

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082322\
 Data File : VX030747.D
 Acq On : 23 Aug 2022 21:33
 Operator : JC/MD
 Sample : VX0823WBL02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0823WBL02

Quant Time: Sep 06 03:00:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072522W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 24 16:33:27 2022
 Response via : Initial Calibration

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

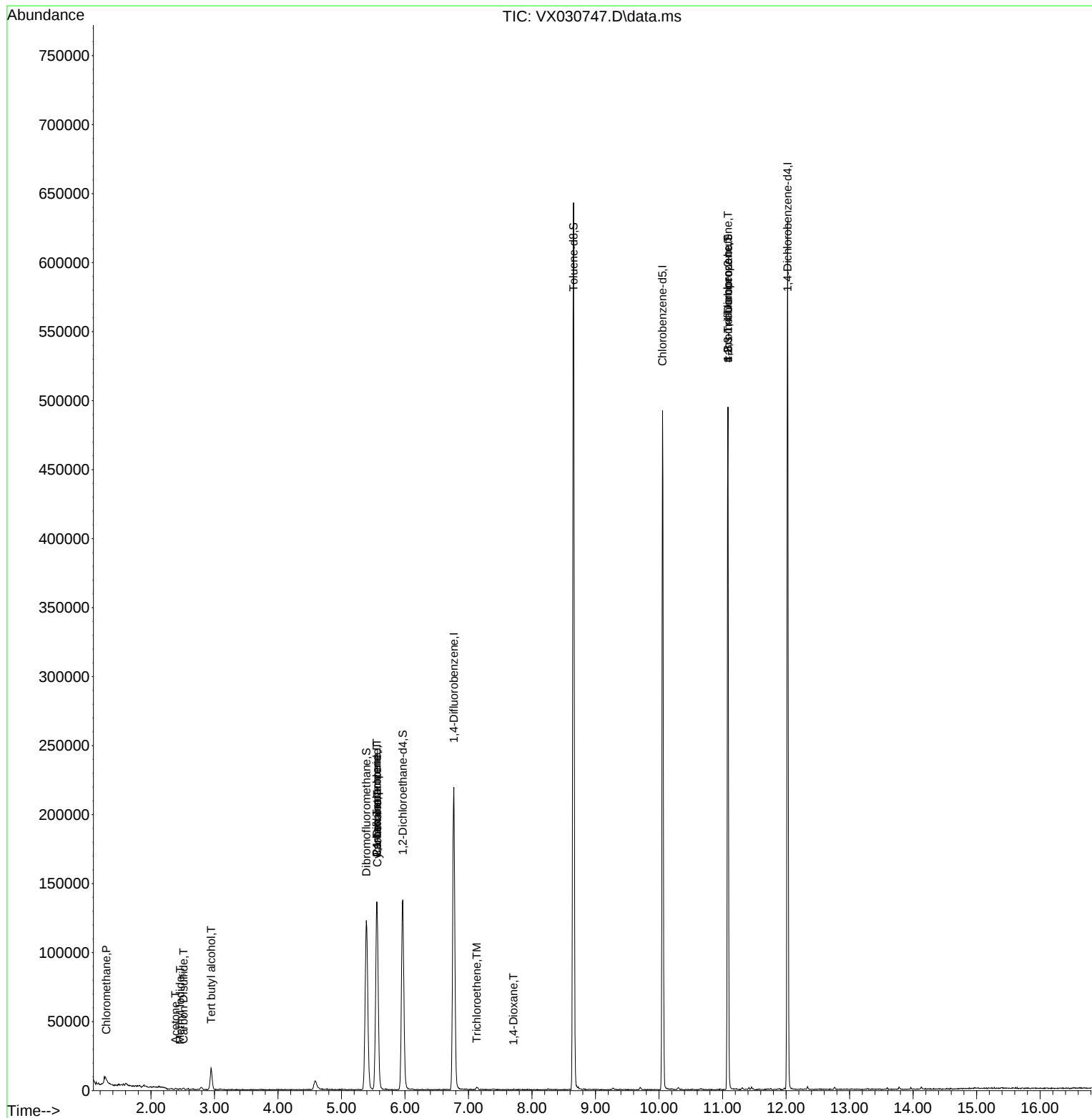
Internal Standards						
1) Pentafluorobenzene	5.556	168	126176	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	232200	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	230223	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	131539	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	130781	51.569	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.140%			
35) Dibromofluoromethane	5.391	113	113251	51.021	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.040%			
50) Toluene-d8	8.653	98	392348	45.642	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 91.280%			
62) 4-Bromofluorobenzene	11.085	95	139536	43.738	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 87.480%			
Target Compounds					Qvalue	
3) Chloromethane	1.294	50	416	0.203	ug/l #	42
5) Bromomethane	1.618	94	456	Below Cal	#	73
10) Methyl Iodide	2.459	142	329	1.687	ug/l #	85
11) Tert butyl alcohol	2.947	59	8902	14.390	ug/l #	76
16) Acetone	2.386	43	841	0.648	ug/l #	67
17) Carbon Disulfide	2.514	76	1235	0.232	ug/l #	86
20) Methylene Chloride	2.788	84	929	Below Cal	#	90
31) Cyclohexane	5.562	56	2679	0.728	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	10393	3.253	ug/l #	48
38) Carbon Tetrachloride	5.556	117	13678	4.587	ug/l #	19
44) Trichloroethene	7.129	130	1017	0.370	ug/l	58
49) 1,4-Dioxane	7.708	88	23	0.305	ug/l #	25
67) Ethyl Benzene	10.195	91	515	Below Cal	#	86
76) 1,2,3-Trichloropropane	11.085	75	63821	18.407	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	63821	55.218	ug/l #	13

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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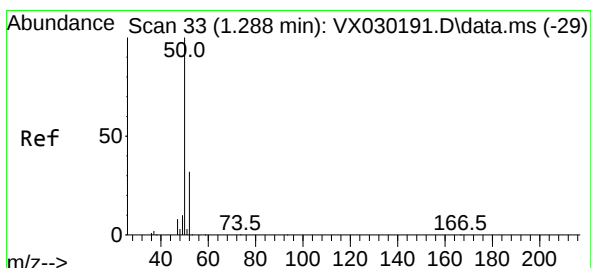
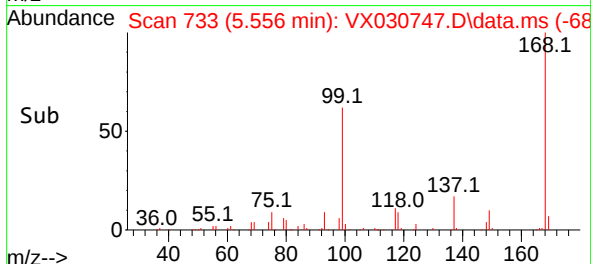
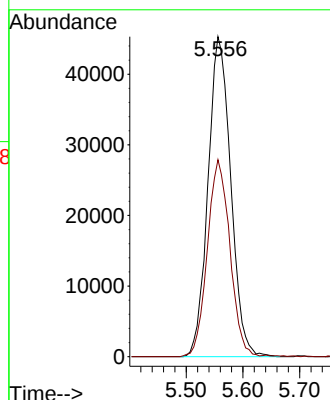
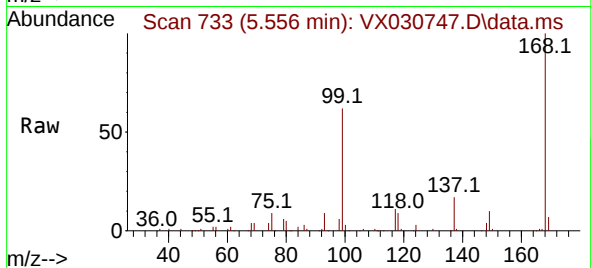




