

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050422\
 Data File : VX028522.D
 Acq On : 04 May 2022 15:29
 Operator : JC/MD
 Sample : N2695-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EFF0522

Quant Time: May 05 03:18:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 19 13:38:04 2022
 Response via : Initial Calibration

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

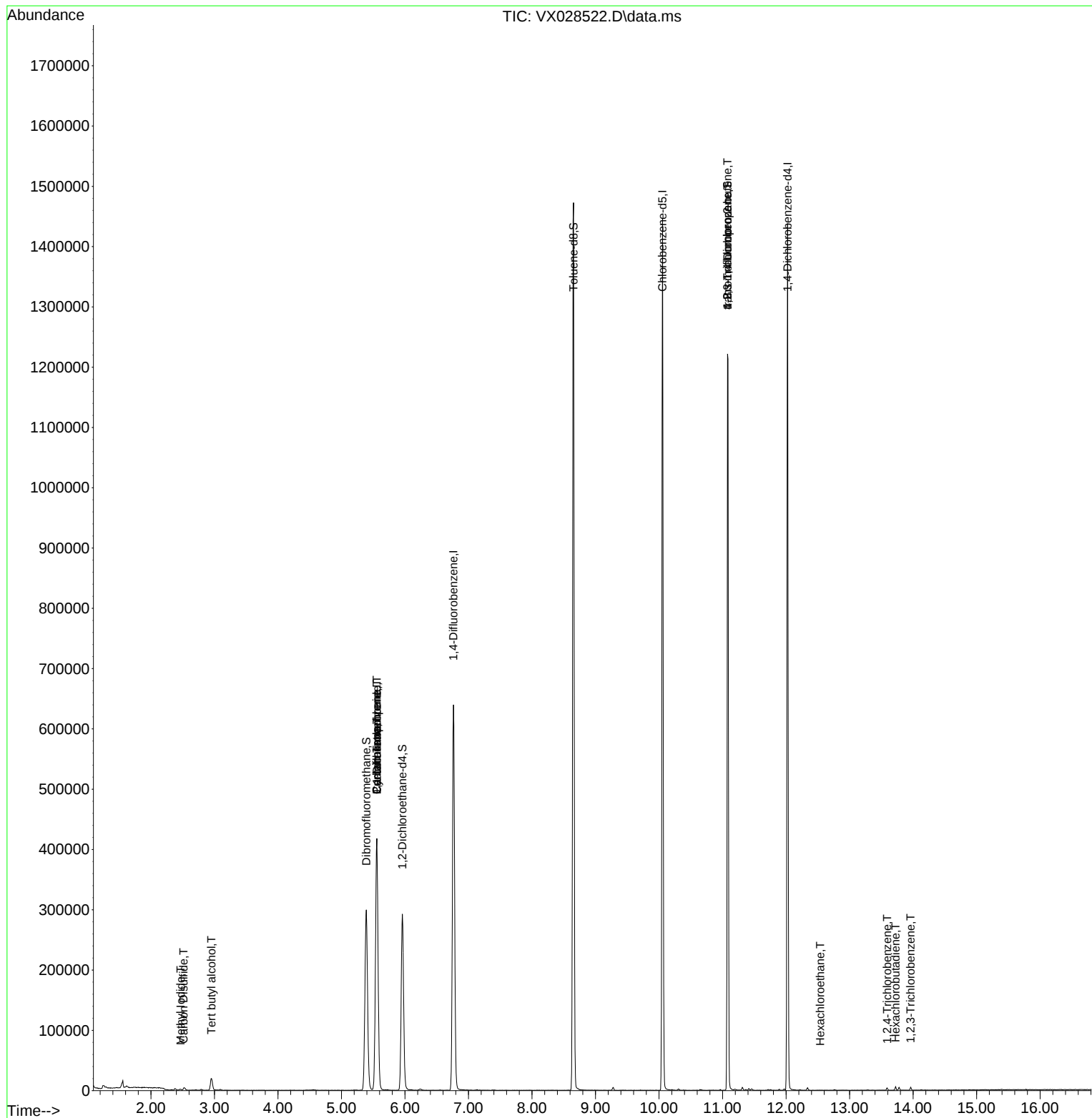
Internal Standards						
1) Pentafluorobenzene	5.556	168	410122	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	694273	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	649947	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	290592	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	275737	51.564	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 103.120%			
35) Dibromofluoromethane	5.391	113	259610	53.320	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 106.640%			
50) Toluene-d8	8.653	98	925922	49.513	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 99.020%			
62) 4-Bromofluorobenzene	11.079	95	324718	45.413	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 90.820%			
Target Compounds						
						Qvalue
3) Chloromethane	1.294	50	757	Below Cal	#	80
5) Bromomethane	1.618	94	1875	Below Cal	#	71
6) Chloroethane	1.672	64	293	Below Cal	#	66
10) Methyl Iodide	2.465	142	1721	5.574	ug/l	94
11) Tert butyl alcohol	2.953	59	22350	12.382	ug/l	97
17) Carbon Disulfide	2.514	76	2074	0.244	ug/l	97
31) Cyclohexane	5.556	56	7982	1.225	ug/l #	4
36) 1,1-Dichloropropene	5.556	75	28940	4.557	ug/l #	50
38) Carbon Tetrachloride	5.556	117	40276	5.618	ug/l #	15
76) 1,2,3-Trichloropropane	11.079	75	162175	28.357	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	162175	84.270	ug/l #	15
90) Hexachloroethane	12.536	117	19	1.819	ug/l #	1
93) 1,2,4-Trichlorobenzene	13.591	180	1260	0.218	ug/l	98
94) Hexachlorobutadiene	13.725	225	921	0.357	ug/l	86
96) 1,2,3-Trichlorobenzene	13.963	180	1411	0.249	ug/l	88

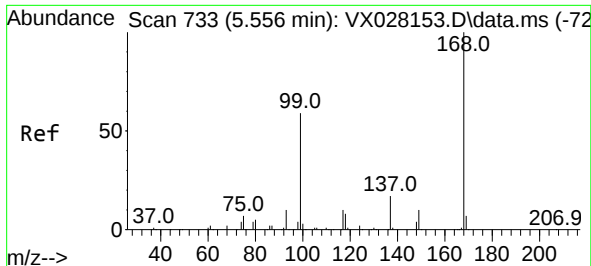
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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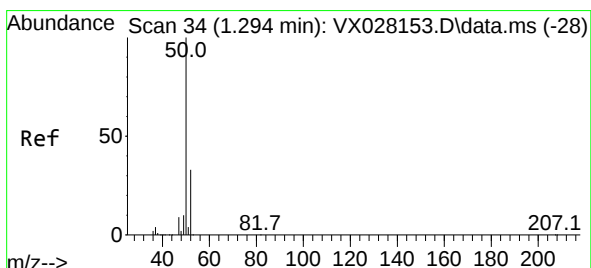
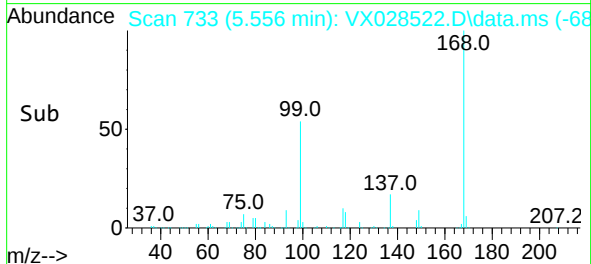
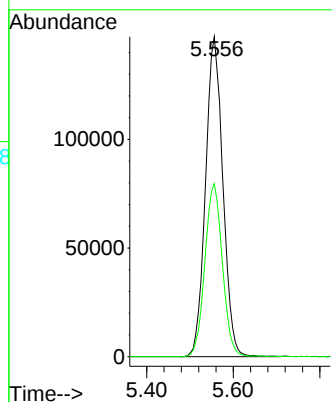
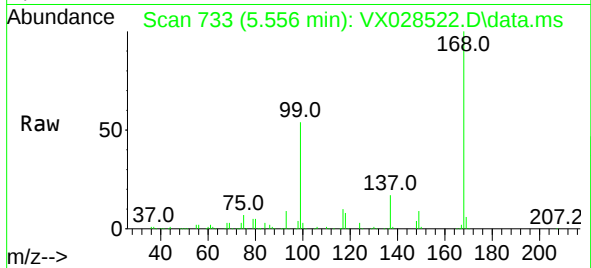




