

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072722\
 Data File : VX030251.D
 Acq On : 27 Jul 2022 23:40
 Operator : JC/MD
 Sample : N3884-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EB-2022-07-25

Quant Time: Jul 28 05:55:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 25 16:49:17 2022
 Response via : Initial Calibration

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

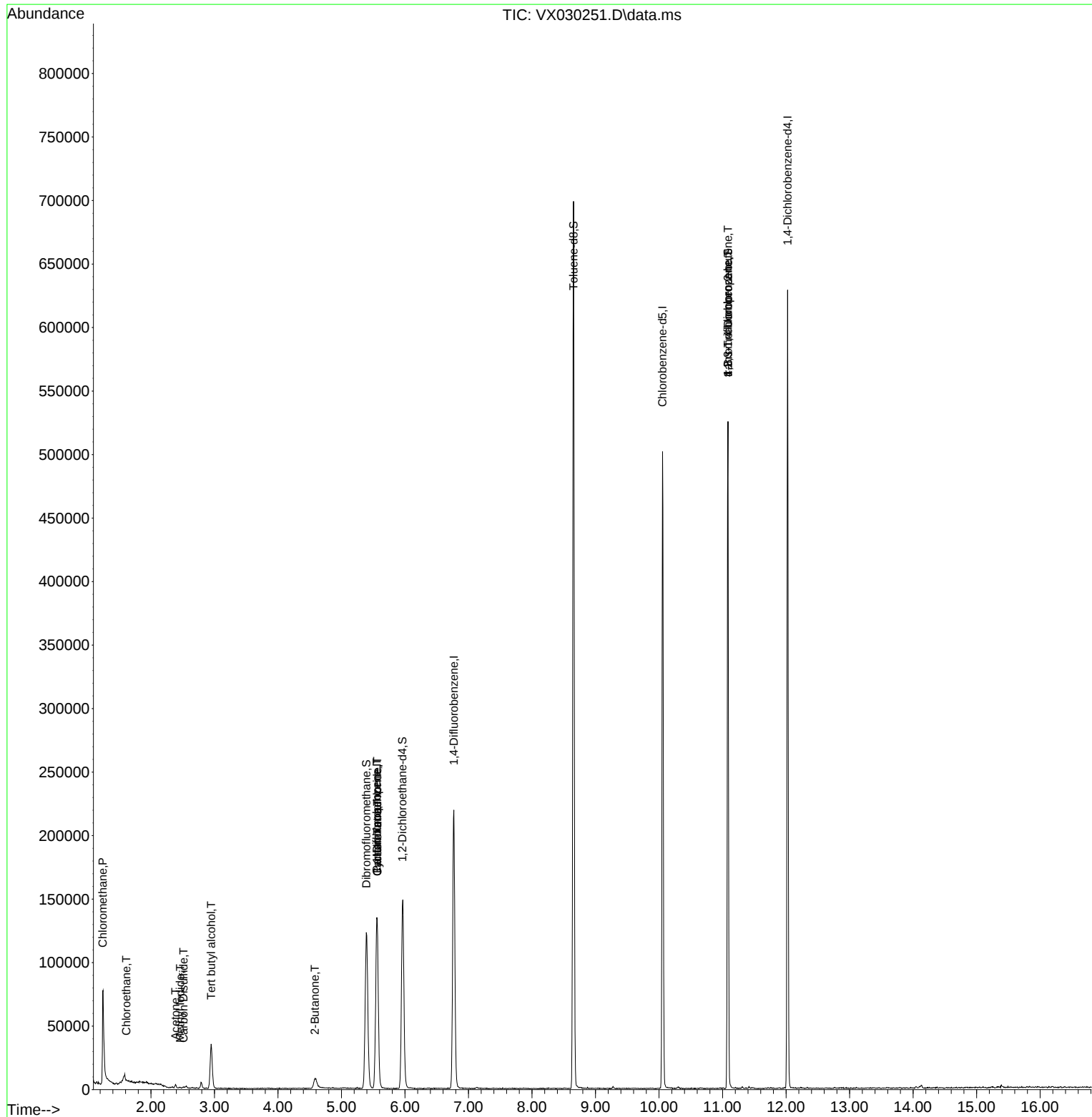
Internal Standards						
1) Pentafluorobenzene	5.556	168	125244	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	220409	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	224574	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	121116	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	138733	55.111	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 110.220%	
35) Dibromofluoromethane	5.391	113	109712	52.070	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.140%	
50) Toluene-d8	8.653	98	403582	49.461	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 98.920%	
62) 4-Bromofluorobenzene	11.085	95	142775	47.148	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 94.300%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	1756	0.864	ug/l #	42
5) Bromomethane	1.605	94	151	Below Cal	#	52
6) Chloroethane	1.611	64	2102	1.785	ug/l #	70
10) Methyl Iodide	2.459	142	677	1.861	ug/l #	91
11) Tert butyl alcohol	2.947	59	21071	34.315	ug/l #	80
16) Acetone	2.386	43	2396	1.859	ug/l #	71
17) Carbon Disulfide	2.514	76	1086	0.206	ug/l #	81
20) Methylene Chloride	2.788	84	1920	Below Cal	#	88
25) 2-Butanone	4.580	43	755	0.349	ug/l #	81
31) Cyclohexane	5.562	56	2809	0.769	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	11216	3.699	ug/l #	49
38) Carbon Tetrachloride	5.562	117	13024	4.601	ug/l #	20
67) Ethyl Benzene	10.201	91	344	Below Cal	#	43
76) 1,2,3-Trichloropropane	11.085	75	70928	22.217	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	70928	66.648	ug/l #	13

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

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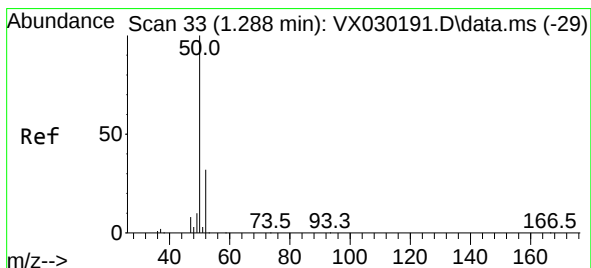
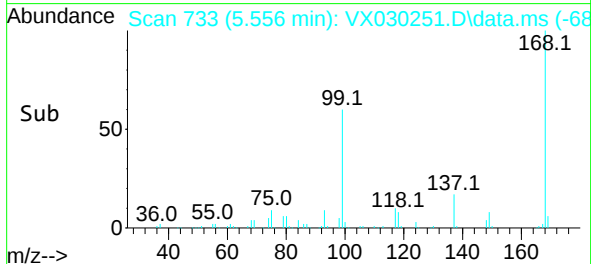
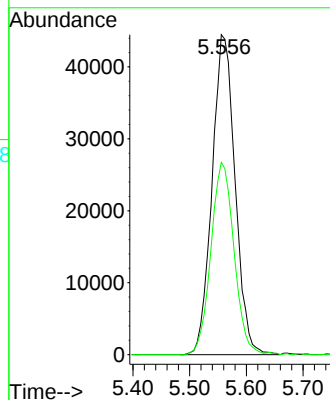
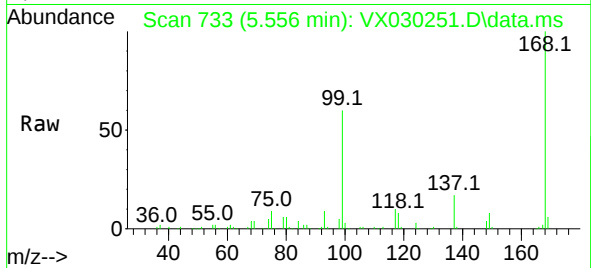




