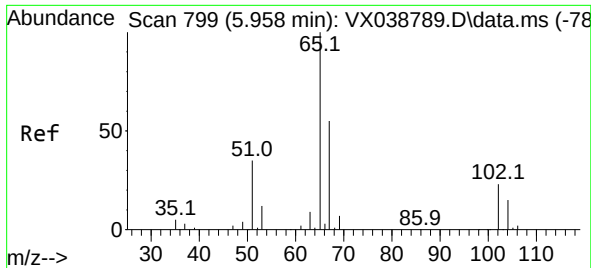
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#32
1,1,1-Trichloroethane
Concen: 19.495 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX038897.D
Acq: 18 Nov 2023 00:26

Tgt Ion: 97 Resp: 55277
Ion Ratio Lower Upper
97 100
99 64.3 51.1 76.7
61 43.3 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 51.739 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX038897.D

Acq: 18 Nov 2023 00:26

Instrument :

MSVOA_X

ClientSampleId :

VX1117WBSD02

Tgt Ion: 65 Resp: 109178

Ion Ratio Lower Upper

65 100

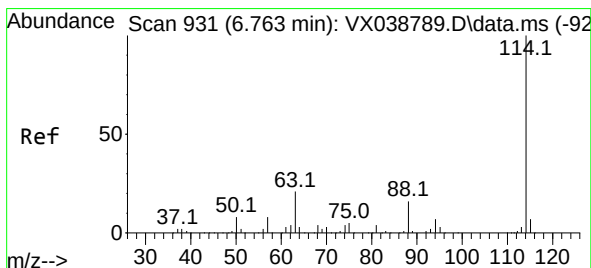
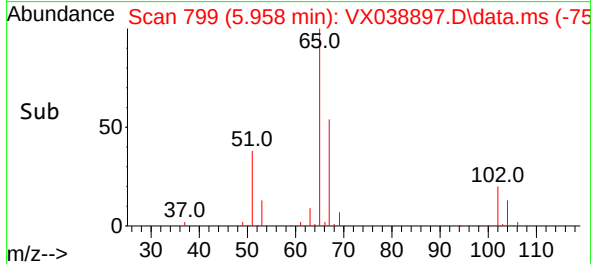
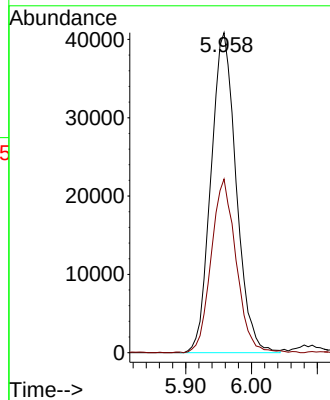
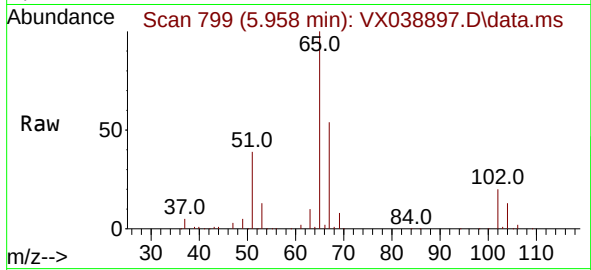
67 53.6 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2023

Supervised By :Mahesh Dadoda 11/20/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX038897.D

Acq: 18 Nov 2023 00:26

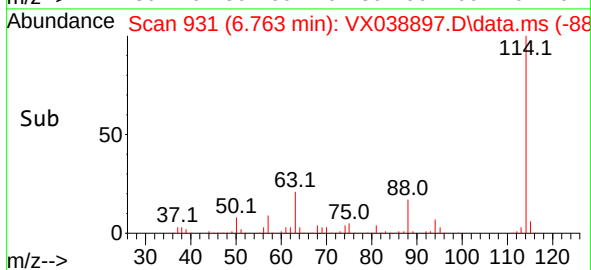
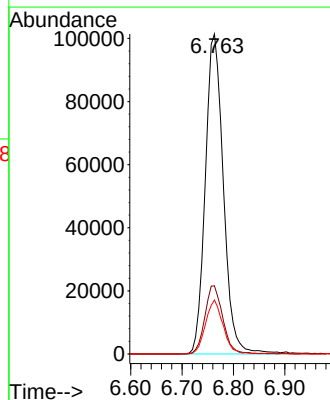
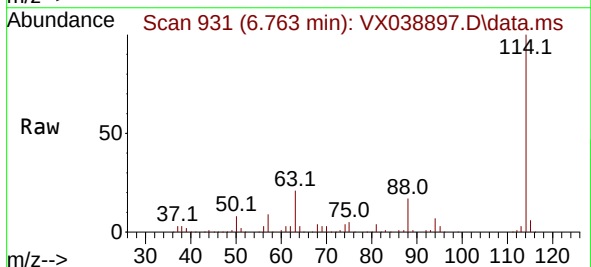
Tgt Ion:114 Resp: 247466

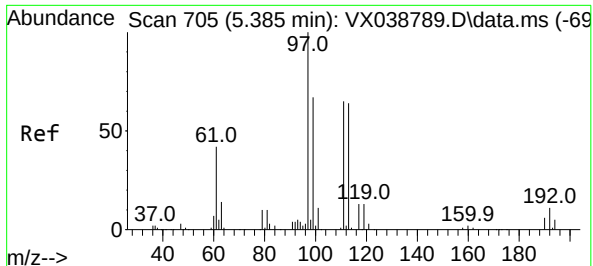
Ion Ratio Lower Upper

114 100

63 21.3 0.0 45.0

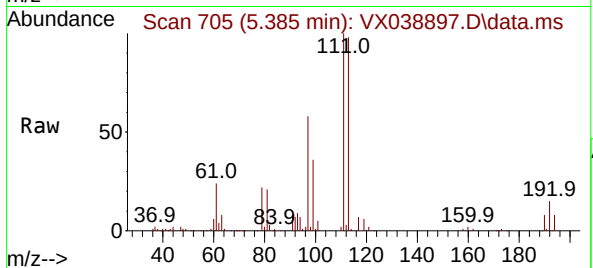
88 16.9 0.0 36.6





#35
Dibromofluoromethane
Concen: 49.090 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX038897.D
Acq: 18 Nov 2023 00:26

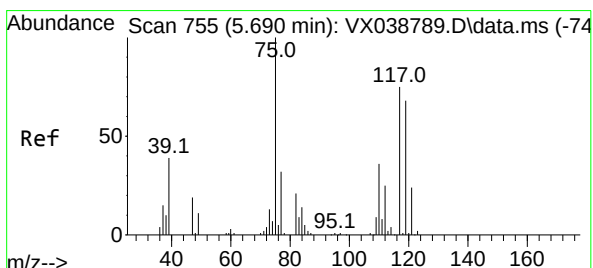
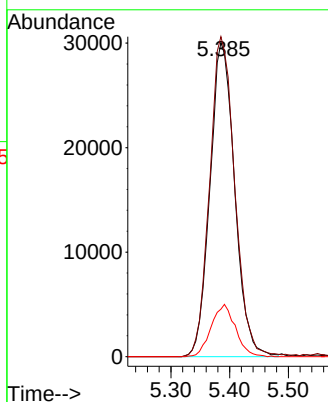
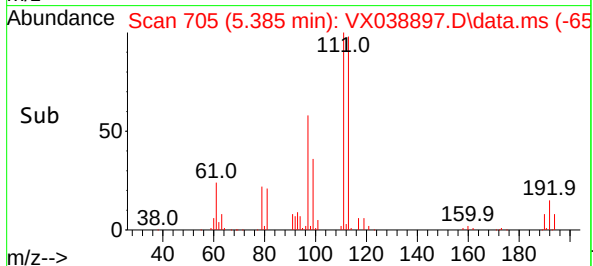
Instrument :
MSVOA_X
ClientSampleId :
VX1117WBSD02



Tgt Ion: 113 Resp: 87730
Ion Ratio Lower Upper
113 100
111 103.8 82.9 124.3
192 16.4 13.3 19.9

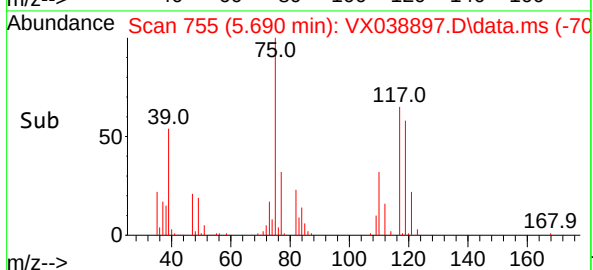
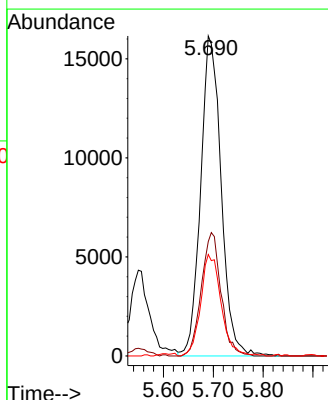
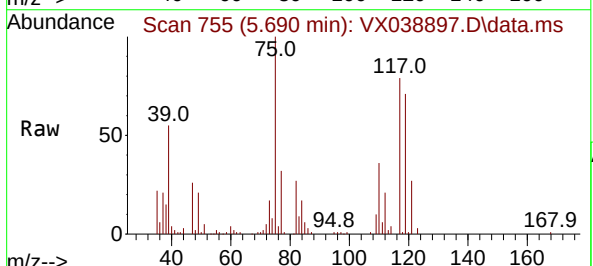
Manual Integrations
APPROVED

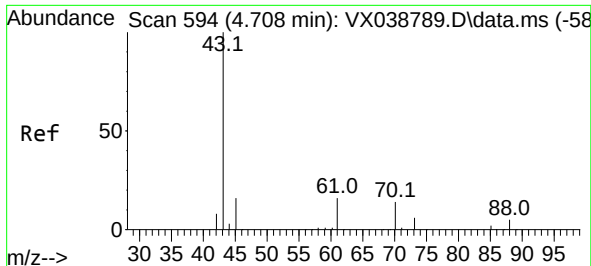
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#36
1,1-Dichloropropene
Concen: 18.019 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.000 min
Lab File: VX038897.D
Acq: 18 Nov 2023 00:26

Tgt Ion: 75 Resp: 46156
Ion Ratio Lower Upper
75 100
110 36.9 17.0 50.9
77 31.7 24.7 37.1





#37

Ethyl Acetate

Concen: 19.156 ug/l

RT: 4.714 min Scan# 594

Delta R.T. 0.006 min

Lab File: VX038897.D

Acq: 18 Nov 2023 00:26

Instrument :

MSVOA_X

ClientSampleId :

VX1117WBSD02

Tgt Ion: 43 Resp: 63929

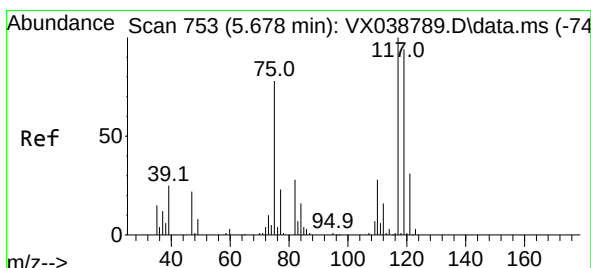
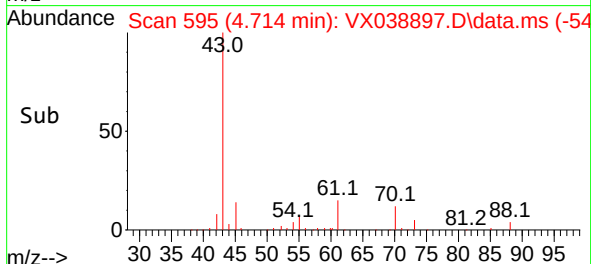
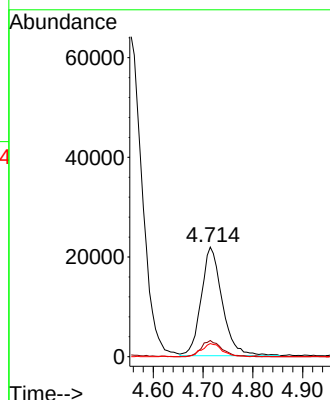
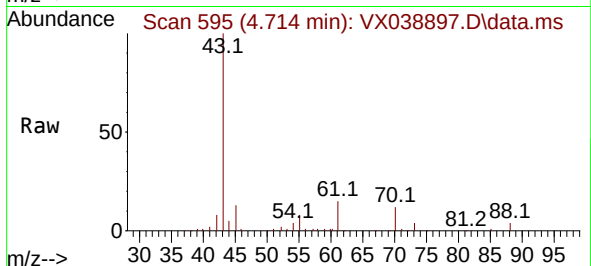
Ion	Ratio	Lower	Upper
43	100		
61	14.5	10.6	16.0
70	11.7	8.3	12.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2023

Supervised By :Mahesh Dadoda 11/20/2023



#38

Carbon Tetrachloride

Concen: 19.199 ug/l

RT: 5.684 min Scan# 754

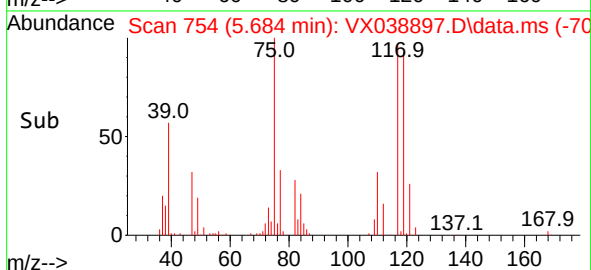
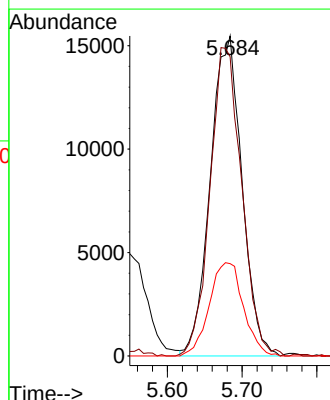
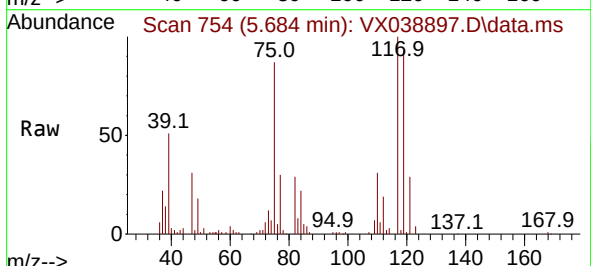
Delta R.T. 0.006 min

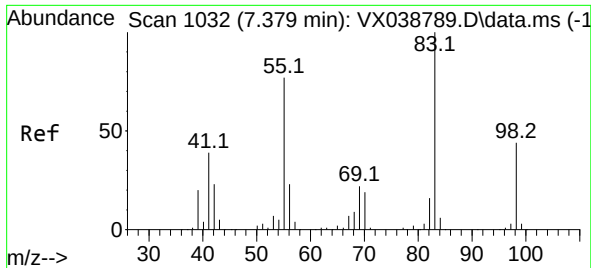
Lab File: VX038897.D

Acq: 18 Nov 2023 00:26

Tgt Ion:117 Resp: 45453

Ion	Ratio	Lower	Upper
117	100		
119	92.9	78.2	117.2
121	28.8	24.4	36.6





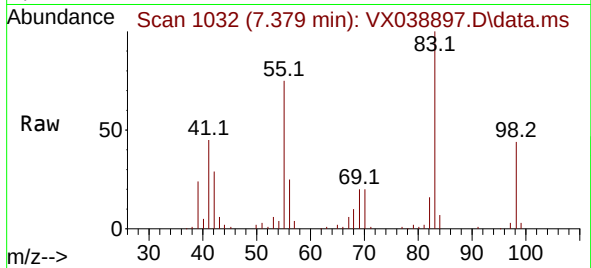
#39
Methylcyclohexane
Concen: 16.773 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX038897.D
Acq: 18 Nov 2023 00:26

Instrument :

MSVOA_X

ClientSampleId :

VX1117WBSD02



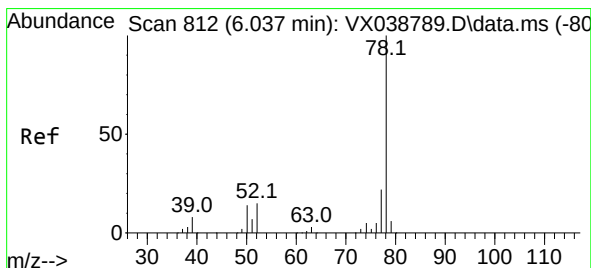
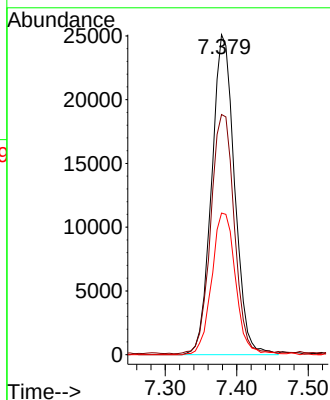
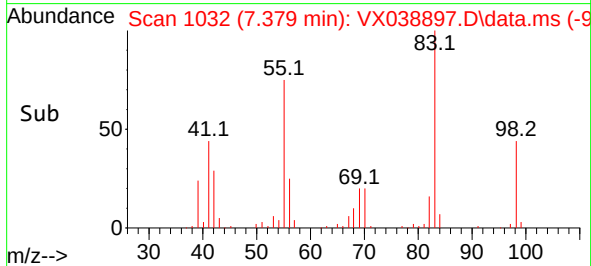
Tgt Ion: 83 Resp: 5604
Ion Ratio Lower Upper
83 100
55 74.7 64.6 97.0
98 44.3 36.7 55.1

Manual Integrations

APPROVED

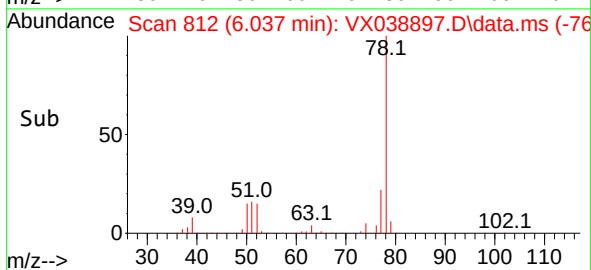
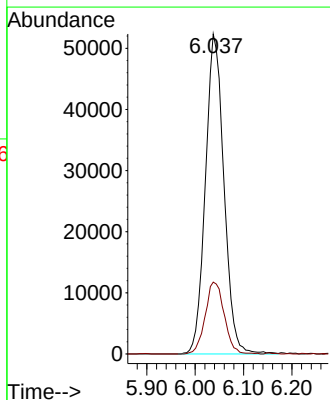
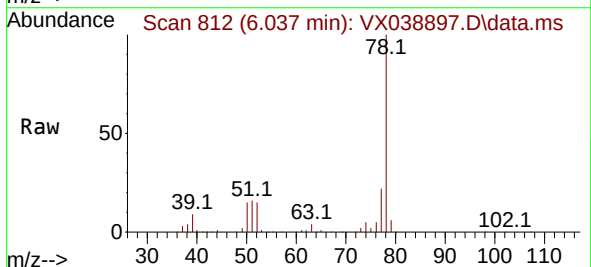
Reviewed By :John Carlone 11/18/2023