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX028522.D
Acq: 04 May 2022 15:29

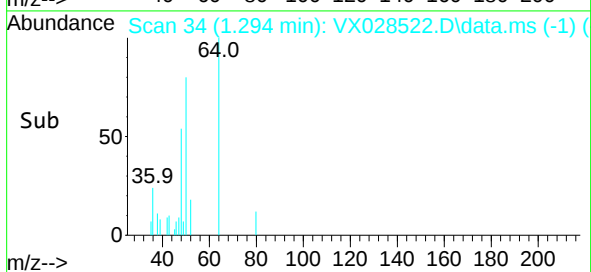
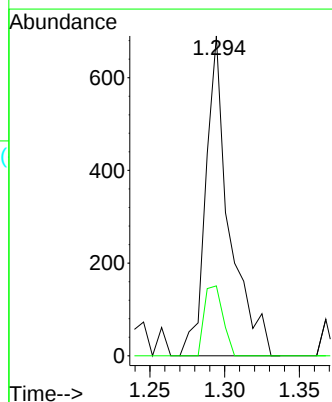
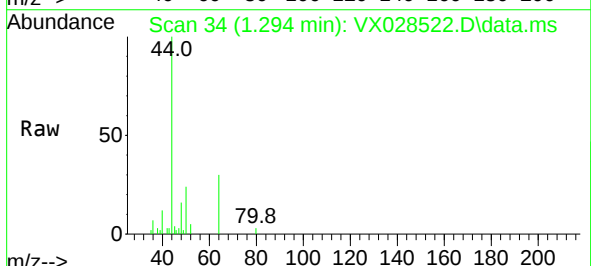
Instrument :
MSVOA_X
ClientSampleId :
EFF0522

Tgt Ion:168 Resp: 410122
Ion Ratio Lower Upper
168 100
99 54.1 41.7 62.5



#3
Chloromethane
Concen: Below Cal
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX028522.D
Acq: 04 May 2022 15:29

Tgt Ion: 50 Resp: 757
Ion Ratio Lower Upper
50 100
52 21.9 26.4 39.6#

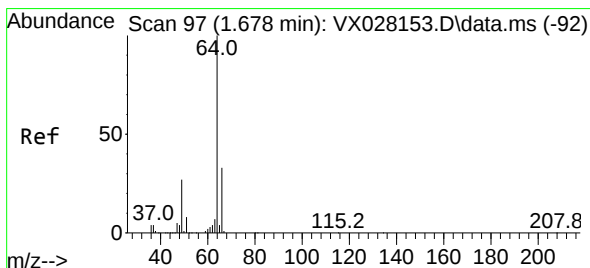
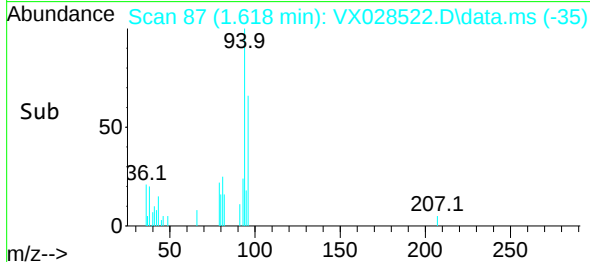
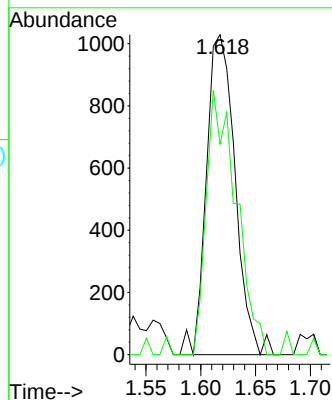
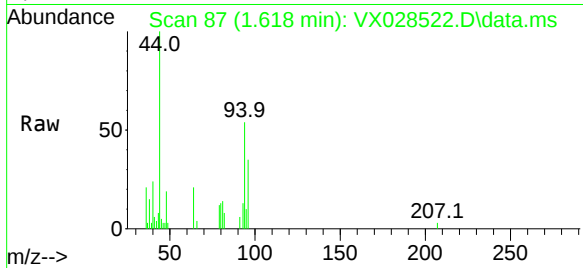




#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 81
Delta R.T. 0.019 min
Lab File: VX028522.D
Acq: 04 May 2022 15:29

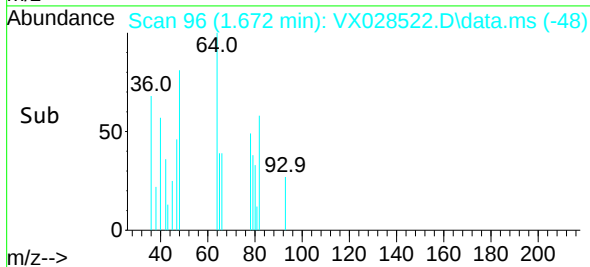
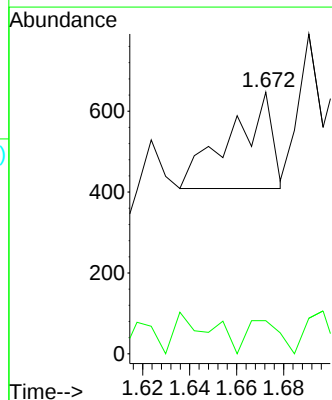
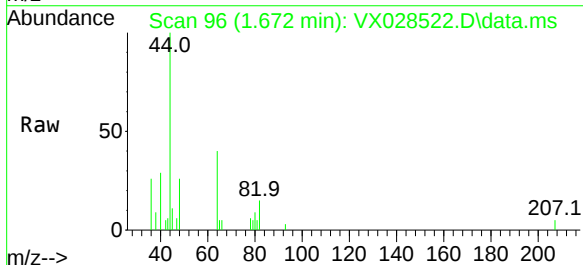
Instrument :
MSVOA_X
ClientSampleId :
EFF0522

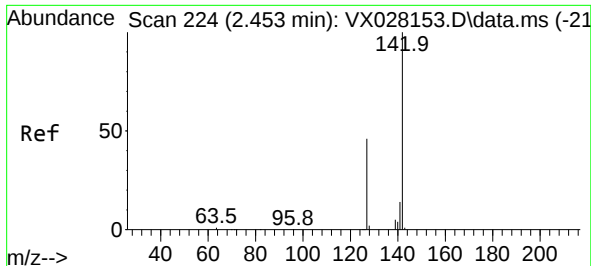
Tgt Ion: 94 Resp: 1875
Ion Ratio Lower Upper
94 100
96 65.8 75.3 112.9#



