

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050922\
 Data File : VX028564.D
 Acq On : 09 May 2022 11:49
 Operator : JC/MD
 Sample : VX0509WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0509WBL01

Quant Time: May 09 15:49:30 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)

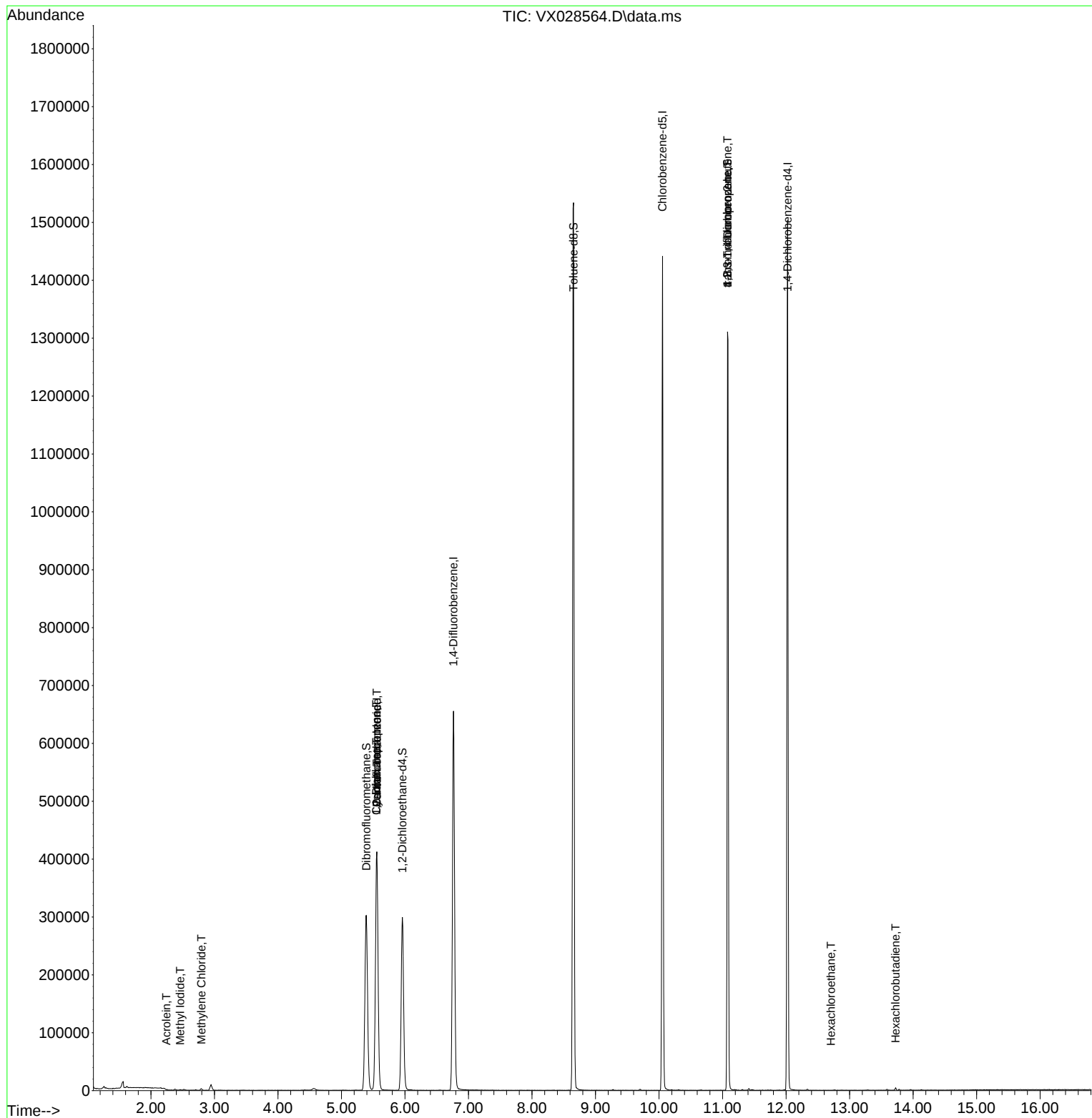
Internal Standards						
1) Pentafluorobenzene	5.556	168	407850	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	694363	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	664339	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	320169	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	281935	53.016	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 106.040%			
35) Dibromofluoromethane	5.391	113	263974	54.210	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 108.420%			
50) Toluene-d8	8.653	98	946163	50.589	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 101.180%			
62) 4-Bromofluorobenzene	11.079	95	342427	47.884	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 95.760%			
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	470	Below Cal	#	80
5) Bromomethane	1.581	94	65	Below Cal	#	3
6) Chloroethane	1.703	64	518	Below Cal	#	43
8) Diethyl Ether	1.977	74	21	Below Cal	#	7
10) Methyl Iodide	2.459	142	980	5.429	ug/l #	45
11) Tert butyl alcohol	2.946	59	5137	Below Cal	#	72
13) Acrolein	2.239	56	193	0.296	ug/l	87
16) Acetone	2.373	43	1668	Below Cal	#	71
20) Methylene Chloride	2.794	84	1069	0.271	ug/l #	69
31) Cyclohexane	5.550	56	7723	1.192	ug/l #	9
36) 1,1-Dichloropropene	5.550	75	29321	4.616	ug/l #	50
38) Carbon Tetrachloride	5.556	117	40082	5.590	ug/l #	15
76) 1,2,3-Trichloropropane	11.079	75	172131	27.317	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	172131	81.180	ug/l #	15
90) Hexachloroethane	12.707	117	19	1.819	ug/l #	10
94) Hexachlorobutadiene	13.725	225	767	0.270	ug/l	86