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX030251.D
Acq: 27 Jul 2022 23:40

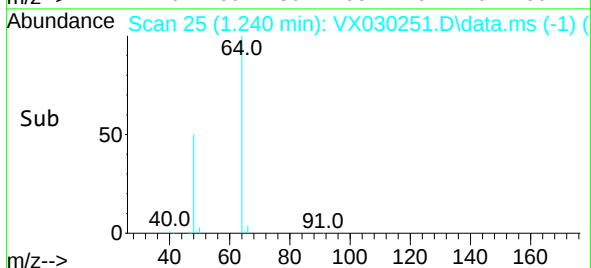
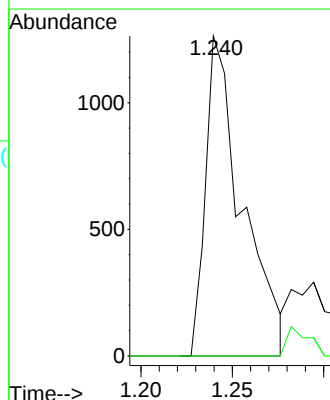
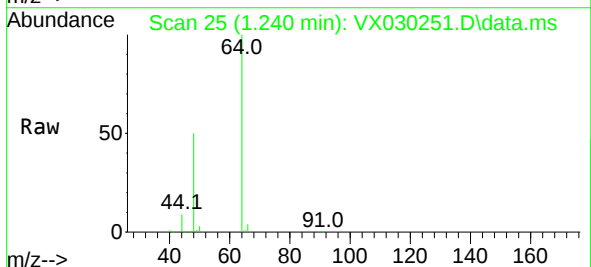
Instrument :
MSVOA_X
ClientSampleId :
EB-2022-07-25

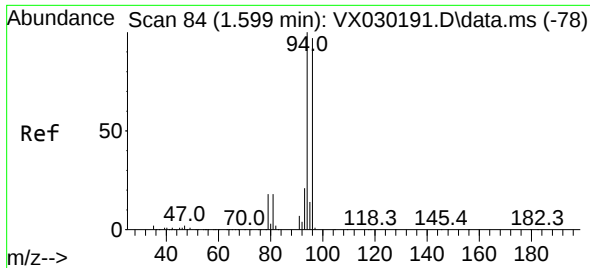
Tgt Ion:168 Resp: 125244
Ion Ratio Lower Upper
168 100
99 60.1 44.0 66.0



#3
Chloromethane
Concen: 0.864 ug/l
RT: 1.240 min Scan# 25
Delta R.T. -0.048 min
Lab File: VX030251.D
Acq: 27 Jul 2022 23:40

Tgt Ion: 50 Resp: 1756
Ion Ratio Lower Upper
50 100
52 0.0 26.3 39.5

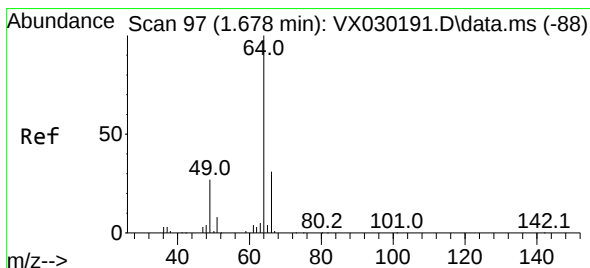
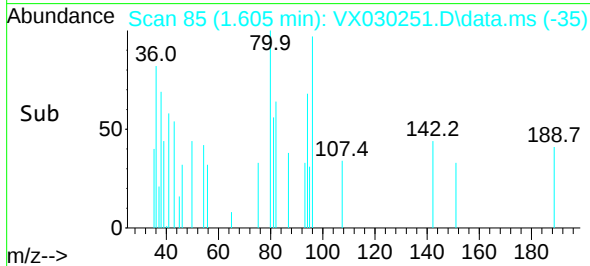
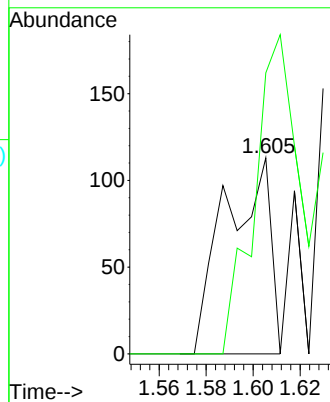
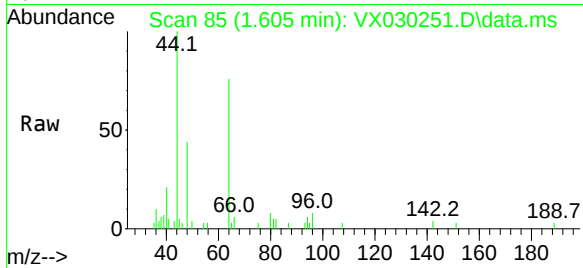




#5
Bromomethane
Concen: Below Cal
RT: 1.605 min Scan# 81
Delta R.T. 0.006 min
Lab File: VX030251.D
Acq: 27 Jul 2022 23:40

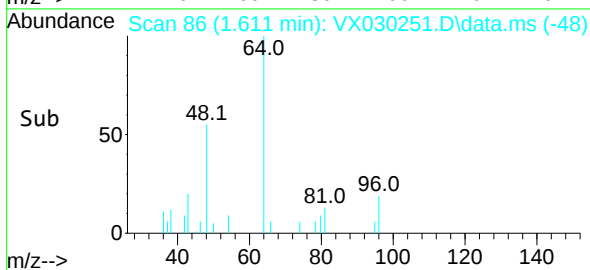
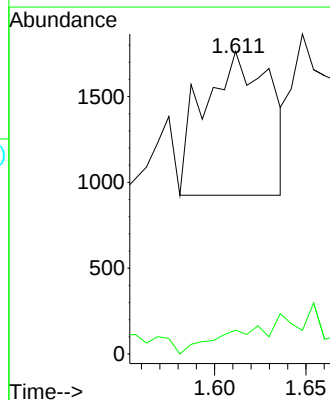
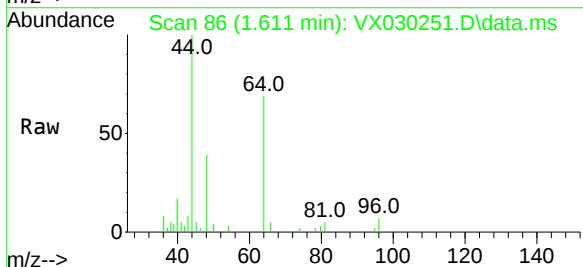
Instrument :
MSVOA_X
ClientSampleId :
EB-2022-07-25

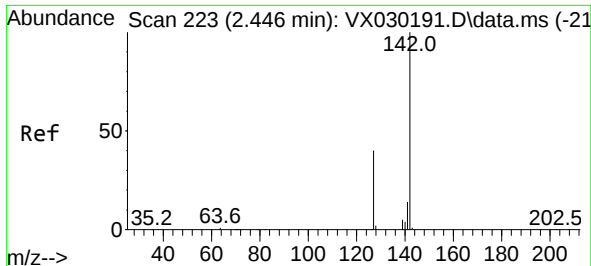
Tgt Ion: 94 Resp: 151
Ion Ratio Lower Upper
94 100
96 143.4 76.9 115.3#