#6
Chloroethane
Concen: Below Cal
RT: 1.672 min Scan# 96
Delta R.T. -0.006 min
Lab File: VX028522.D
Acq: 04 May 2022 15:29

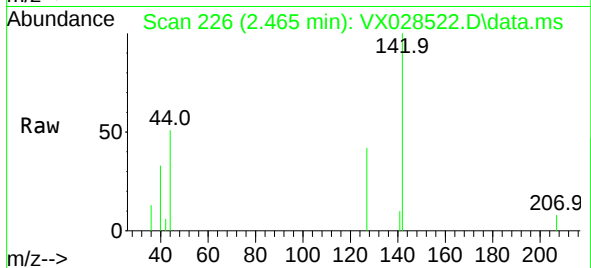
Tgt Ion: 64 Resp: 293
Ion Ratio Lower Upper
64 100
66 12.6 25.3 37.9#



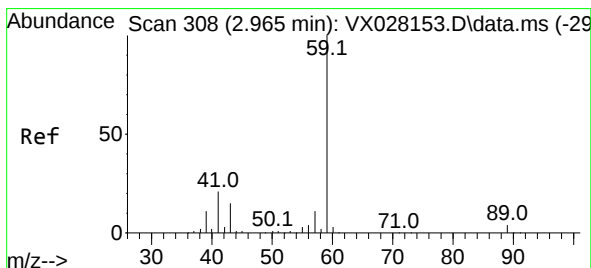
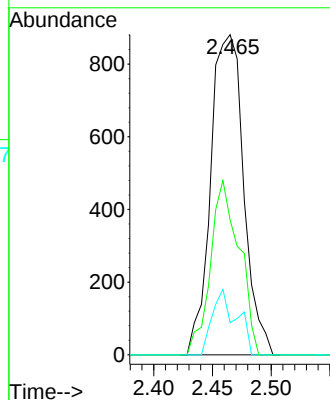
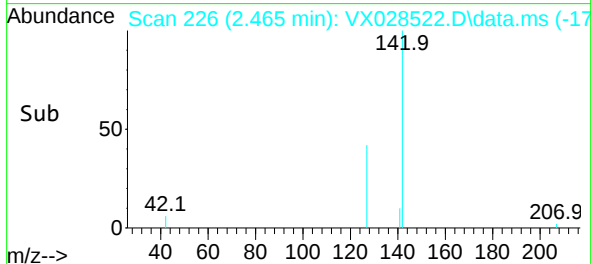


#10
Methyl Iodide
Concen: 5.574 ug/l
RT: 2.465 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX028522.D
Acq: 04 May 2022 15:29

Instrument :
MSVOA_X
ClientSampleId :
EFF0522

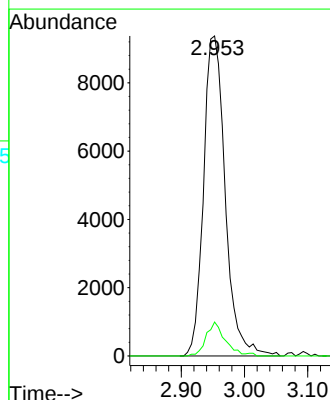
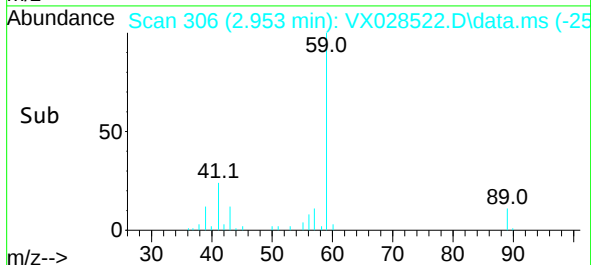
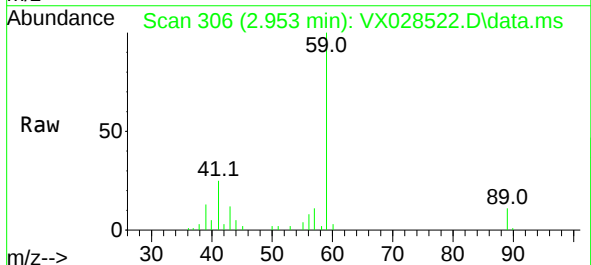


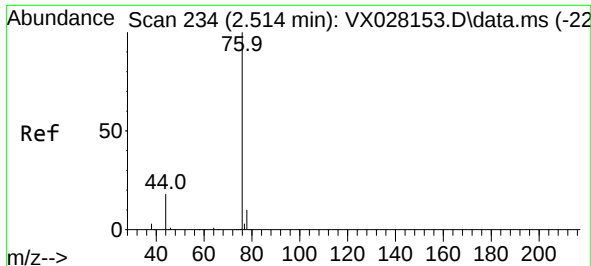
Tgt Ion:142 Resp: 1721
Ion Ratio Lower Upper
142 100
127 47.6 33.9 50.9
141 14.9 11.4 17.2



#11
Tert butyl alcohol
Concen: 12.382 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.012 min
Lab File: VX028522.D
Acq: 04 May 2022 15:29

Tgt Ion: 59 Resp: 22350
Ion Ratio Lower Upper
59 100
57 9.5 8.3 12.5

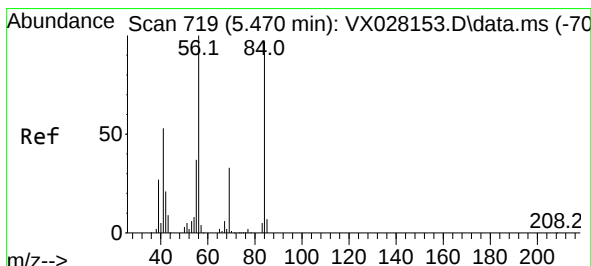
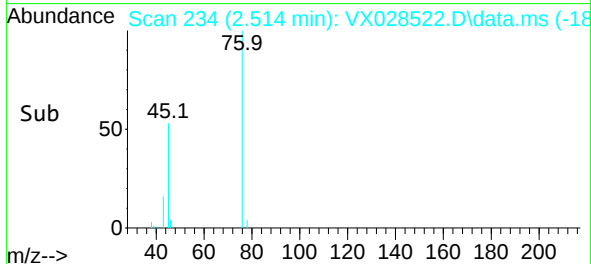
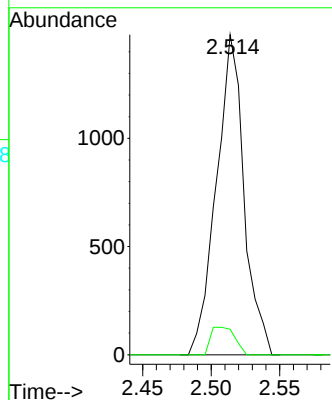
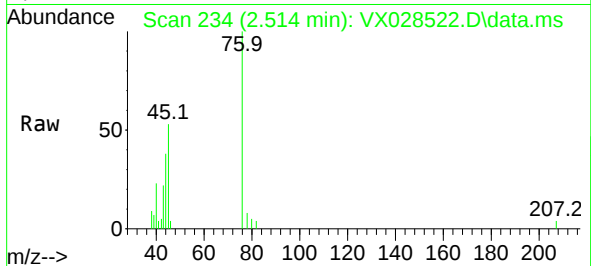