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

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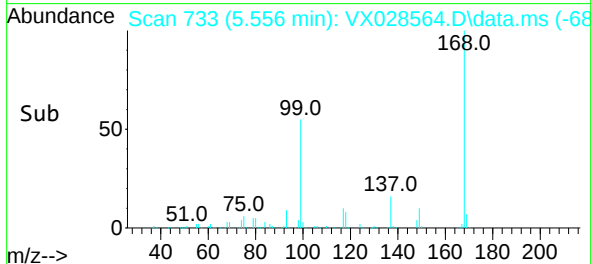
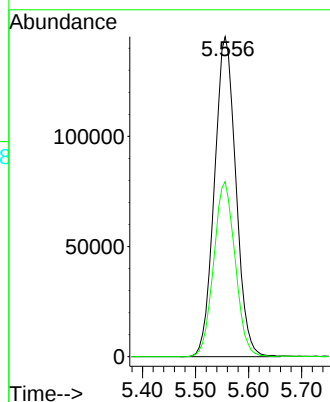
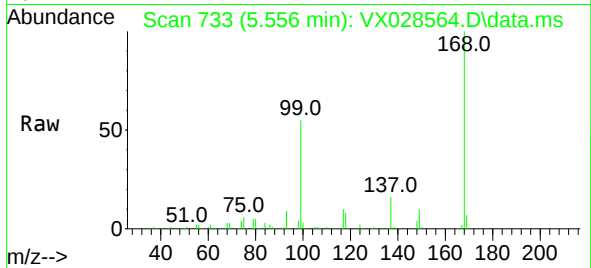




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX028564.D
Acq: 09 May 2022 11:49

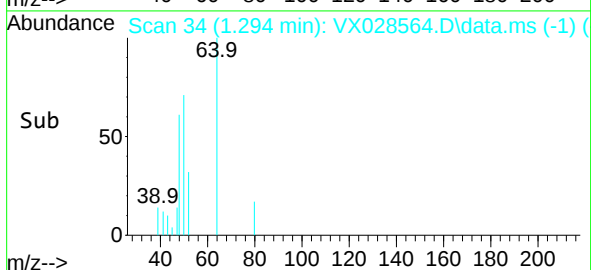
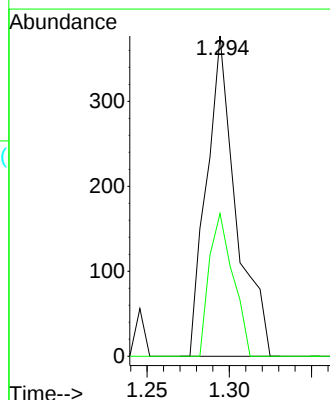
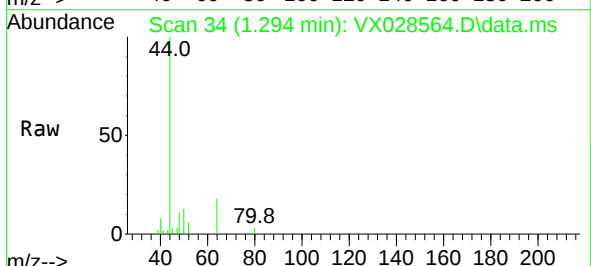
Instrument :
MSVOA_X
ClientSampleId :
VX0509WBL01