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX030747.D
Acq: 23 Aug 2022 21:33

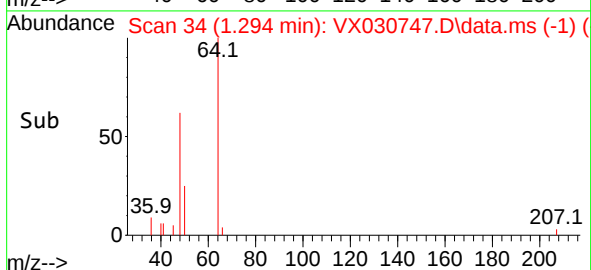
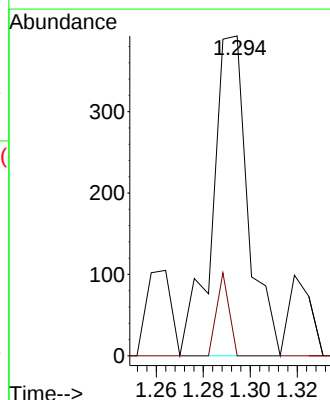
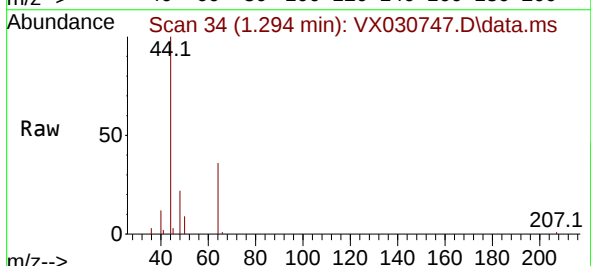
Instrument :
MSVOA_X
ClientSampleId :
VX0823WBL02

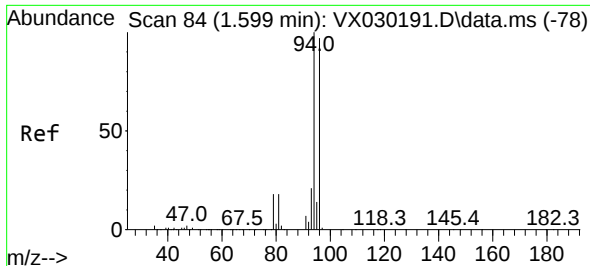
Tgt Ion:168 Resp: 126176
Ion Ratio Lower Upper
168 100
99 61.5 44.0 66.0



#3
Chloromethane
Concen: 0.203 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX030747.D
Acq: 23 Aug 2022 21:33

Tgt Ion: 50 Resp: 416
Ion Ratio Lower Upper
50 100
52 0.0 26.3 39.5#

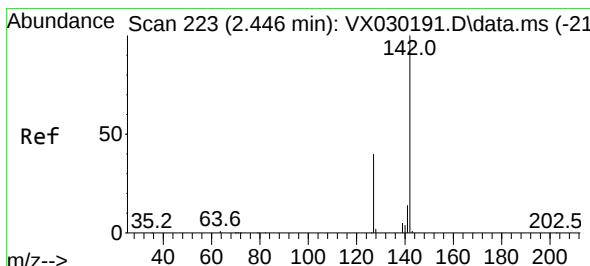
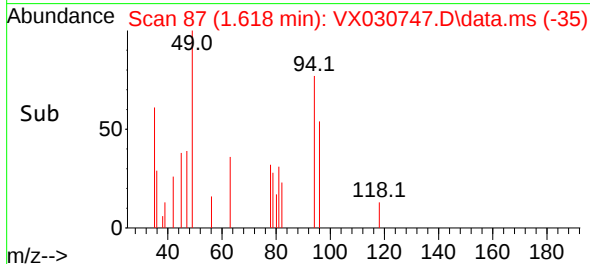
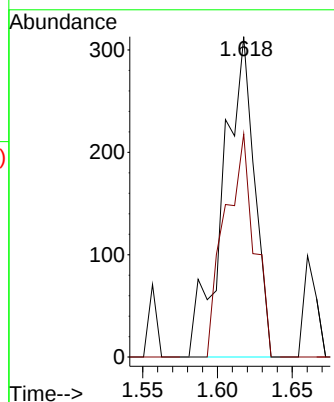
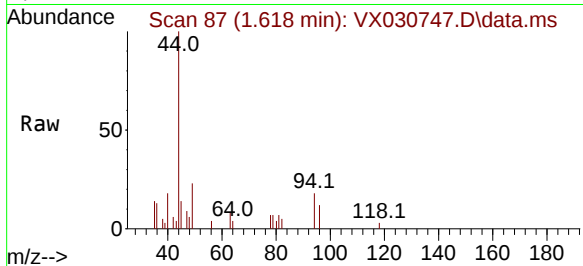




#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 81
Delta R.T. 0.019 min
Lab File: VX030747.D
Acq: 23 Aug 2022 21:33

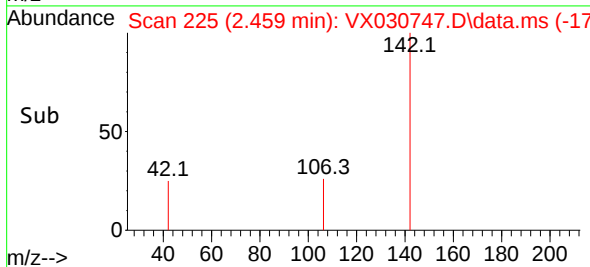
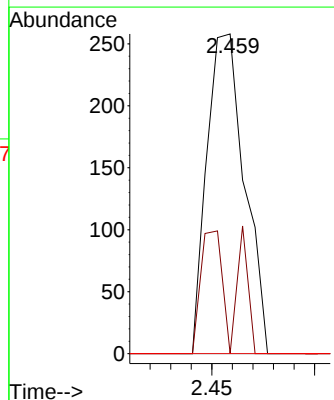
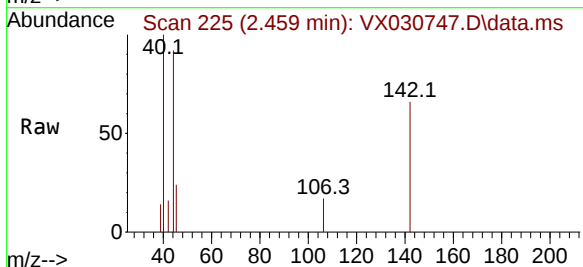
Instrument :
MSVOA_X
ClientSampleId :
VX0823WBL02

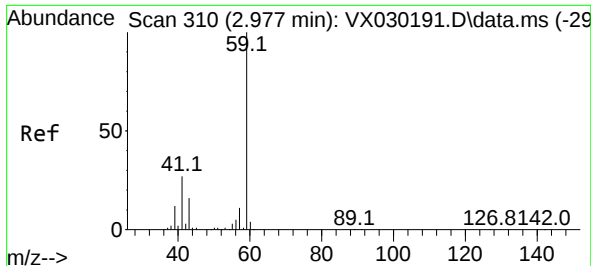
Tgt Ion: 94 Resp: 456
Ion Ratio Lower Upper
94 100
96 69.6 76.9 115.3#