#17
Carbon Disulfide
Concen: 0.244 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX028522.D
Acq: 04 May 2022 15:29

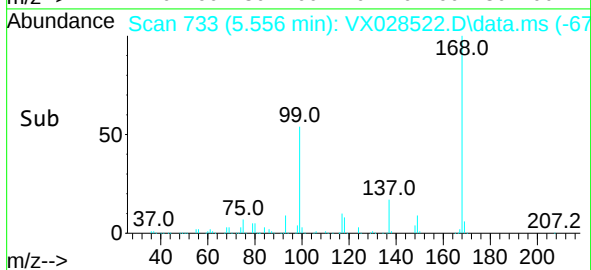
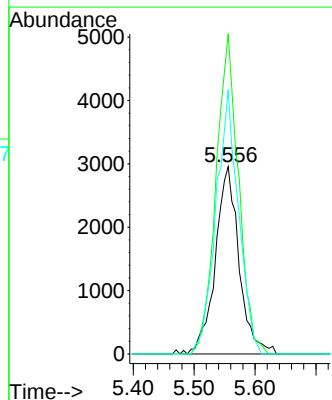
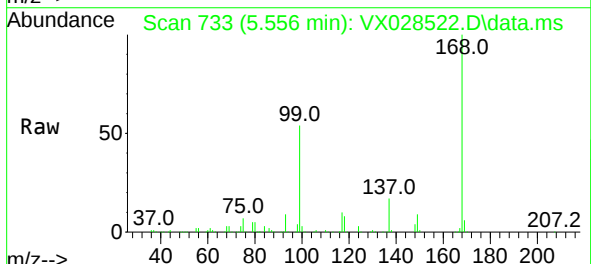
Instrument :
MSVOA_X
ClientSampleId :
EFF0522

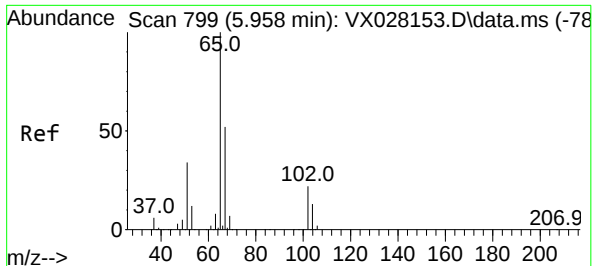
Tgt Ion: 76 Resp: 2074
Ion Ratio Lower Upper
76 100
78 8.0 7.2 10.8



#31
Cyclohexane
Concen: 1.225 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.086 min
Lab File: VX028522.D
Acq: 04 May 2022 15:29

Tgt Ion: 56 Resp: 7982
Ion Ratio Lower Upper
56 100
69 170.8 26.7 40.1#
84 141.0 77.2 115.8#





#33

1,2-Dichloroethane-d4

Concen: 51.564 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX028522.D

Acq: 04 May 2022 15:29

Instrument :

MSVOA_X

ClientSampleId :

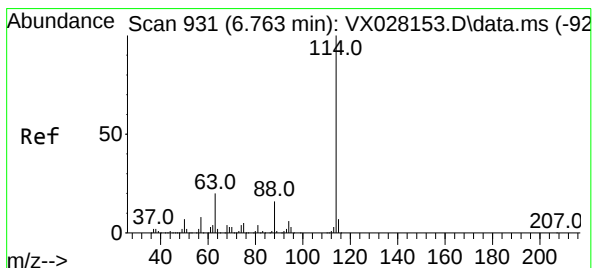
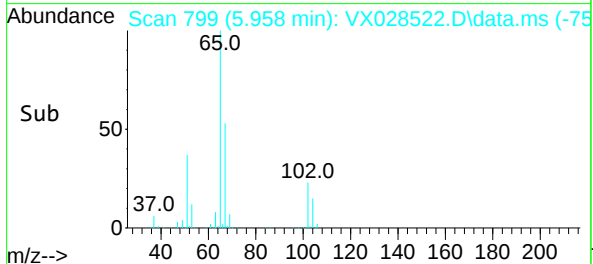
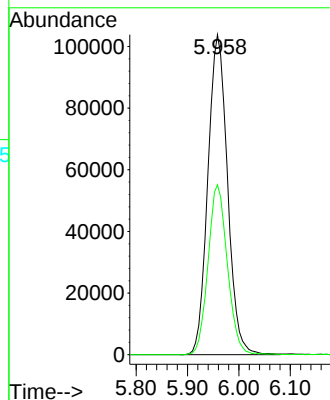
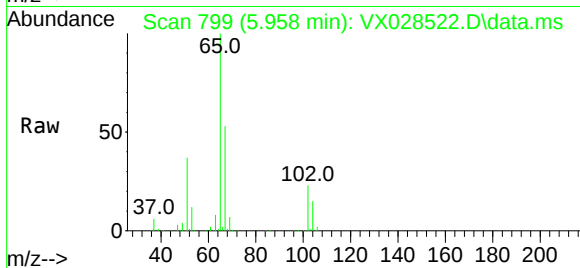
EFF0522

Tgt Ion: 65 Resp: 275737

Ion Ratio Lower Upper

65 100

67 52.3 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX028522.D

Acq: 04 May 2022 15:29

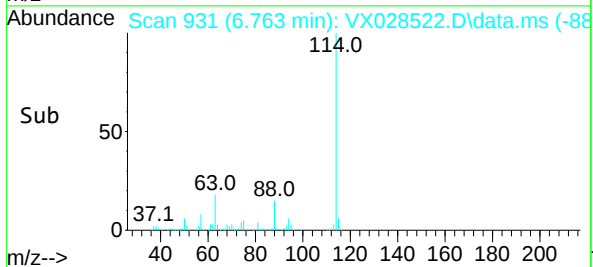
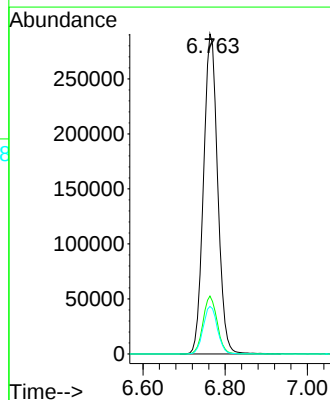
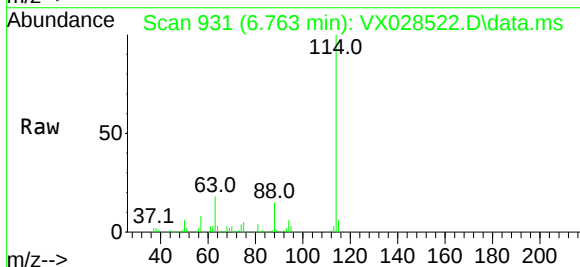
Tgt Ion: 114 Resp: 694273