Tgt Ion:168 Resp: 407850
Ion Ratio Lower Upper
168 100
99 54.7 41.7 62.5



#3
Chloromethane
Concen: Below Cal
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX028564.D
Acq: 09 May 2022 11:49

Tgt Ion: 50 Resp: 470
Ion Ratio Lower Upper
50 100
52 44.6 26.4 39.6#

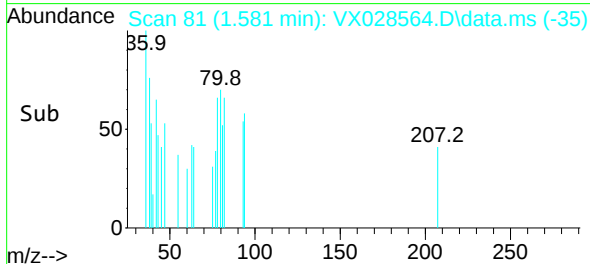
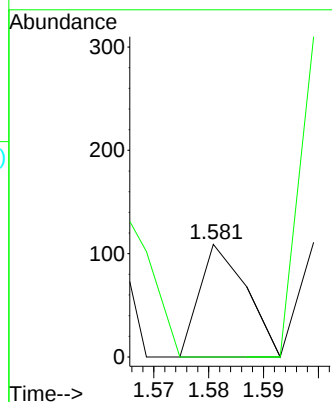
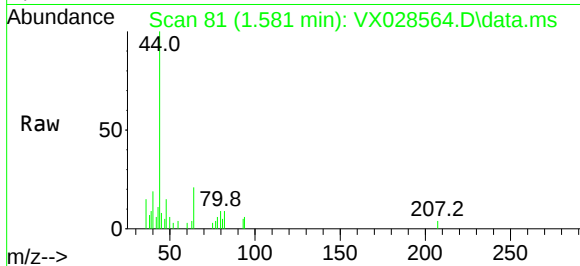




#5
Bromomethane
Concen: Below Cal
RT: 1.581 min Scan# 81
Delta R.T. -0.018 min
Lab File: VX028564.D
Acq: 09 May 2022 11:49

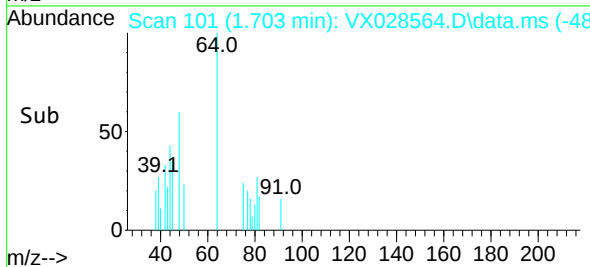
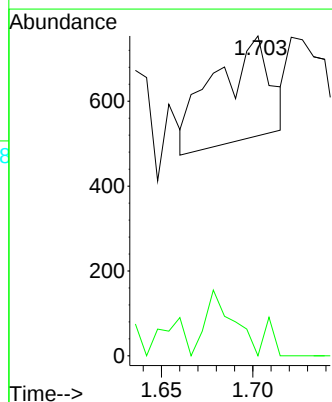
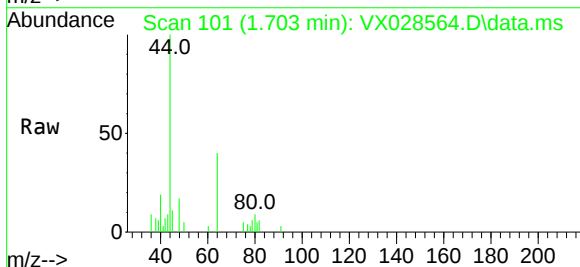
Instrument :
MSVOA_X
ClientSampleId :
VX0509WBL01