#10
Methyl Iodide
Concen: 1.687 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.013 min
Lab File: VX030747.D
Acq: 23 Aug 2022 21:33

Tgt Ion: 142 Resp: 329
Ion Ratio Lower Upper
142 100
127 33.1 30.2 45.2
141 0.0 11.3 16.9#

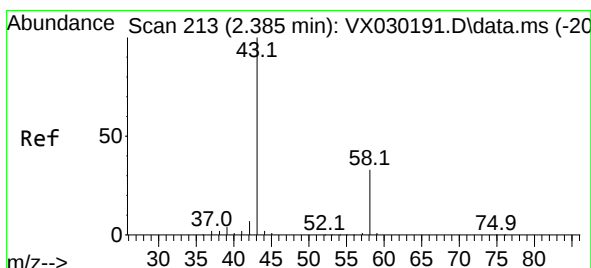
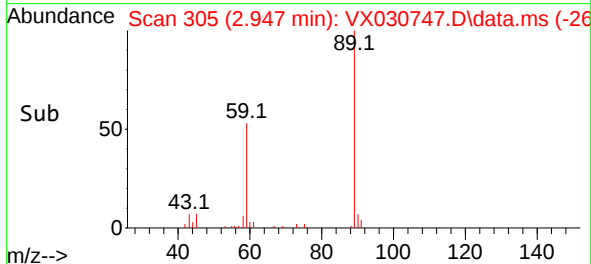
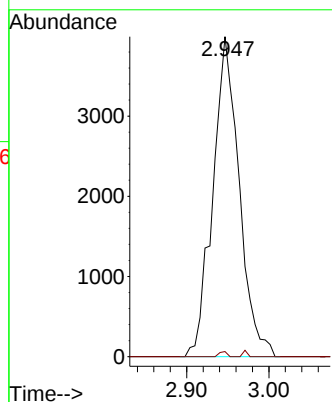
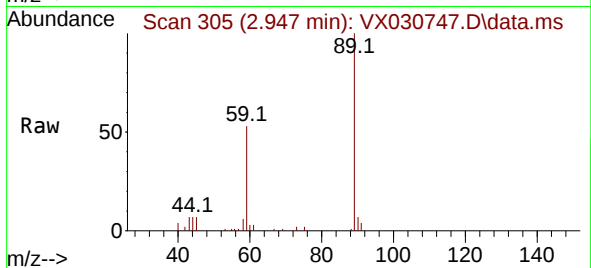




#11
Tert butyl alcohol
Concen: 14.390 ug/l
RT: 2.947 min Scan# 30
Delta R.T. -0.030 min
Lab File: VX030747.D
Acq: 23 Aug 2022 21:33

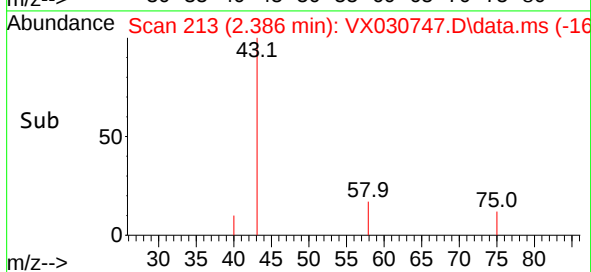
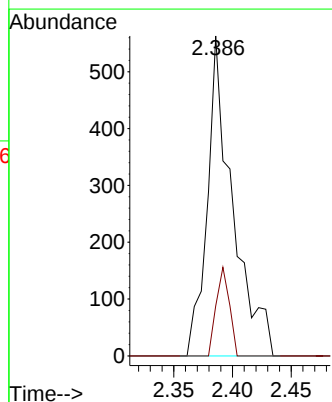
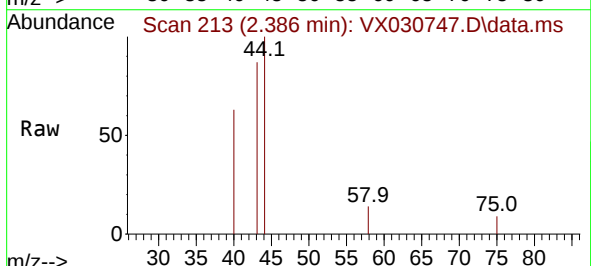
Instrument :
MSVOA_X
ClientSampleId :
VX0823WBL02

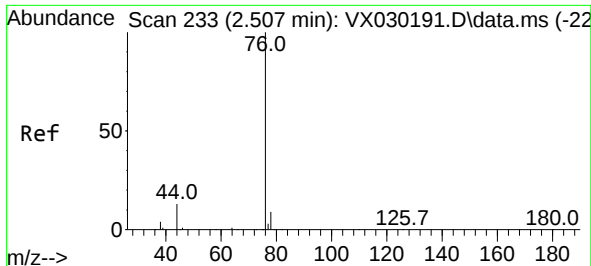
Tgt Ion: 59 Resp: 8902
Ion Ratio Lower Upper
59 100
57 0.5 7.4 11.2#



#16
Acetone
Concen: 0.648 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.001 min
Lab File: VX030747.D
Acq: 23 Aug 2022 21:33

Tgt Ion: 43 Resp: 841
Ion Ratio Lower Upper
43 100
58 15.6 27.7 41.5#

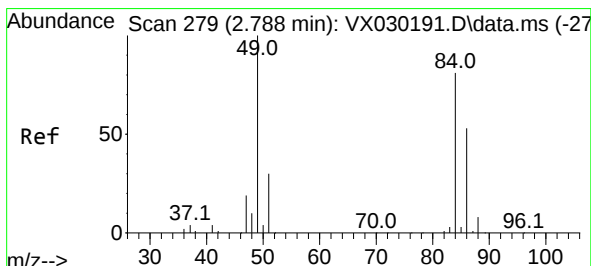
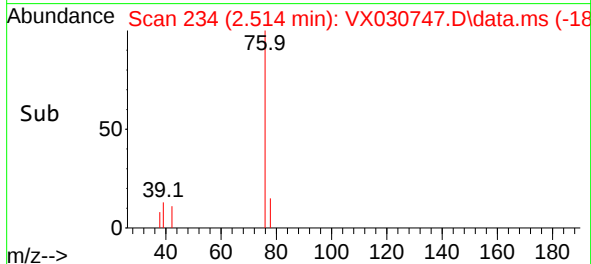
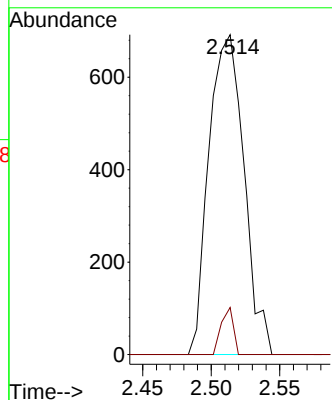
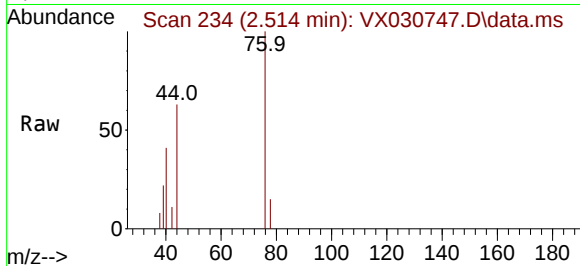




