

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060322\
 Data File : VX029219.D
 Acq On : 04 Jun 2022 02:53
 Operator : JC/MD
 Sample : N3165-15 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 09BR-20220601

Quant Time: Jun 06 02:40:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 01 04:45:42 2022
 Response via : Initial Calibration

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

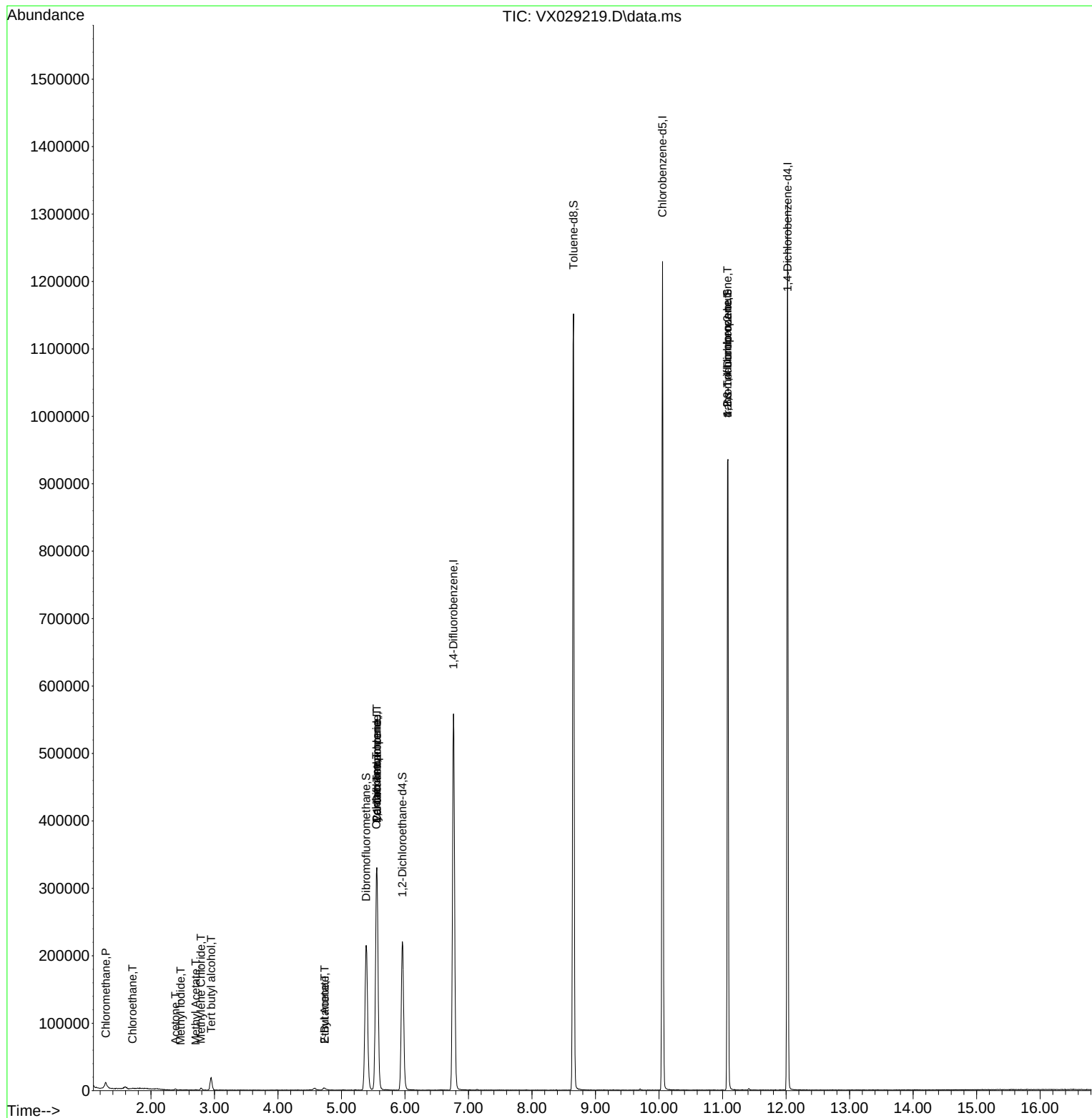
Internal Standards						
1) Pentafluorobenzene	5.556	168	308657	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	589049	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	572469	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	261928	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	213546	61.354	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 122.700%	
35) Dibromofluoromethane	5.385	113	196197	50.145	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 100.280%	
50) Toluene-d8	8.653	98	695416	48.597	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 97.200%	
62) 4-Bromofluorobenzene	11.079	95	276483	49.983	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 99.960%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.288	50	683	0.243	ug/l	94
5) Bromomethane	1.611	94	794	Below Cal		96
6) Chloroethane	1.709	64	667	1.644	ug/l #	43
10) Methyl Iodide	2.465	142	555	4.373	ug/l #	81
11) Tert butyl alcohol	2.946	59	10303	12.778	ug/l #	74
16) Acetone	2.386	43	1580	1.153	ug/l #	85
18) Methyl Acetate	2.703	43	746	0.210	ug/l #	82
20) Methylene Chloride	2.788	84	1634	0.511	ug/l #	89
25) 2-Butanone	4.733	43	6110	2.764	ug/l #	44
31) Cyclohexane	5.550	56	5910	1.306	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	24758	4.918	ug/l #	50
37) Ethyl Acetate	4.733	43	6110	1.252	ug/l	97
38) Carbon Tetrachloride	5.556	117	32635	5.672	ug/l #	15
44) Trichloroethene	7.153	130	453	Below Cal		45
76) 1,2,3-Trichloropropane	11.079	75	133668	25.174	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	133668	73.856	ug/l #	15

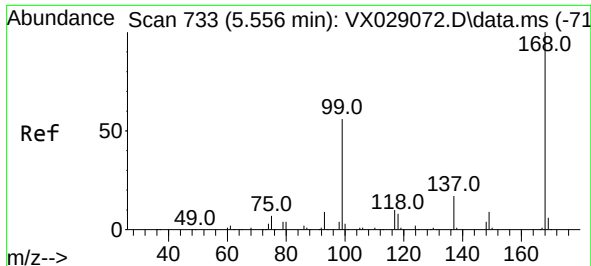
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060322\
Data File : VX029219.D
Acq On : 04 Jun 2022 02:53
Operator : JC/MD
Sample : N3165-15 50X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
09BR-20220601

Quant Time: Jun 06 02:40:14 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053122W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 01 04:45:42 2022
Response via : Initial Calibration

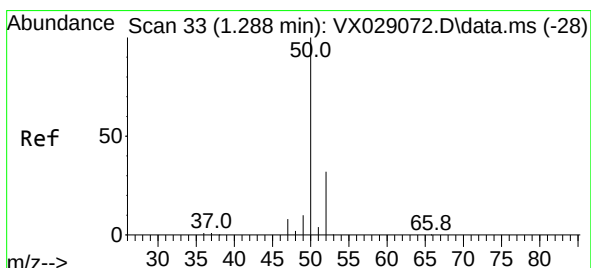
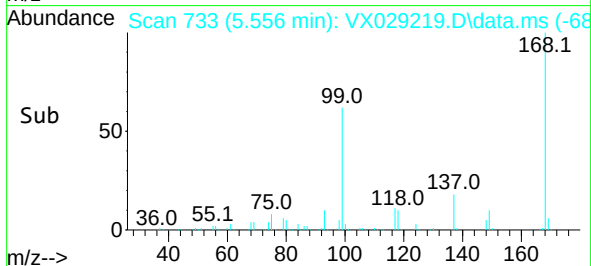
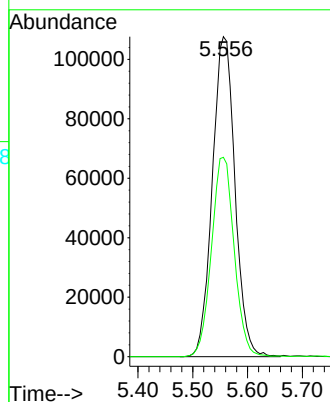
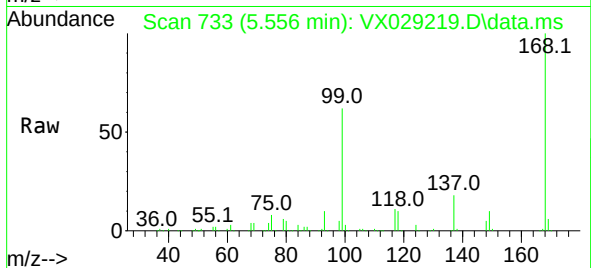