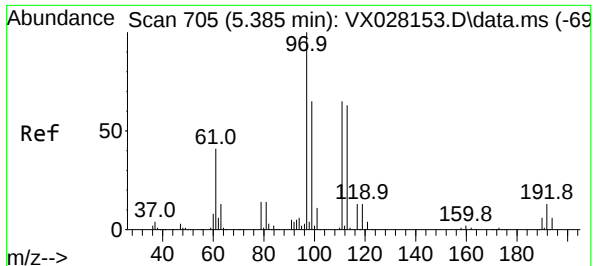
Ion Ratio Lower Upper

114 100

63 18.1 0.0 36.8

88 14.8 0.0 32.4

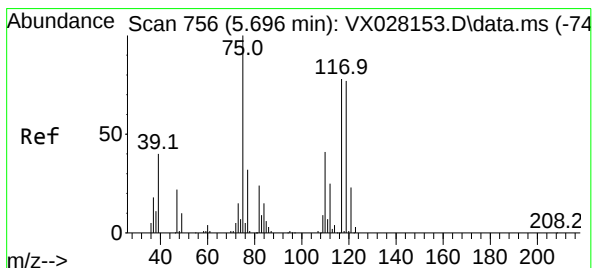
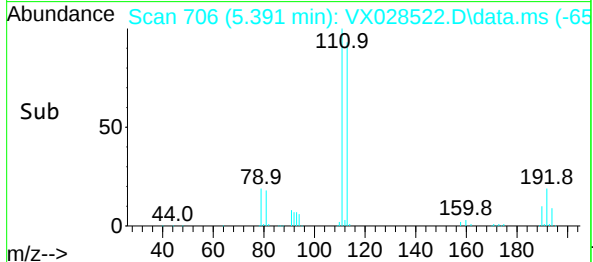
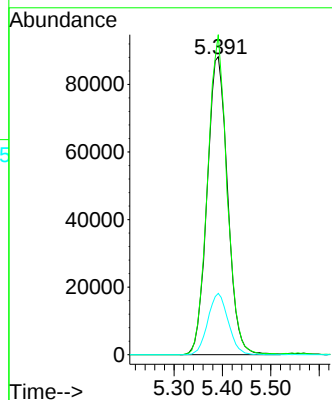
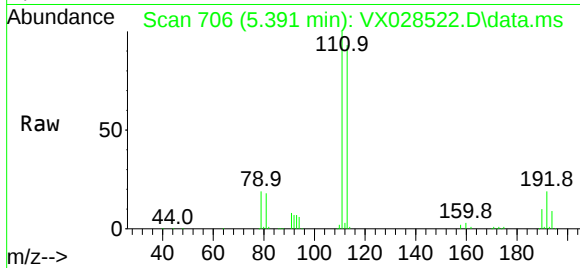




#35
Dibromofluoromethane
Concen: 53.320 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX028522.D
Acq: 04 May 2022 15:29

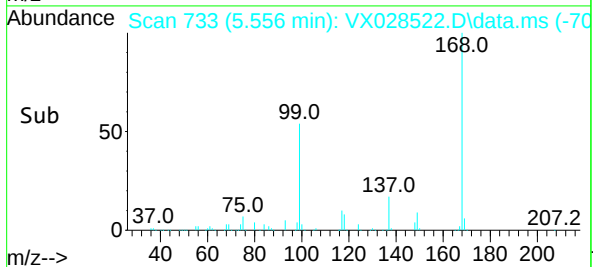
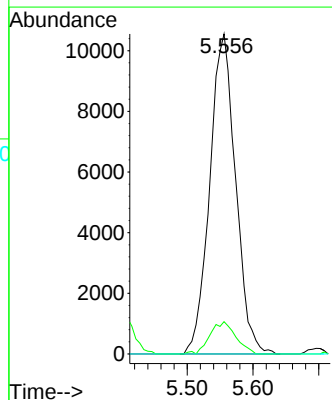
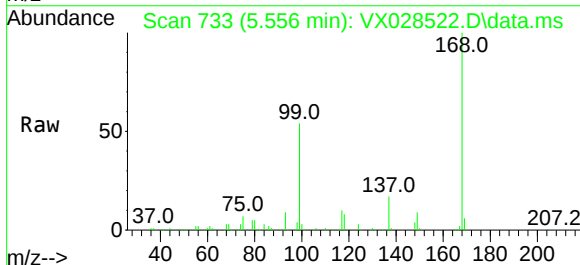
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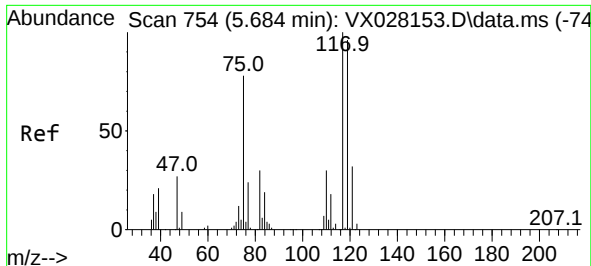
Tgt Ion:113 Resp: 259610
Ion Ratio Lower Upper
113 100
111 102.1 82.8 124.2
192 20.4 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.557 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX028522.D
Acq: 04 May 2022 15:29

Tgt Ion: 75 Resp: 28940
Ion Ratio Lower Upper
75 100
110 10.1 18.3 54.8#
77 0.0 24.8 37.2#

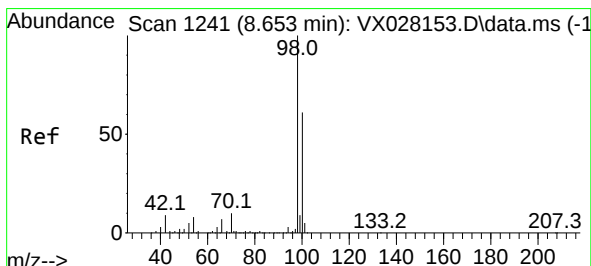
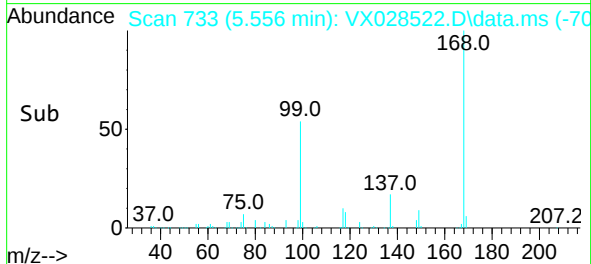
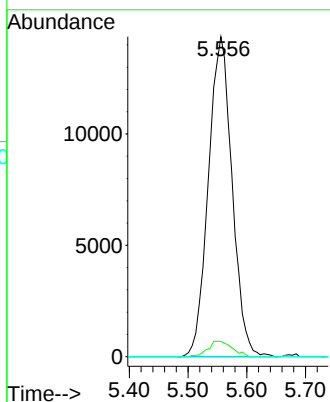
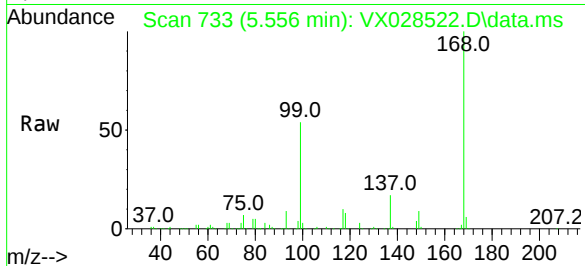




#38
Carbon Tetrachloride
Concen: 5.618 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX028522.D
Acq: 04 May 2022 15:29