#6
Chloroethane
Concen: 1.785 ug/l
RT: 1.611 min Scan# 86
Delta R.T. -0.067 min
Lab File: VX030251.D
Acq: 27 Jul 2022 23:40

Tgt Ion: 64 Resp: 2102
Ion Ratio Lower Upper
64 100
66 16.6 27.2 40.8#

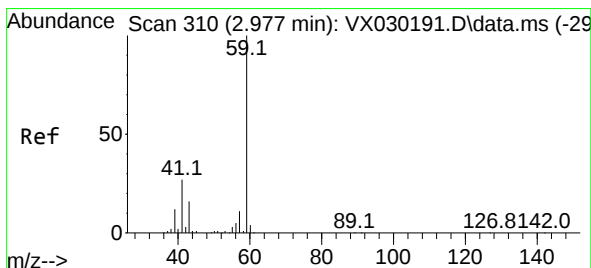
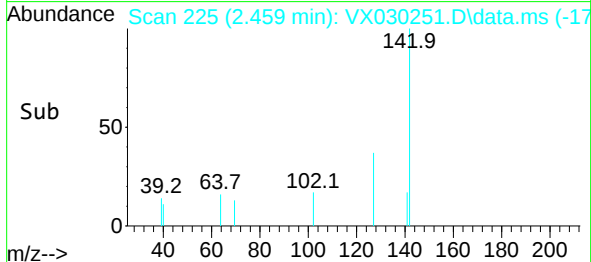
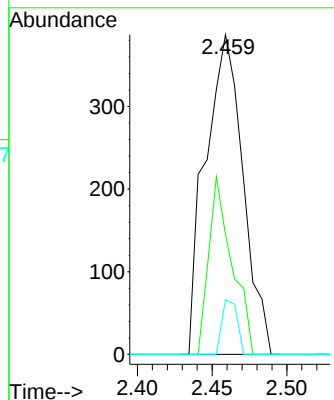
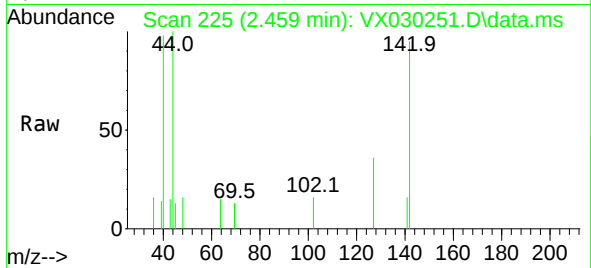




#10
Methyl Iodide
Concen: 1.861 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.013 min
Lab File: VX030251.D
Acq: 27 Jul 2022 23:40

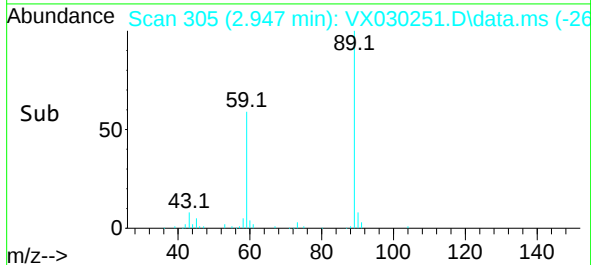
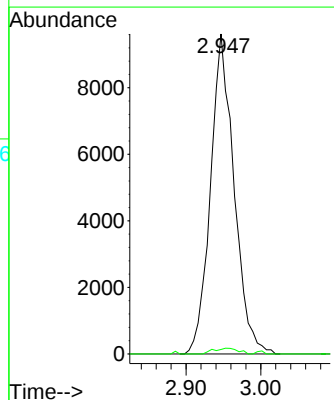
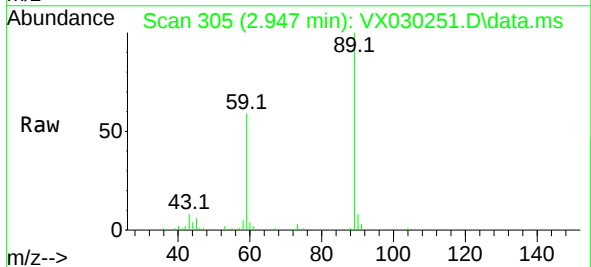
Instrument :
MSVOA_X
ClientSampleId :
EB-2022-07-25

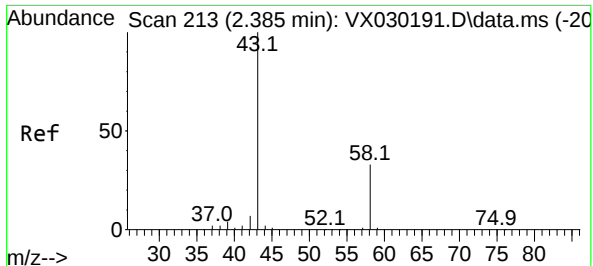
Tgt Ion:142 Resp: 677
Ion Ratio Lower Upper
142 100
127 34.3 30.2 45.2
141 6.8 11.3 16.9#



#11
Tert butyl alcohol
Concen: 34.315 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.030 min
Lab File: VX030251.D
Acq: 27 Jul 2022 23:40

Tgt Ion: 59 Resp: 21071
Ion Ratio Lower Upper
59 100
57 1.9 7.4 11.2#

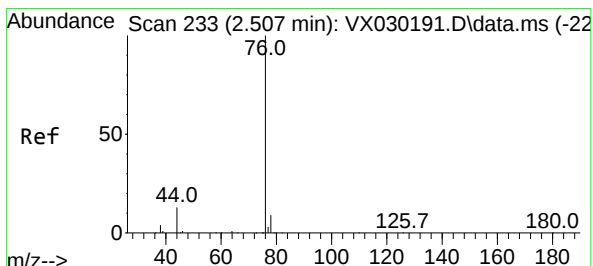
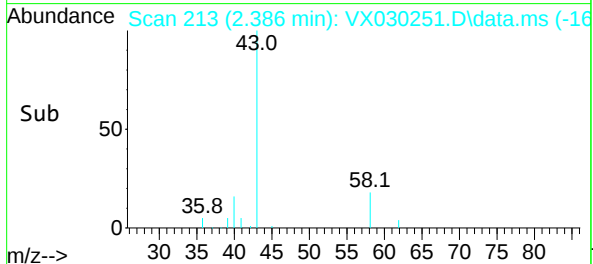
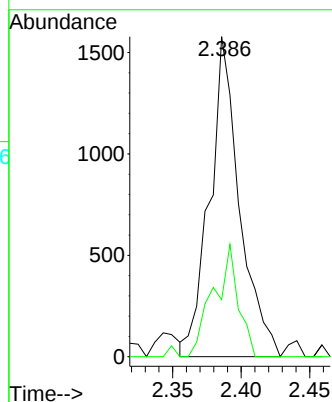
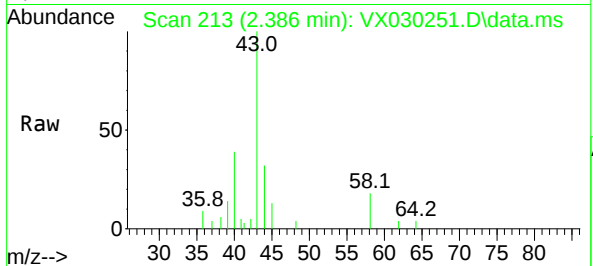