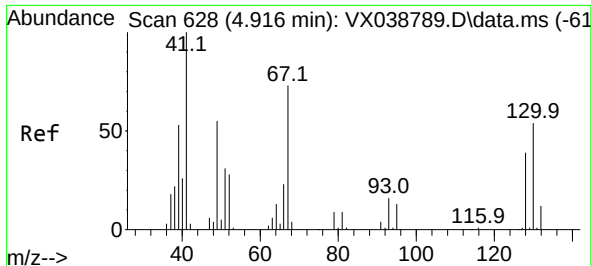
Supervised By :Mahesh Dadoda 11/20/2023



#40
Benzene
Concen: 18.385 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX038897.D
Acq: 18 Nov 2023 00:26

Tgt Ion: 78 Resp: 139294
Ion Ratio Lower Upper
78 100
77 22.5 19.3 28.9





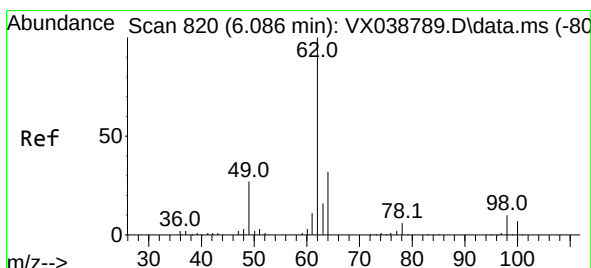
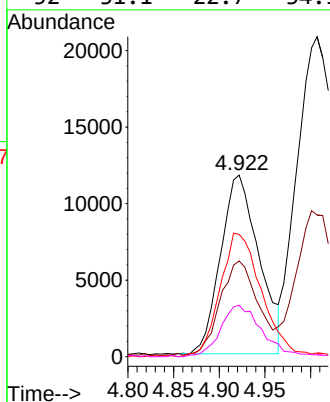
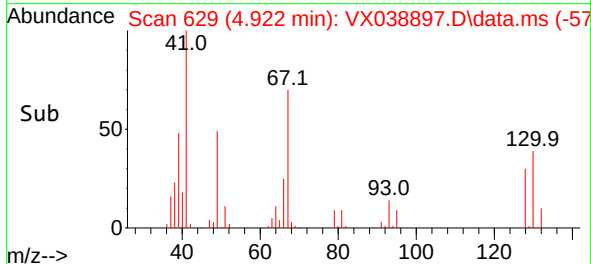
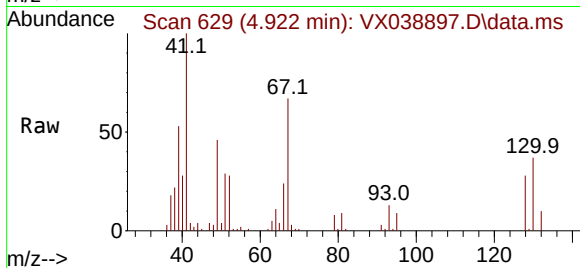
#41
Methacrylonitrile
Concen: 19.722 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX038897.D
Acq: 18 Nov 2023 00:26

Instrument :
MSVOA_X
ClientSampleId :
VX1117WBSD02

Tgt Ion:	41	Resp:	3413
Ion	Ratio	Lower	Upper
41	100		
39	51.2	45.2	67.8
67	75.3	52.6	78.8
52	31.1	22.7	34.1

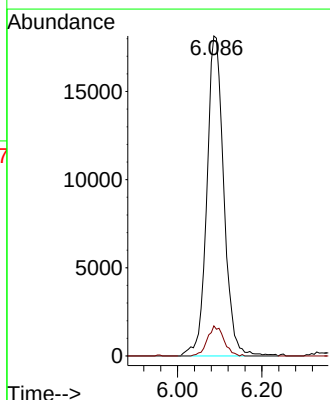
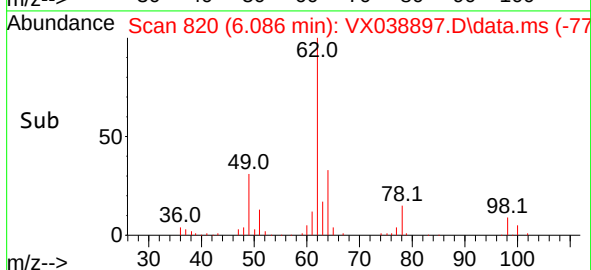
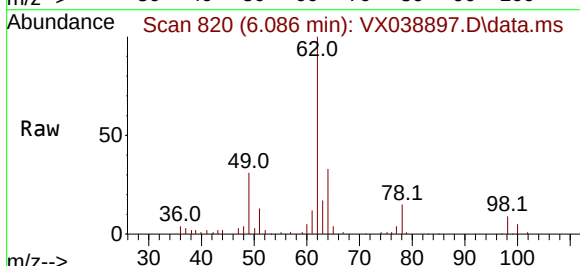
Manual Integrations
APPROVED

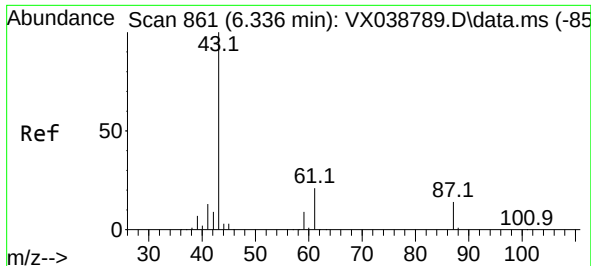
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#42
1,2-Dichloroethane
Concen: 20.225 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.000 min
Lab File: VX038897.D
Acq: 18 Nov 2023 00:26

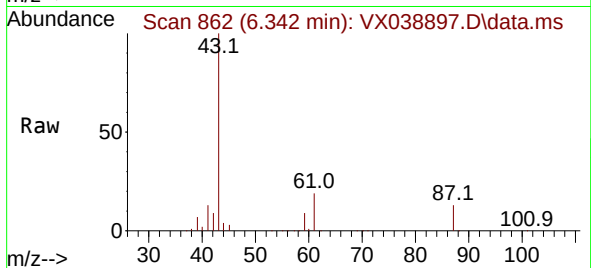
Tgt Ion:	62	Resp:	50769
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	16.0





#43
Isopropyl Acetate
Concen: 19.007 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.006 min
Lab File: VX038897.D
Acq: 18 Nov 2023 00:26

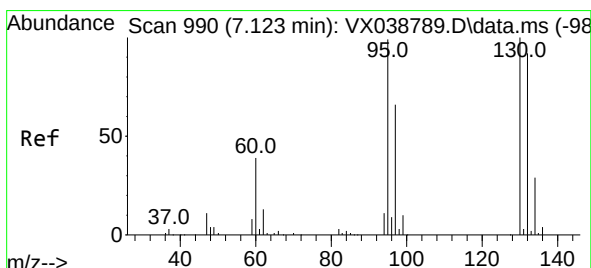
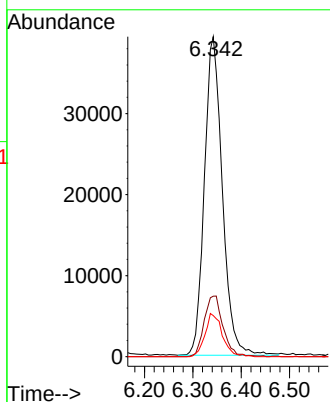
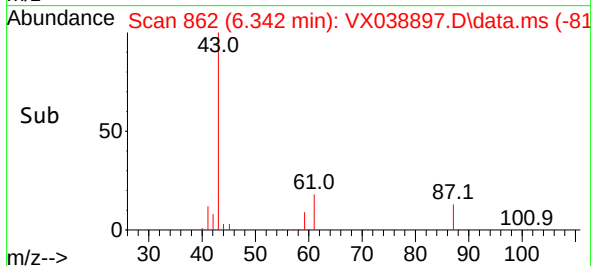
Instrument :
MSVOA_X
ClientSampleId :
VX1117WBSD02



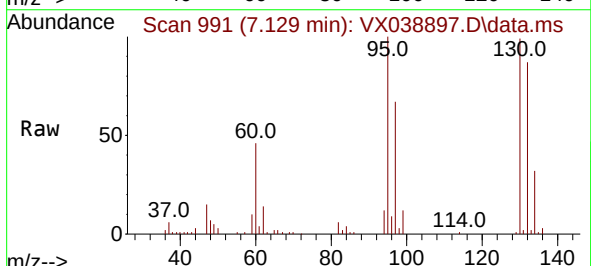
Tgt Ion: 43 Resp: 101372
Ion Ratio Lower Upper
43 100
61 20.0 15.2 22.8
87 13.1 9.8 14.6

Manual Integrations
APPROVED

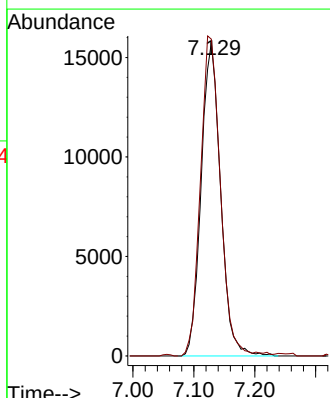
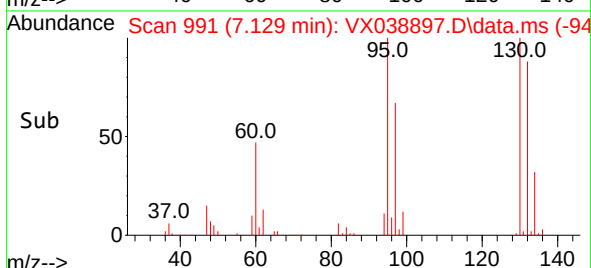
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023

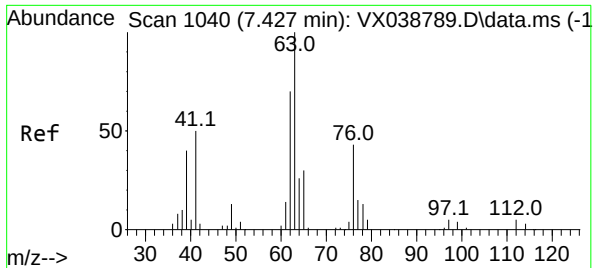


#44
Trichloroethene
Concen: 18.929 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX038897.D
Acq: 18 Nov 2023 00:26



Tgt Ion:130 Resp: 34908
Ion Ratio Lower Upper
130 100
95 101.2 0.0 204.4





#45

1,2-Dichloropropane

Concen: 18.603 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VX038897.D

Acq: 18 Nov 2023 00:26

Instrument :

MSVOA_X

ClientSampleId :

VX1117WBSD02

Tgt Ion: 63 Resp: 37929

Ion Ratio Lower Upper

63 100

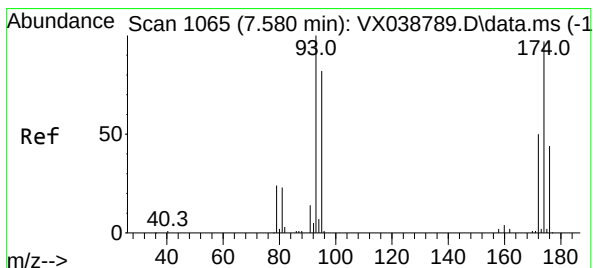
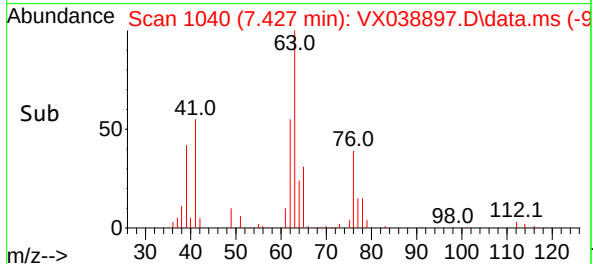
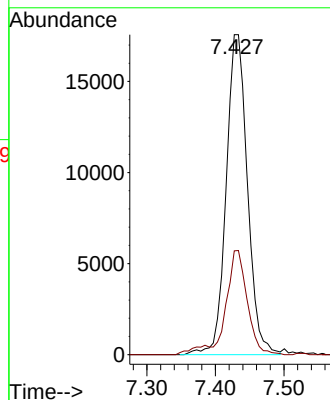
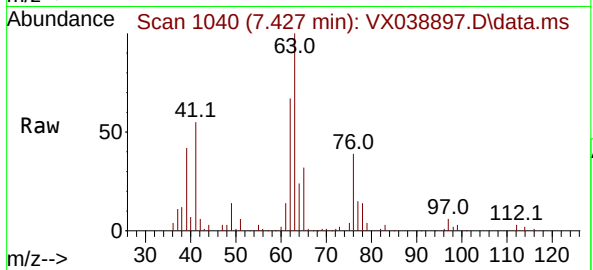
65 32.1 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2023

Supervised By :Mahesh Dadoda 11/20/2023



#46

Dibromomethane

Concen: 19.152 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX038897.D

Acq: 18 Nov 2023 00:26

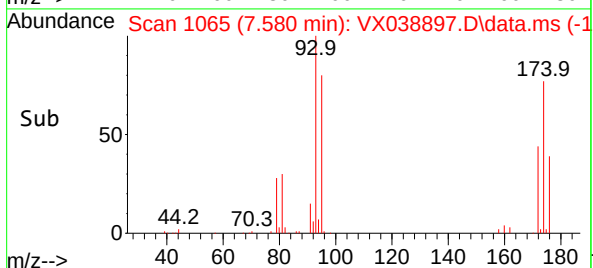
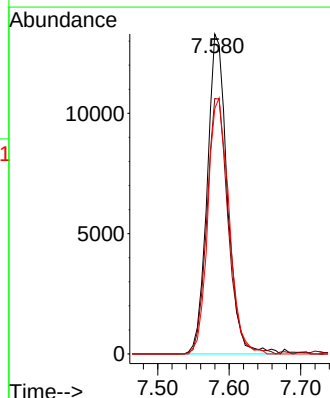
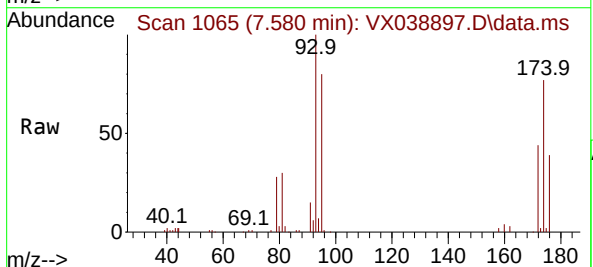
Tgt Ion: 93 Resp: 26040

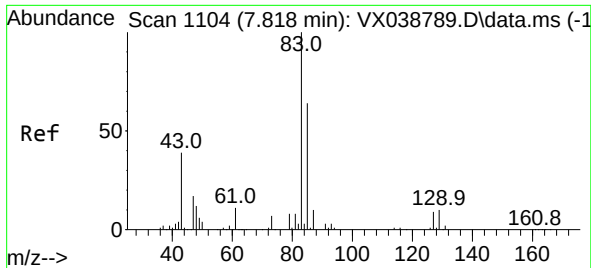
Ion Ratio Lower Upper

93 100

95 84.1 66.6 100.0

174 83.8 69.4 104.0





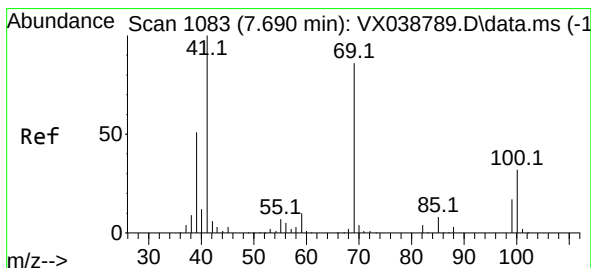
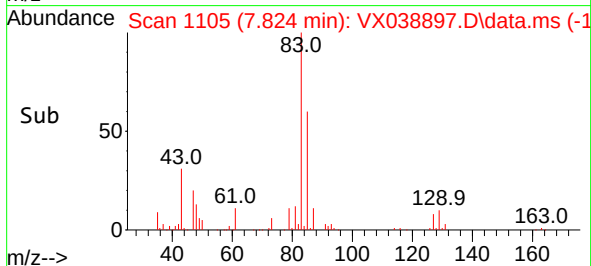
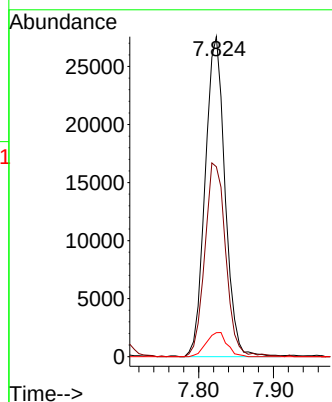
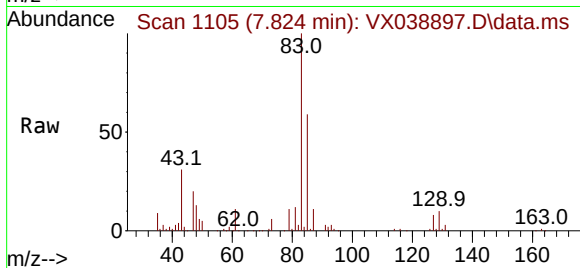
#47
Bromodichloromethane
Concen: 18.831 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX038897.D
Acq: 18 Nov 2023 00:26

Instrument :
MSVOA_X
ClientSampleId :
VX1117WBSD02

Tgt Ion: 83 Resp: 5081
Ion Ratio Lower Upper
83 100
85 59.3 49.8 74.6
127 7.5 7.1 10.7

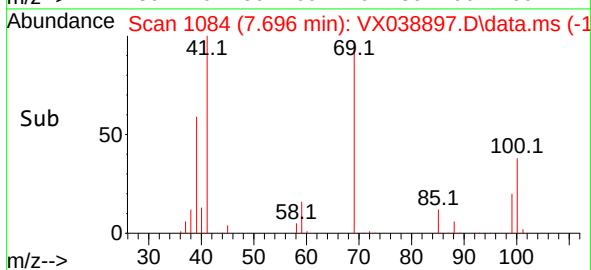
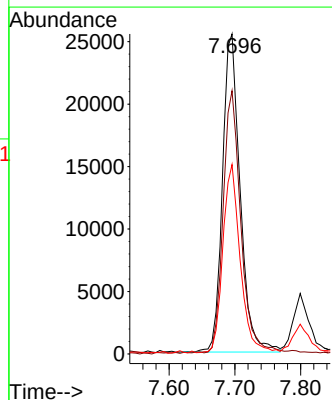
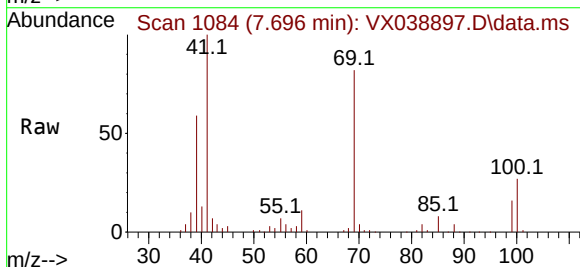
Manual Integrations
APPROVED