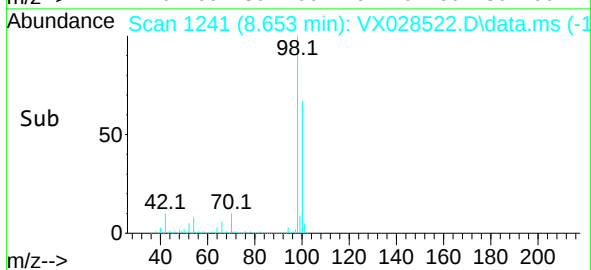
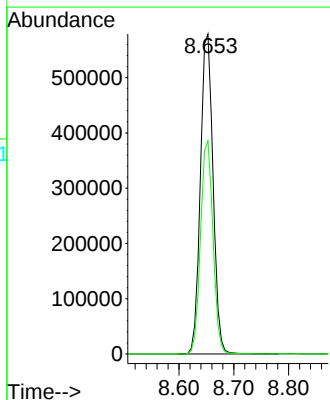
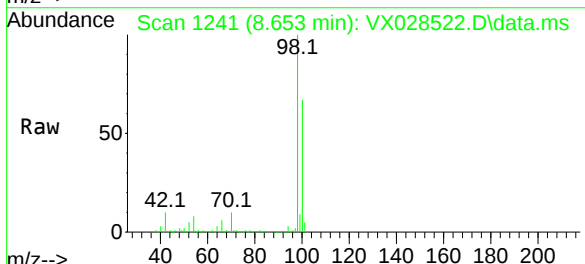
Instrument :
MSVOA_X
ClientSampleId :
EFF0522

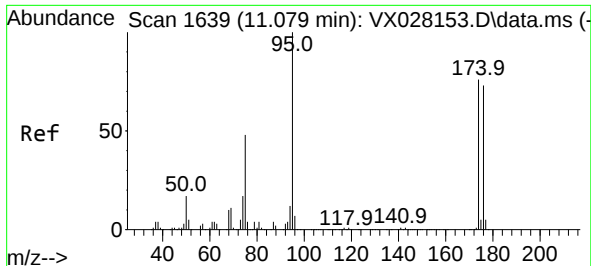
Tgt Ion:117 Resp: 40276
Ion Ratio Lower Upper
117 100
119 4.8 77.3 115.9#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 49.513 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX028522.D
Acq: 04 May 2022 15:29

Tgt Ion: 98 Resp: 925922
Ion Ratio Lower Upper
98 100
100 65.7 52.6 78.8

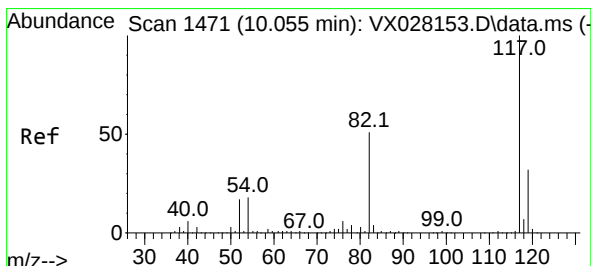
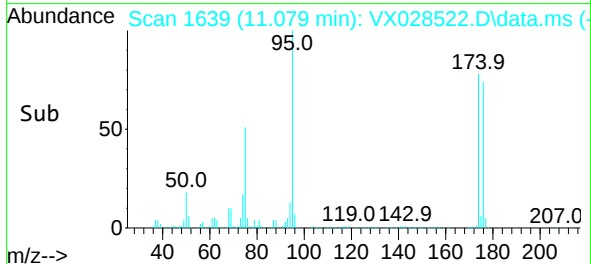
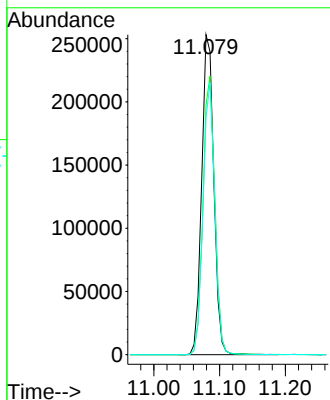
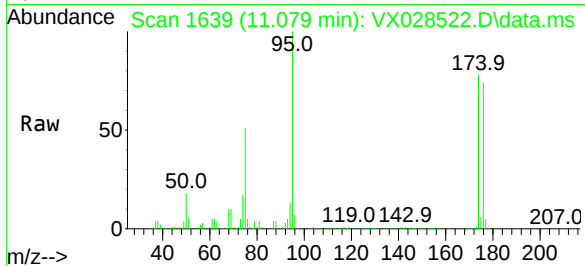




#62
4-Bromofluorobenzene
Concen: 45.413 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX028522.D
Acq: 04 May 2022 15:29

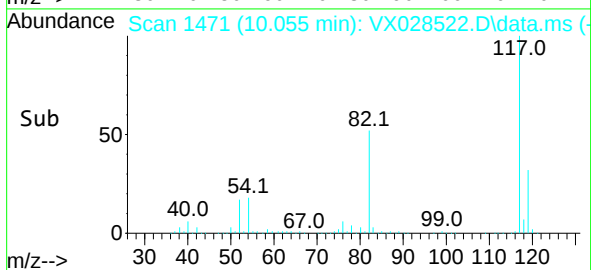
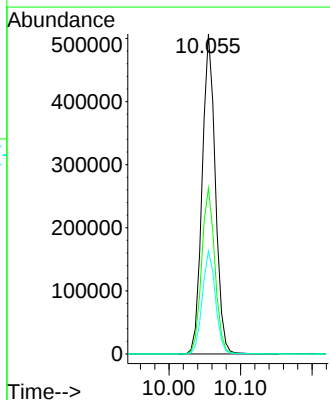
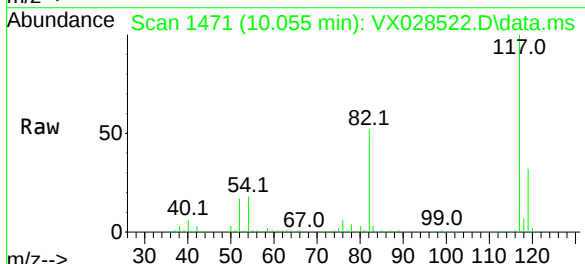
Instrument :
MSVOA_X
ClientSampleId :
EFF0522

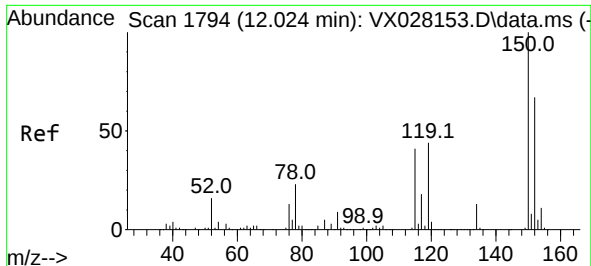
Tgt Ion: 95 Resp: 324718
Ion Ratio Lower Upper
95 100
174 85.5 0.0 163.0
176 82.7 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028522.D
Acq: 04 May 2022 15:29

Tgt Ion: 117 Resp: 649947
Ion Ratio Lower Upper
117 100
82 51.8 41.8 62.8
119 32.2 24.8 37.2