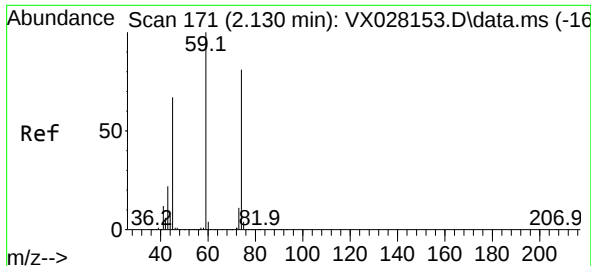
Tgt Ion: 94 Resp: 65
Ion Ratio Lower Upper
94 100
96 0.0 75.3 112.9#



#6
Chloroethane
Concen: Below Cal
RT: 1.703 min Scan# 101
Delta R.T. 0.025 min
Lab File: VX028564.D
Acq: 09 May 2022 11:49

Tgt Ion: 64 Resp: 518
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#

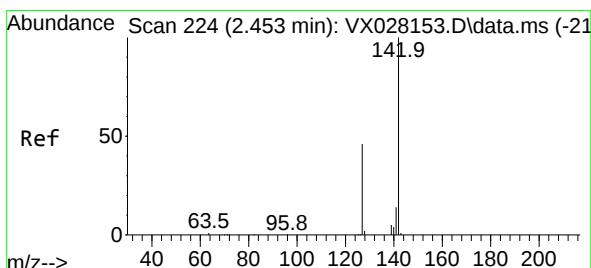
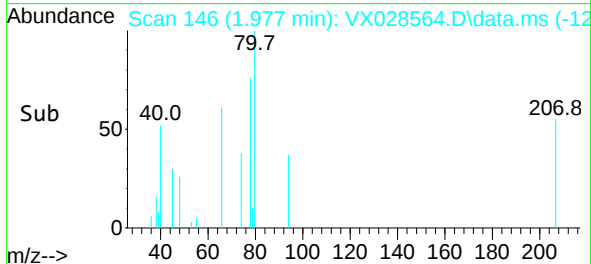
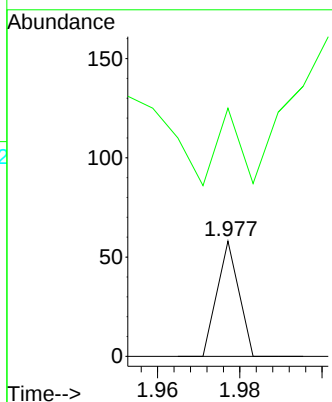
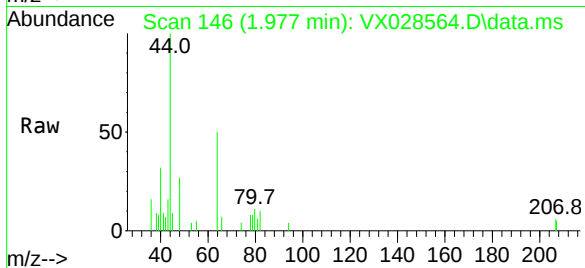




#8
Diethyl Ether
Concen: Below Cal
RT: 1.977 min Scan# 14
Delta R.T. -0.153 min
Lab File: VX028564.D
Acq: 09 May 2022 11:49