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029219.D
Acq: 04 Jun 2022 02:53

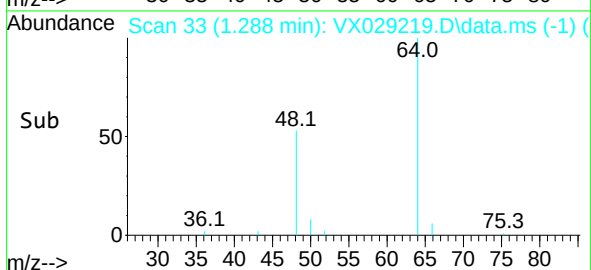
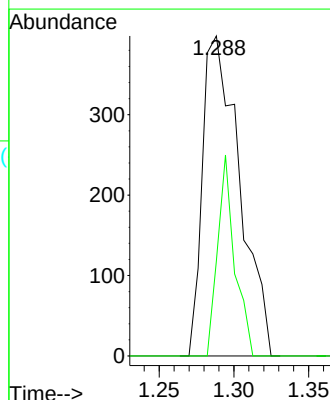
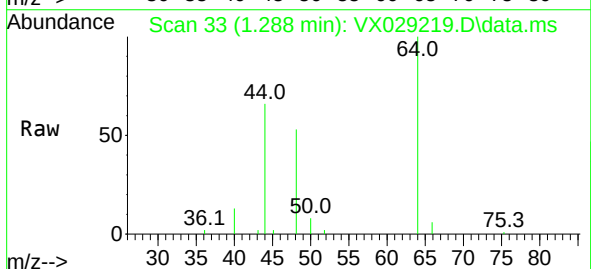
Instrument :
MSVOA_X
ClientSampleId :
09BR-20220601

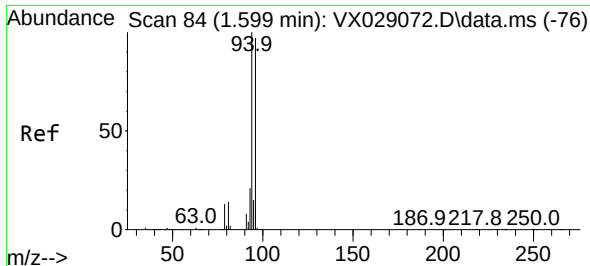
Tgt Ion:168 Resp: 308657
Ion Ratio Lower Upper
168 100
99 62.3 41.7 62.5



#3
Chloromethane
Concen: 0.243 ug/l
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX029219.D
Acq: 04 Jun 2022 02:53

Tgt Ion: 50 Resp: 683
Ion Ratio Lower Upper
50 100
52 29.6 26.4 39.6

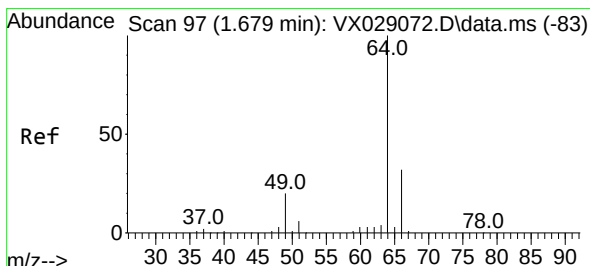
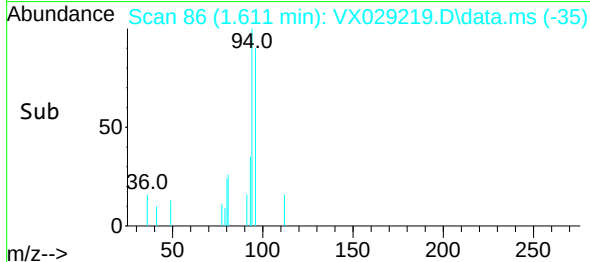
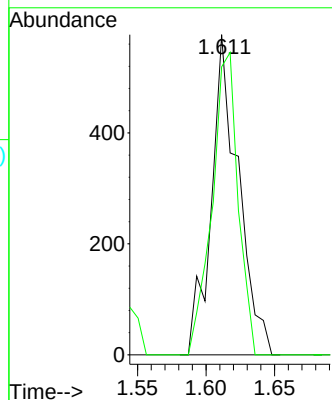
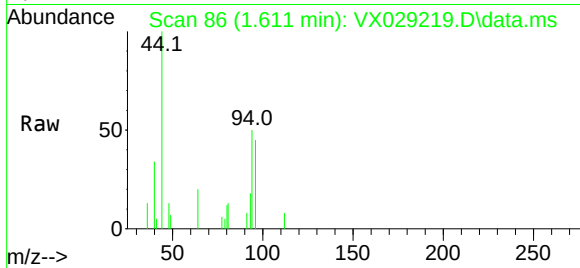




#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 80
Delta R.T. 0.012 min
Lab File: VX029219.D
Acq: 04 Jun 2022 02:53

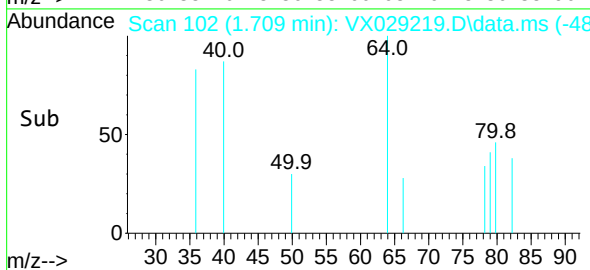
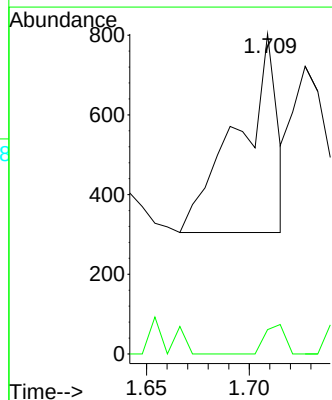
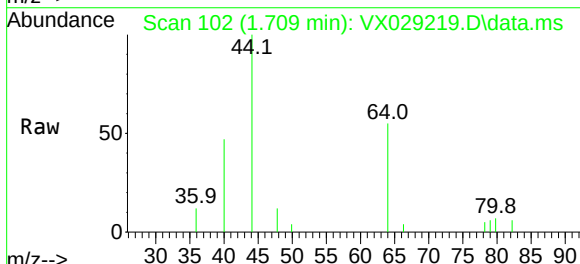
Instrument :
MSVOA_X
ClientSampleId :
09BR-20220601

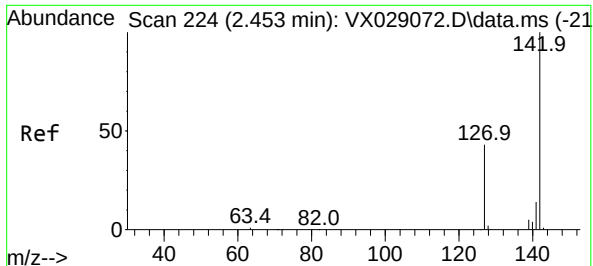
Tgt Ion: 94 Resp: 794
Ion Ratio Lower Upper
94 100
96 89.9 75.3 112.9