#16
Acetone
Concen: 1.859 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.001 min
Lab File: VX030251.D
Acq: 27 Jul 2022 23:40

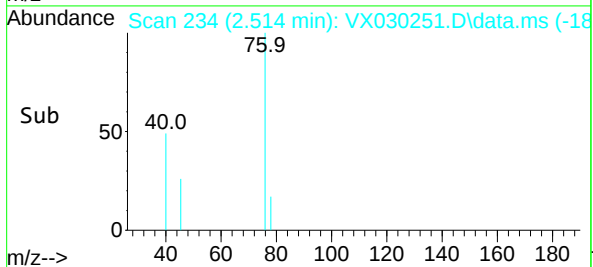
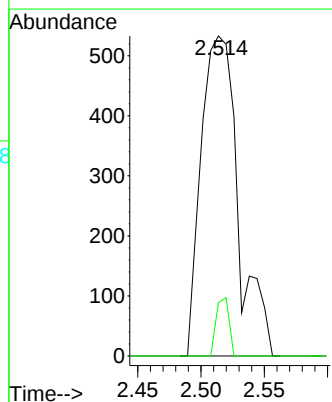
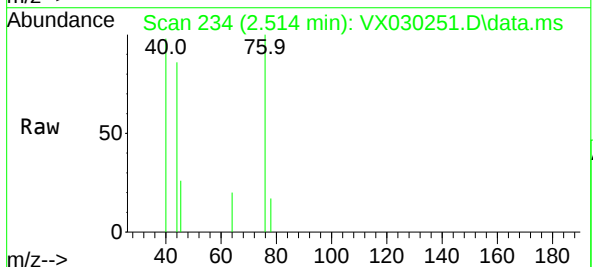
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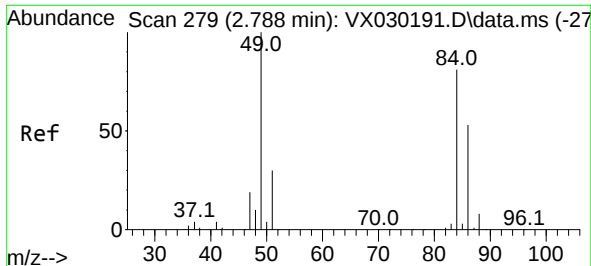
Tgt Ion: 43 Resp: 2396
Ion Ratio Lower Upper
43 100
58 17.8 27.7 41.5#



#17
Carbon Disulfide
Concen: 0.206 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.007 min
Lab File: VX030251.D
Acq: 27 Jul 2022 23:40

Tgt Ion: 76 Resp: 1086
Ion Ratio Lower Upper
76 100
78 16.7 7.8 11.6#

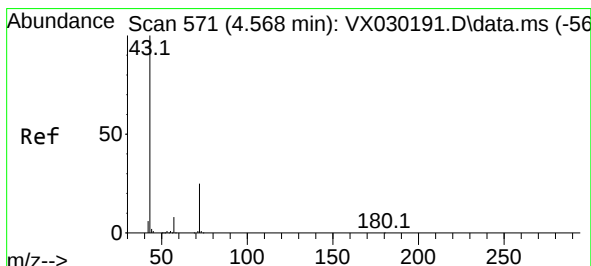
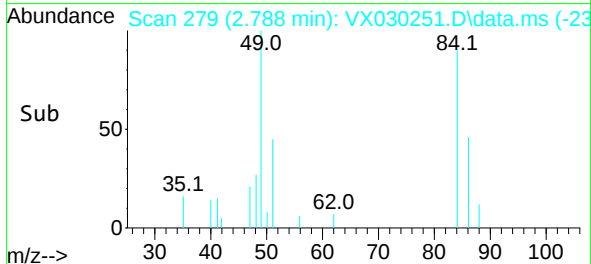
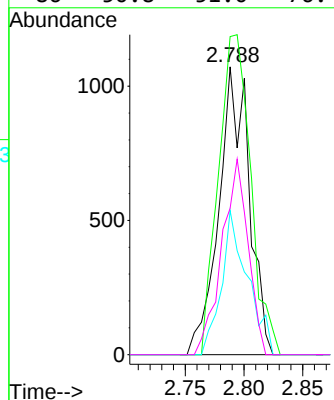
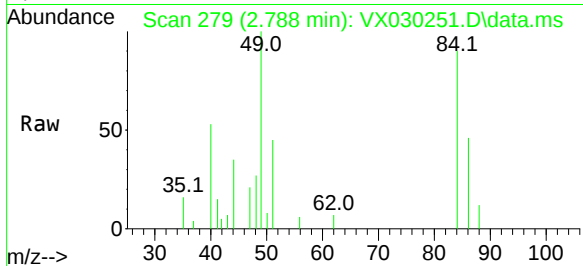




#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX030251.D
Acq: 27 Jul 2022 23:40

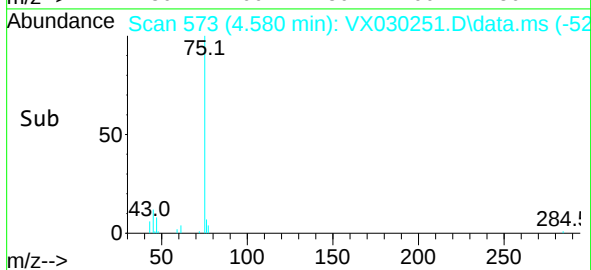
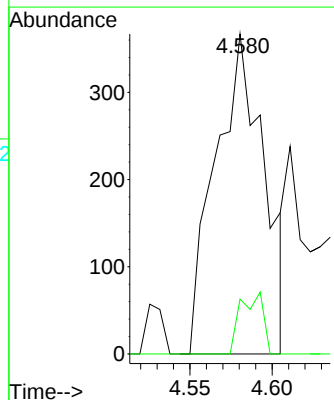
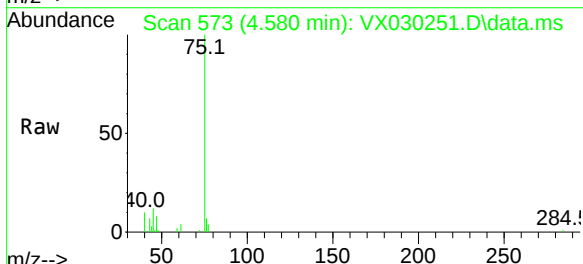
Instrument :
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ClientSampleId :
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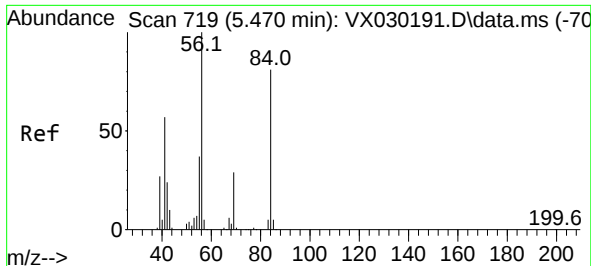
Tgt Ion:	84	Resp:	1920
Ion	Ratio	Lower	Upper
84	100		
49	110.5	93.8	140.6
51	50.1	29.4	44.0#
86	50.8	51.0	76.4#