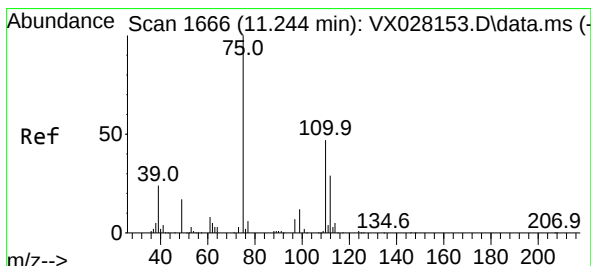
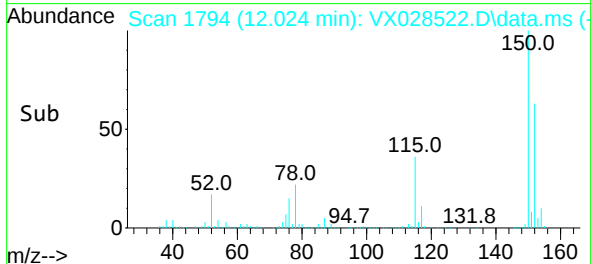
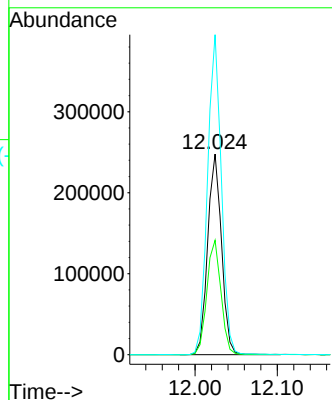
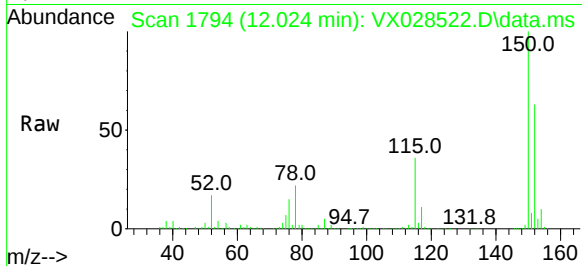




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX028522.D
 Acq: 04 May 2022 15:29

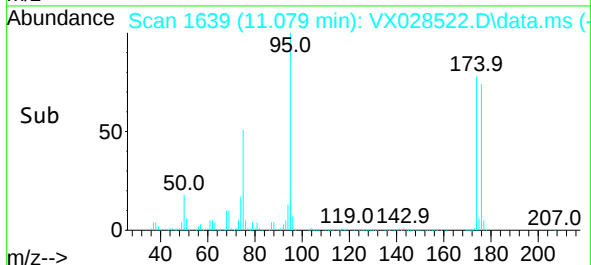
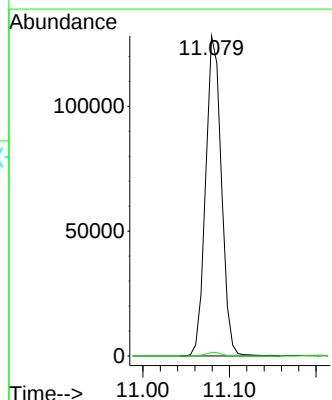
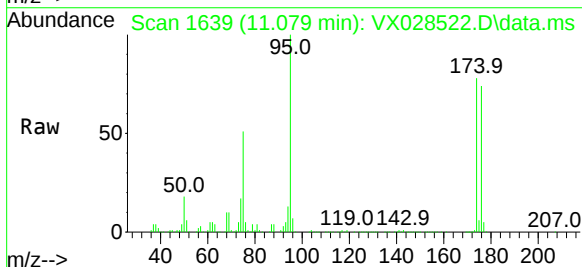
Instrument :
 MSVOA_X
 ClientSampleId :
 EFF0522

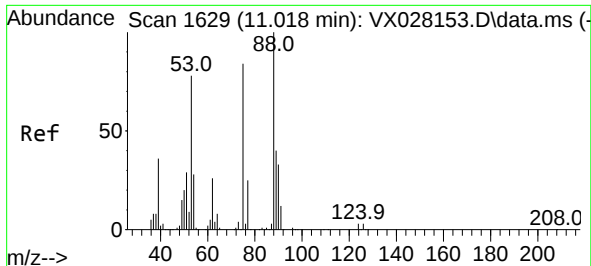
Tgt Ion:152 Resp: 290592
 Ion Ratio Lower Upper
 152 100
 115 58.1 37.5 112.7
 150 158.7 0.0 338.2



#76
 1,2,3-Trichloropropane
 Concen: 28.357 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX028522.D
 Acq: 04 May 2022 15:29

Tgt Ion: 75 Resp: 162175
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.4 58.2#

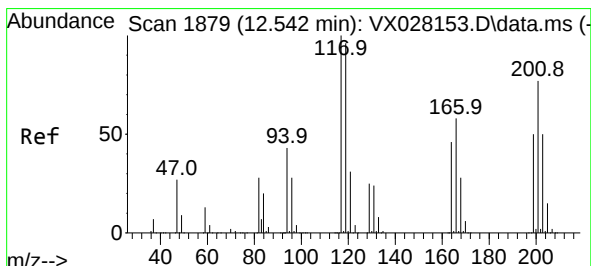
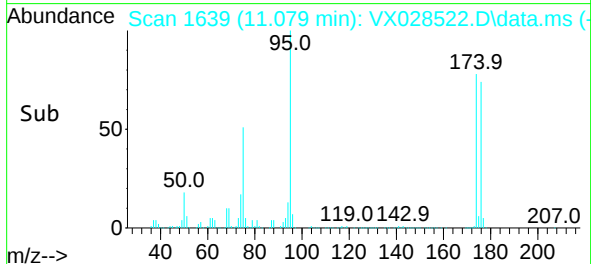
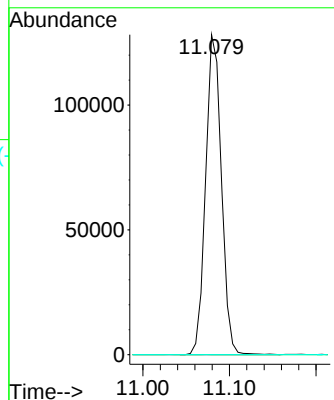
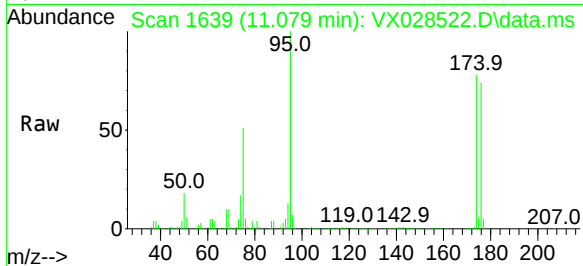




#81
trans-1,4-Dichloro-2-butene
Concen: 84.270 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX028522.D
Acq: 04 May 2022 15:29

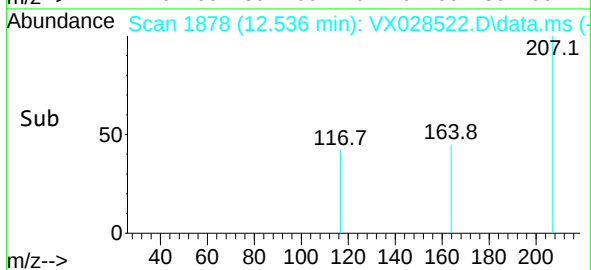
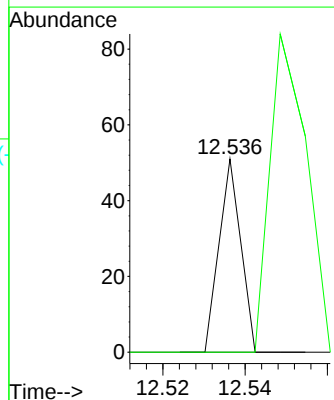
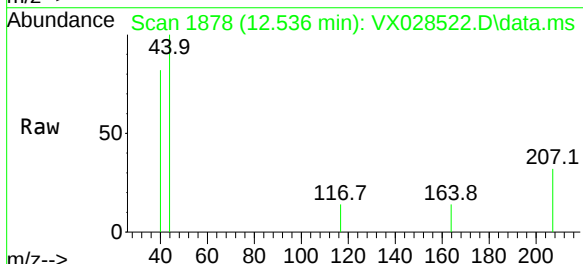
Instrument :
MSVOA_X
ClientSampleId :
EFF0522