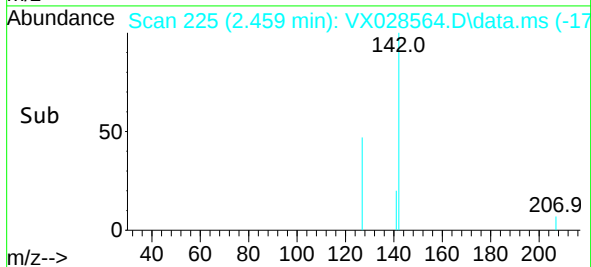
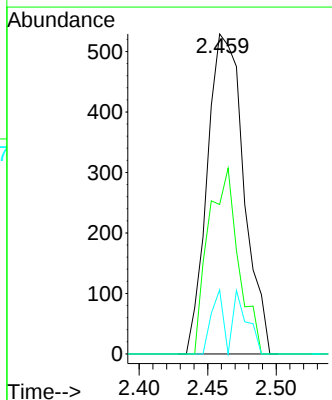
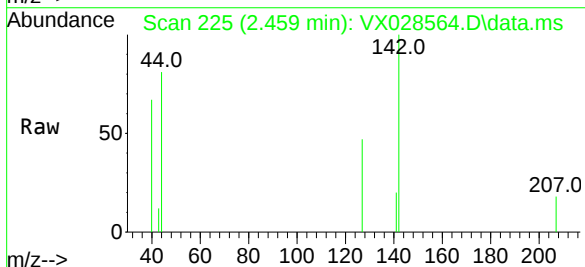
Instrument :
MSVOA_X
ClientSampleId :
VX0509WBL01

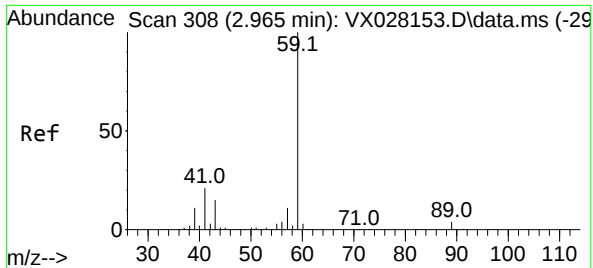
Tgt Ion: 74 Resp: 21
Ion Ratio Lower Upper
74 100
45 0.0 42.0 126.0#



#10
Methyl Iodide
Concen: 5.429 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX028564.D
Acq: 09 May 2022 11:49

Tgt Ion:142 Resp: 980
Ion Ratio Lower Upper
142 100
127 0.0 33.9 50.9#
141 6.4 11.4 17.2#

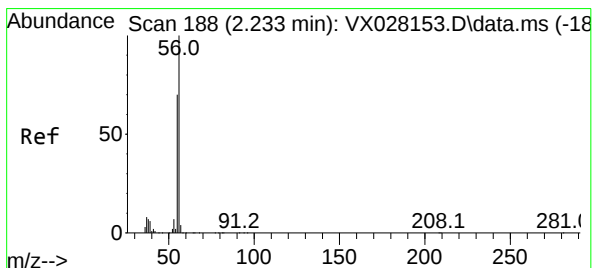
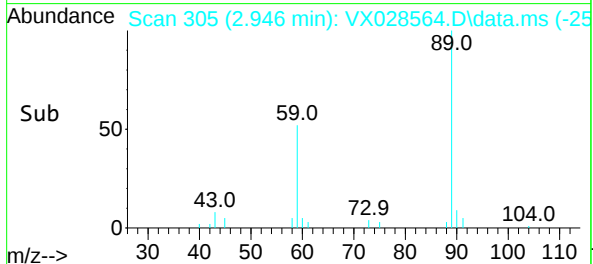
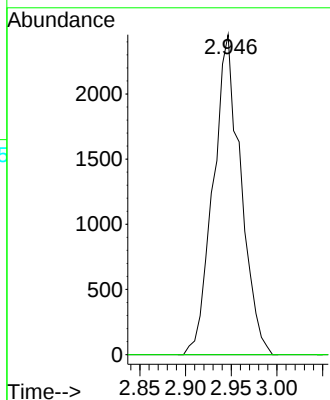
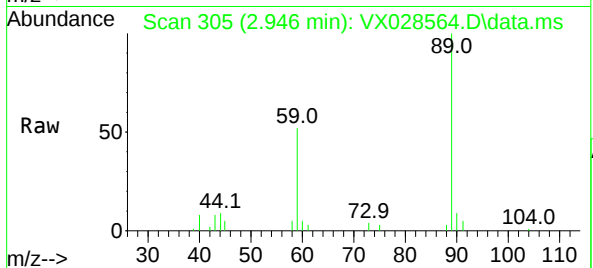