#25
2-Butanone
Concen: 0.349 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.012 min
Lab File: VX030251.D
Acq: 27 Jul 2022 23:40

Tgt Ion:	43	Resp:	755
Ion	Ratio	Lower	Upper
43	100		
72	17.2	21.7	32.5#

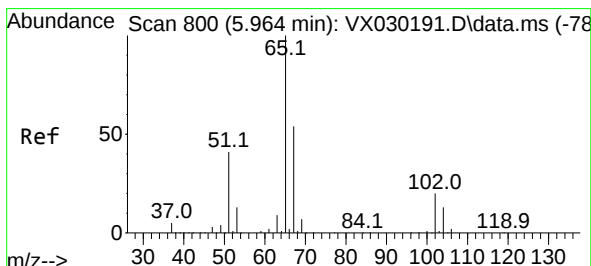
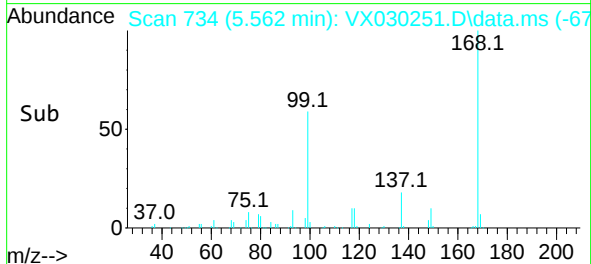
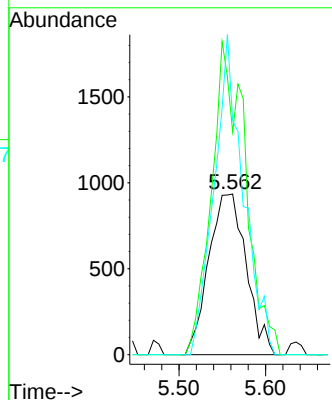
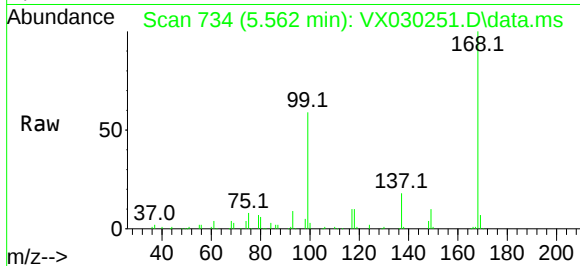




#31
Cyclohexane
Concen: 0.769 ug/l
RT: 5.562 min Scan# 719
Delta R.T. 0.092 min
Lab File: VX030251.D
Acq: 27 Jul 2022 23:40

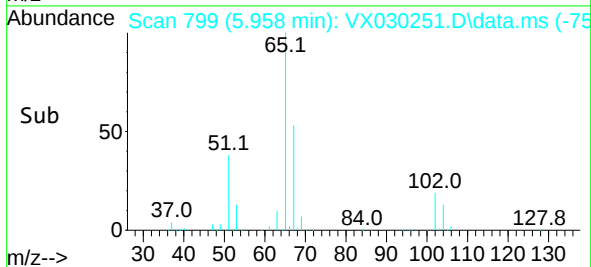
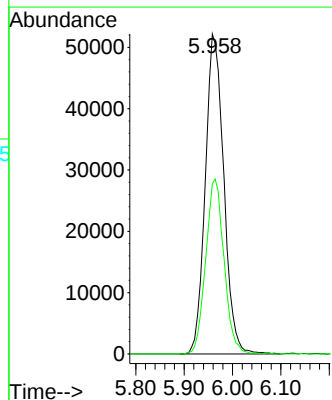
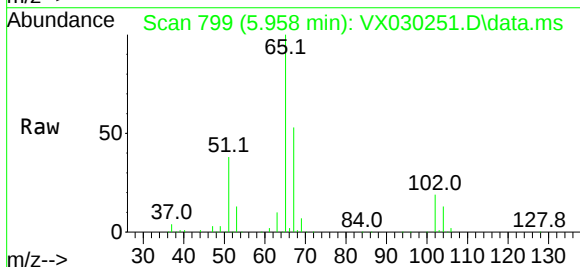
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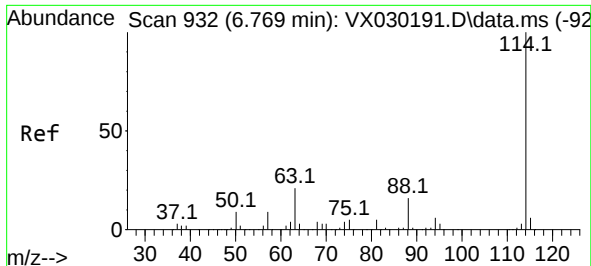
Tgt Ion: 56 Resp: 2809
Ion Ratio Lower Upper
56 100
69 138.6 25.4 38.0#
84 145.5 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 55.111 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX030251.D
Acq: 27 Jul 2022 23:40

Tgt Ion: 65 Resp: 138733
Ion Ratio Lower Upper
65 100
67 54.1 0.0 109.6

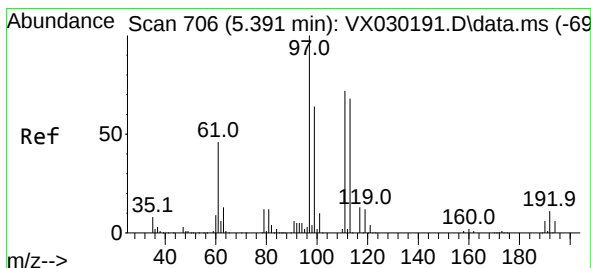
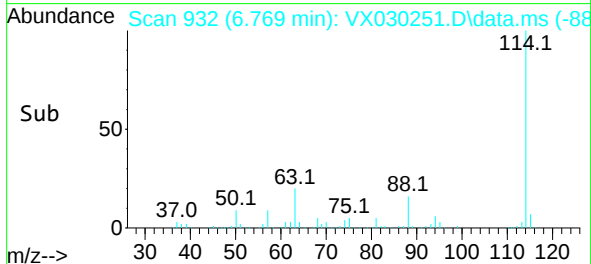
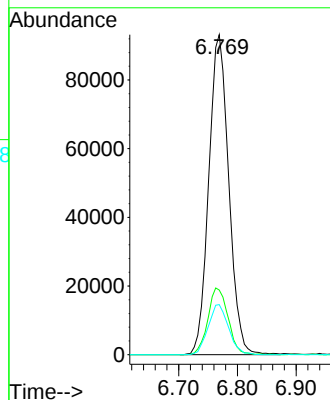
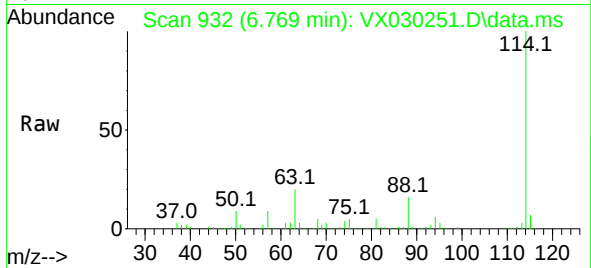




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX030251.D
Acq: 27 Jul 2022 23:40