#6
Chloroethane
Concen: 1.644 ug/l
RT: 1.709 min Scan# 102
Delta R.T. 0.030 min
Lab File: VX029219.D
Acq: 04 Jun 2022 02:53

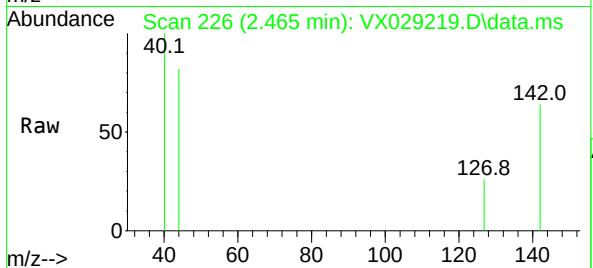
Tgt Ion: 64 Resp: 667
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



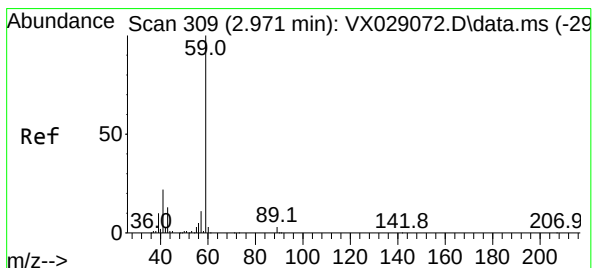
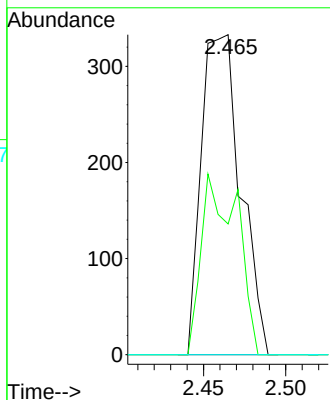
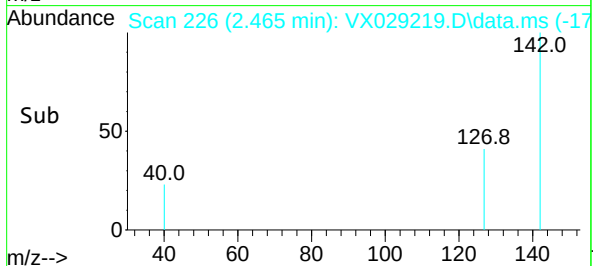


#10
Methyl Iodide
Concen: 4.373 ug/l
RT: 2.465 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX029219.D
Acq: 04 Jun 2022 02:53

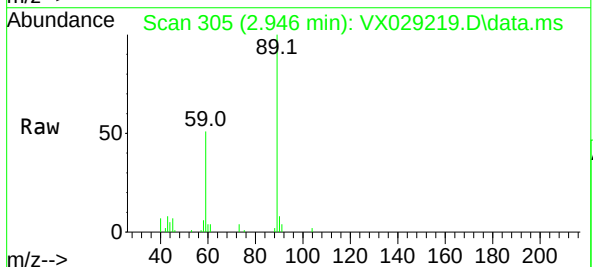
Instrument :
MSVOA_X
ClientSampleId :
09BR-20220601



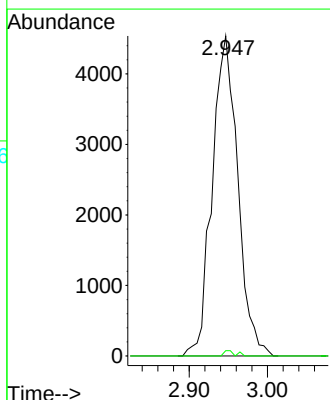
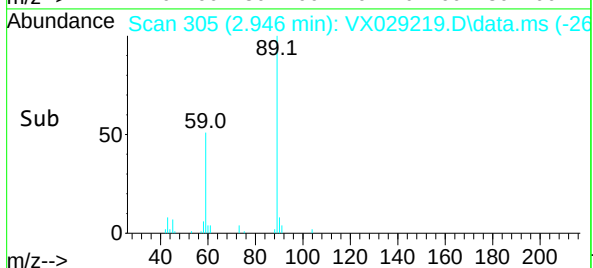
Tgt Ion:142 Resp: 555
Ion Ratio Lower Upper
142 100
127 51.4 33.9 50.9#
141 0.0 11.4 17.2#

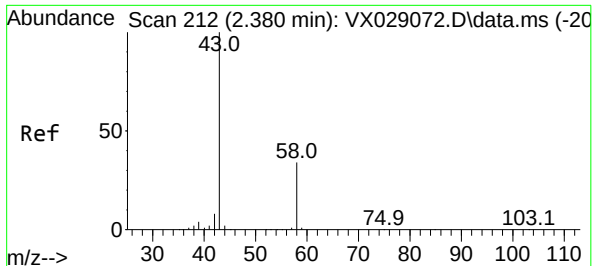


#11
Tert butyl alcohol
Concen: 12.778 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.025 min
Lab File: VX029219.D
Acq: 04 Jun 2022 02:53



Tgt Ion: 59 Resp: 10303
Ion Ratio Lower Upper
59 100
57 0.7 8.3 12.5#

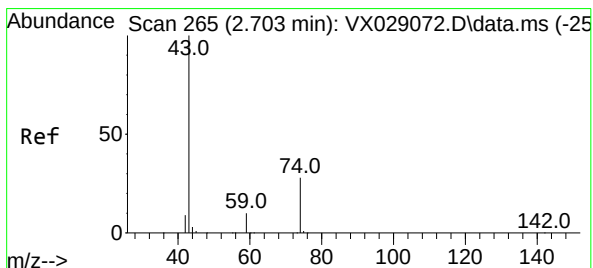
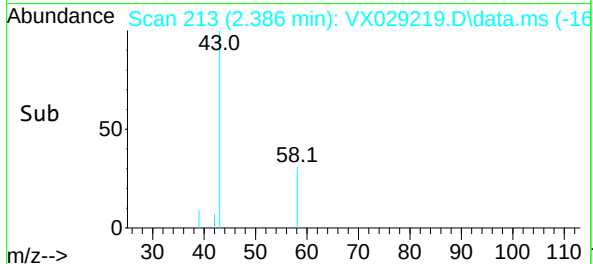
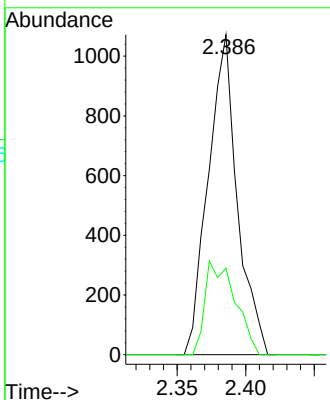
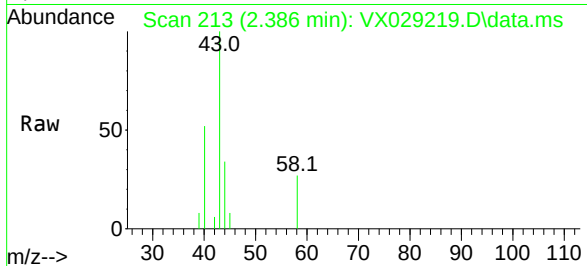




#16
Acetone
Concen: 1.153 ug/l
RT: 2.386 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX029219.D
Acq: 04 Jun 2022 02:53