#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.946 min Scan# 308
Delta R.T. -0.019 min
Lab File: VX028564.D
Acq: 09 May 2022 11:49

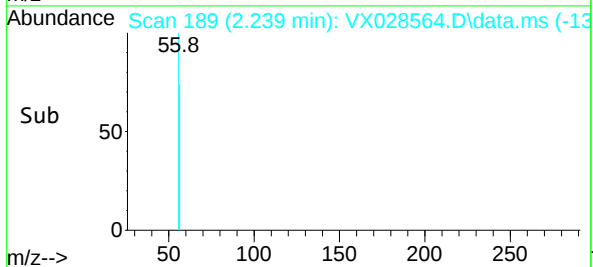
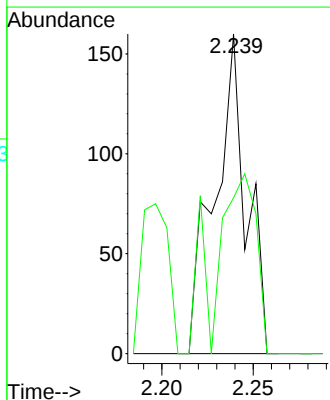
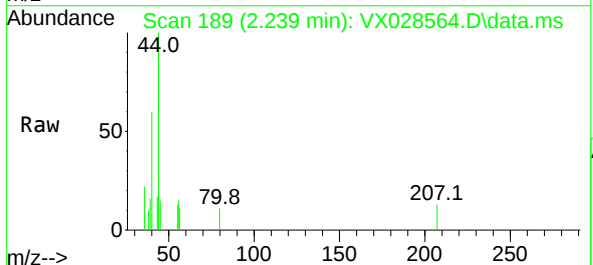
Instrument :
MSVOA_X
ClientSampleId :
VX0509WBL01

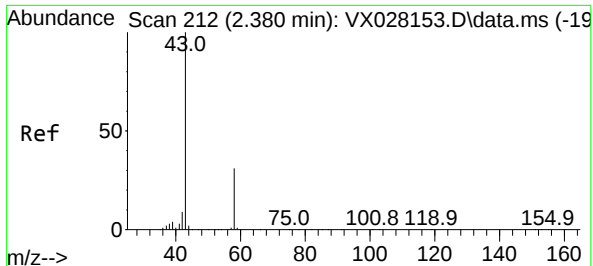
Tgt Ion: 59 Resp: 5137
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#13
Acrolein
Concen: 0.296 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.006 min
Lab File: VX028564.D
Acq: 09 May 2022 11:49

Tgt Ion: 56 Resp: 193
Ion Ratio Lower Upper
56 100
55 58.0 55.0 82.6

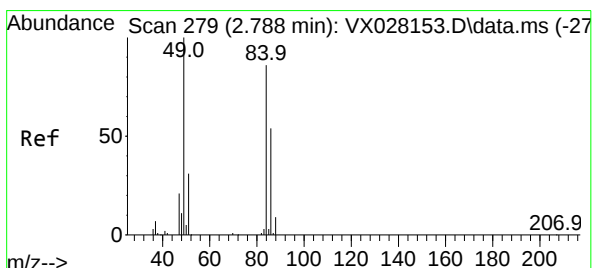
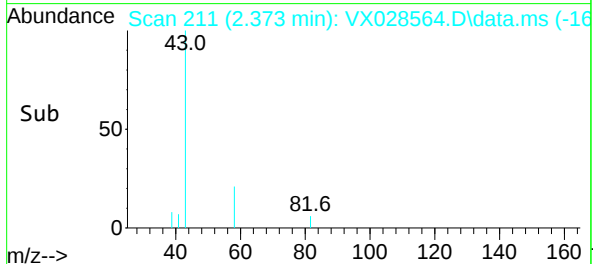
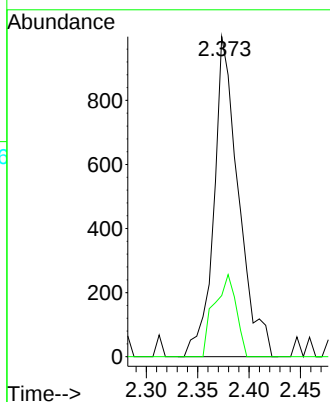
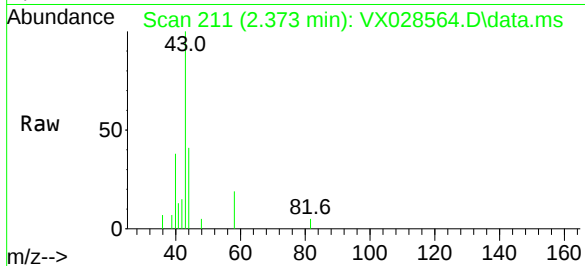