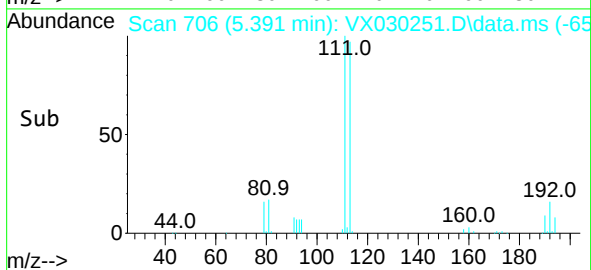
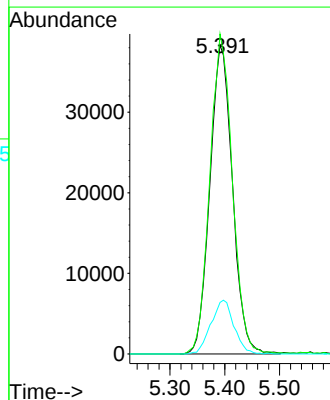
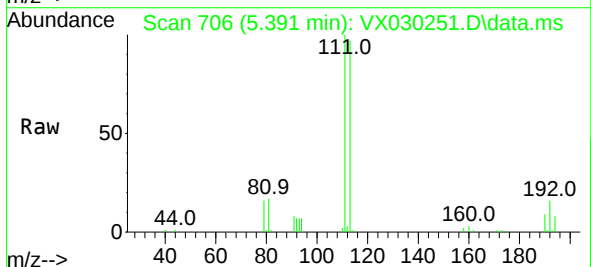
Instrument :
MSVOA_X
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EB-2022-07-25

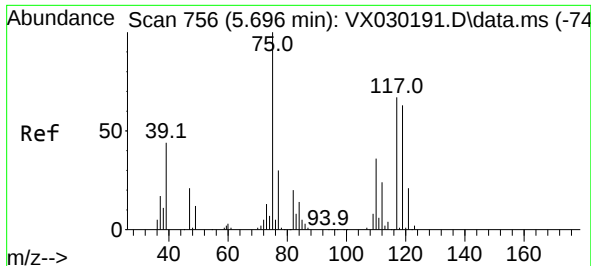
Tgt Ion:114 Resp: 220409
Ion Ratio Lower Upper
114 100
63 20.2 0.0 38.4
88 15.7 0.0 31.8



#35
Dibromofluoromethane
Concen: 52.070 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX030251.D
Acq: 27 Jul 2022 23:40

Tgt Ion:113 Resp: 109712
Ion Ratio Lower Upper
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111 103.5 83.2 124.8
192 17.7 14.8 22.2

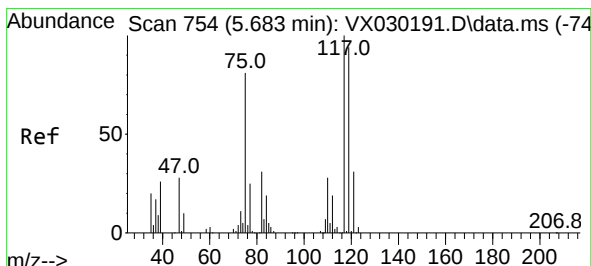
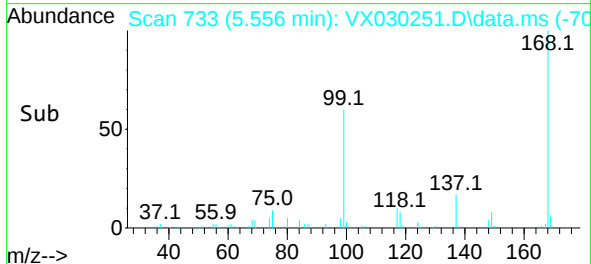
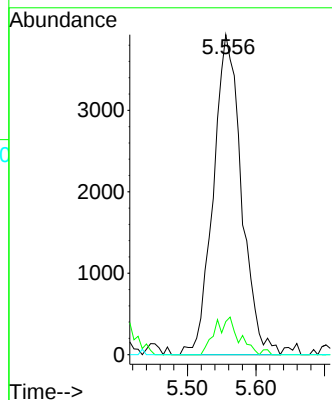
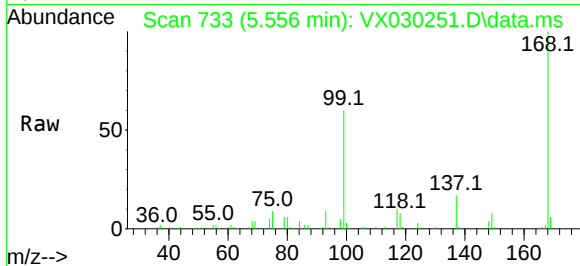




#36
1,1-Dichloropropene
Concen: 3.699 ug/l
RT: 5.556 min Scan# 712
Delta R.T. -0.140 min
Lab File: VX030251.D
Acq: 27 Jul 2022 23:40

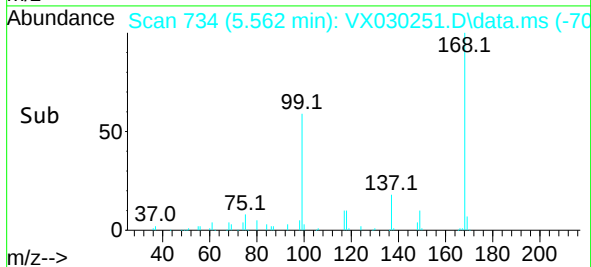
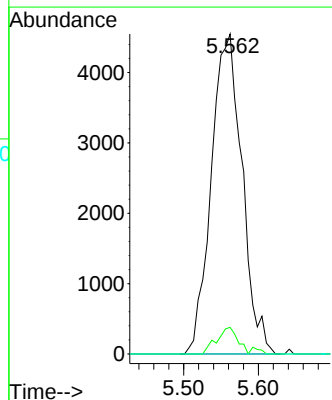
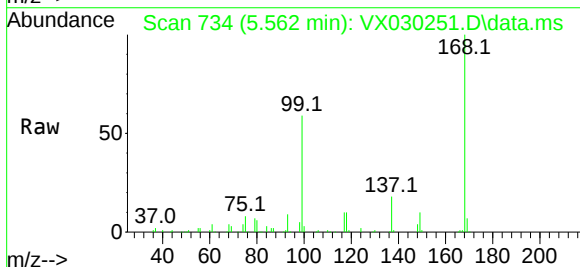
Instrument :
MSVOA_X
ClientSampleId :
EB-2022-07-25

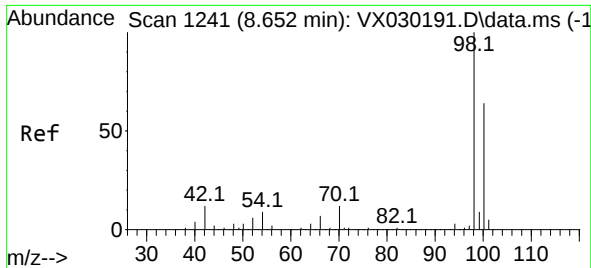
Tgt Ion: 75 Resp: 11216
Ion Ratio Lower Upper
75 100
110 9.9 19.3 57.9#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 4.601 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.121 min
Lab File: VX030251.D
Acq: 27 Jul 2022 23:40

Tgt Ion: 117 Resp: 13024
Ion Ratio Lower Upper
117 100
119 8.3 74.1 111.1#
121 0.0 25.8 38.8#