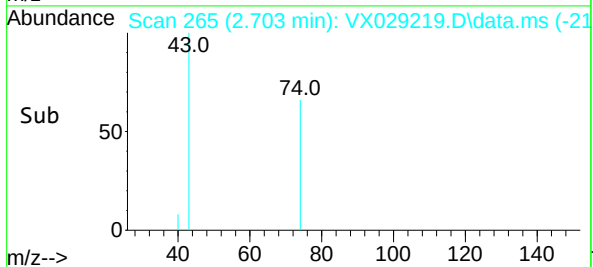
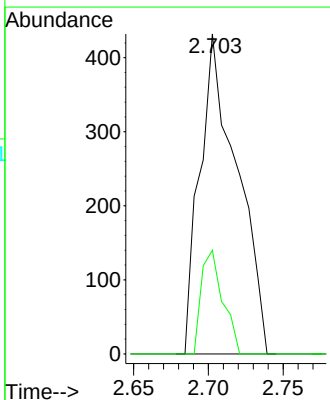
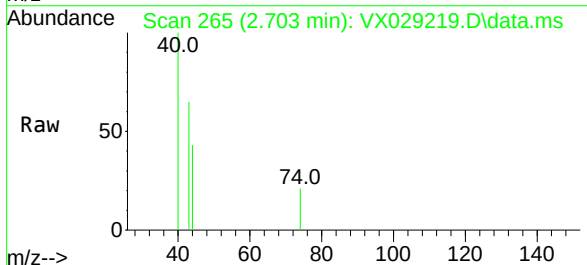
Instrument :
MSVOA_X
ClientSampleId :
09BR-20220601

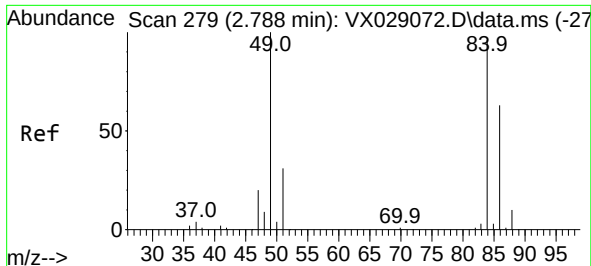
Tgt Ion: 43 Resp: 1580
Ion Ratio Lower Upper
43 100
58 27.1 28.8 43.2#



#18
Methyl Acetate
Concen: 0.210 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX029219.D
Acq: 04 Jun 2022 02:53

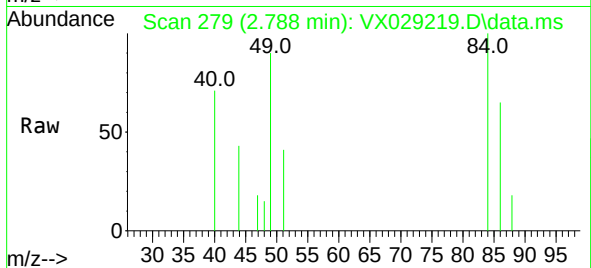
Tgt Ion: 43 Resp: 746
Ion Ratio Lower Upper
43 100
74 18.8 22.8 34.2#



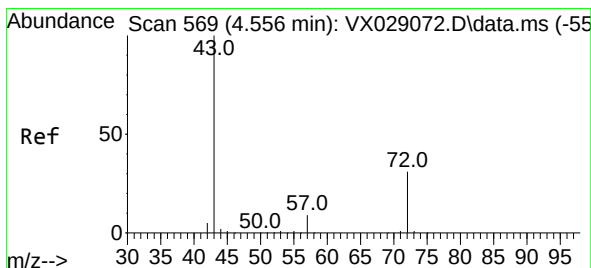
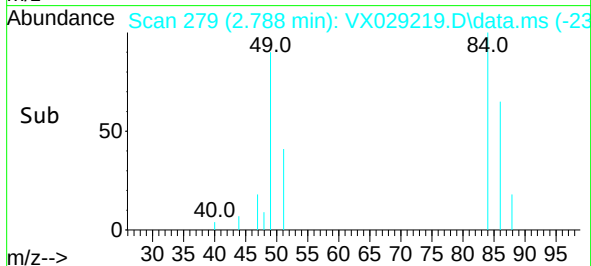
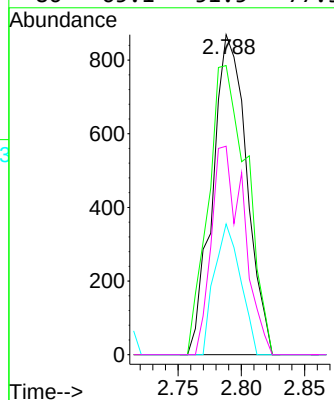


#20
Methylene Chloride
Concen: 0.511 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX029219.D
Acq: 04 Jun 2022 02:53

Instrument :
MSVOA_X
ClientSampleId :
09BR-20220601

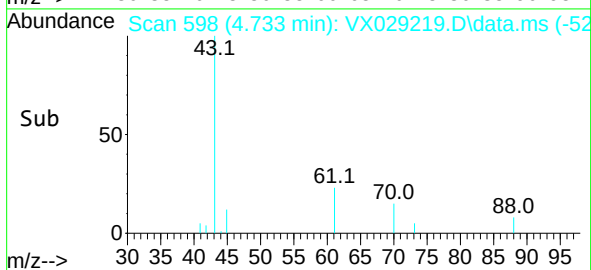
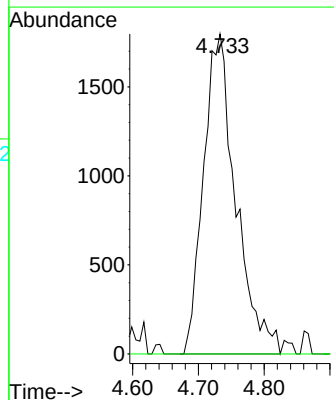
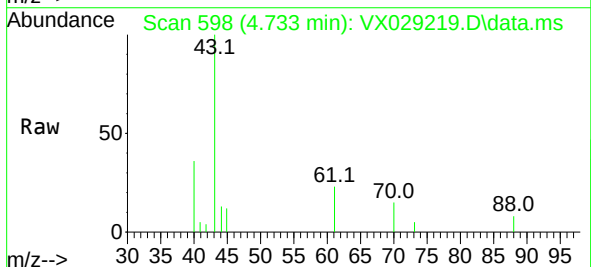


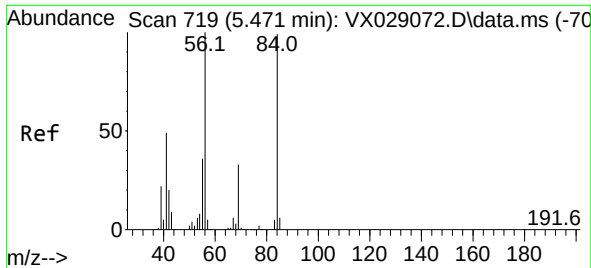
Tgt Ion:	84	Resp:	1634
Ion	Ratio	Lower	Upper
84	100		
49	90.3	85.5	128.3
51	40.9	26.6	39.8#
86	65.1	51.5	77.3



#25
2-Butanone
Concen: 2.764 ug/l
RT: 4.733 min Scan# 598
Delta R.T. 0.177 min
Lab File: VX029219.D
Acq: 04 Jun 2022 02:53