#17
Carbon Disulfide
Concen: 0.232 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.007 min
Lab File: VX030747.D
Acq: 23 Aug 2022 21:33

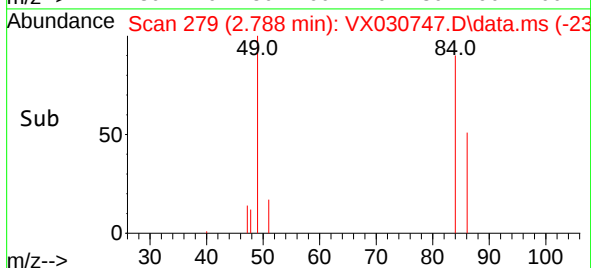
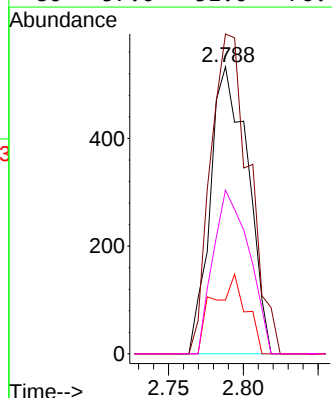
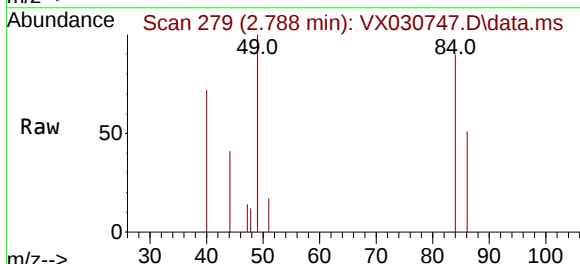
Instrument :
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ClientSampleId :
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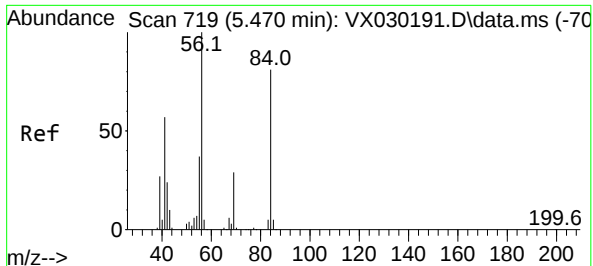
Tgt Ion: 76 Resp: 1235
Ion Ratio Lower Upper
76 100
78 14.7 7.8 11.6#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX030747.D
Acq: 23 Aug 2022 21:33

Tgt Ion: 84 Resp: 929
Ion Ratio Lower Upper
84 100
49 111.4 93.8 140.6
51 18.8 29.4 44.0#
86 57.0 51.0 76.4

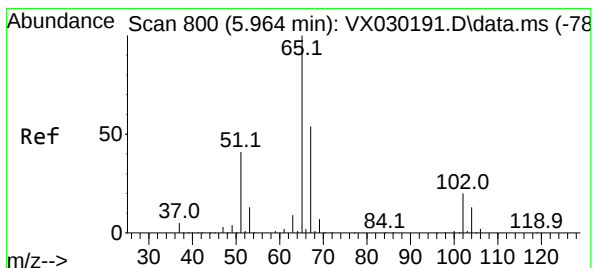
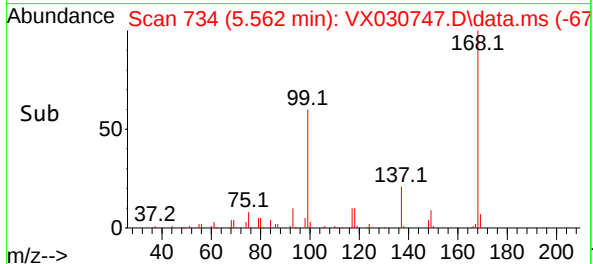
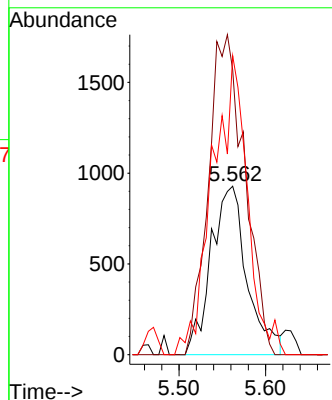
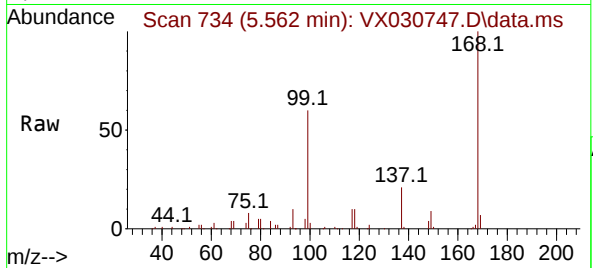




#31
Cyclohexane
Concen: 0.728 ug/l
RT: 5.562 min Scan# 719
Delta R.T. 0.092 min
Lab File: VX030747.D
Acq: 23 Aug 2022 21:33

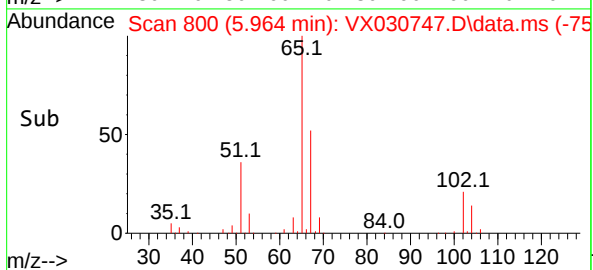
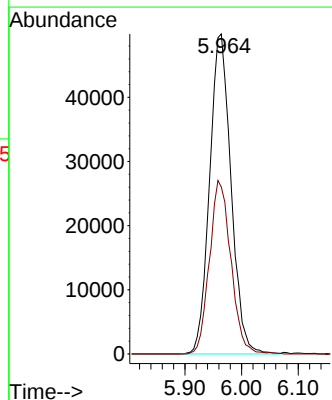
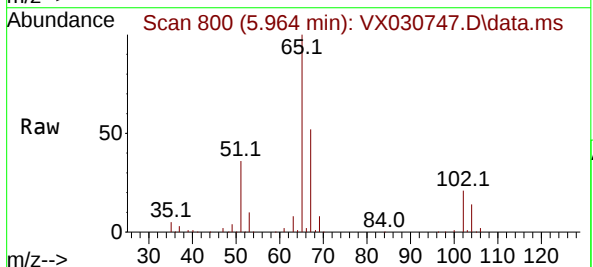
Instrument :
MSVOA_X
ClientSampleId :
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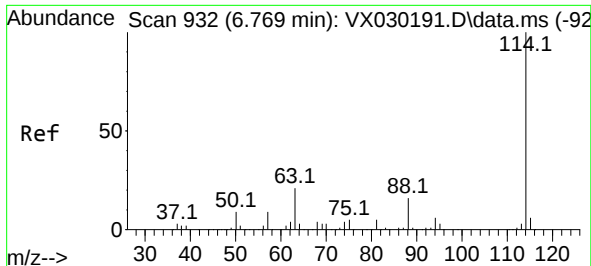
Tgt Ion: 56 Resp: 2679
Ion Ratio Lower Upper
56 100
69 169.2 25.4 38.0#
84 171.1 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 51.569 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX030747.D
Acq: 23 Aug 2022 21:33