#16
Acetone
Concen: Below Cal
RT: 2.373 min Scan# 21
Delta R.T. -0.007 min
Lab File: VX028564.D
Acq: 09 May 2022 11:49

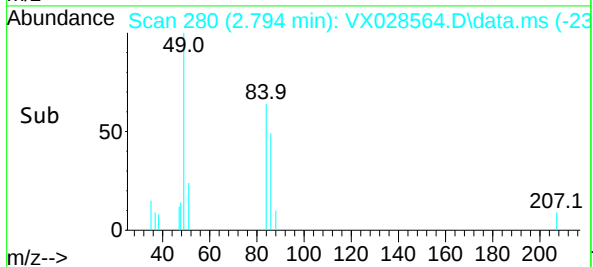
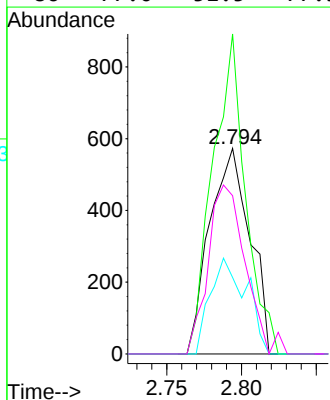
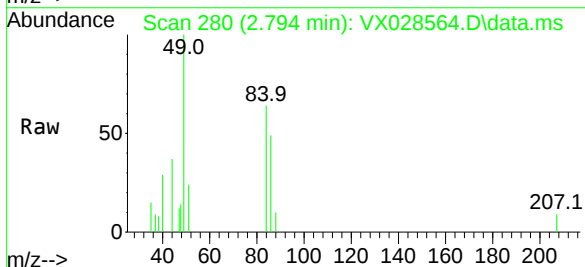
Instrument :
MSVOA_X
ClientSampleId :
VX0509WBL01

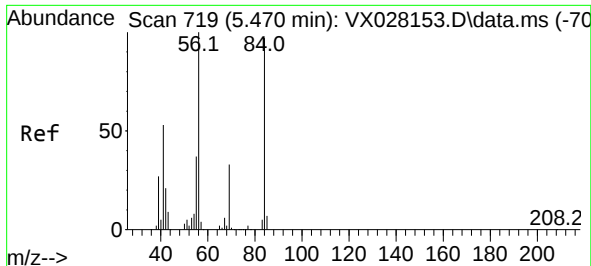
Tgt Ion: 43 Resp: 1668
Ion Ratio Lower Upper
43 100
58 19.1 28.8 43.2#



#20
Methylene Chloride
Concen: 0.271 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX028564.D
Acq: 09 May 2022 11:49

Tgt Ion: 84 Resp: 1069
Ion Ratio Lower Upper
84 100
49 155.7 85.5 128.3#
51 37.2 26.6 39.8
86 77.0 51.5 77.3