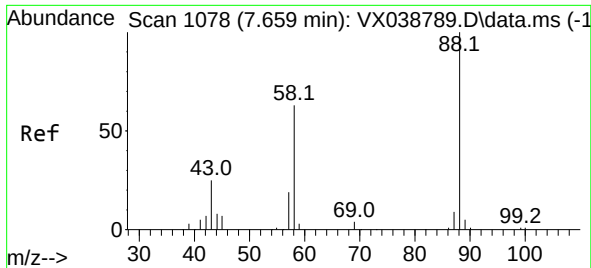
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#48
Methyl methacrylate
Concen: 18.423 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX038897.D
Acq: 18 Nov 2023 00:26

Tgt Ion: 41 Resp: 47675
Ion Ratio Lower Upper
41 100
69 82.9 59.2 88.8
39 57.8 47.7 71.5





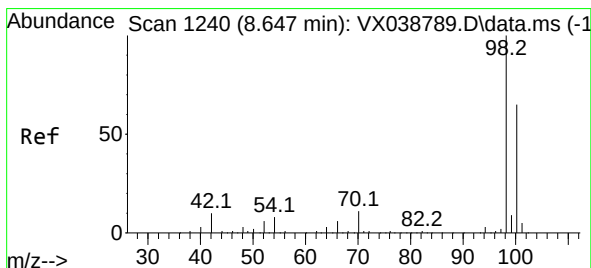
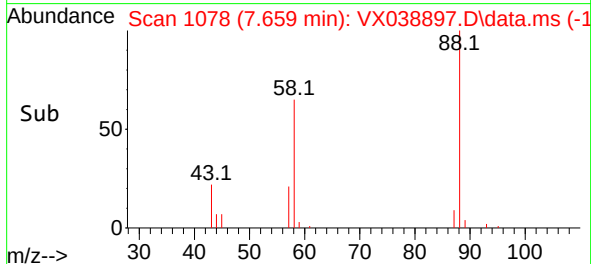
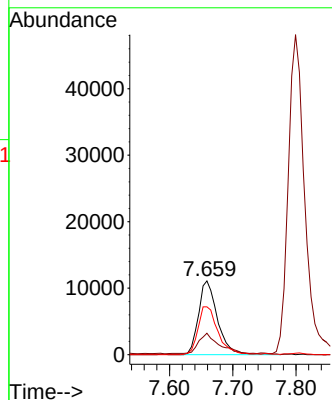
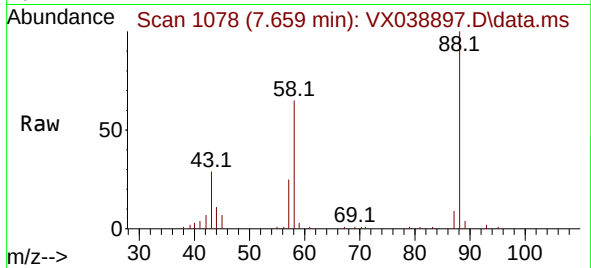
#49
1,4-Dioxane
Concen: 459.594 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. -0.000 min
Lab File: VX038897.D
Acq: 18 Nov 2023 00:26

Instrument :
MSVOA_X
ClientSampleId :
VX1117WBSD02

Tgt Ion: 88 Resp: 23009
Ion Ratio Lower Upper
88 100
43 30.7 0.0 0.0
58 68.1 60.1 90.1

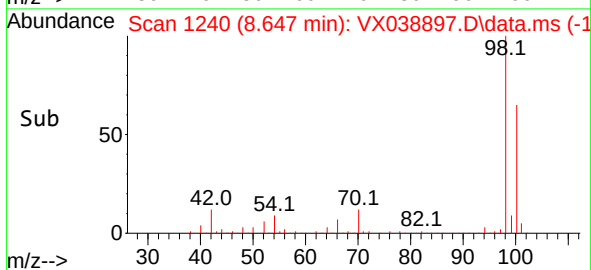
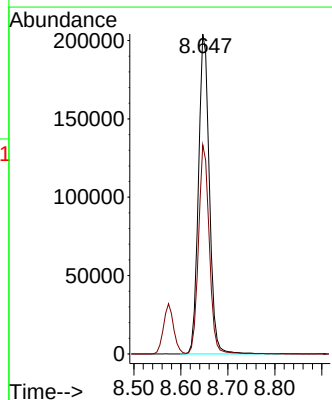
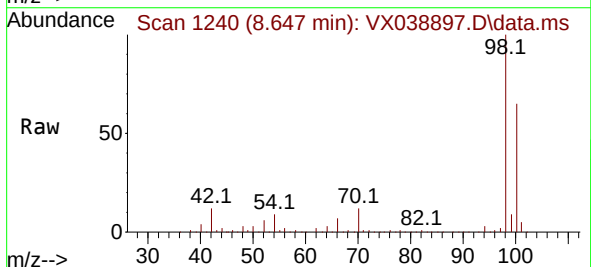
Manual Integrations
APPROVED

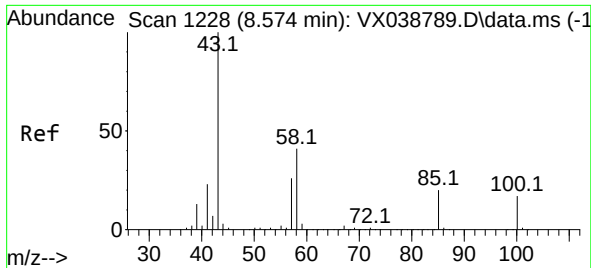
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#50
Toluene-d8
Concen: 48.349 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX038897.D
Acq: 18 Nov 2023 00:26

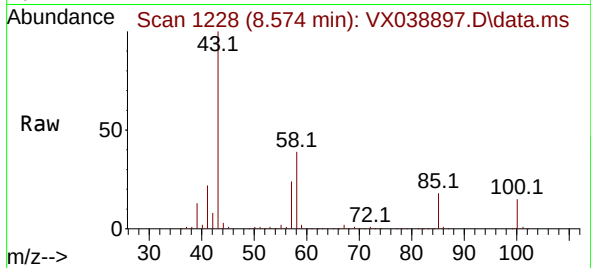
Tgt Ion: 98 Resp: 330617
Ion Ratio Lower Upper
98 100
100 64.2 53.1 79.7





#51
4-Methyl-2-Pentanone
Concen: 100.327 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX038897.D
Acq: 18 Nov 2023 00:26

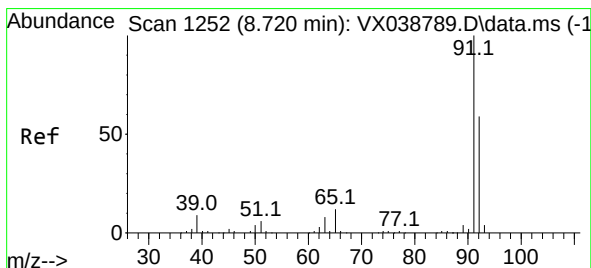
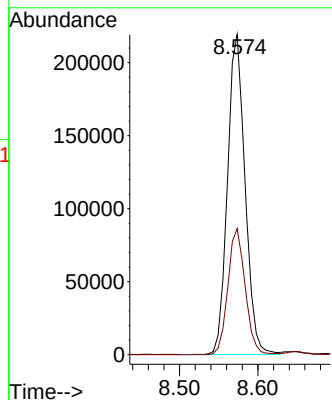
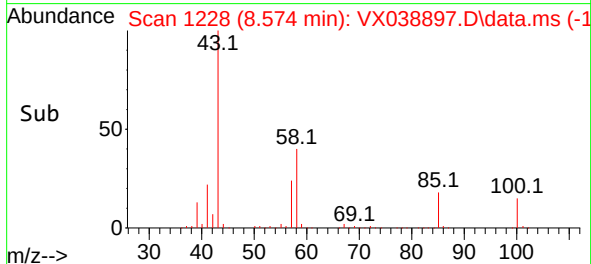
Instrument :
MSVOA_X
ClientSampleId :
VX1117WBSD02



Tgt Ion: 43 Resp: 34195
Ion Ratio Lower Upper
43 100
58 38.8 30.4 45.6

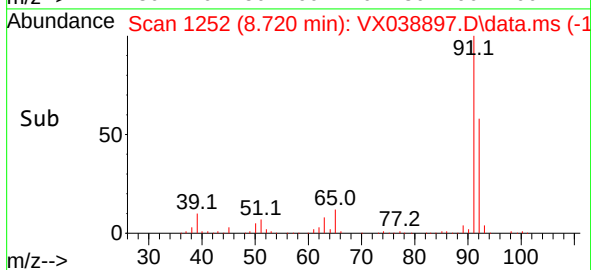
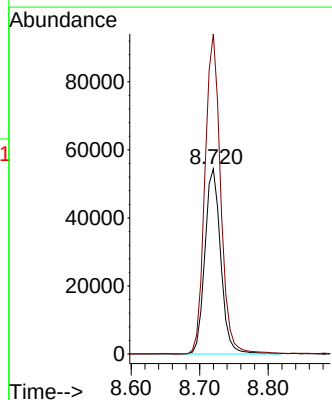
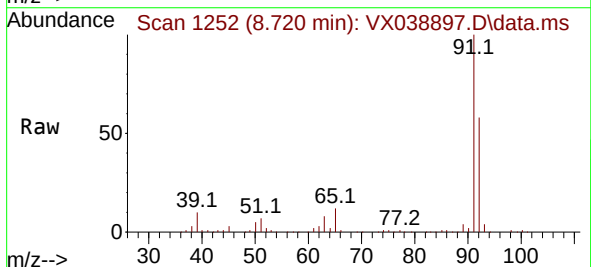
Manual Integrations
APPROVED

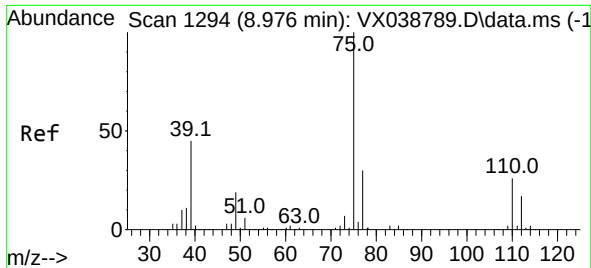
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#52
Toluene
Concen: 18.610 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX038897.D
Acq: 18 Nov 2023 00:26

Tgt Ion: 92 Resp: 87497
Ion Ratio Lower Upper
92 100
91 171.9 134.2 201.2





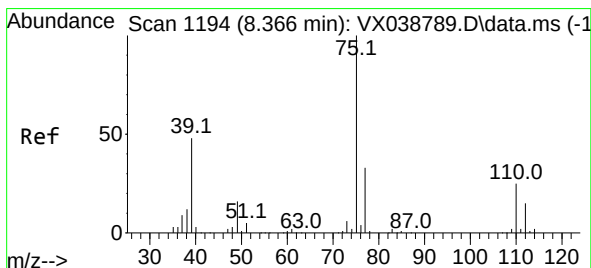
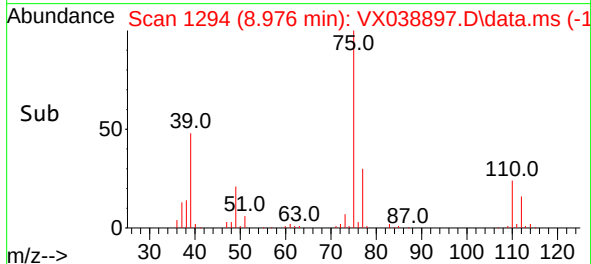
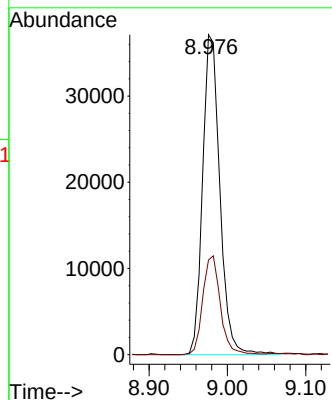
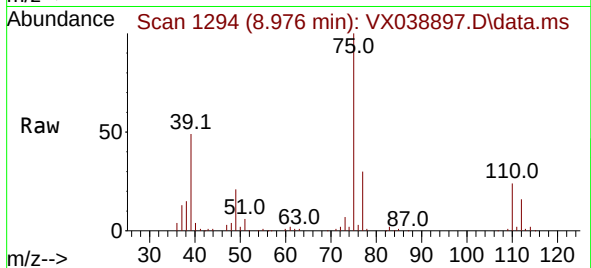
#53
 t-1,3-Dichloropropene
 Concen: 17.715 ug/l
 RT: 8.976 min Scan# 1194
 Delta R.T. -0.000 min
 Lab File: VX038897.D
 Acq: 18 Nov 2023 00:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1117WBSD02

Tgt Ion: 75 Resp: 56810
 Ion Ratio Lower Upper
 75 100
 77 29.6 25.7 38.5

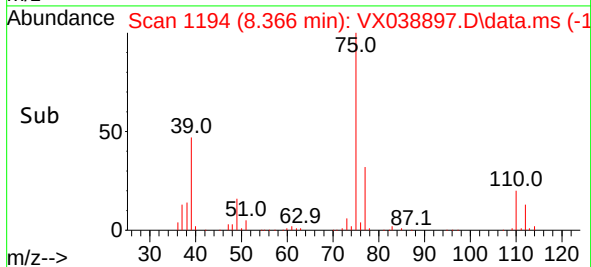
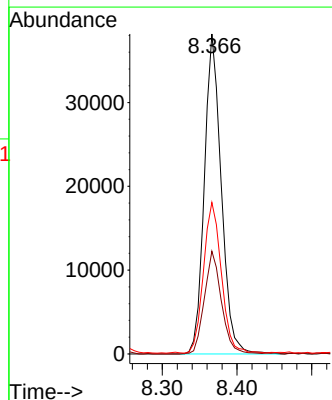
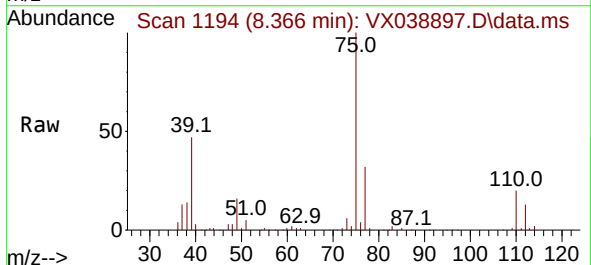
Manual Integrations
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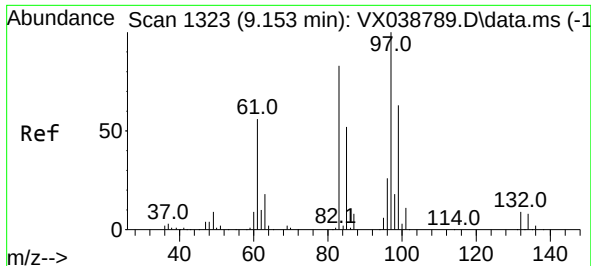
Reviewed By :John Carlone 11/18/2023
 Supervised By :Mahesh Dadoda 11/20/2023



#54
 cis-1,3-Dichloropropene
 Concen: 18.157 ug/l
 RT: 8.366 min Scan# 1194
 Delta R.T. -0.000 min
 Lab File: VX038897.D
 Acq: 18 Nov 2023 00:26

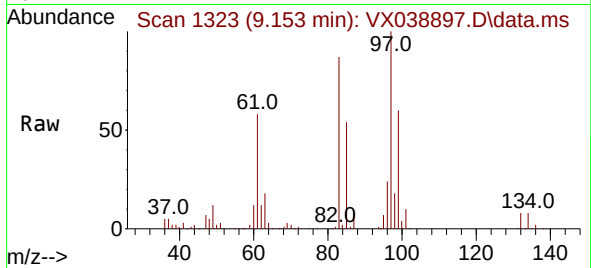
Tgt Ion: 75 Resp: 60146
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.3 37.9
 39 47.0 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 19.279 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX038897.D
Acq: 18 Nov 2023 00:26

Instrument :
MSVOA_X
ClientSampleId :
VX1117WBSD02

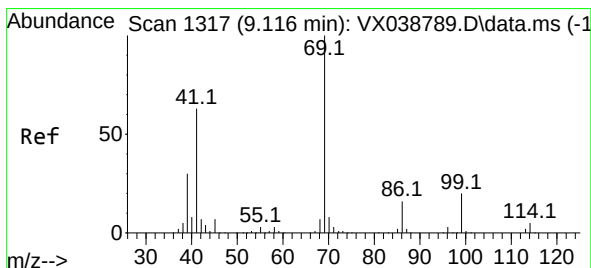
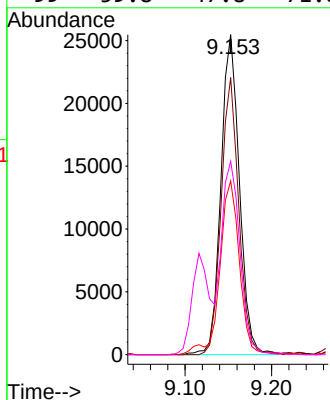
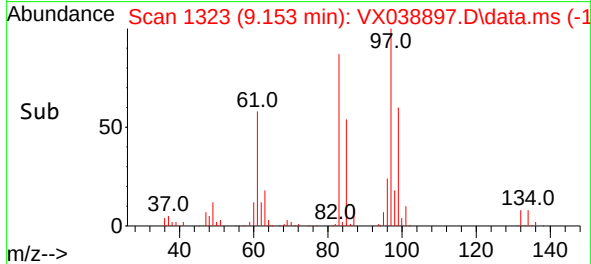


Tgt Ion: 97 Resp: 3782

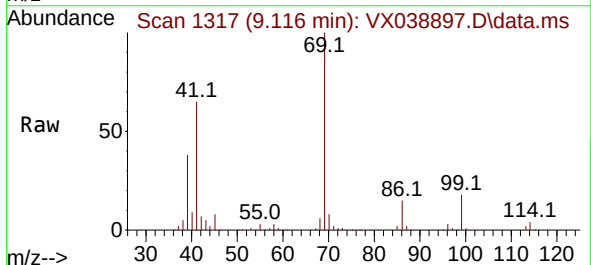
Ion	Ratio	Lower	Upper
97	100		
83	86.6	65.8	98.8
85	54.3	41.6	62.4
99	59.8	47.8	71.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023

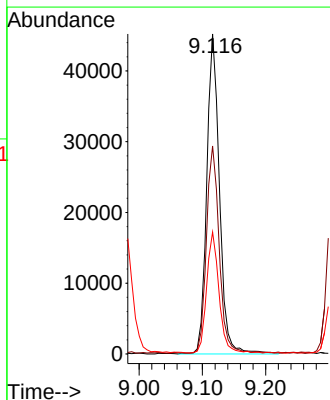
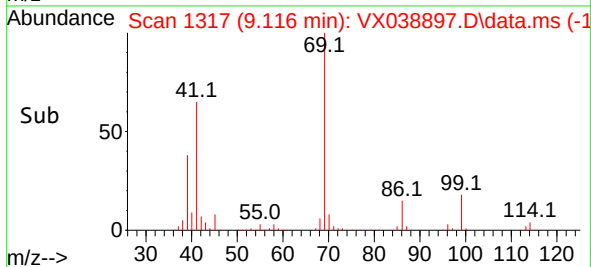