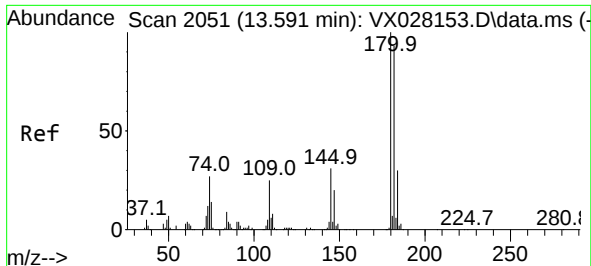
Tgt Ion: 75 Resp: 162175
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#



#90
Hexachloroethane
Concen: 1.819 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.006 min
Lab File: VX028522.D
Acq: 04 May 2022 15:29

Tgt Ion: 117 Resp: 19
Ion Ratio Lower Upper
117 100
201 273.7 39.5 118.5#

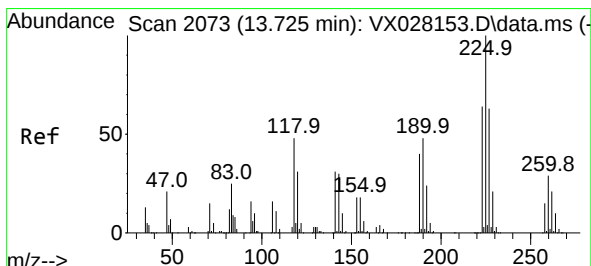
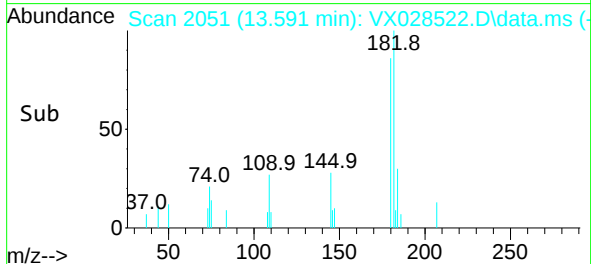
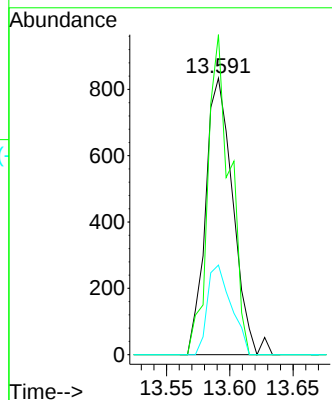
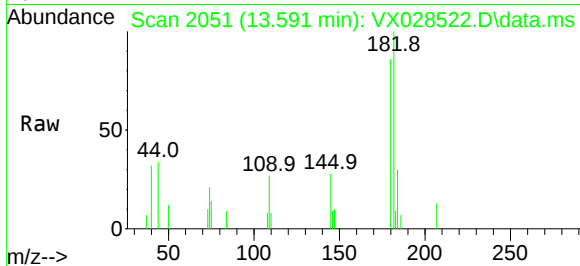




#93
 1,2,4-Trichlorobenzene
 Concen: 0.218 ug/l
 RT: 13.591 min Scan# 2051
 Delta R.T. 0.000 min
 Lab File: VX028522.D
 Acq: 04 May 2022 15:29

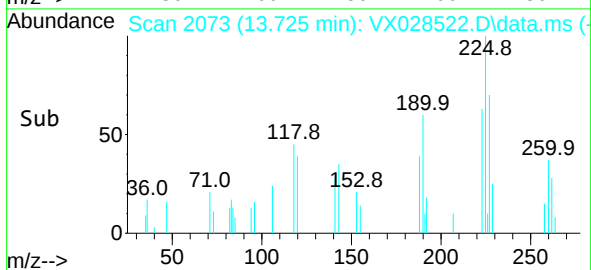
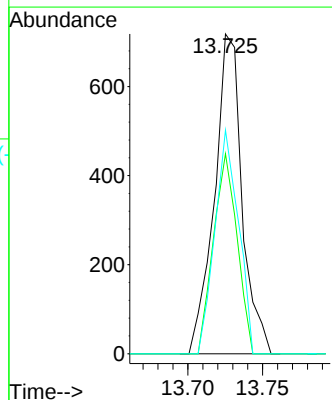
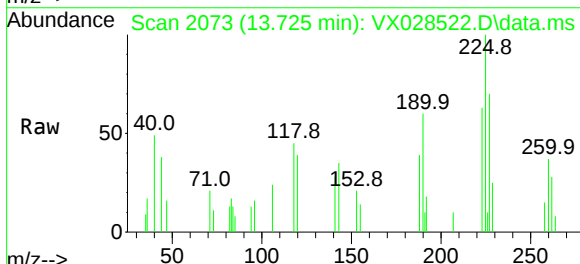
Instrument :
 MSVOA_X
 ClientSampleId :
 EFF0522

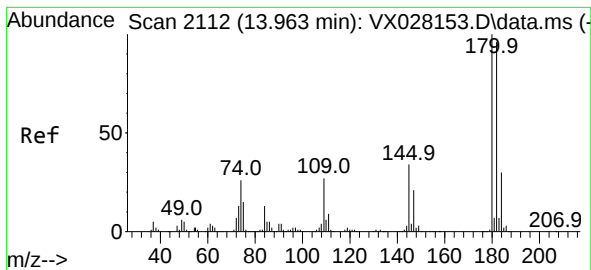
Tgt Ion:180 Resp: 1260
 Ion Ratio Lower Upper
 180 100
 182 94.0 47.7 143.1
 145 28.1 15.2 45.5



#94
 Hexachlorobutadiene
 Concen: 0.357 ug/l
 RT: 13.725 min Scan# 2073
 Delta R.T. 0.000 min
 Lab File: VX028522.D
 Acq: 04 May 2022 15:29

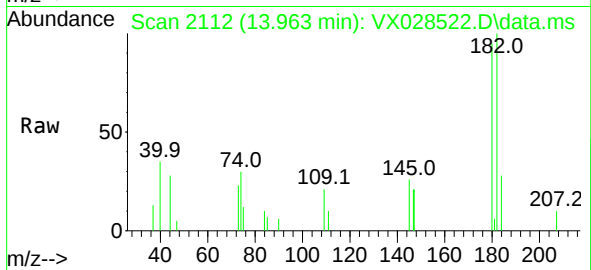
Tgt Ion:225 Resp: 921
 Ion Ratio Lower Upper
 225 100
 223 53.5 34.2 102.5
 227 59.7 33.9 101.7





#96
 1,2,3-Trichlorobenzene
 Concen: 0.249 ug/l
 RT: 13.963 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VX028522.D
 Acq: 04 May 2022 15:29

Instrument :
 MSVOA_X
 ClientSampleId :
 EFF0522



Tgt Ion:	180	Resp:	1411
Ion	Ratio	Lower	Upper
180	100		
182	86.7	50.0	149.8
145	28.0	16.2	48.5