Tgt Ion:	43	Resp:	6110
Ion	Ratio	Lower	Upper
43	100		
72	0.0	24.4	36.6#

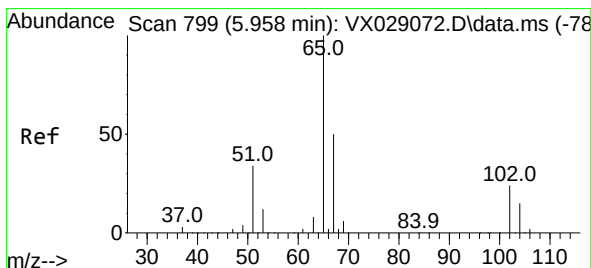
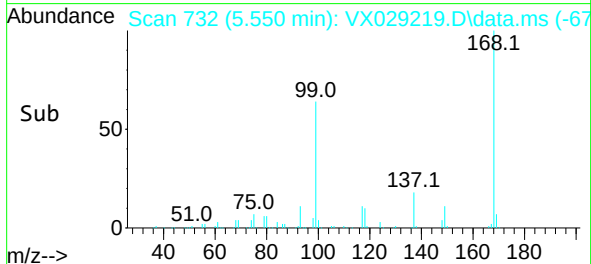
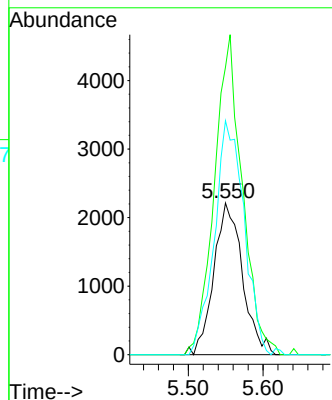
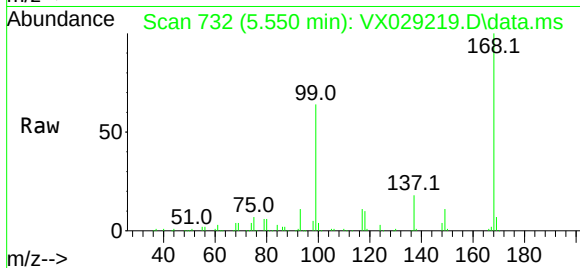




#31
Cyclohexane
Concen: 1.306 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX029219.D
Acq: 04 Jun 2022 02:53

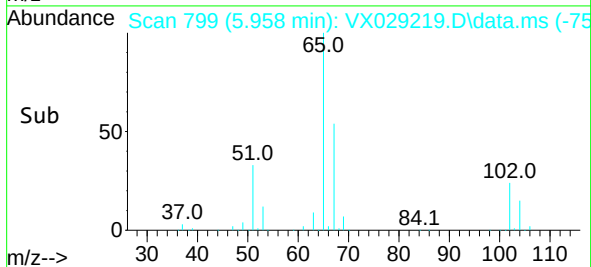
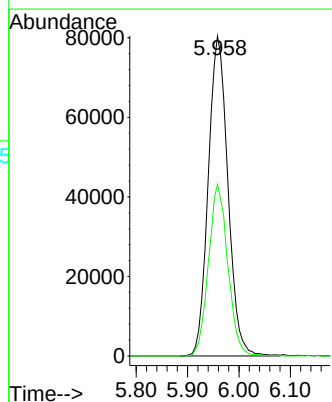
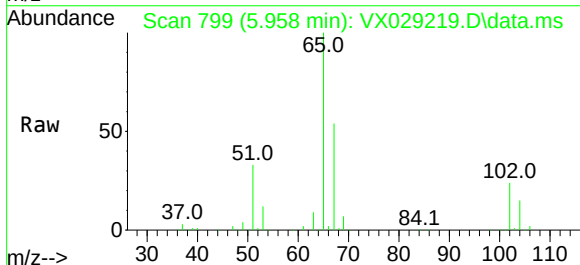
Instrument :
MSVOA_X
ClientSampleId :
09BR-20220601

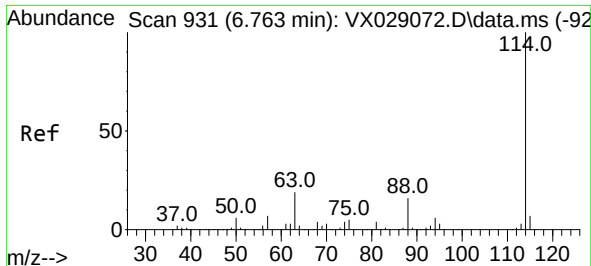
Tgt Ion: 56 Resp: 5910
Ion Ratio Lower Upper
56 100
69 189.5 26.7 40.1#
84 154.1 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 61.354 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX029219.D
Acq: 04 Jun 2022 02:53

Tgt Ion: 65 Resp: 213546
Ion Ratio Lower Upper
65 100
67 52.8 0.0 107.4

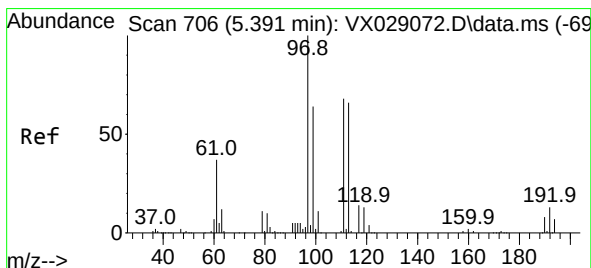
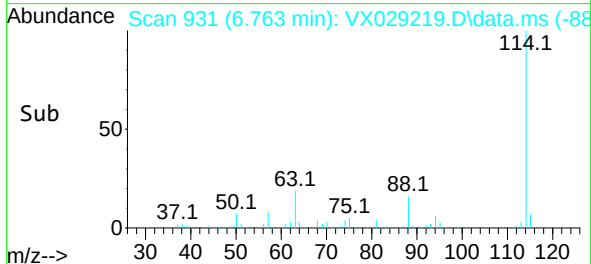
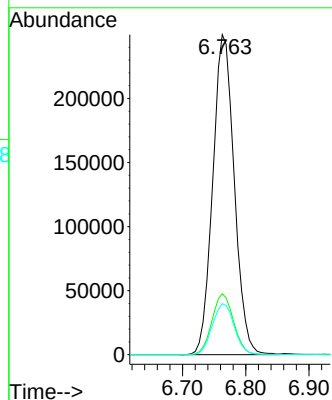
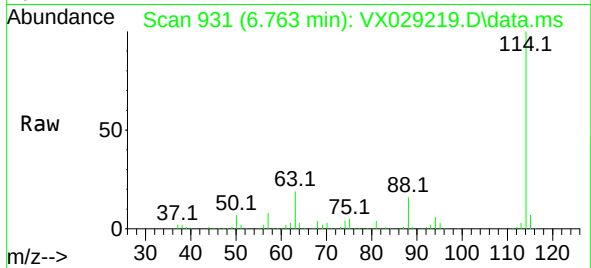




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX029219.D
Acq: 04 Jun 2022 02:53

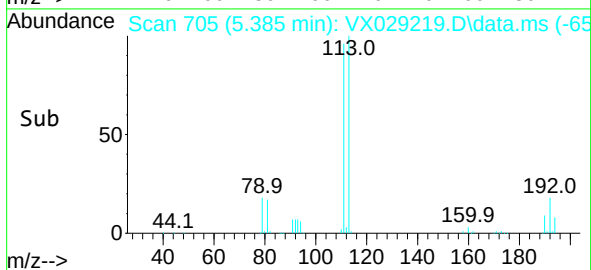
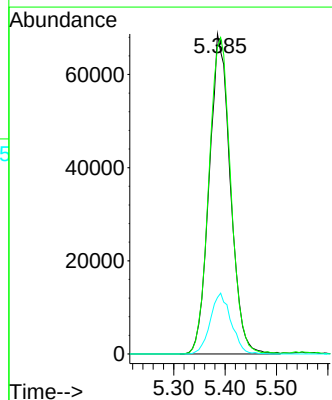
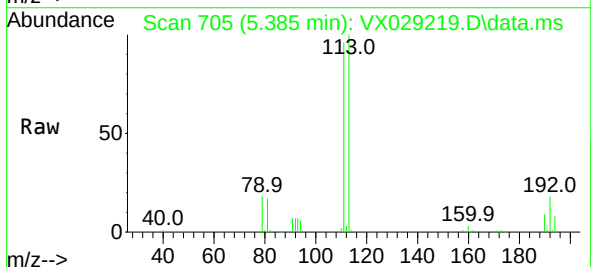
Instrument :
MSVOA_X
ClientSampleId :
09BR-20220601