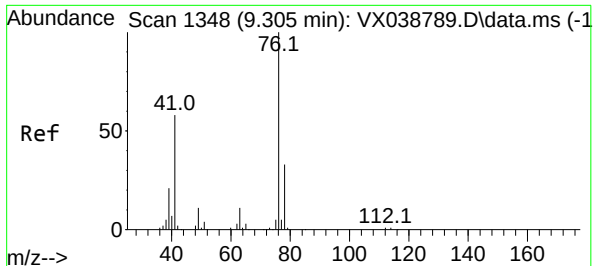
#56
Ethyl methacrylate
Concen: 19.082 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX038897.D
Acq: 18 Nov 2023 00:26



Tgt Ion: 69 Resp: 63335

Ion	Ratio	Lower	Upper
69	100		
41	64.5	56.8	85.2
39	36.9	32.0	48.0





#57

1,3-Dichloropropane

Concen: 19.200 ug/l

RT: 9.311 min Scan# 1117

Delta R.T. 0.006 min

Lab File: VX038897.D

Acq: 18 Nov 2023 00:26

Instrument :

MSVOA_X

ClientSampleId :

VX1117WBSD02

Tgt Ion: 76 Resp: 6229

Ion Ratio Lower Upper

76 100

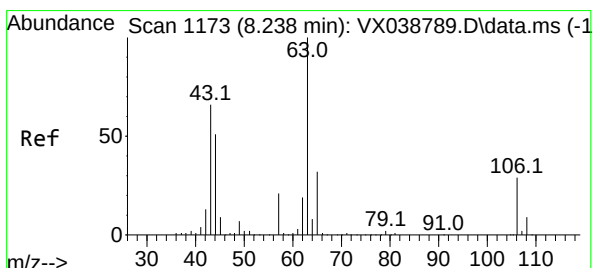
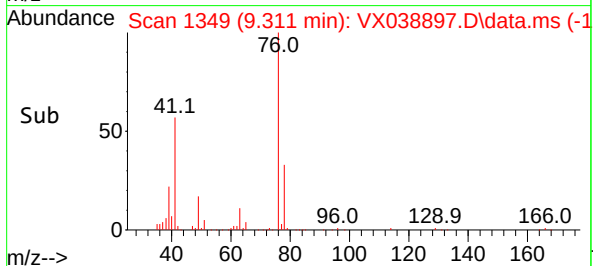
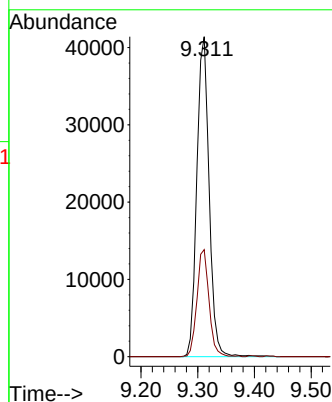
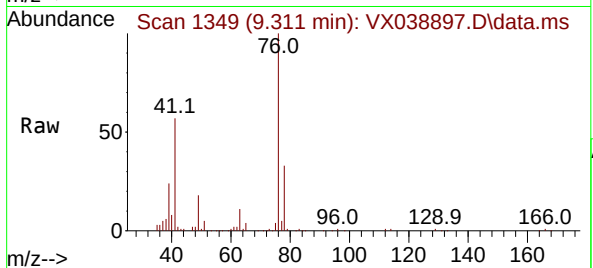
78 32.9 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2023

Supervised By :Mahesh Dadoda 11/20/2023



#58

2-Chloroethyl Vinyl ether

Concen: 99.225 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.006 min

Lab File: VX038897.D

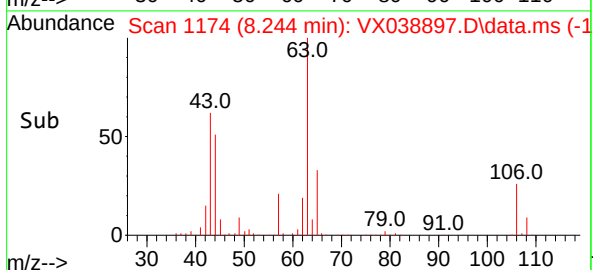
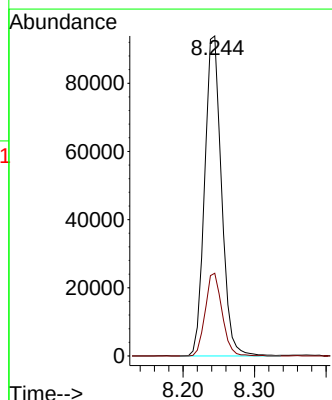
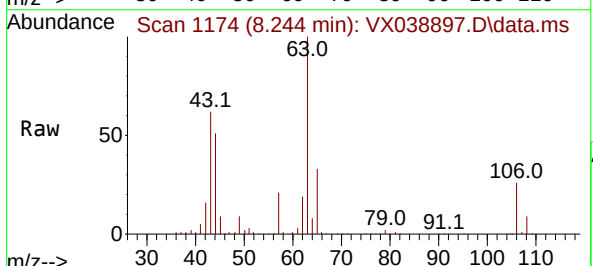
Acq: 18 Nov 2023 00:26

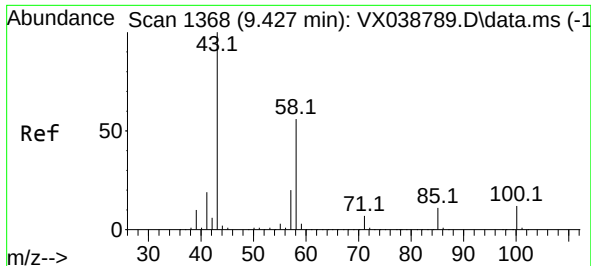
Tgt Ion: 63 Resp: 153422

Ion Ratio Lower Upper

63 100

106 25.8 22.5 33.7





#59

2-Hexanone

Concen: 99.074 ug/l

RT: 9.427 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX038897.D

Acq: 18 Nov 2023 00:26

Instrument :

MSVOA_X

ClientSampleId :

VX1117WBSD02

Tgt Ion: 43 Resp: 27066

Ion Ratio Lower Upper

43 100

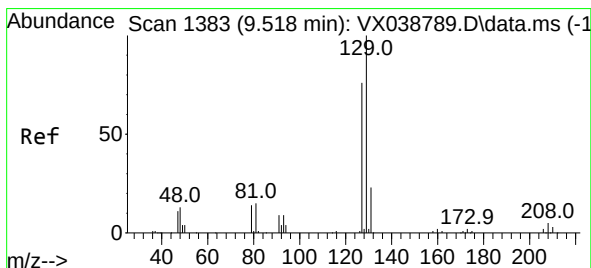
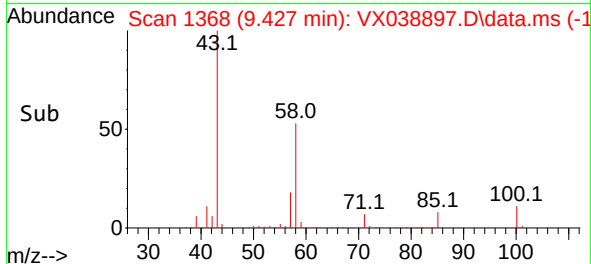
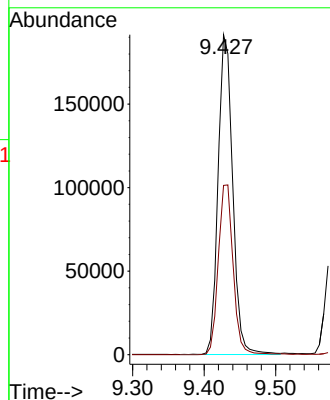
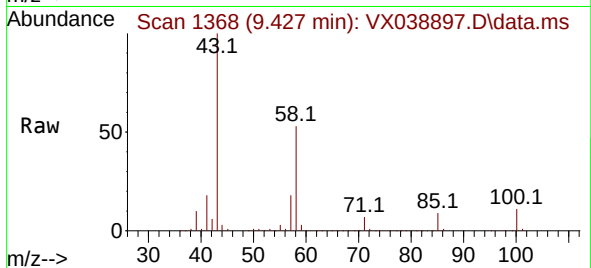
58 54.2 26.2 78.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2023

Supervised By :Mahesh Dadoda 11/20/2023



#60

Dibromochloromethane

Concen: 18.577 ug/l

RT: 9.518 min Scan# 1383

Delta R.T. -0.000 min

Lab File: VX038897.D

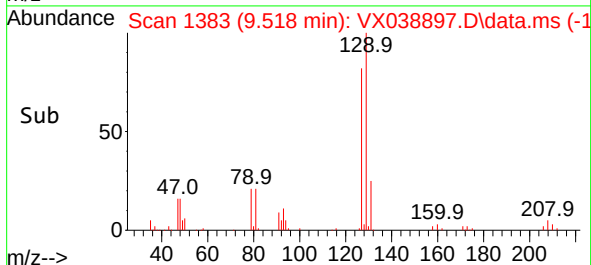
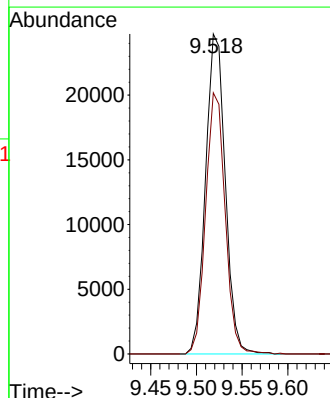
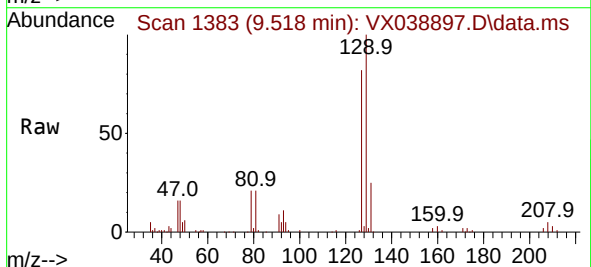
Acq: 18 Nov 2023 00:26

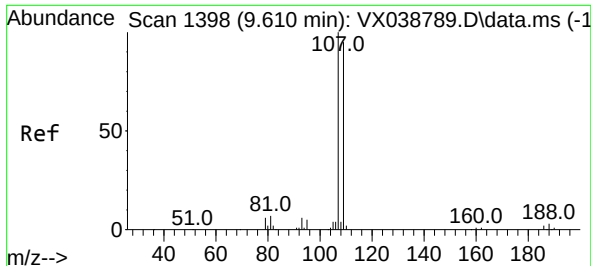
Tgt Ion:129 Resp: 37054

Ion Ratio Lower Upper

129 100

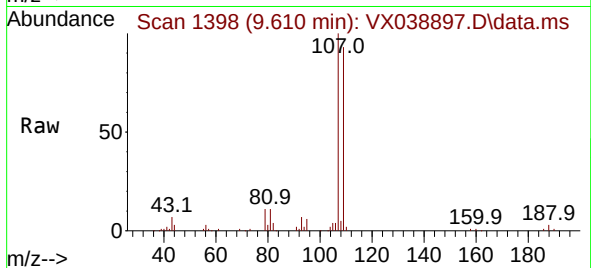
127 80.7 38.8 116.4





#61
1,2-Dibromoethane
Concen: 18.910 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX038897.D
Acq: 18 Nov 2023 00:26

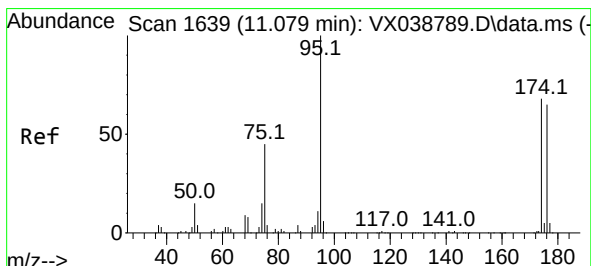
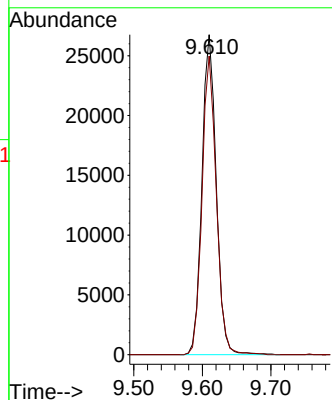
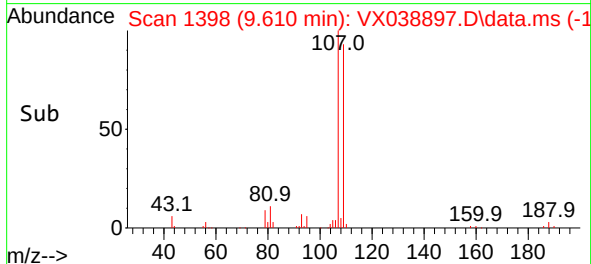
Instrument :
MSVOA_X
ClientSampleId :
VX1117WBSD02



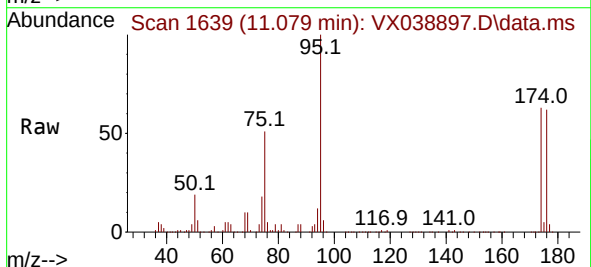
Tgt Ion:107 Resp: 3892
Ion Ratio Lower Upper
107 100
109 93.2 75.2 112.8

Manual Integrations
APPROVED

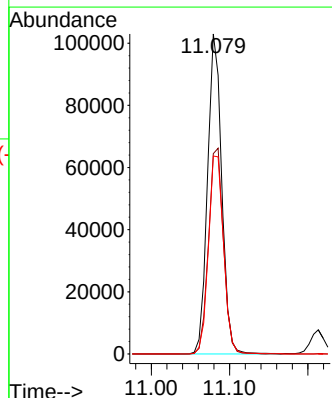
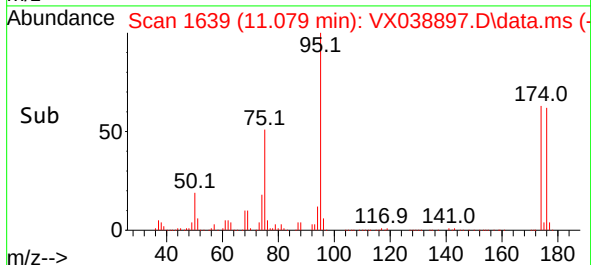
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023

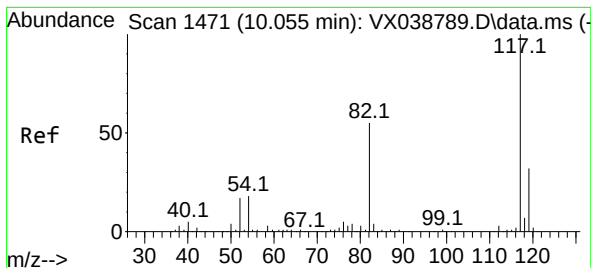


#62
4-Bromofluorobenzene
Concen: 47.171 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX038897.D
Acq: 18 Nov 2023 00:26



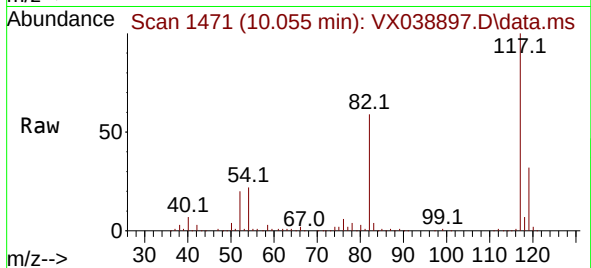
Tgt Ion: 95 Resp: 129123
Ion Ratio Lower Upper
95 100
174 67.7 0.0 135.6
176 66.1 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX038897.D
Acq: 18 Nov 2023 00:26

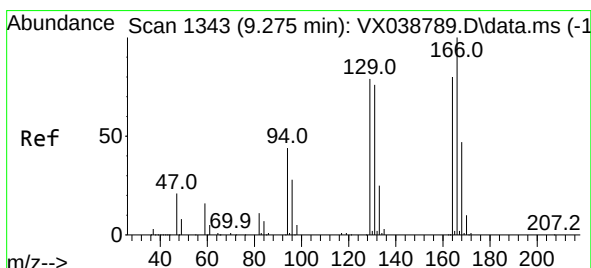
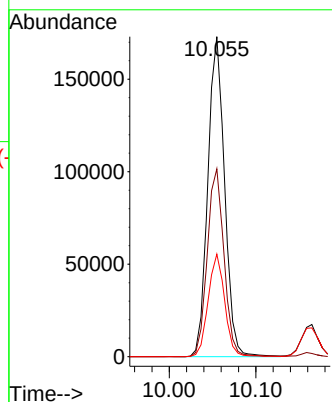
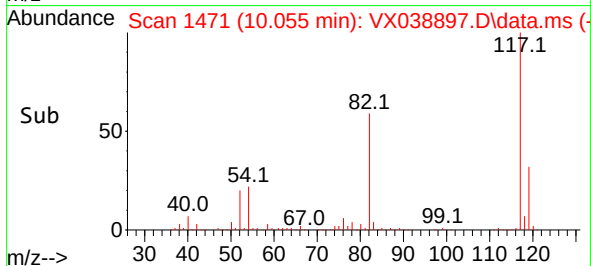
Instrument :
MSVOA_X
ClientSampleId :
VX1117WBSD02



Tgt Ion:117 Resp: 232624
Ion Ratio Lower Upper
117 100
82 58.7 46.2 69.4
119 32.1 25.5 38.3

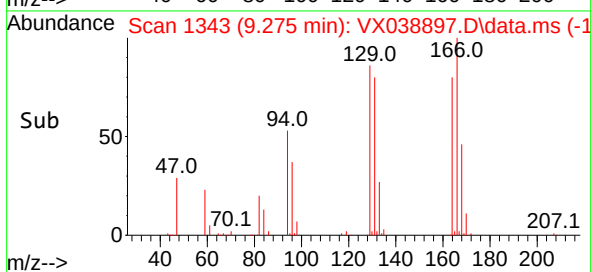
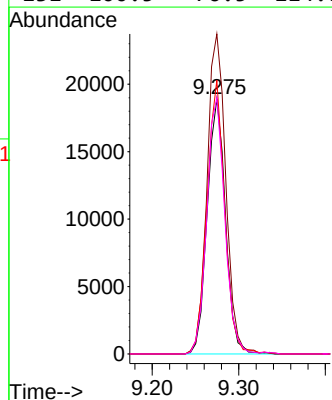
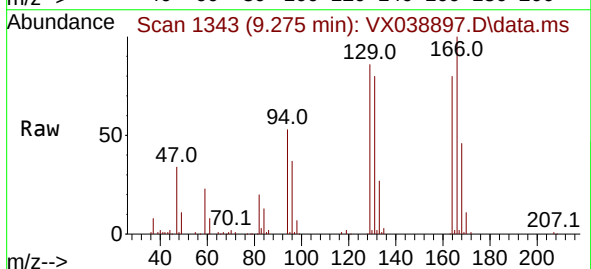
Manual Integrations
APPROVED