Tgt Ion: 65 Resp: 130781
Ion Ratio Lower Upper
65 100
67 54.2 0.0 109.6

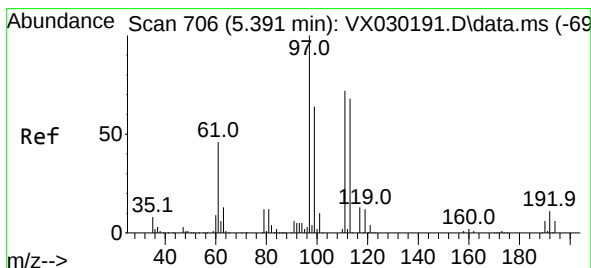
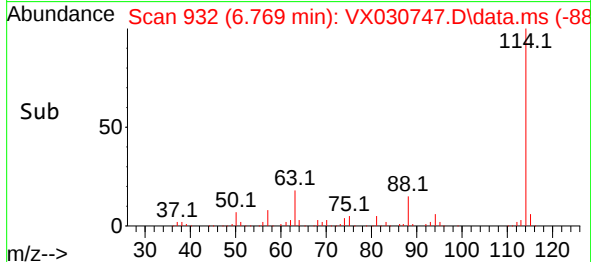
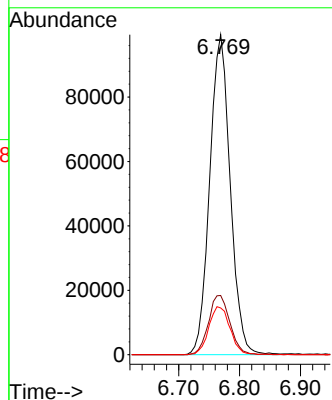
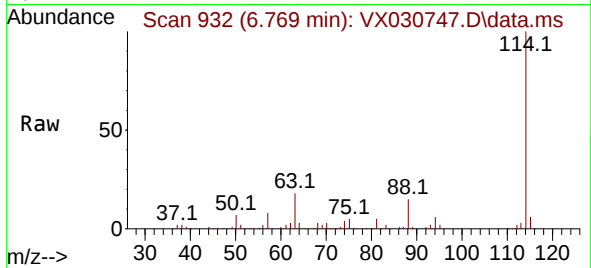




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX030747.D
Acq: 23 Aug 2022 21:33

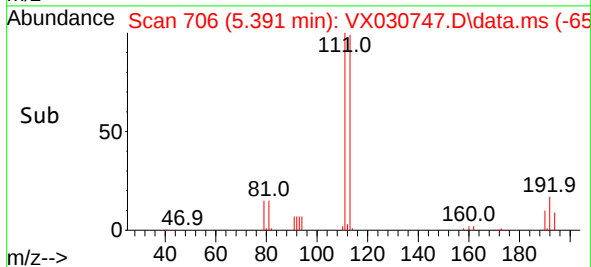
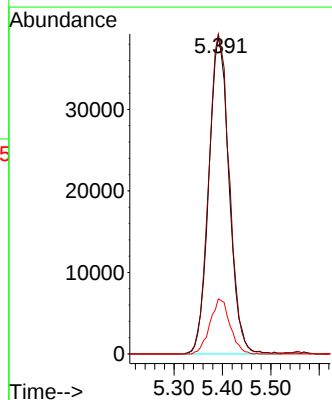
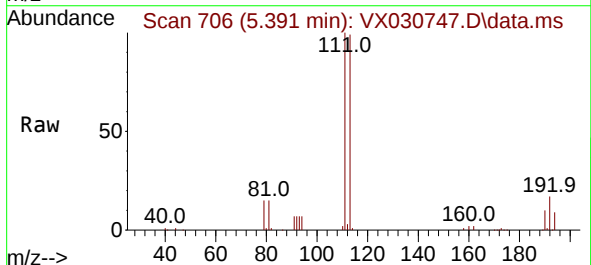
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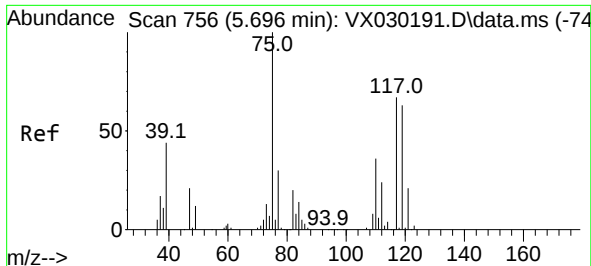
Tgt Ion:114 Resp: 232200
Ion Ratio Lower Upper
114 100
63 18.5 0.0 38.4
88 14.6 0.0 31.8



#35
Dibromofluoromethane
Concen: 51.021 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX030747.D
Acq: 23 Aug 2022 21:33

Tgt Ion:113 Resp: 113251
Ion Ratio Lower Upper
113 100
111 102.7 83.2 124.8
192 17.1 14.8 22.2

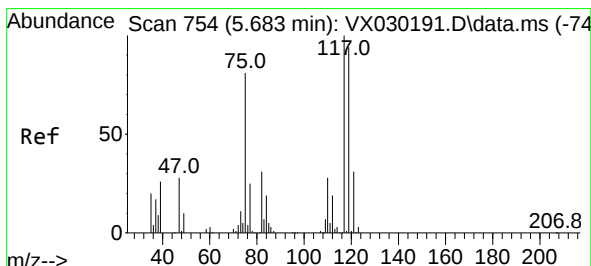
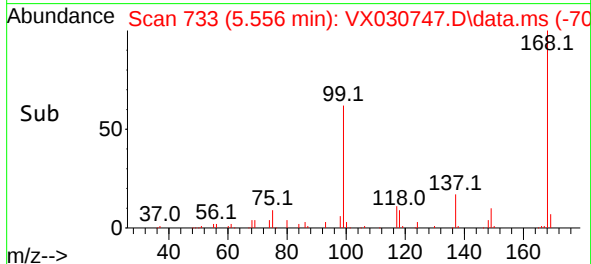
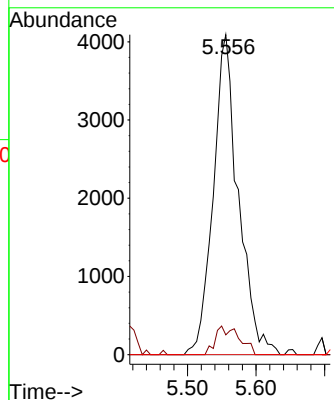
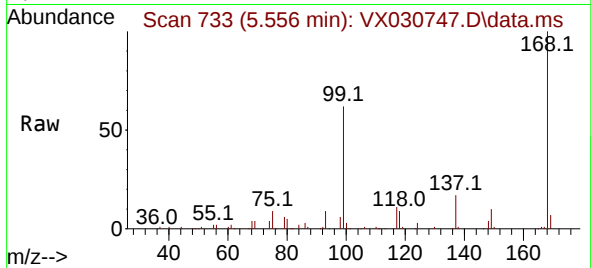




#36
1,1-Dichloropropene
Concen: 3.253 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX030747.D
Acq: 23 Aug 2022 21:33