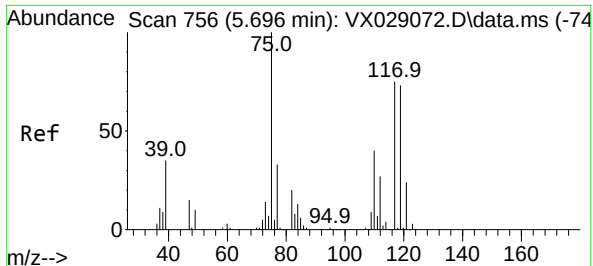
Tgt Ion:114 Resp: 589049
Ion Ratio Lower Upper
114 100
63 19.0 0.0 36.8
88 16.0 0.0 32.4



#35
Dibromofluoromethane
Concen: 50.145 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX029219.D
Acq: 04 Jun 2022 02:53

Tgt Ion:113 Resp: 196197
Ion Ratio Lower Upper
113 100
111 102.1 82.8 124.2
192 18.8 16.9 25.3

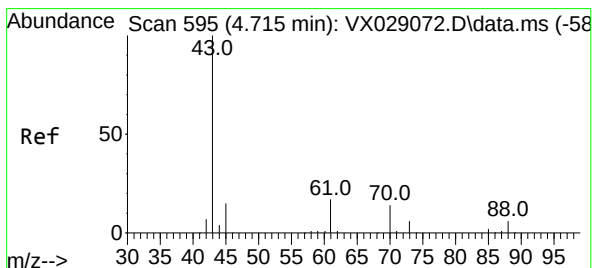
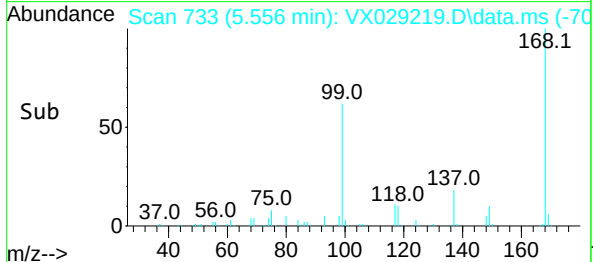
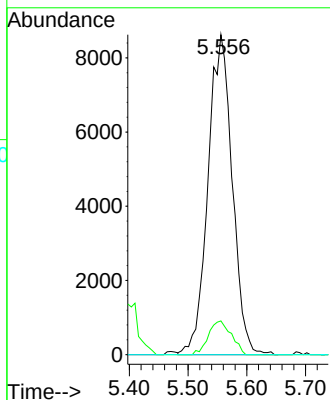
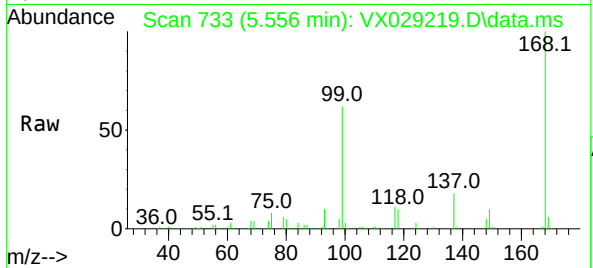




#36
1,1-Dichloropropene
Concen: 4.918 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX029219.D
Acq: 04 Jun 2022 02:53

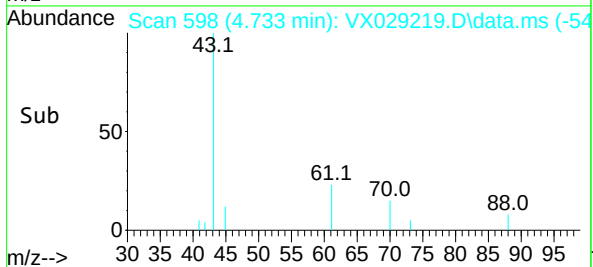
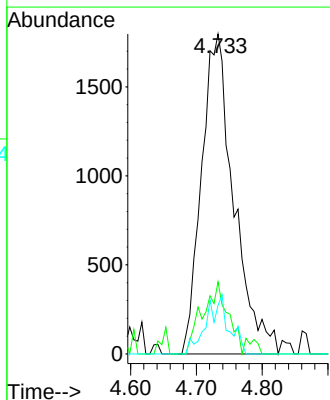
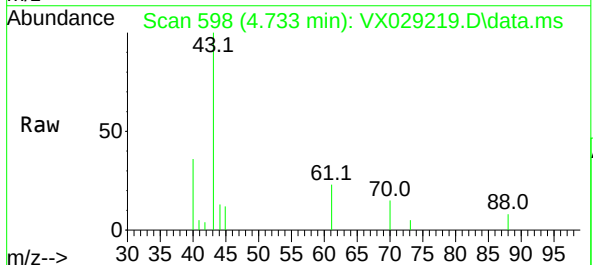
Instrument :
MSVOA_X
ClientSampleId :
09BR-20220601

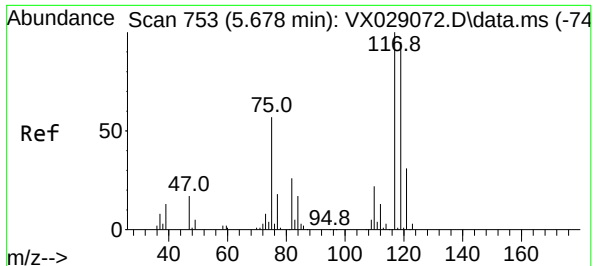
Tgt Ion: 75 Resp: 24758
Ion Ratio Lower Upper
75 100
110 9.9 18.3 54.8#
77 0.0 24.8 37.2#



#37
Ethyl Acetate
Concen: 1.252 ug/l
RT: 4.733 min Scan# 598
Delta R.T. 0.018 min
Lab File: VX029219.D
Acq: 04 Jun 2022 02:53

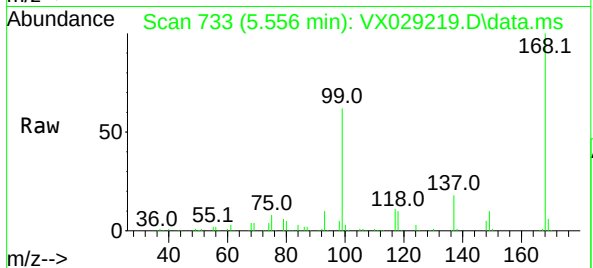
Tgt Ion: 43 Resp: 6110
Ion Ratio Lower Upper
43 100
61 17.6 12.6 19.0
70 12.8 10.2 15.2



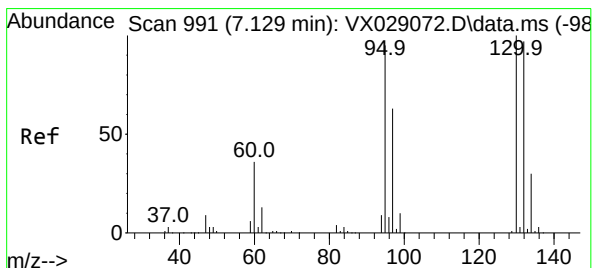
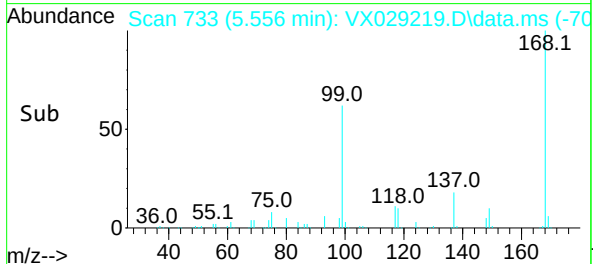
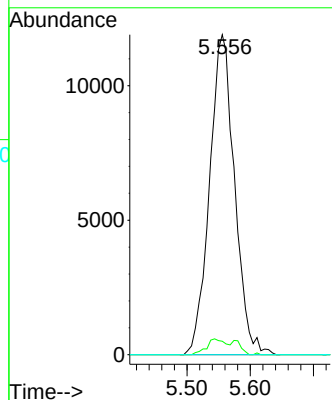