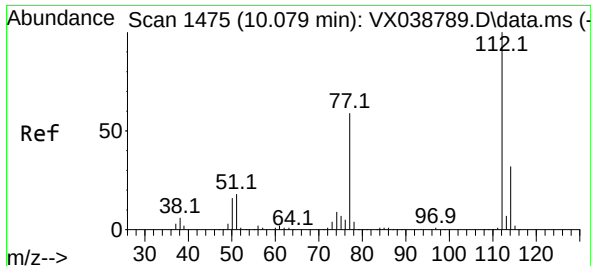
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#64
Tetrachloroethene
Concen: 19.110 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX038897.D
Acq: 18 Nov 2023 00:26

Tgt Ion:164 Resp: 27632
Ion Ratio Lower Upper
164 100
166 125.6 102.7 154.1
129 107.5 80.4 120.6
131 100.5 76.5 114.7





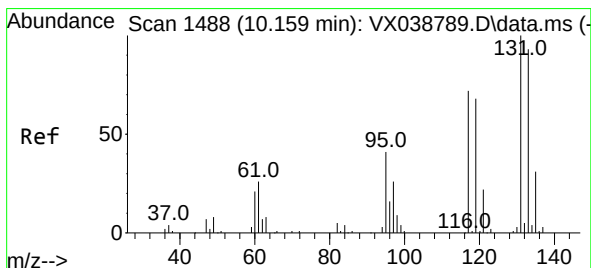
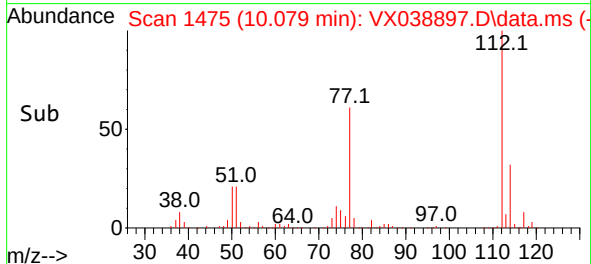
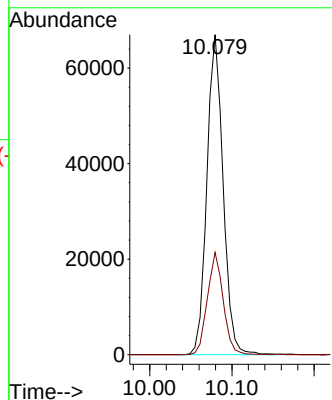
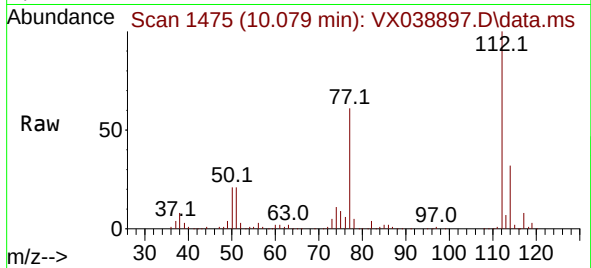
#65
Chlorobenzene
Concen: 18.363 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX038897.D
Acq: 18 Nov 2023 00:26

Instrument :
MSVOA_X
ClientSampleId :
VX1117WBSD02

Tgt Ion:112 Resp: 9201
Ion Ratio Lower Upper
112 100
114 32.0 25.7 38.5

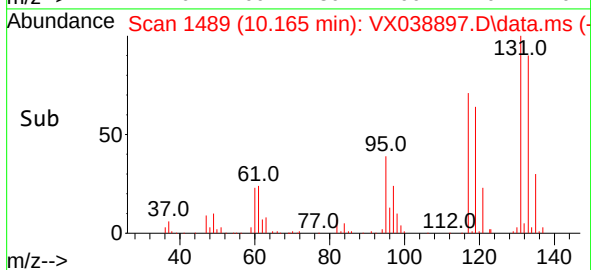
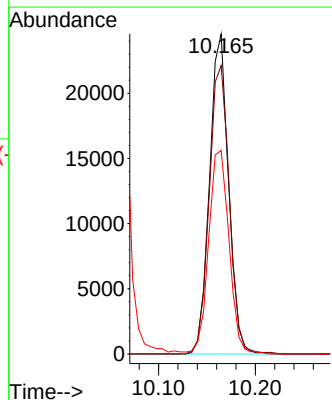
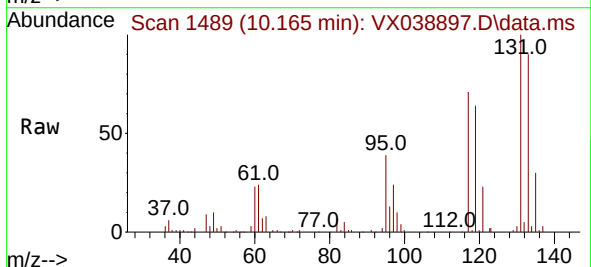
Manual Integrations
APPROVED

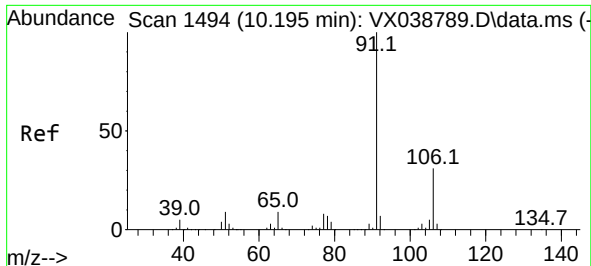
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 18.618 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.006 min
Lab File: VX038897.D
Acq: 18 Nov 2023 00:26

Tgt Ion:131 Resp: 33559
Ion Ratio Lower Upper
131 100
133 95.1 47.1 141.4
119 68.2 32.2 96.6





#67

Ethyl Benzene

Concen: 18.771 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. -0.000 min

Lab File: VX038897.D

Acq: 18 Nov 2023 00:26

Instrument :

MSVOA_X

ClientSampleId :

VX1117WBSD02

Tgt Ion: 91 Resp: 172814

Ion Ratio Lower Upper

91 100

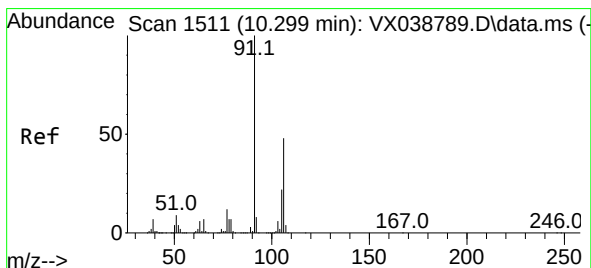
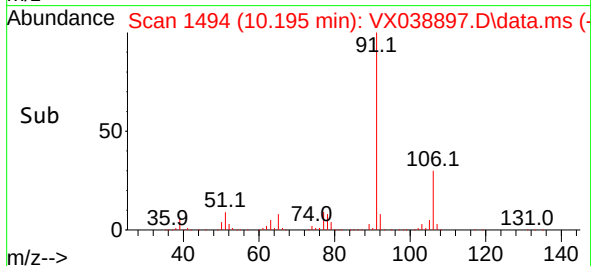
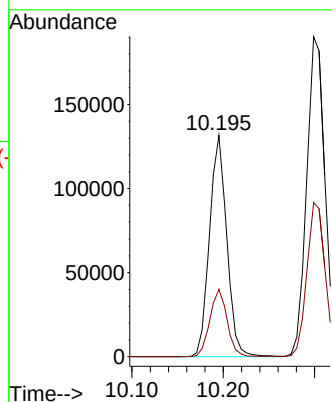
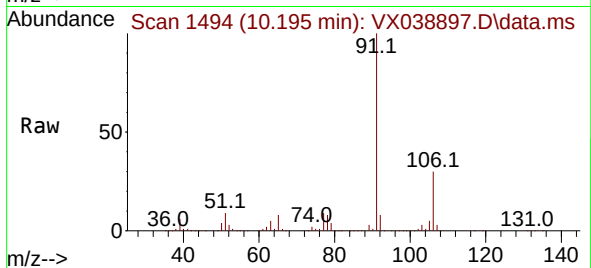
106 30.5 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2023

Supervised By :Mahesh Dadoda 11/20/2023



#68

m/p-Xylenes

Concen: 37.057 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX038897.D

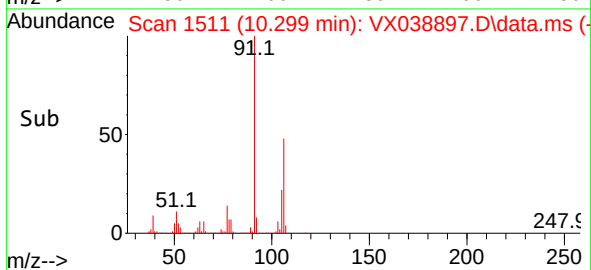
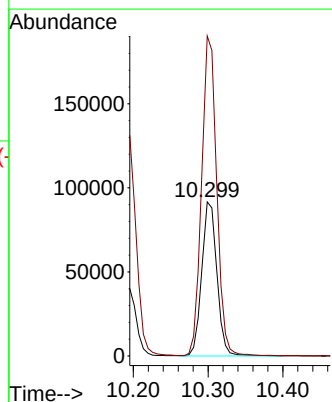
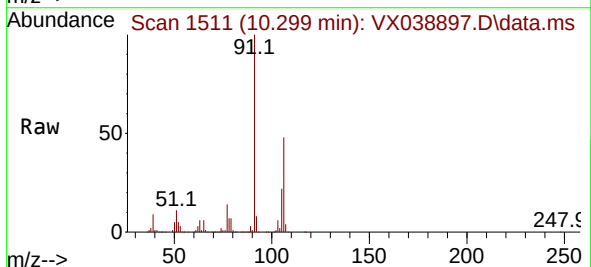
Acq: 18 Nov 2023 00:26

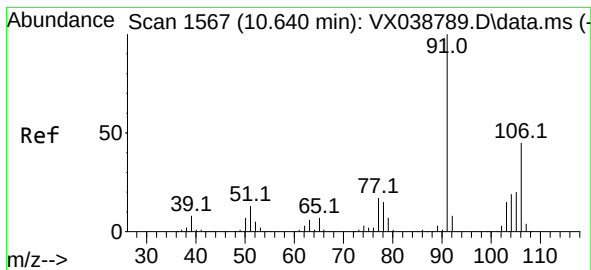
Tgt Ion:106 Resp: 129055

Ion Ratio Lower Upper

106 100

91 207.2 165.5 248.3





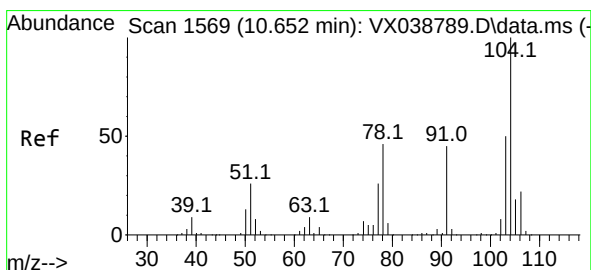
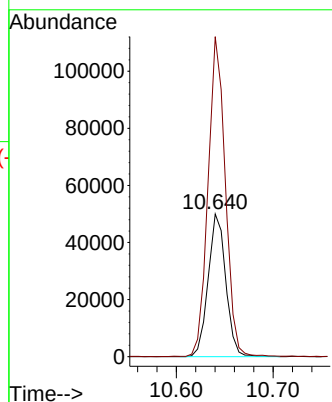
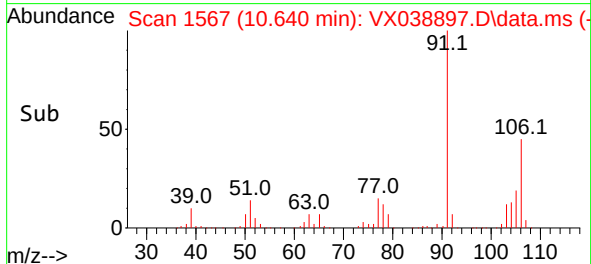
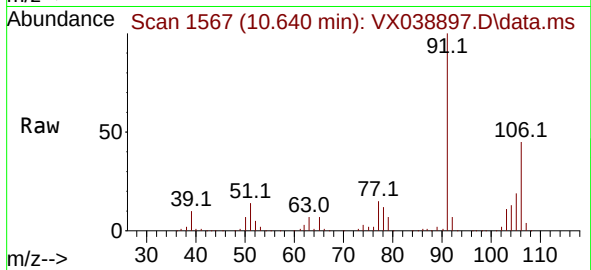
#69
o-Xylene
Concen: 18.390 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX038897.D
Acq: 18 Nov 2023 00:26

Instrument :
MSVOA_X
ClientSampleId :
VX1117WBSD02

Tgt Ion:106 Resp: 6337
Ion Ratio Lower Upper
106 100
91 221.2 108.9 326.8

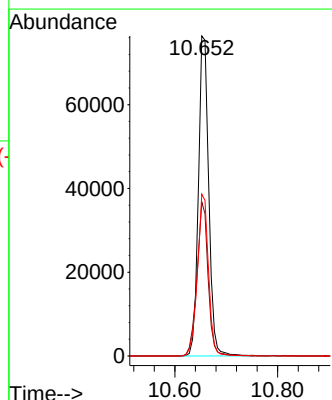
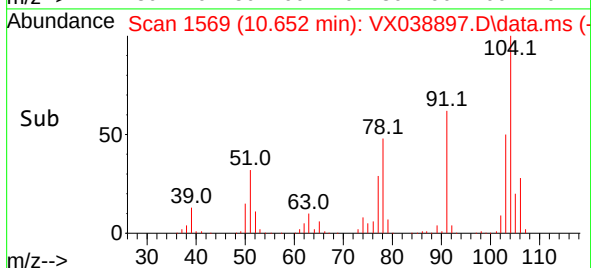
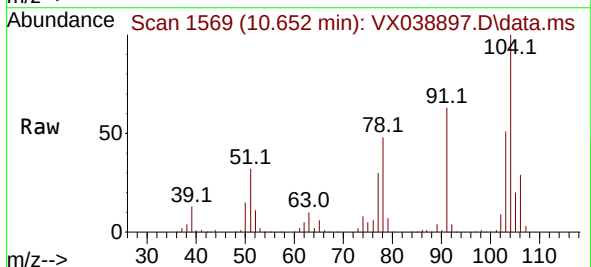
Manual Integrations
APPROVED

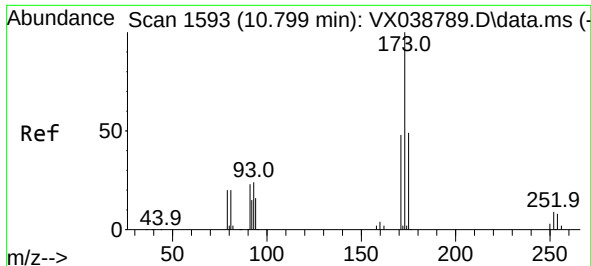
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#70
Styrene
Concen: 18.411 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX038897.D
Acq: 18 Nov 2023 00:26

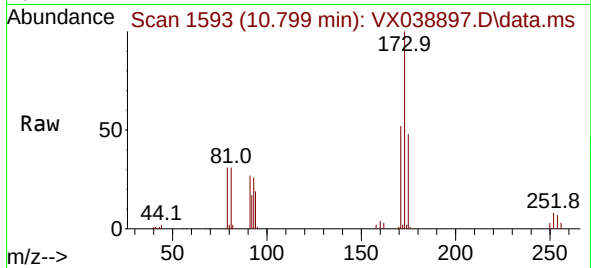
Tgt Ion:104 Resp: 107149
Ion Ratio Lower Upper
104 100
78 51.7 43.6 65.4
103 54.1 43.6 65.4





#71
Bromoform
Concen: 18.685 ug/l
RT: 10.799 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX038897.D
Acq: 18 Nov 2023 00:26

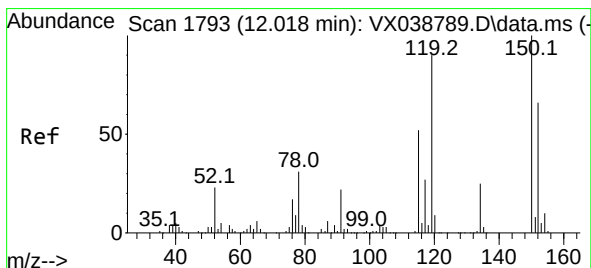
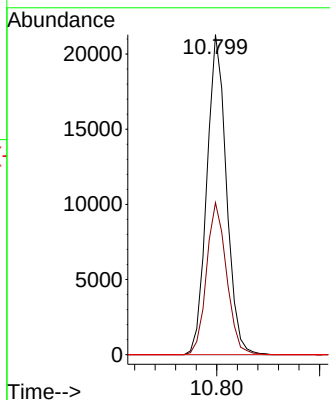
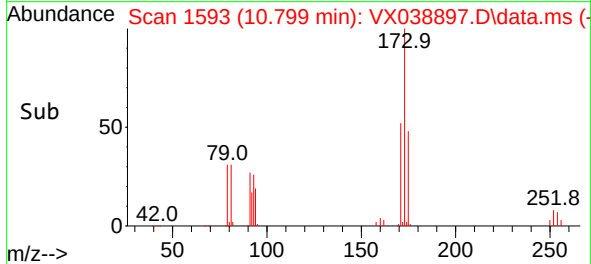
Instrument :
MSVOA_X
ClientSampleId :
VX1117WBSD02



Tgt Ion:173 Resp: 2807
Ion Ratio Lower Upper
173 100
175 48.7 24.1 72.4
254 0.0 0.0 0.0

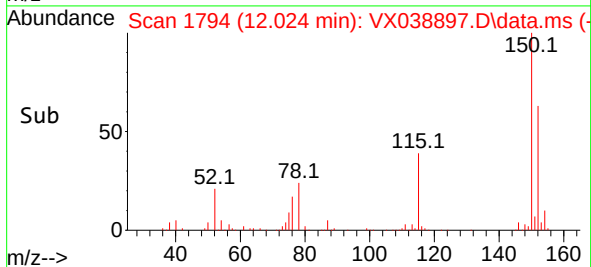
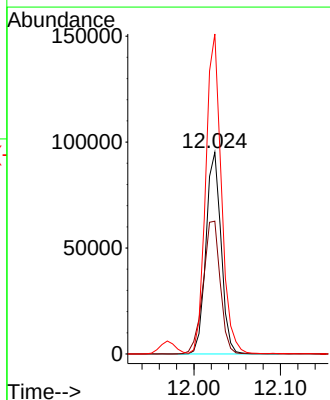
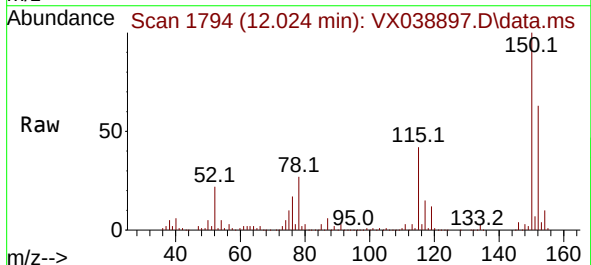
Manual Integrations
APPROVED