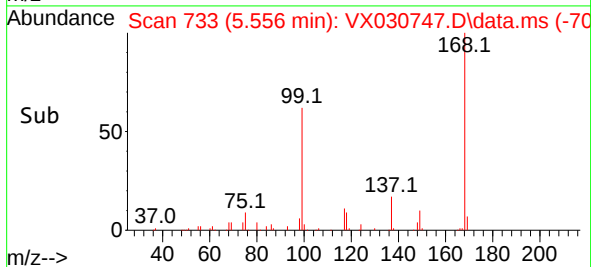
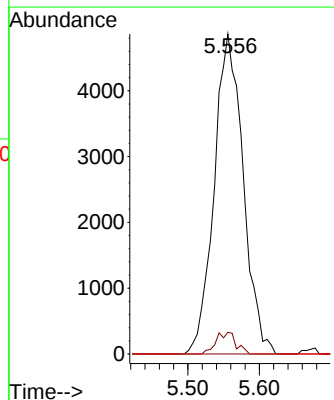
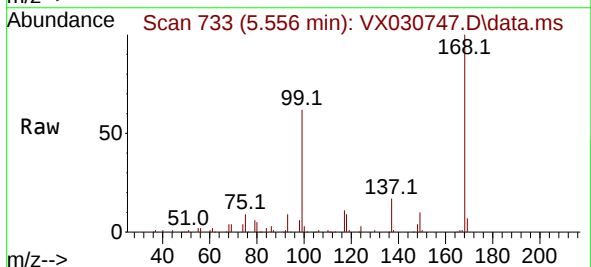
Instrument :
MSVOA_X
ClientSampleId :
VX0823WBL02

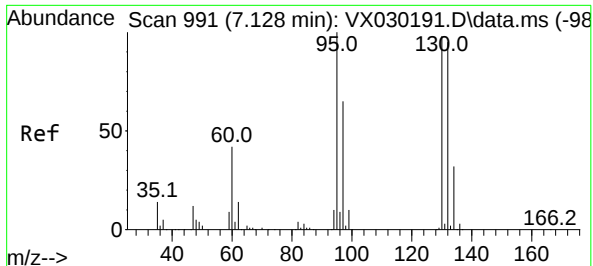
Tgt Ion: 75 Resp: 10393
Ion Ratio Lower Upper
75 100
110 8.4 19.3 57.9#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 4.587 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.127 min
Lab File: VX030747.D
Acq: 23 Aug 2022 21:33

Tgt Ion: 117 Resp: 13678
Ion Ratio Lower Upper
117 100
119 6.7 74.1 111.1#
121 0.0 25.8 38.8#

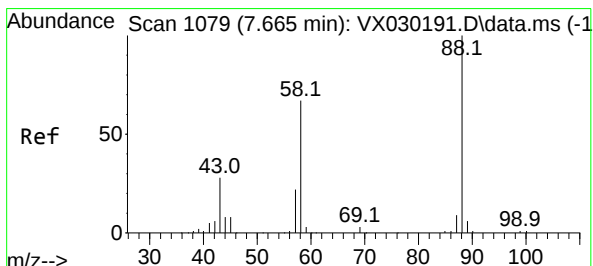
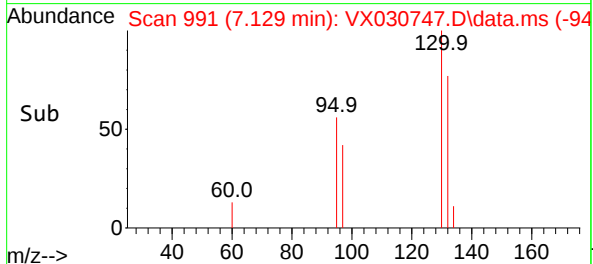
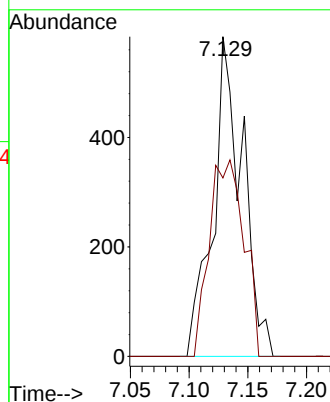
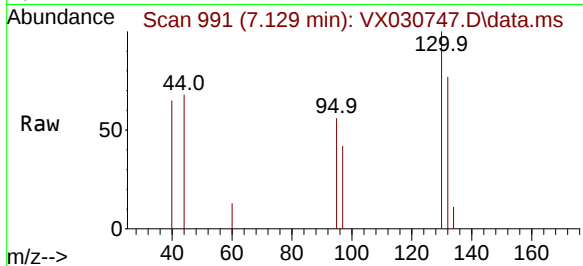




#44
Trichloroethene
Concen: 0.370 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.001 min
Lab File: VX030747.D
Acq: 23 Aug 2022 21:33

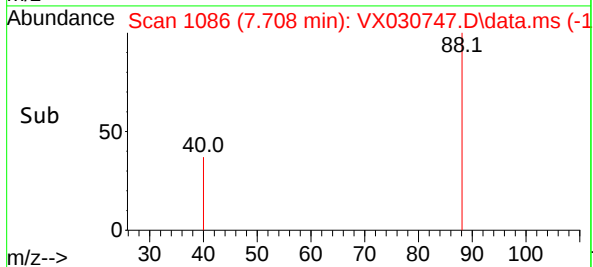
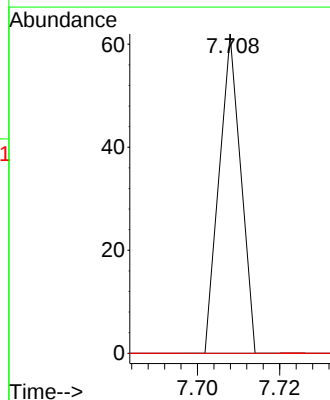
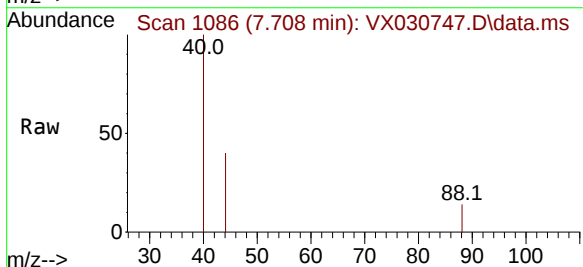
Instrument :
MSVOA_X
ClientSampleId :
VX0823WBL02

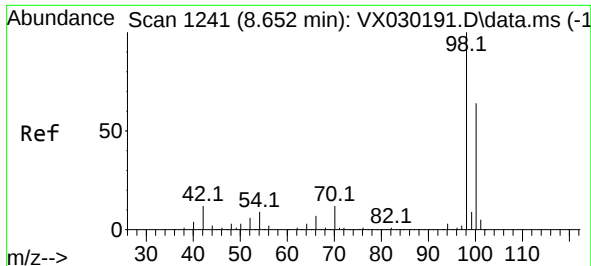
Tgt Ion:130 Resp: 1017
Ion Ratio Lower Upper
130 100
95 55.8 0.0 194.8



#49
1,4-Dioxane
Concen: 0.305 ug/l
RT: 7.708 min Scan# 1086
Delta R.T. 0.043 min
Lab File: VX030747.D
Acq: 23 Aug 2022 21:33