#38
Carbon Tetrachloride
Concen: 5.672 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX029219.D
Acq: 04 Jun 2022 02:53

Instrument :
MSVOA_X
ClientSampleId :
09BR-20220601

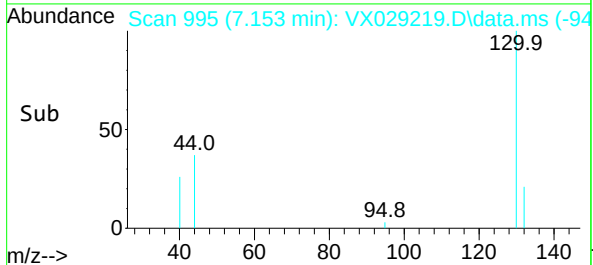
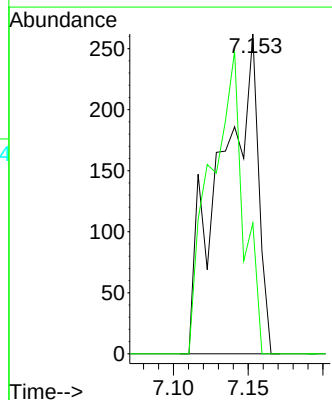
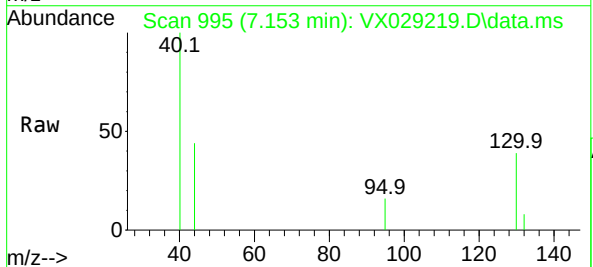


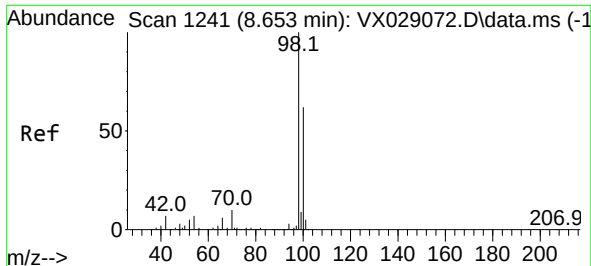
Tgt Ion:117 Resp: 32635
Ion Ratio Lower Upper
117 100
119 4.2 77.3 115.9#
121 0.0 24.2 36.2#



#44
Trichloroethene
Concen: Below Cal
RT: 7.153 min Scan# 995
Delta R.T. 0.024 min
Lab File: VX029219.D
Acq: 04 Jun 2022 02:53

Tgt Ion:130 Resp: 453
Ion Ratio Lower Upper
130 100
95 40.8 0.0 188.8

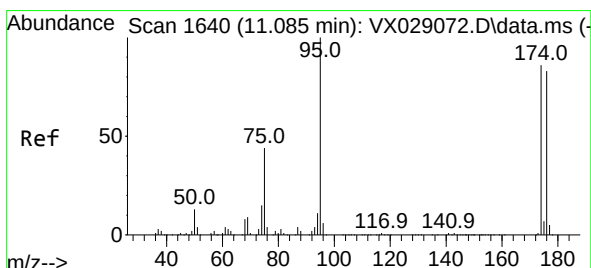
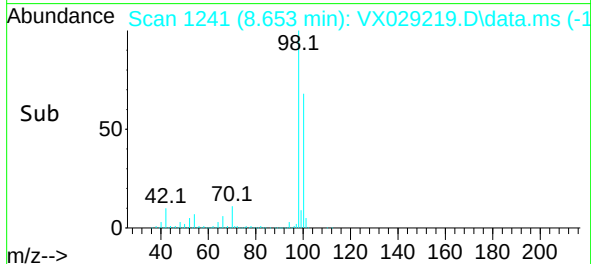
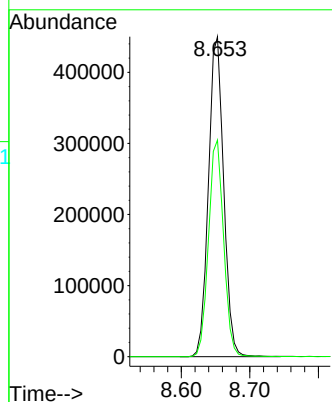
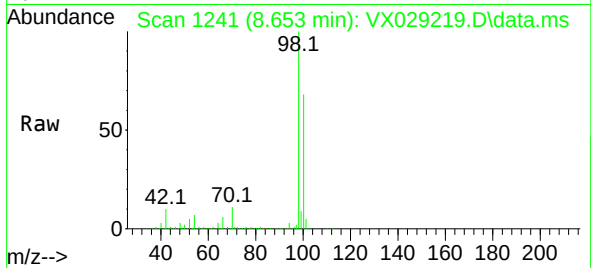




#50
Toluene-d8
Concen: 48.597 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029219.D
Acq: 04 Jun 2022 02:53

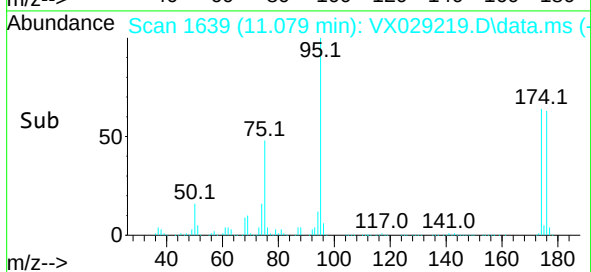
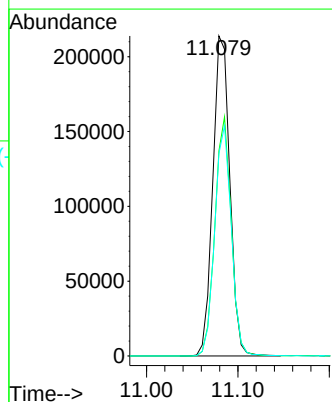
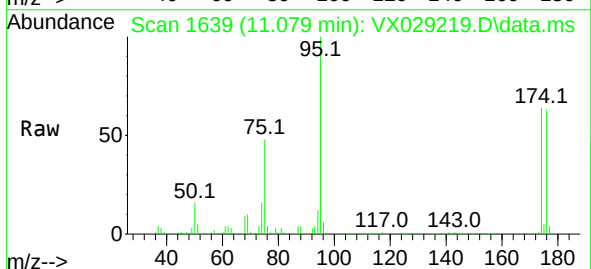
Instrument :
MSVOA_X
ClientSampleId :
09BR-20220601

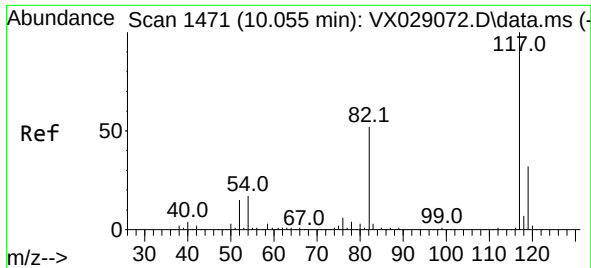
Tgt Ion: 98 Resp: 695416
Ion Ratio Lower Upper
98 100
100 67.3 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 49.983 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX029219.D
Acq: 04 Jun 2022 02:53