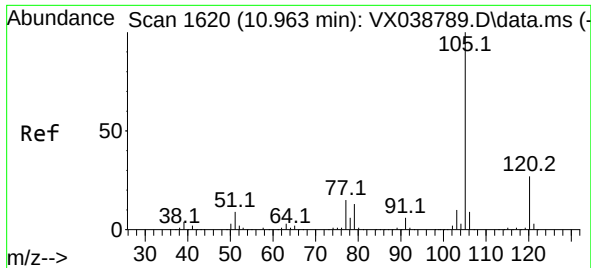
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX038897.D
Acq: 18 Nov 2023 00:26

Tgt Ion:152 Resp: 115286
Ion Ratio Lower Upper
152 100
115 74.6 43.3 129.9
150 163.9 0.0 345.0





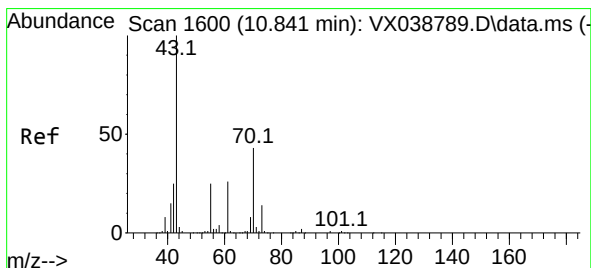
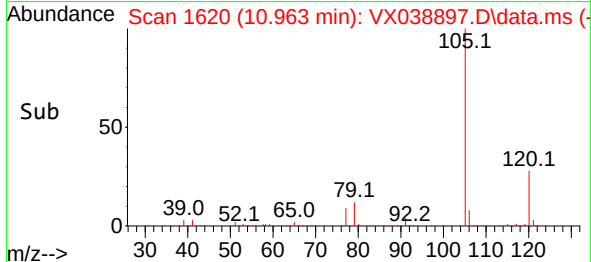
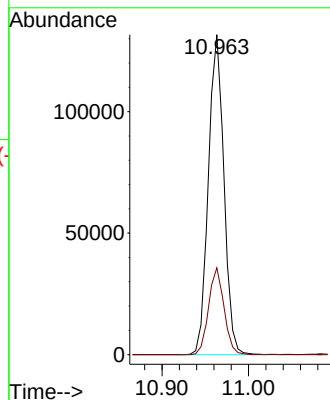
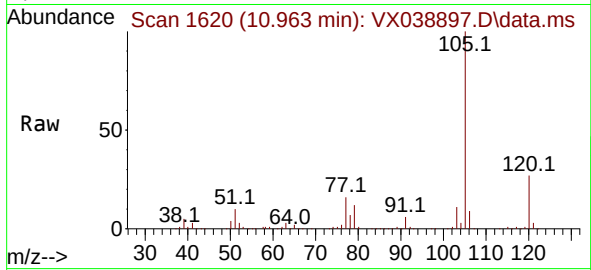
#73
Isopropylbenzene
Concen: 18.277 ug/l
RT: 10.963 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX038897.D
Acq: 18 Nov 2023 00:26

Instrument :
MSVOA_X
ClientSampleId :
VX1117WBSD02

Tgt Ion:105 Resp: 164172
Ion Ratio Lower Upper
105 100
120 26.9 12.9 38.6

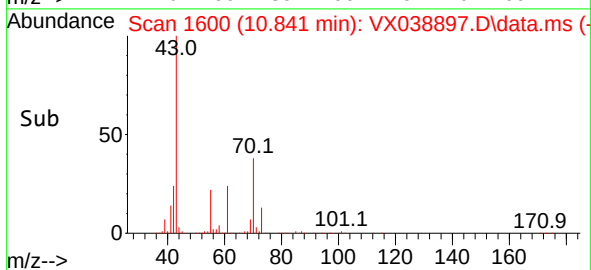
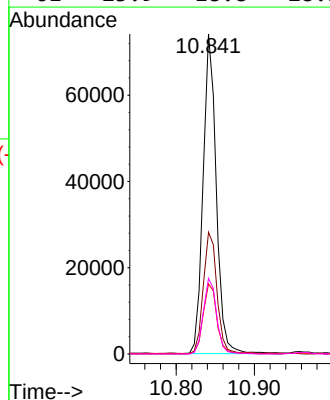
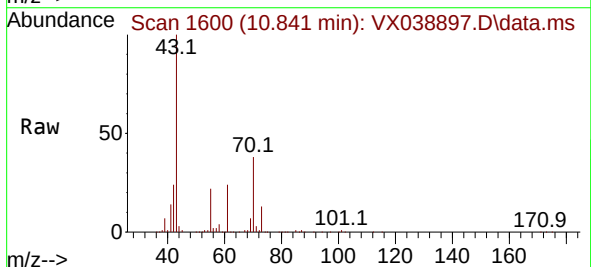
Manual Integrations
APPROVED

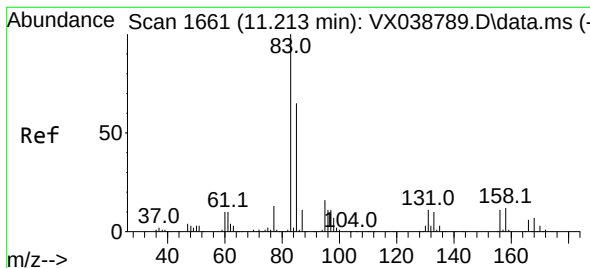
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#74
N-ethyl acetate
Concen: 18.194 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX038897.D
Acq: 18 Nov 2023 00:26

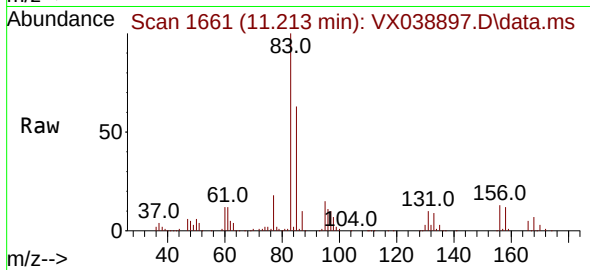
Tgt Ion: 43 Resp: 86392
Ion Ratio Lower Upper
43 100
70 39.9 32.9 49.3
55 22.7 19.3 28.9
61 23.9 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 18.408 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX038897.D
Acq: 18 Nov 2023 00:26

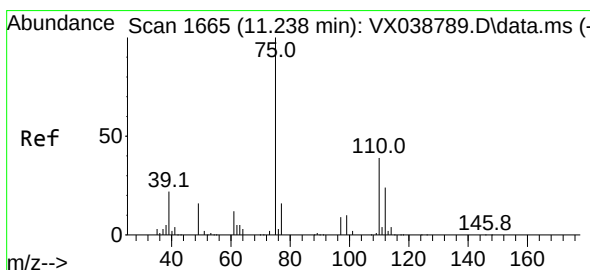
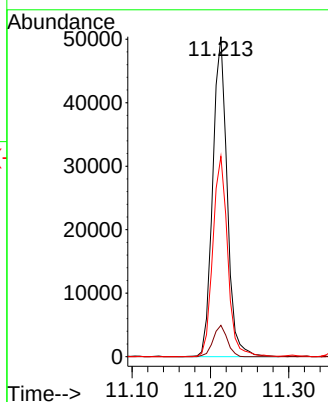
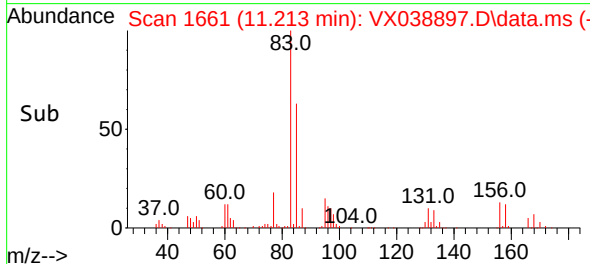
Instrument :
MSVOA_X
ClientSampleId :
VX1117WBSD02



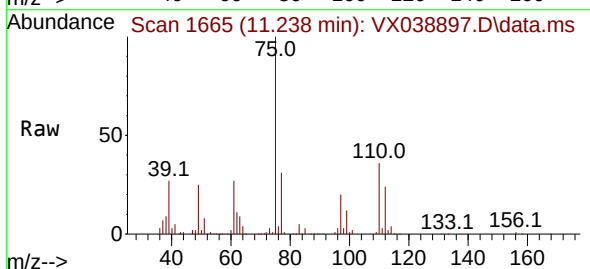
Tgt Ion: 83 Resp: 64549
Ion Ratio Lower Upper
83 100
131 9.6 5.3 15.8
85 64.4 32.0 96.2

Manual Integrations
APPROVED

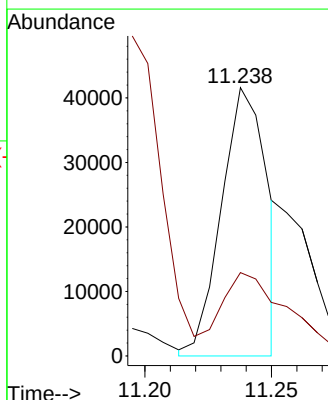
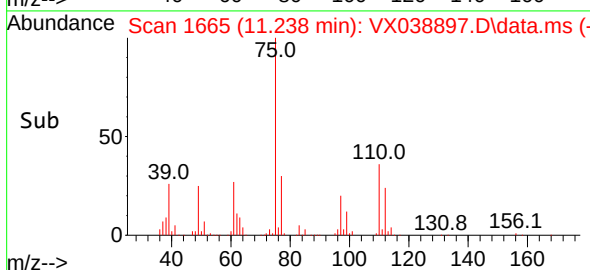
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023

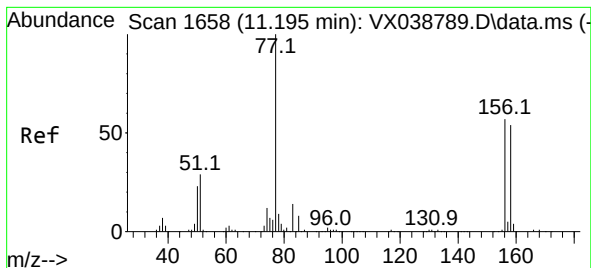


#76
1,2,3-Trichloropropane
Concen: 18.168 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX038897.D
Acq: 18 Nov 2023 00:26



Tgt Ion: 75 Resp: 52259
Ion Ratio Lower Upper
75 100
77 45.6 19.1 57.5





#77

Bromobenzene

Concen: 18.666 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX038897.D

Acq: 18 Nov 2023 00:26

Instrument :

MSVOA_X

ClientSampleId :

VX1117WBSD02

Tgt Ion:156 Resp: 37674

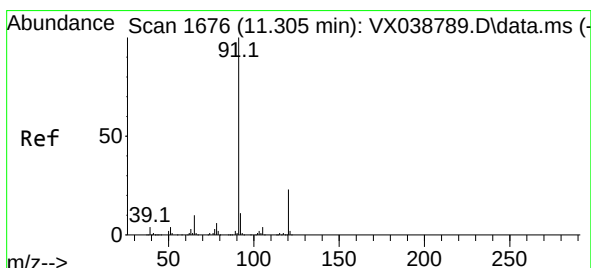
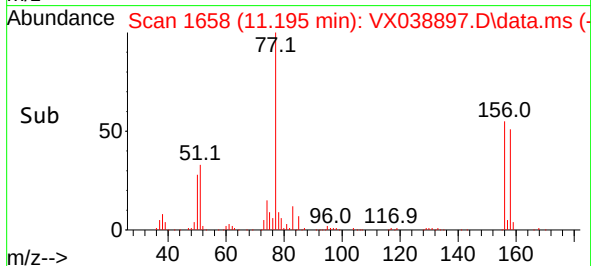
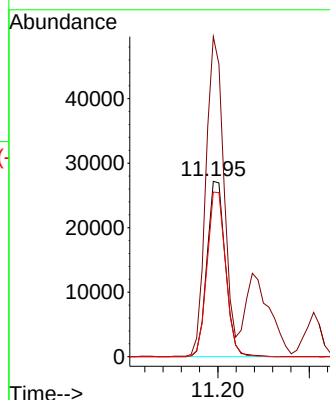
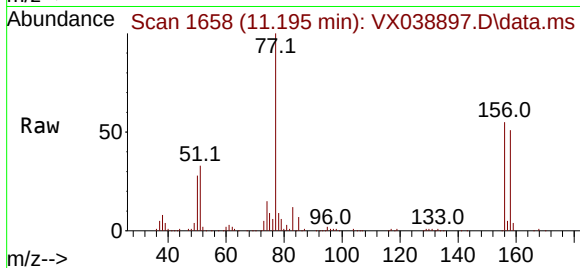
Ion	Ratio	Lower	Upper
156	100		
77	179.2	88.4	265.3
158	95.2	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2023

Supervised By :Mahesh Dadoda 11/20/2023



#78

n-propylbenzene

Concen: 18.244 ug/l

RT: 11.305 min Scan# 1676

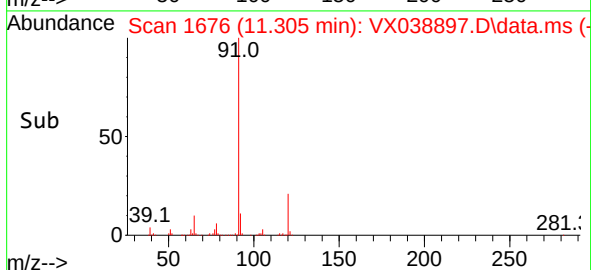
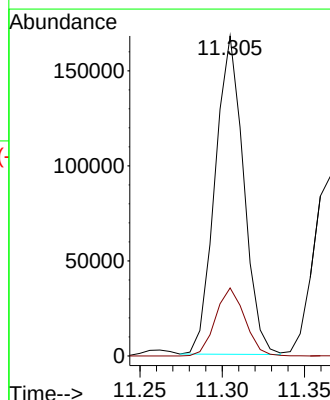
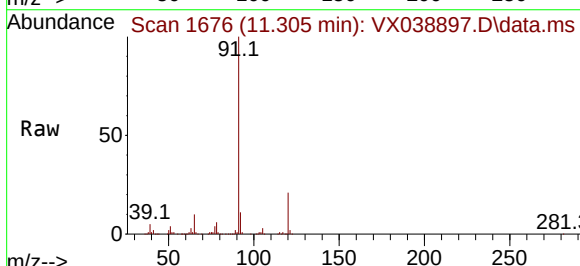
Delta R.T. -0.000 min

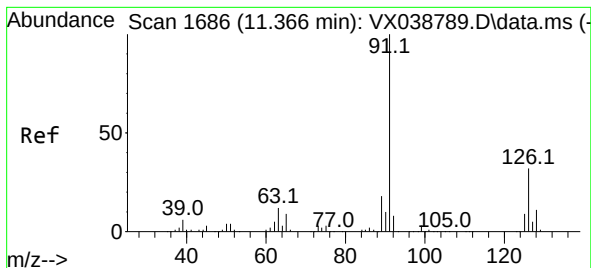
Lab File: VX038897.D

Acq: 18 Nov 2023 00:26

Tgt Ion: 91 Resp: 201711

Ion	Ratio	Lower	Upper
91	100		
120	21.9	11.5	34.4





#79

2-Chlorotoluene

Concen: 17.855 ug/l

RT: 11.366 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX038897.D

Acq: 18 Nov 2023 00:26

Instrument :

MSVOA_X

ClientSampleId :

VX1117WBSD02

Tgt Ion: 91 Resp: 11715

Ion Ratio Lower Upper

91 100

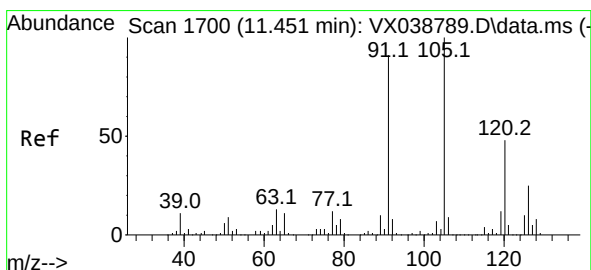
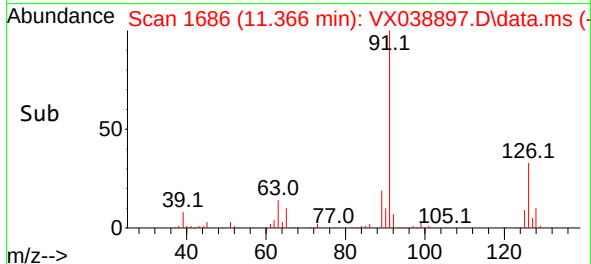
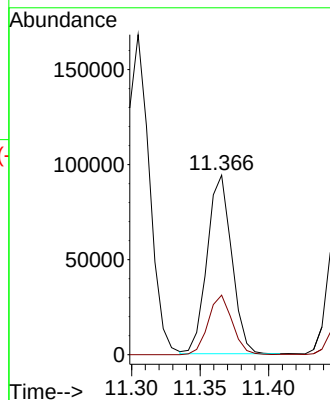
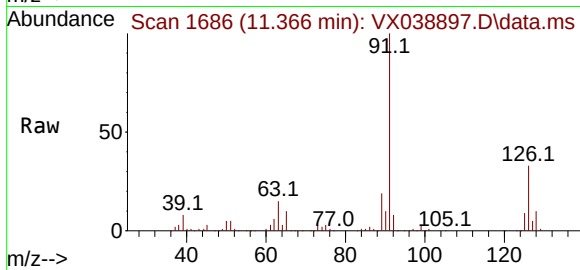
126 32.6 16.3 48.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2023

Supervised By :Mahesh Dadoda 11/20/2023



#80

1,3,5-Trimethylbenzene

Concen: 18.865 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX038897.D

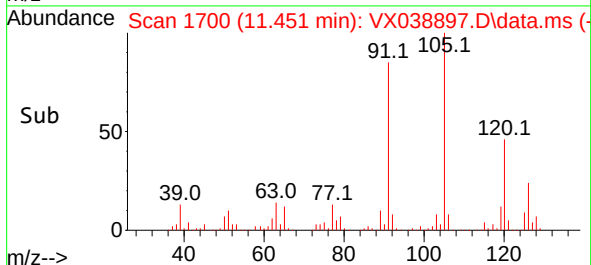
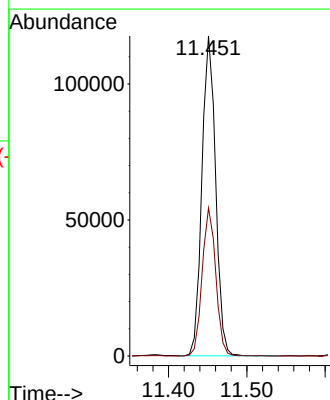
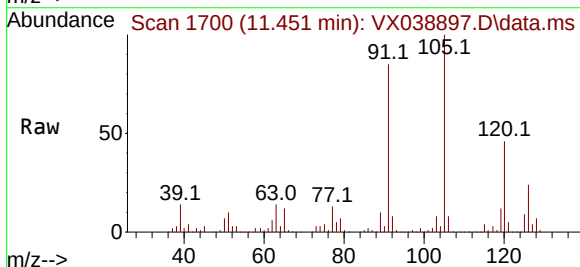
Acq: 18 Nov 2023 00:26