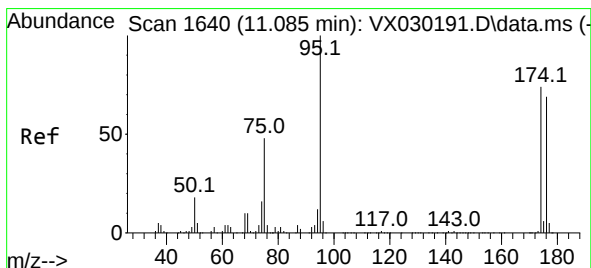
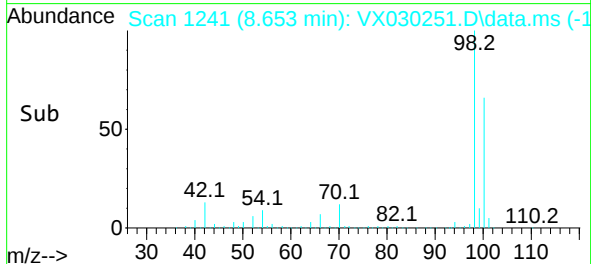
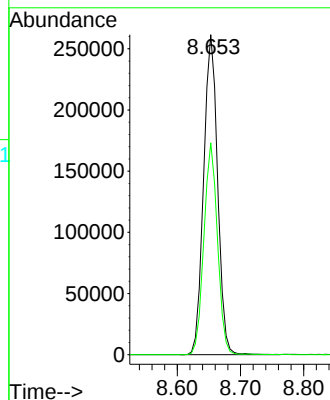
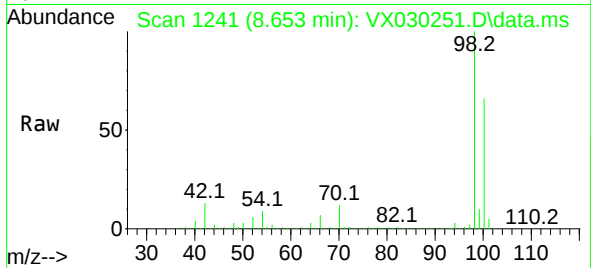




#50
Toluene-d8
Concen: 49.461 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX030251.D
Acq: 27 Jul 2022 23:40

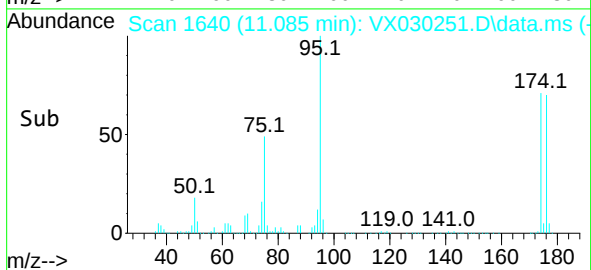
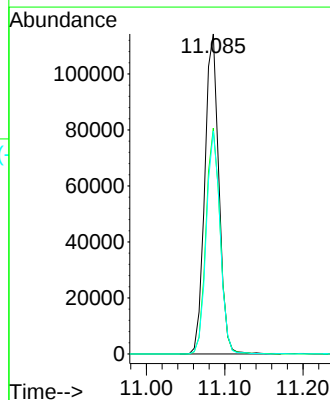
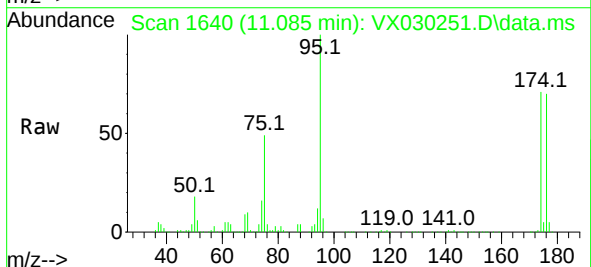
Instrument :
MSVOA_X
ClientSampleId :
EB-2022-07-25

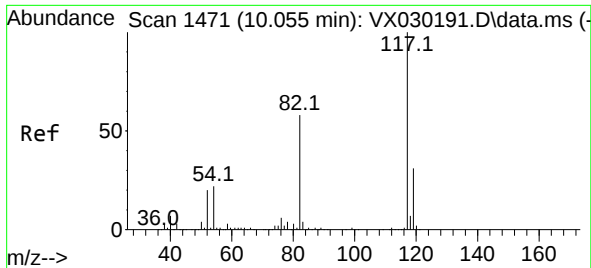
Tgt Ion: 98 Resp: 403582
Ion Ratio Lower Upper
98 100
100 64.4 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 47.148 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX030251.D
Acq: 27 Jul 2022 23:40

Tgt Ion: 95 Resp: 142775
Ion Ratio Lower Upper
95 100
174 70.2 0.0 149.0
176 68.1 0.0 146.0

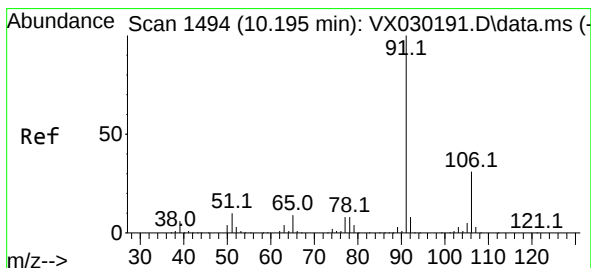
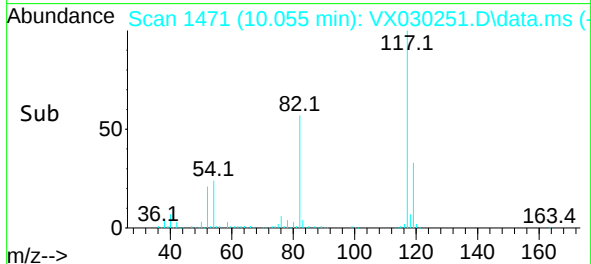
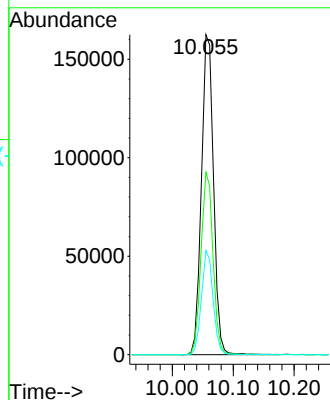
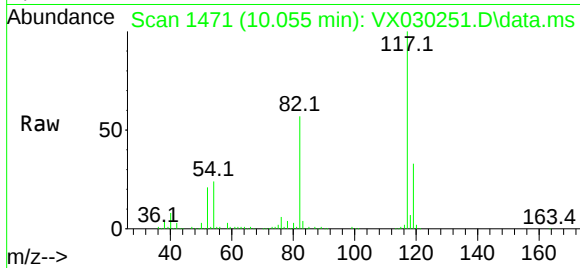




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX030251.D
Acq: 27 Jul 2022 23:40