Tgt Ion: 95 Resp: 276483
Ion Ratio Lower Upper
95 100
174 71.8 0.0 163.0
176 70.5 0.0 155.0

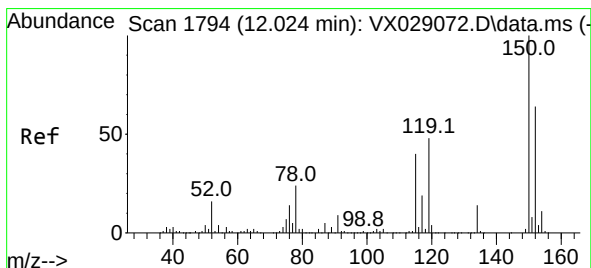
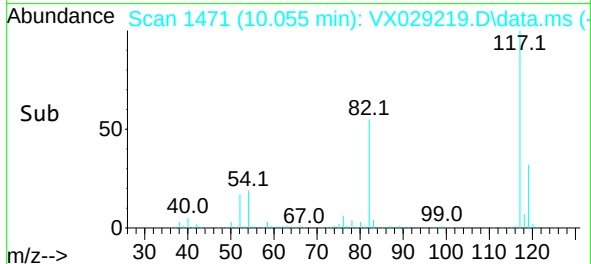
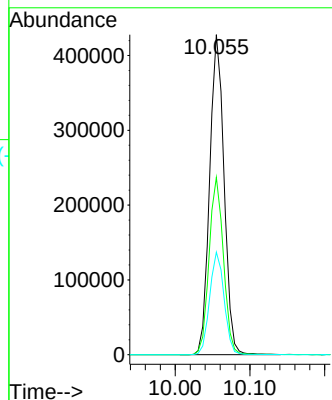
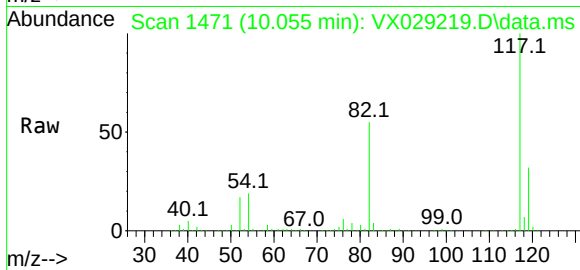




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX029219.D
Acq: 04 Jun 2022 02:53

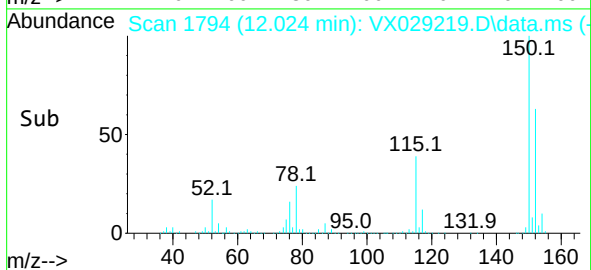
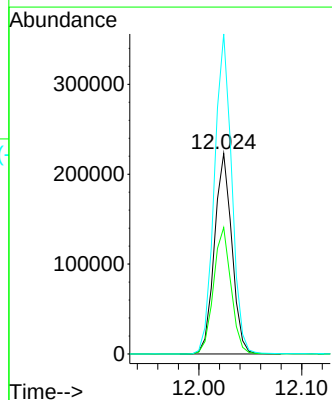
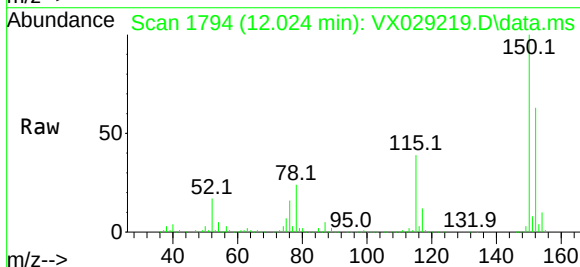
Instrument :
MSVOA_X
ClientSampleId :
09BR-20220601

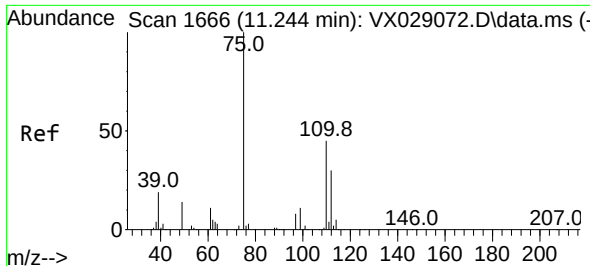
Tgt Ion:117 Resp: 572469
Ion Ratio Lower Upper
117 100
82 55.4 41.8 62.8
119 32.0 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX029219.D
Acq: 04 Jun 2022 02:53

Tgt Ion:152 Resp: 261928
Ion Ratio Lower Upper
152 100
115 63.4 37.5 112.7
150 159.1 0.0 338.2

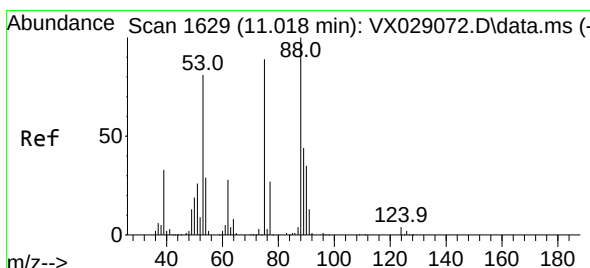
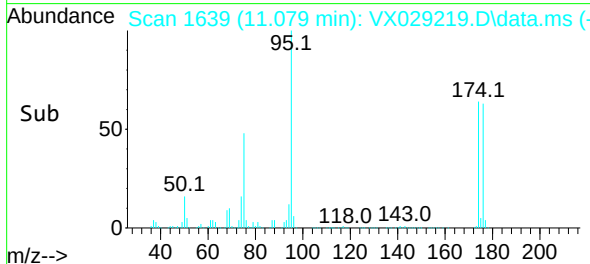
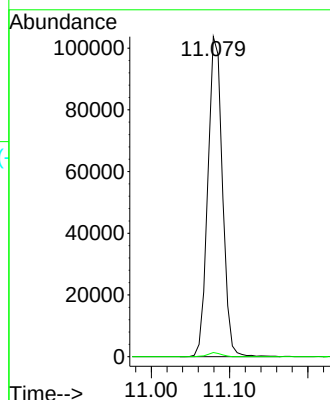
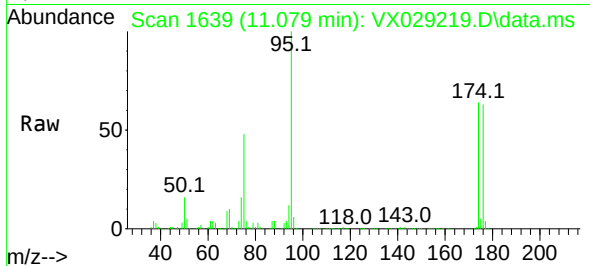




#76
1,2,3-Trichloropropane
Concen: 25.174 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX029219.D
Acq: 04 Jun 2022 02:53

Instrument :
MSVOA_X
ClientSampleId :
09BR-20220601

Tgt Ion: 75 Resp: 133668
Ion Ratio Lower Upper
75 100
77 1.2 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 73.856 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX029219.D
Acq: 04 Jun 2022 02:53

Tgt Ion: 75 Resp: 133668
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