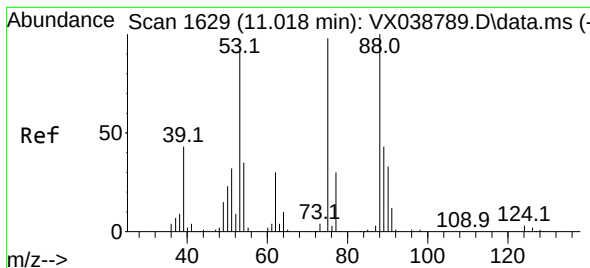
Tgt Ion:105 Resp: 142479

Ion Ratio Lower Upper

105 100

120 46.1 24.1 72.3





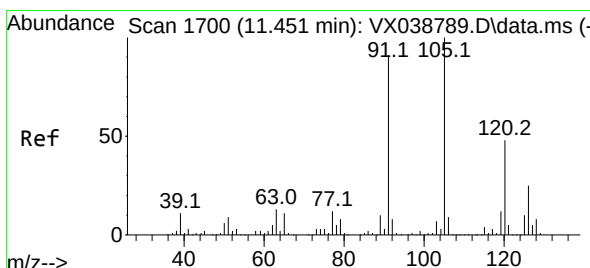
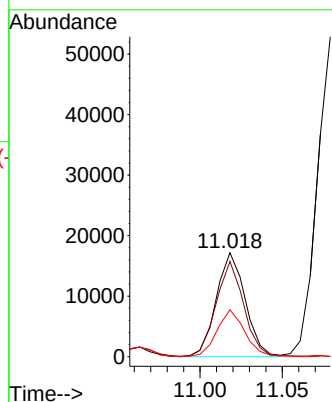
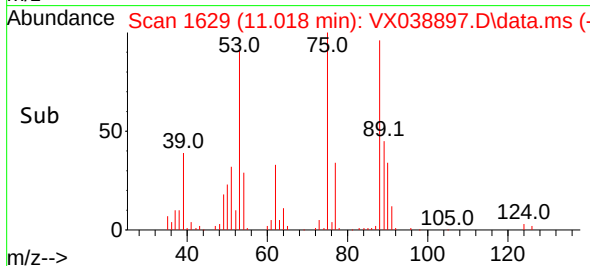
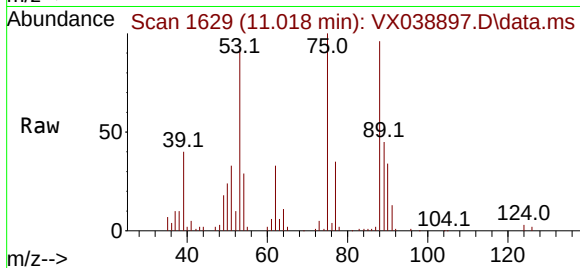
#81
trans-1,4-Dichloro-2-butene
Concen: 16.203 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX038897.D
Acq: 18 Nov 2023 00:26

Instrument :
MSVOA_X
ClientSampleId :
VX1117WBSD02

Tgt Ion: 75 Resp: 21012
Ion Ratio Lower Upper
75 100
53 87.6 90.5 135.7
89 43.5 36.9 55.3

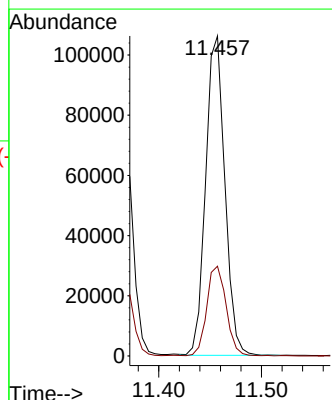
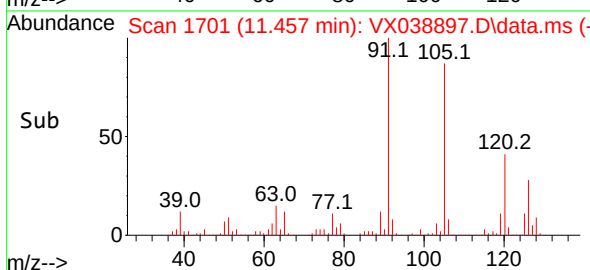
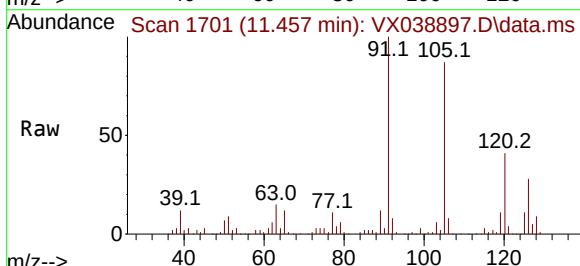
Manual Integrations
APPROVED

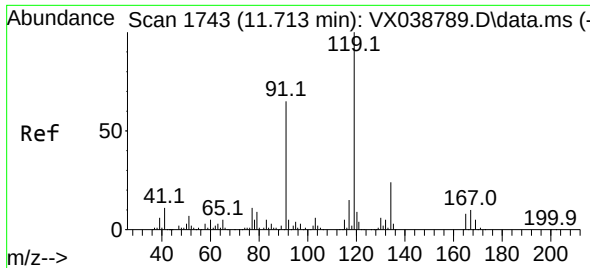
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#82
4-Chlorotoluene
Concen: 18.203 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX038897.D
Acq: 18 Nov 2023 00:26

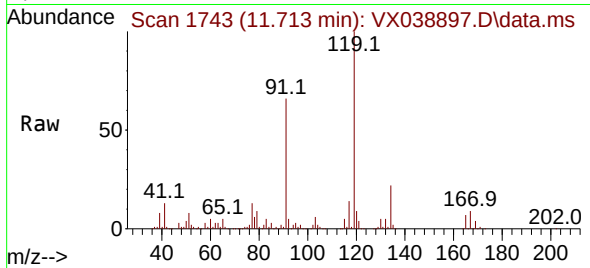
Tgt Ion: 91 Resp: 137719
Ion Ratio Lower Upper
91 100
126 28.6 14.2 42.6





#83
tert-Butylbenzene
Concen: 18.442 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX038897.D
Acq: 18 Nov 2023 00:26

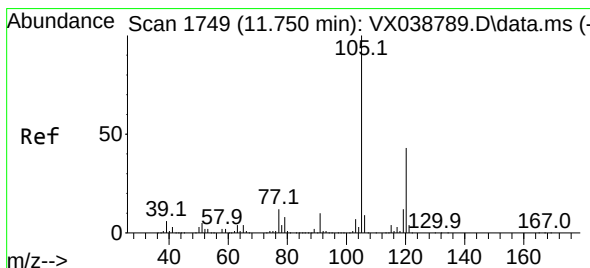
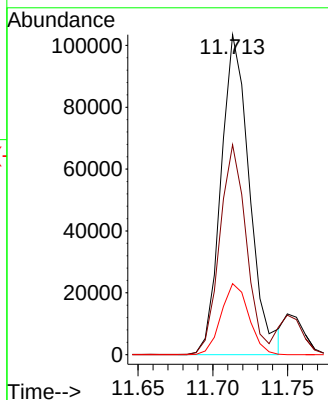
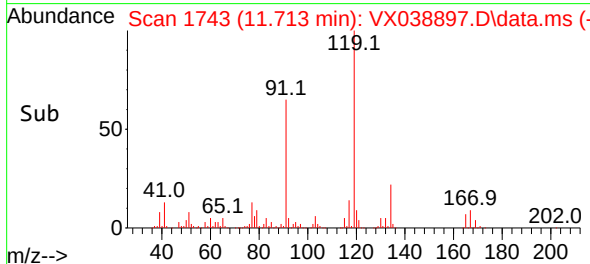
Instrument :
MSVOA_X
ClientSampleId :
VX1117WBSD02



Tgt Ion:119 Resp: 137174
Ion Ratio Lower Upper
119 100
91 61.1 31.2 93.6
134 21.5 11.7 35.0

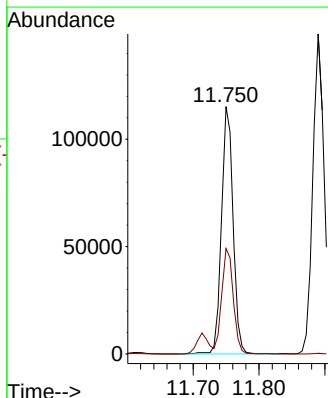
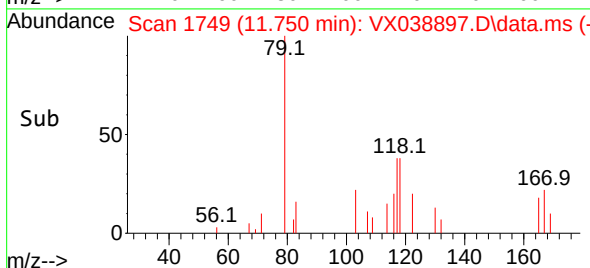
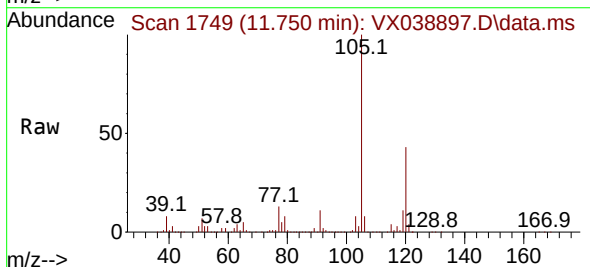
Manual Integrations
APPROVED

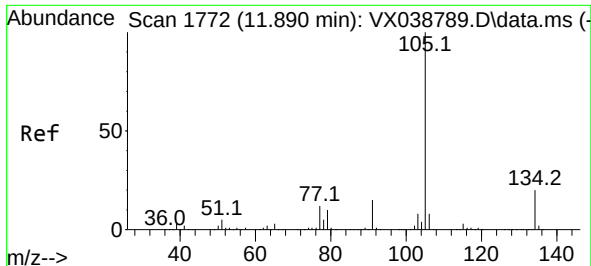
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#84
1,2,4-Trimethylbenzene
Concen: 18.486 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX038897.D
Acq: 18 Nov 2023 00:26

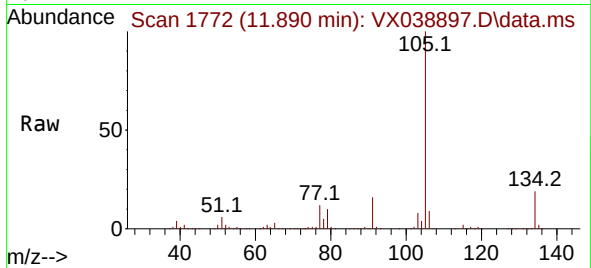
Tgt Ion:105 Resp: 141314
Ion Ratio Lower Upper
105 100
120 42.2 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 18.281 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX038897.D
 Acq: 18 Nov 2023 00:26

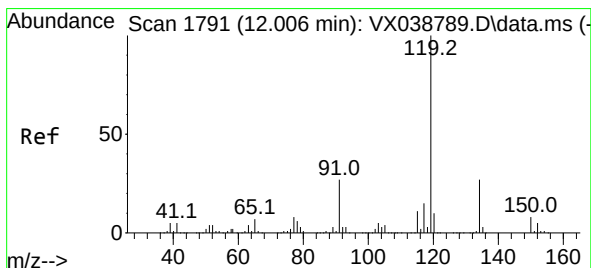
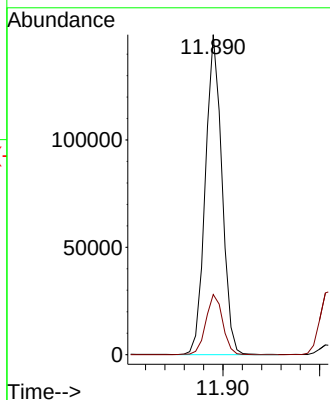
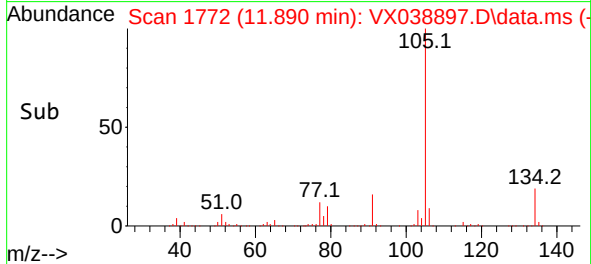
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1117WBSD02



Tgt Ion:105 Resp: 17786
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.8 29.4

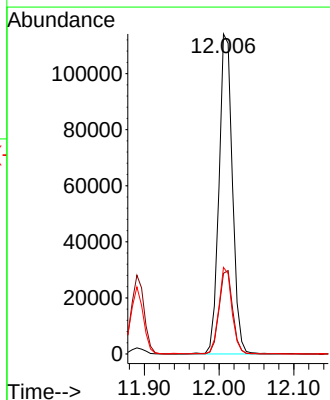
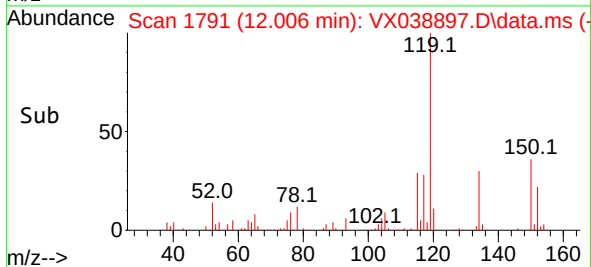
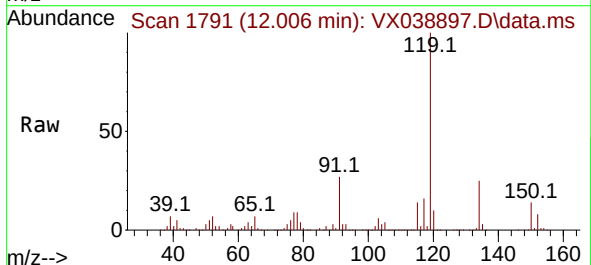
Manual Integrations
 APPROVED

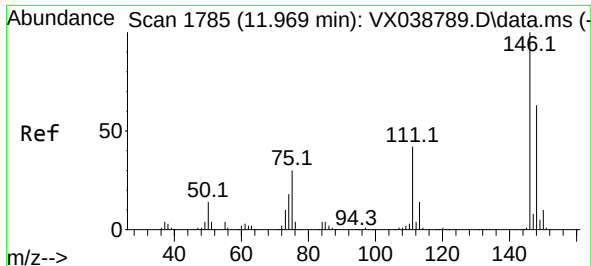
Reviewed By :John Carlone 11/18/2023
 Supervised By :Mahesh Dadoda 11/20/2023



#86
 p-Isopropyltoluene
 Concen: 18.263 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX038897.D
 Acq: 18 Nov 2023 00:26

Tgt Ion:119 Resp: 142644
 Ion Ratio Lower Upper
 119 100
 134 26.3 12.8 38.3
 91 26.1 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 18.052 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX038897.D

Acq: 18 Nov 2023 00:26

Instrument :

MSVOA_X

ClientSampleId :

VX1117WBSD02

Tgt Ion:146 Resp: 71348

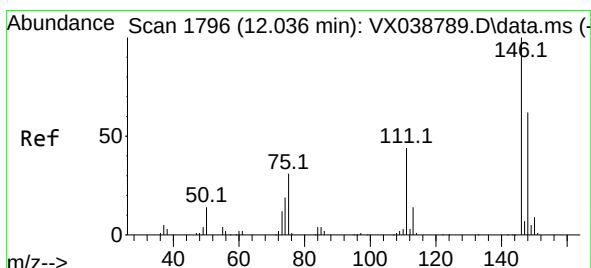
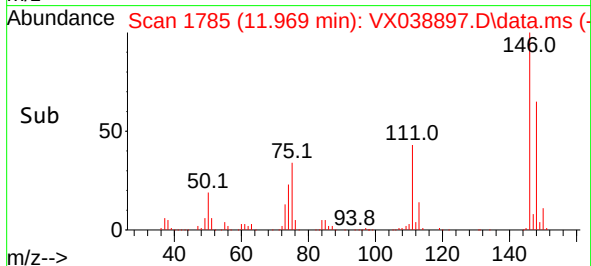
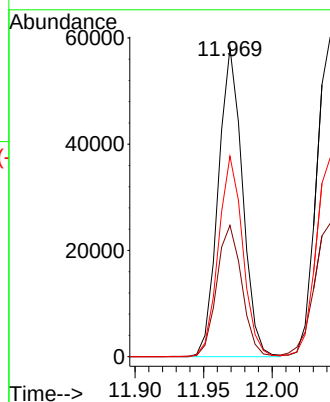
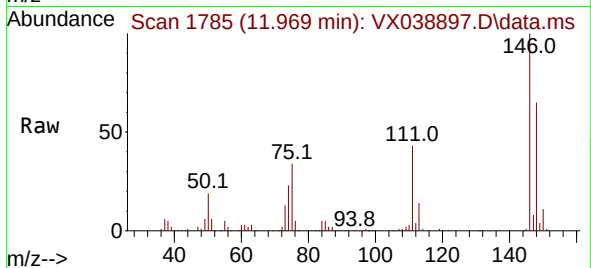
Ion	Ratio	Lower	Upper
146	100		
111	44.3	22.1	66.1
148	65.2	31.8	95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2023

Supervised By :Mahesh Dadoda 11/20/2023



#88

1,4-Dichlorobenzene

Concen: 18.354 ug/l

RT: 12.042 min Scan# 1797

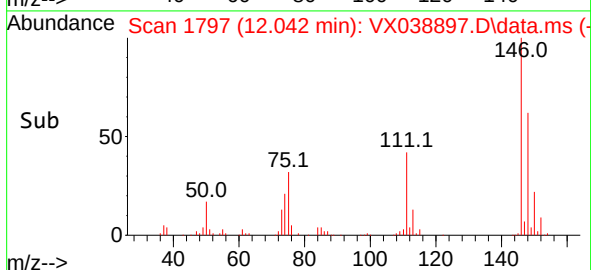
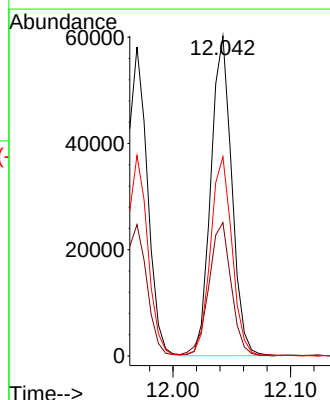
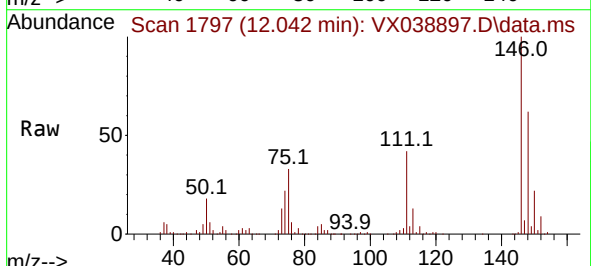
Delta R.T. 0.006 min