Tgt Ion: 88 Resp: 23
Ion Ratio Lower Upper
88 100
43 0.0 23.8 35.8#
58 0.0 53.8 80.6#

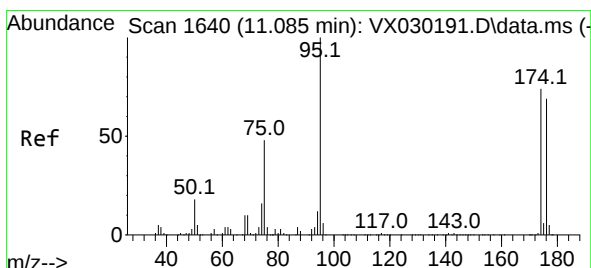
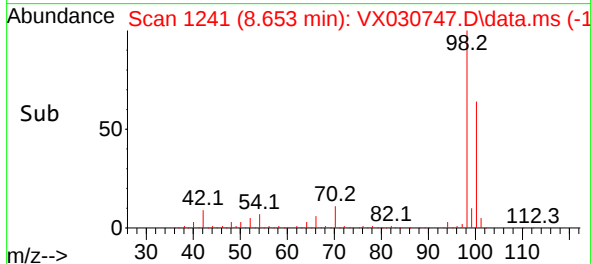
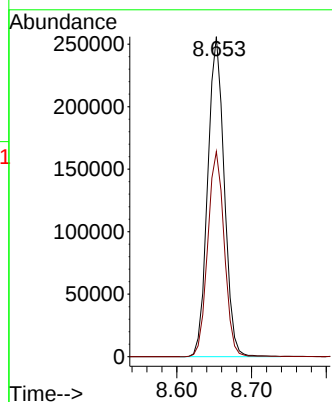
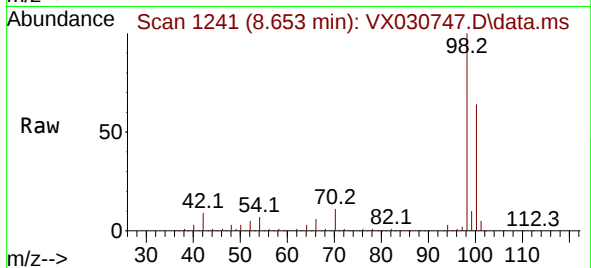




#50
Toluene-d8
Concen: 45.642 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX030747.D
Acq: 23 Aug 2022 21:33

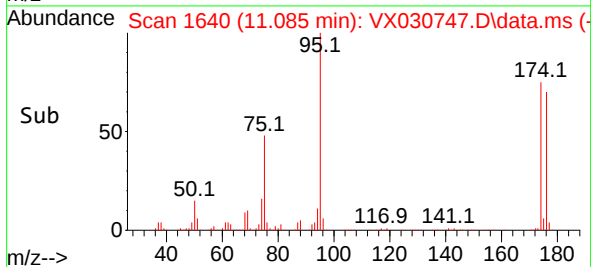
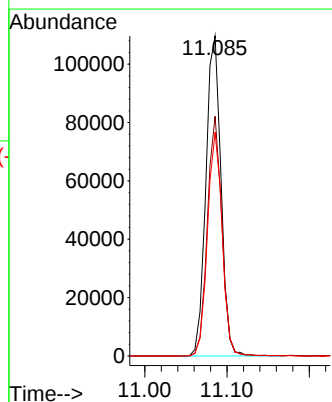
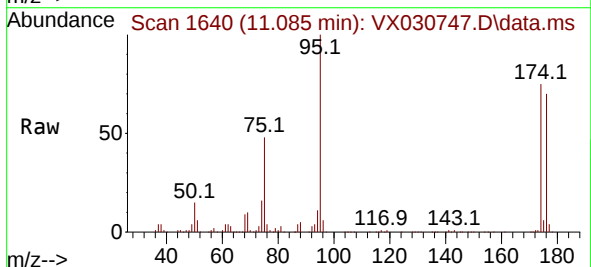
Instrument :
MSVOA_X
ClientSampleId :
VX0823WBL02

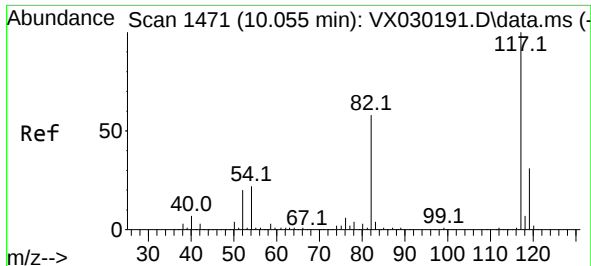
Tgt Ion: 98 Resp: 392348
Ion Ratio Lower Upper
98 100
100 64.3 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 43.738 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX030747.D
Acq: 23 Aug 2022 21:33

Tgt Ion: 95 Resp: 139536
Ion Ratio Lower Upper
95 100
174 72.2 0.0 149.0
176 68.2 0.0 146.0

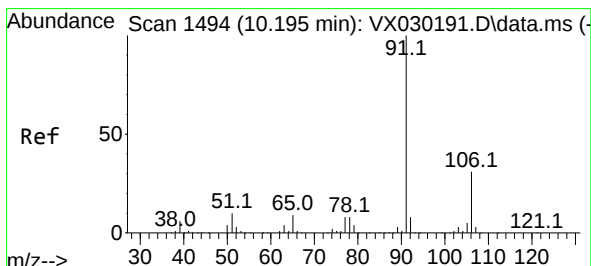
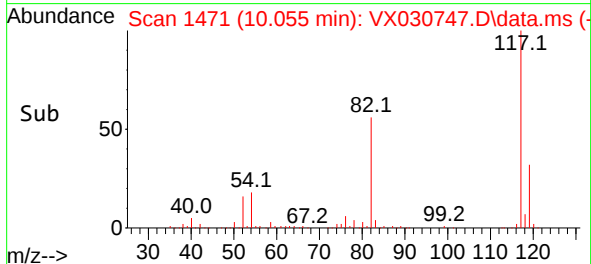
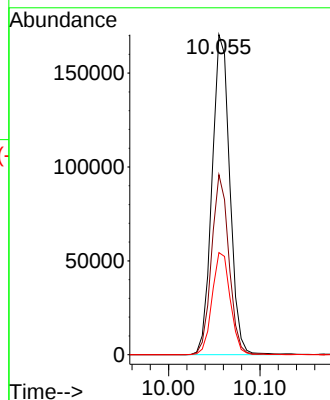
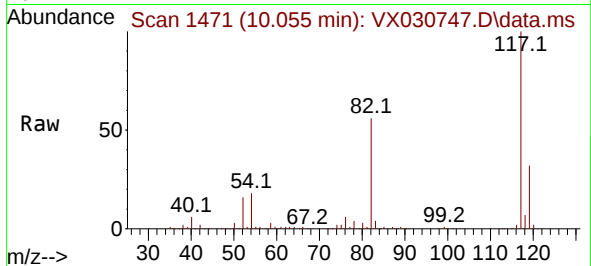




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX030747.D
Acq: 23 Aug 2022 21:33