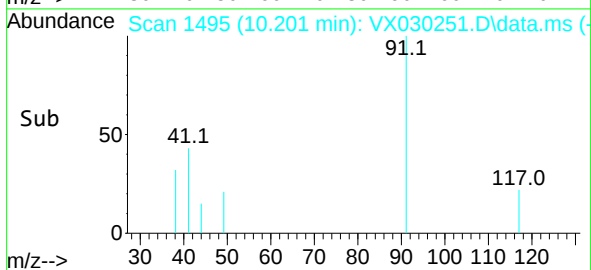
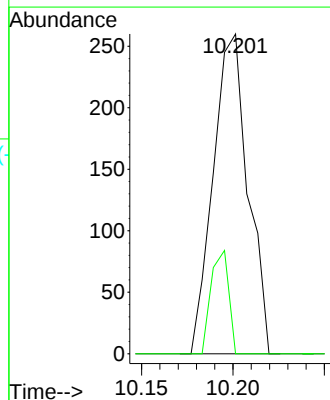
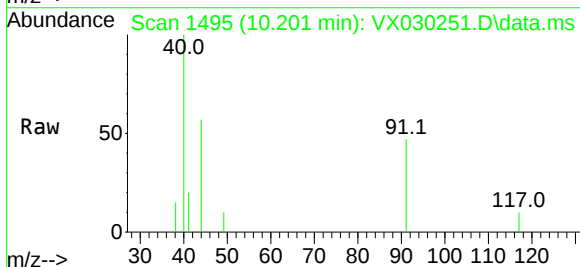
Instrument :
MSVOA_X
ClientSampleId :
EB-2022-07-25

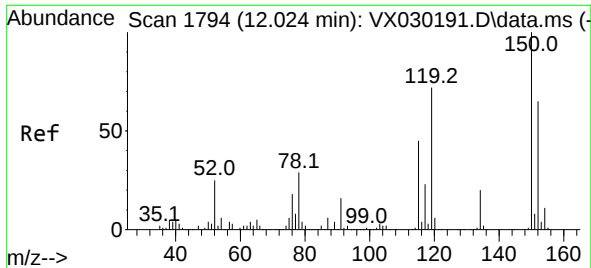
Tgt Ion:117 Resp: 224574
Ion Ratio Lower Upper
117 100
82 57.0 42.7 64.1
119 32.6 25.4 38.2



#67
Ethyl Benzene
Concen: Below Cal
RT: 10.201 min Scan# 1495
Delta R.T. 0.006 min
Lab File: VX030251.D
Acq: 27 Jul 2022 23:40

Tgt Ion: 91 Resp: 344
Ion Ratio Lower Upper
91 100
106 0.0 25.5 38.3#

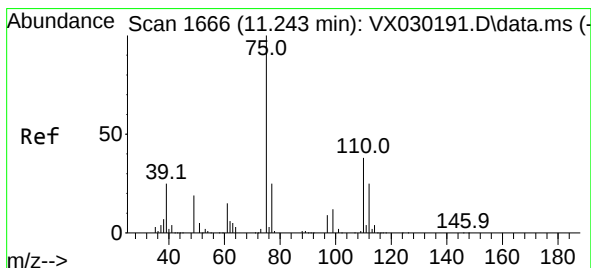
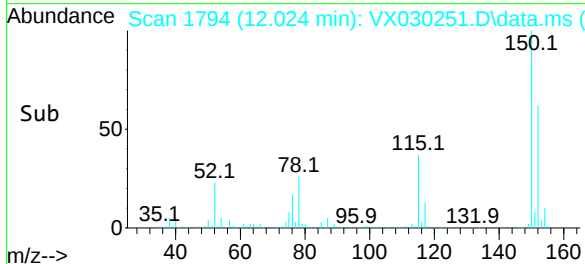
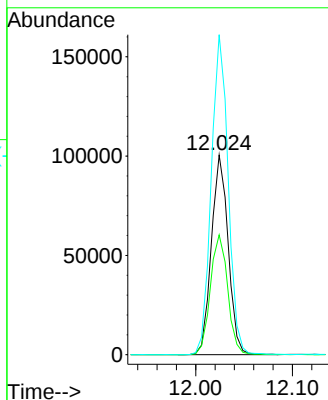
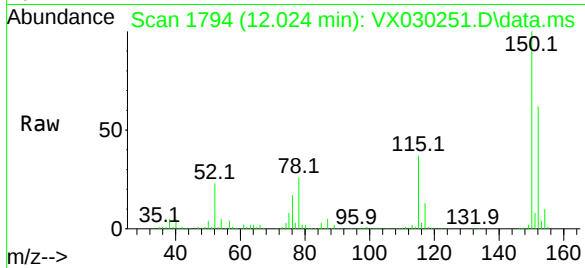




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX030251.D
 Acq: 27 Jul 2022 23:40

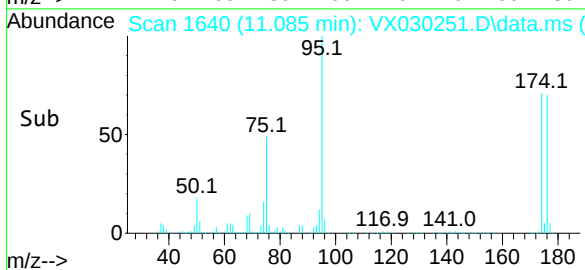
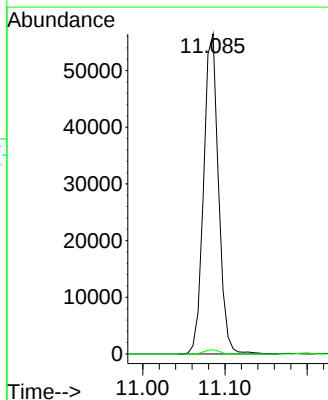
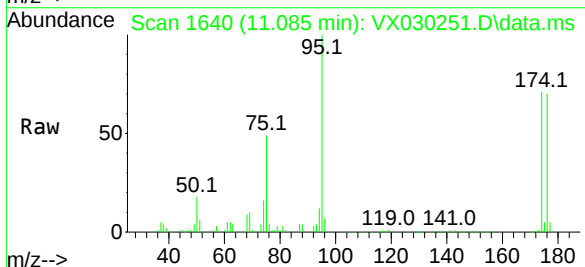
Instrument :
 MSVOA_X
 ClientSampleId :
 EB-2022-07-25

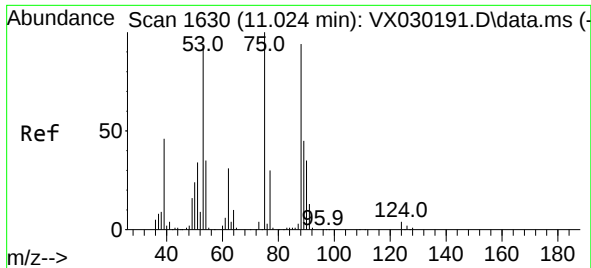
Tgt Ion:152 Resp: 121116
 Ion Ratio Lower Upper
 152 100
 115 62.0 40.5 121.5
 150 161.3 0.0 347.0



#76
 1,2,3-Trichloropropane
 Concen: 22.217 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.158 min
 Lab File: VX030251.D
 Acq: 27 Jul 2022 23:40

Tgt Ion: 75 Resp: 70928
 Ion Ratio Lower Upper
 75 100
 77 1.3 19.8 59.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 66.648 ug/l
 RT: 11.085 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX030251.D
 Acq: 27 Jul 2022 23:40

Instrument :
 MSVOA_X
 ClientSampleId :
 EB-2022-07-25

Tgt Ion: 75 Resp: 70928
 Ion Ratio Lower Upper
 75 100
 53 0.2 74.2 111.4#
 89 0.0 34.8 52.2#