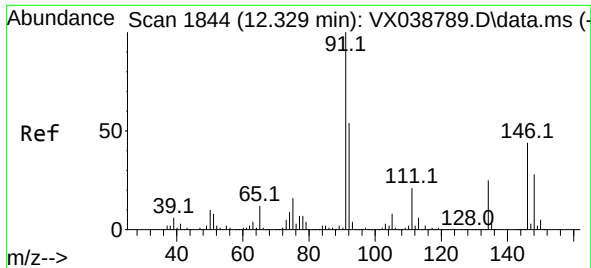
Lab File: VX038897.D

Acq: 18 Nov 2023 00:26

Tgt Ion:146 Resp: 74244

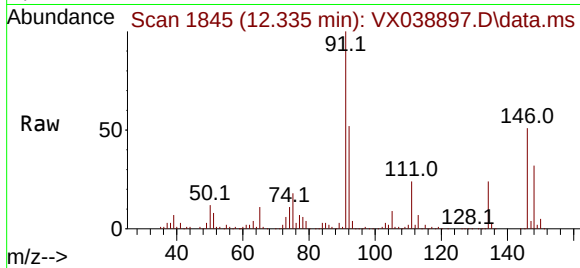
Ion	Ratio	Lower	Upper
146	100		
111	44.8	21.3	63.7
148	64.5	31.8	95.4





#89
n-Butylbenzene
Concen: 17.381 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX038897.D
Acq: 18 Nov 2023 00:26

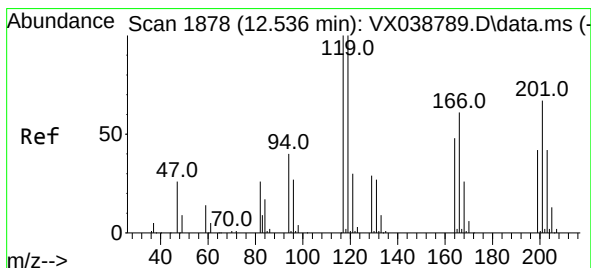
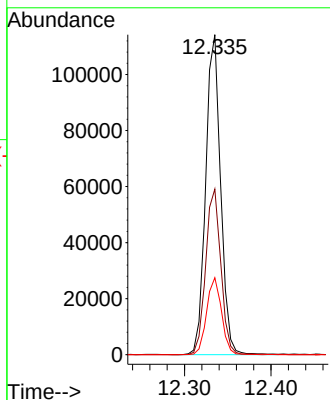
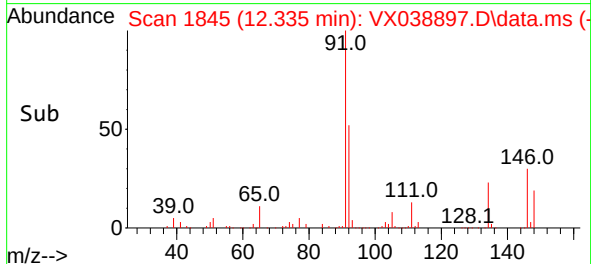
Instrument :
MSVOA_X
ClientSampleId :
VX1117WBSD02



Tgt Ion: 91 Resp: 136960
Ion Ratio Lower Upper
91 100
92 52.6 27.4 82.0
134 24.0 12.6 37.8

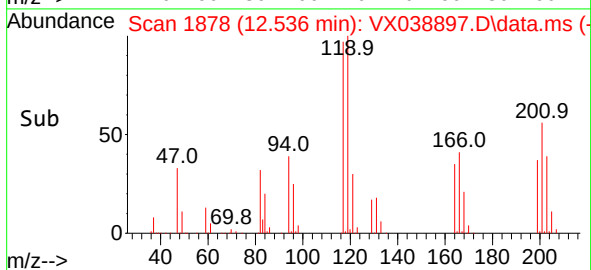
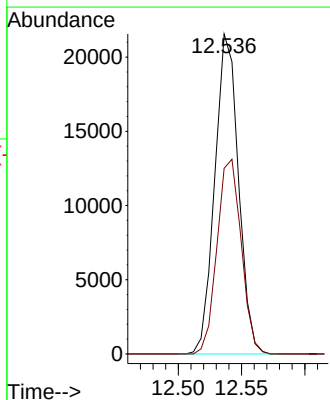
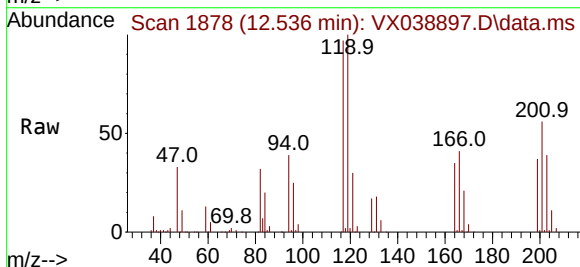
Manual Integrations
APPROVED

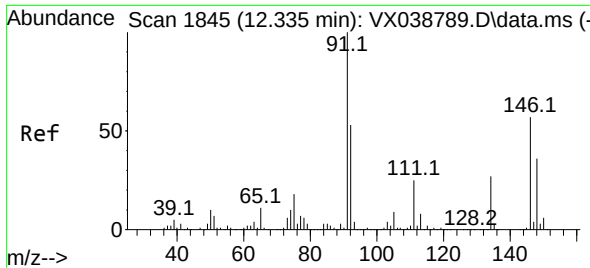
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#90
Hexachloroethane
Concen: 17.942 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX038897.D
Acq: 18 Nov 2023 00:26

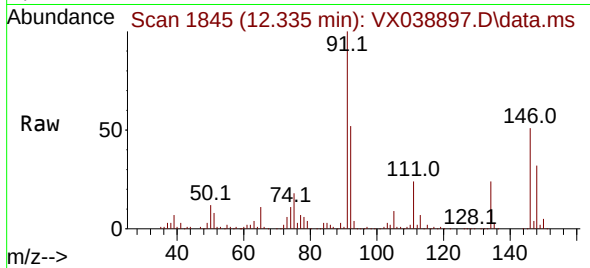
Tgt Ion:117 Resp: 27984
Ion Ratio Lower Upper
117 100
201 62.3 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 18.648 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX038897.D
Acq: 18 Nov 2023 00:26

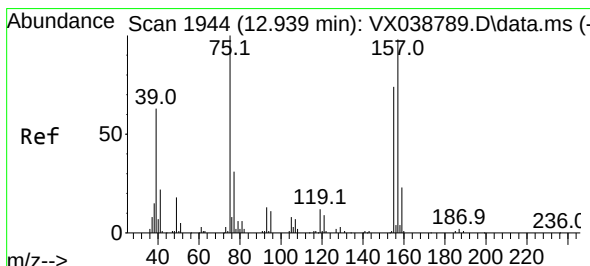
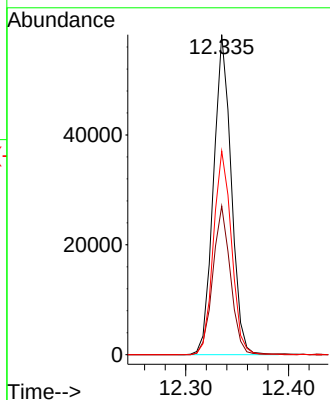
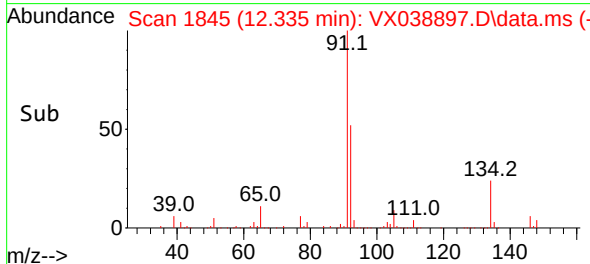
Instrument :
MSVOA_X
ClientSampleId :
VX1117WBSD02



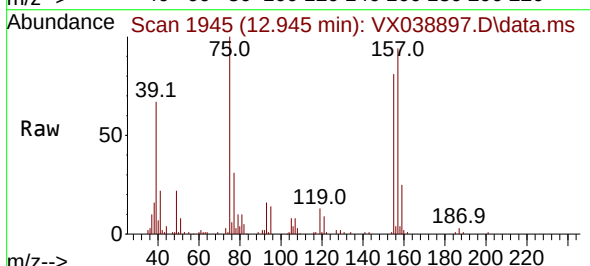
Tgt Ion:146 Resp: 6990
Ion Ratio Lower Upper
146 100
111 46.2 22.4 67.0
148 64.9 31.6 95.0

Manual Integrations
APPROVED

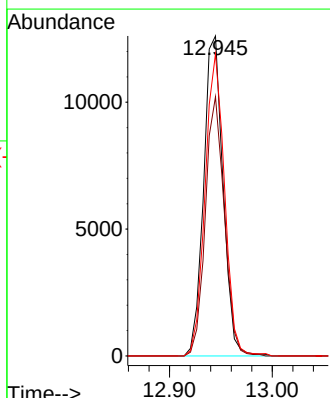
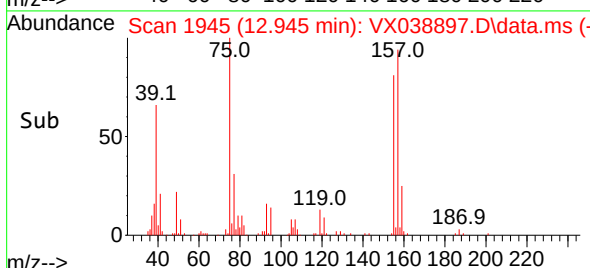
Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023

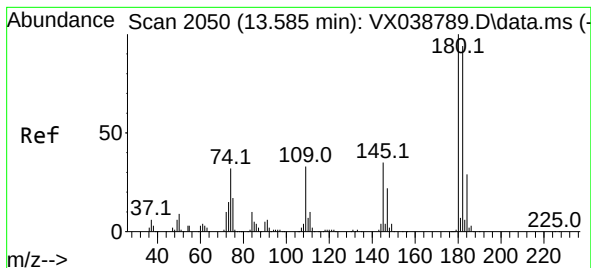


#92
1,2-Dibromo-3-Chloropropane
Concen: 19.280 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX038897.D
Acq: 18 Nov 2023 00:26



Tgt Ion: 75 Resp: 16563
Ion Ratio Lower Upper
75 100
155 79.3 36.1 108.5
157 94.8 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 18.320 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.006 min

Lab File: VX038897.D

Acq: 18 Nov 2023 00:26

Instrument :

MSVOA_X

ClientSampleId :

VX1117WBSD02

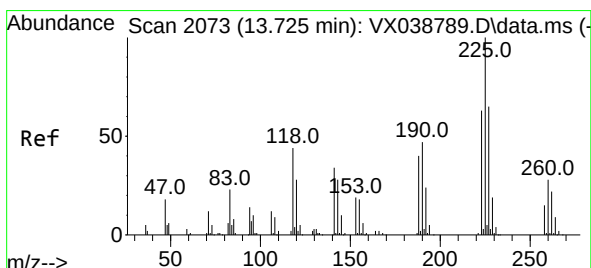
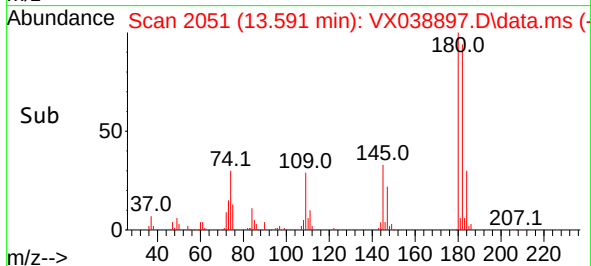
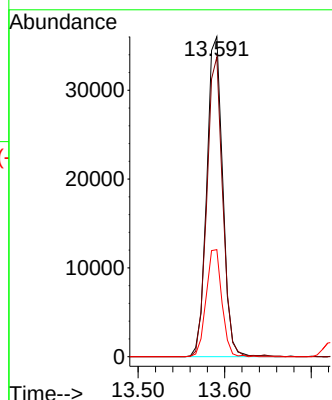
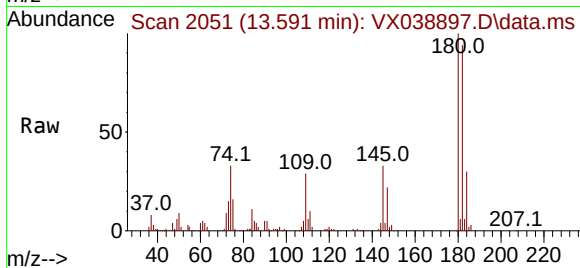
Tgt Ion:	180	Resp:	4602
Ion Ratio	Lower	Upper	
180	100		
182	92.6	48.3	144.8
145	33.2	18.0	54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2023

Supervised By :Mahesh Dadoda 11/20/2023



#94

Hexachlorobutadiene

Concen: 17.800 ug/l

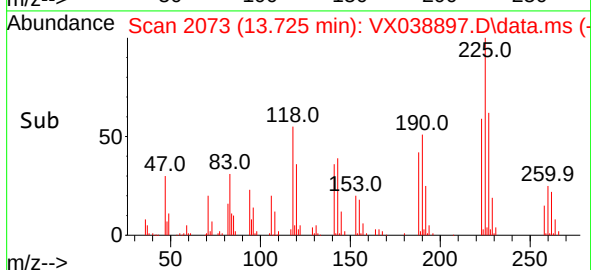
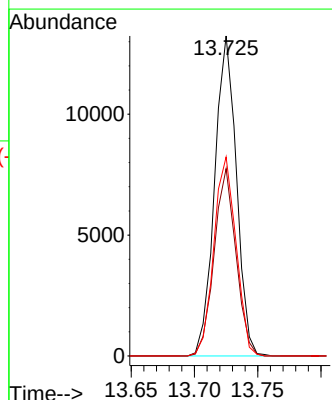
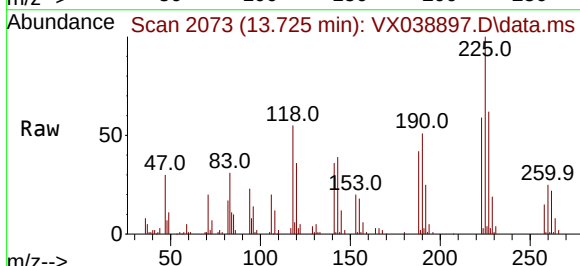
RT: 13.725 min Scan# 2073

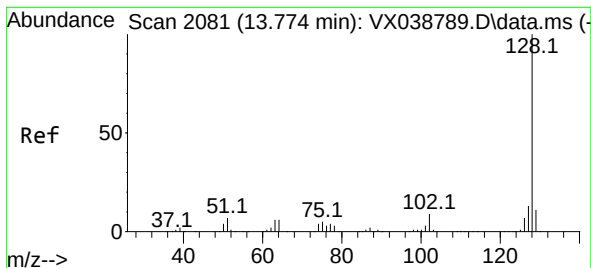
Delta R.T. -0.000 min

Lab File: VX038897.D

Acq: 18 Nov 2023 00:26

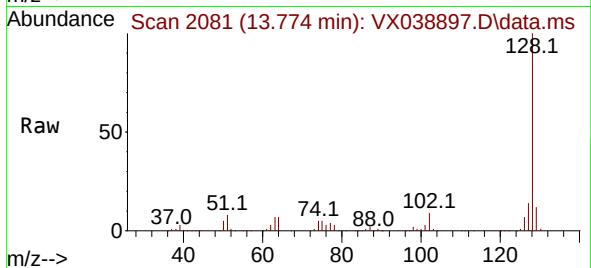
Tgt Ion:	225	Resp:	15835
Ion Ratio	Lower	Upper	
225	100		
223	58.6	31.1	93.2
227	63.4	32.5	97.5





#95
Naphthalene
Concen: 18.457 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX038897.D
Acq: 18 Nov 2023 00:26

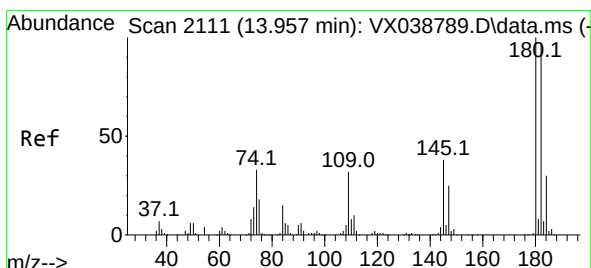
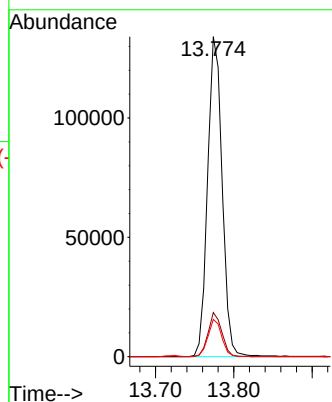
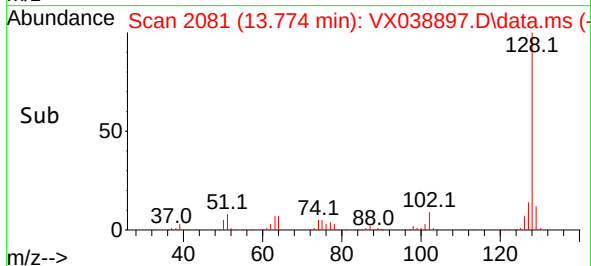
Instrument :
MSVOA_X
ClientSampleId :
VX1117WBSD02



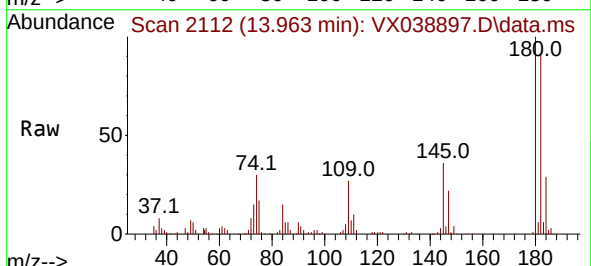
Tgt Ion:128 Resp: 172678
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 11.0 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/18/2023
Supervised By :Mahesh Dadoda 11/20/2023



#96
1,2,3-Trichlorobenzene
Concen: 18.959 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX038897.D
Acq: 18 Nov 2023 00:26



Tgt Ion:180 Resp: 45147
Ion Ratio Lower Upper
180 100
182 92.5 46.9 140.6
145 36.4 17.8 53.5