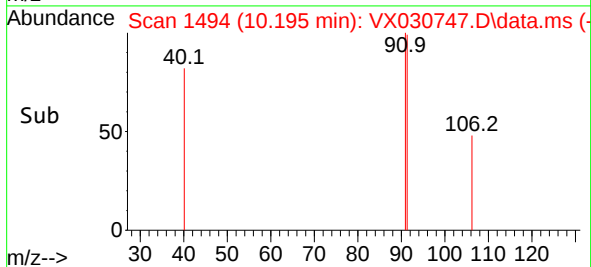
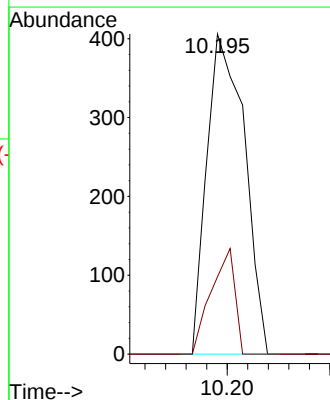
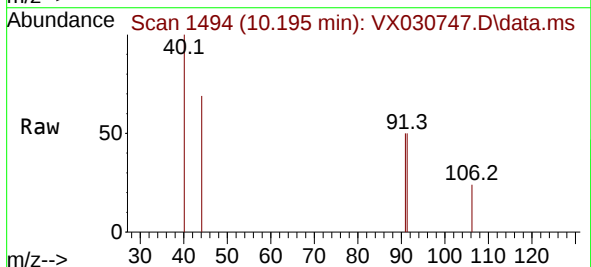
Instrument :
MSVOA_X
ClientSampleId :
VX0823WBL02

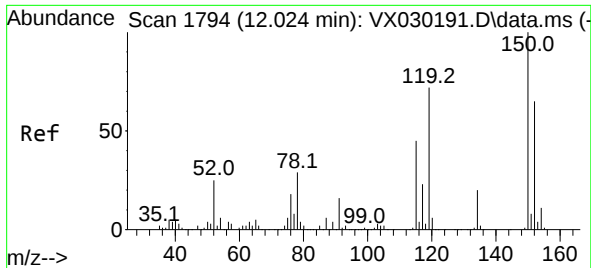
Tgt Ion:117 Resp: 230223
Ion Ratio Lower Upper
117 100
82 56.3 42.7 64.1
119 31.9 25.4 38.2



#67
Ethyl Benzene
Concen: Below Cal
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX030747.D
Acq: 23 Aug 2022 21:33

Tgt Ion: 91 Resp: 515
Ion Ratio Lower Upper
91 100
106 24.1 25.5 38.3#

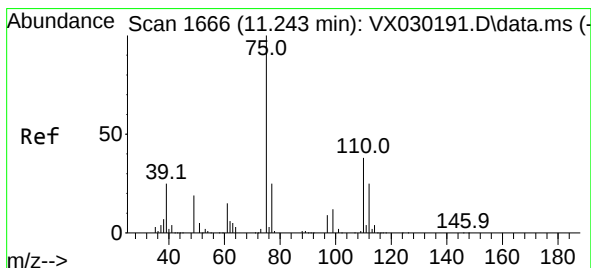
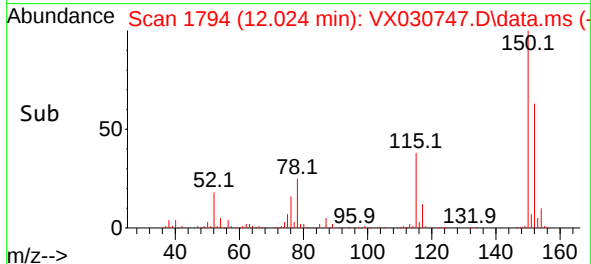
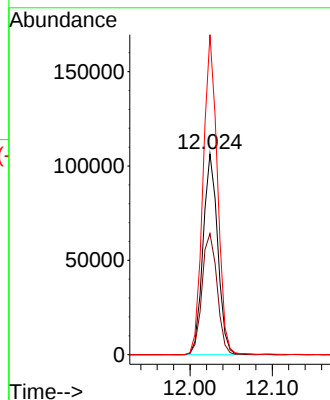
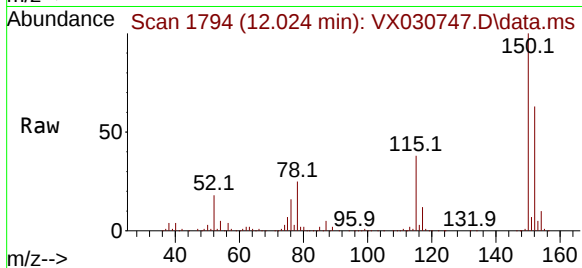




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX030747.D
 Acq: 23 Aug 2022 21:33

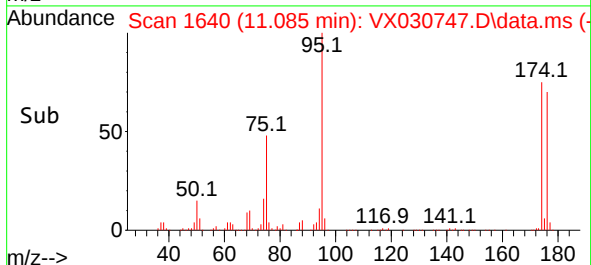
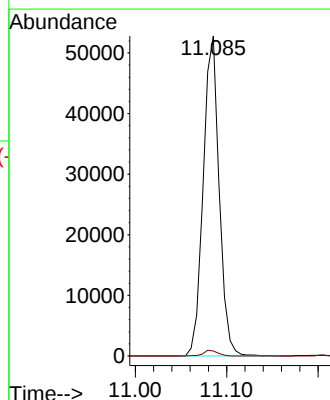
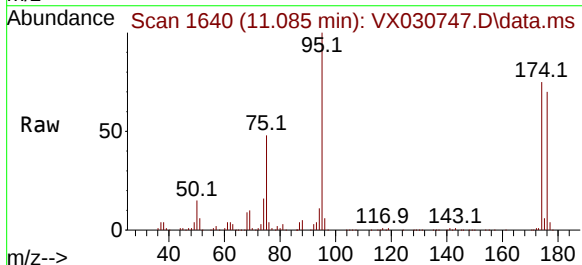
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0823WBL02

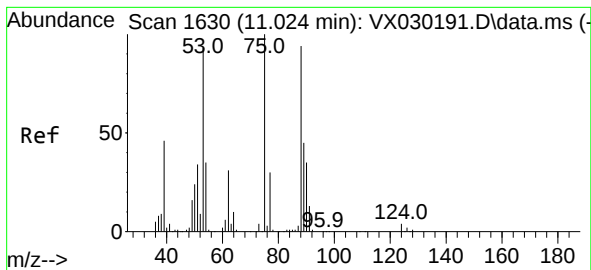
Tgt Ion:152 Resp: 131539
 Ion Ratio Lower Upper
 152 100
 115 62.5 40.5 121.5
 150 156.2 0.0 347.0



#76
 1,2,3-Trichloropropane
 Concen: 18.407 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.158 min
 Lab File: VX030747.D
 Acq: 23 Aug 2022 21:33

Tgt Ion: 75 Resp: 63821
 Ion Ratio Lower Upper
 75 100
 77 1.6 19.8 59.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 55.218 ug/l
 RT: 11.085 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX030747.D
 Acq: 23 Aug 2022 21:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0823WBL02

Tgt Ion: 75 Resp: 63821
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.2 111.4#
 89 0.1 34.8 52.2#