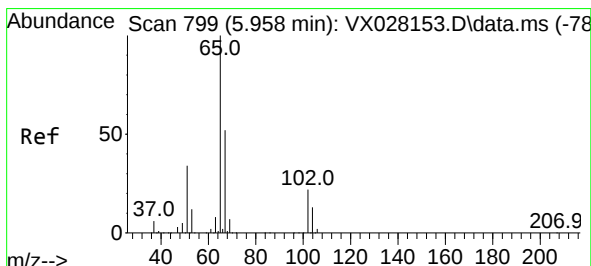
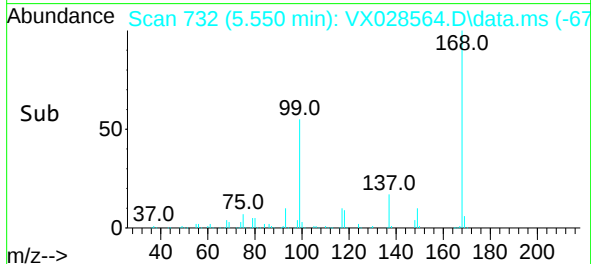
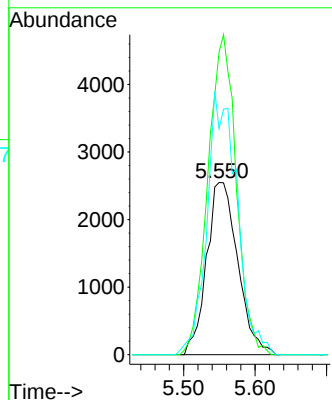
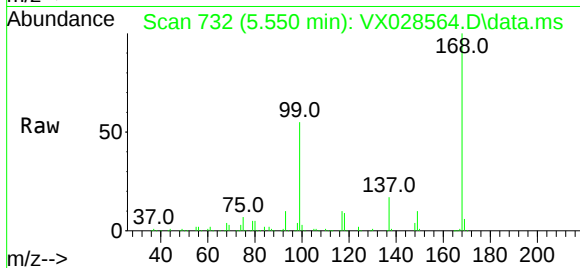




#31
Cyclohexane
Concen: 1.192 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.080 min
Lab File: VX028564.D
Acq: 09 May 2022 11:49

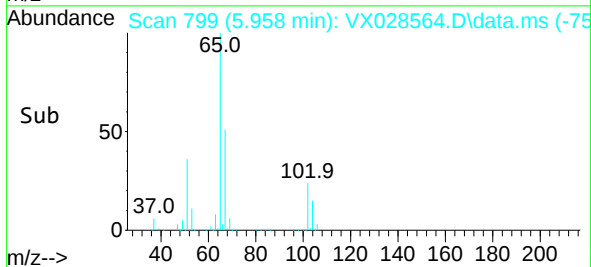
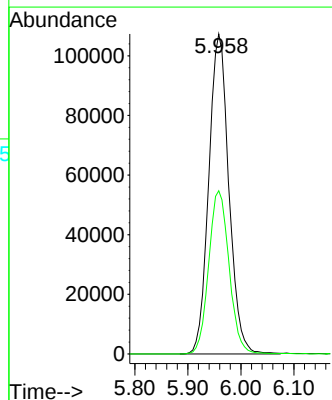
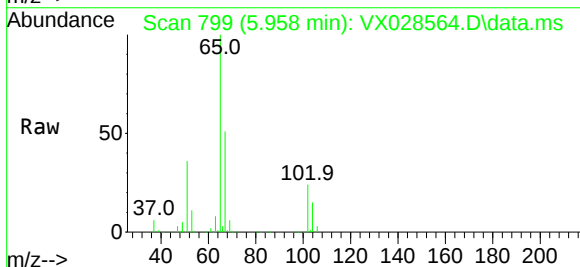
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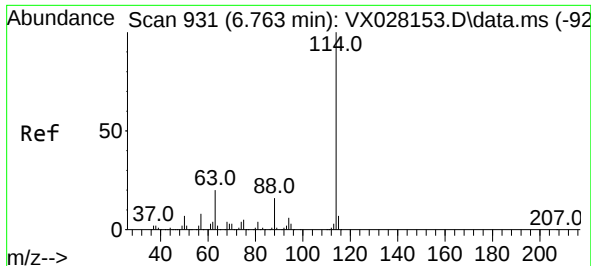
Tgt Ion: 56 Resp: 7723
Ion Ratio Lower Upper
56 100
69 175.8 26.7 40.1#
84 131.5 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 53.016 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX028564.D
Acq: 09 May 2022 11:49

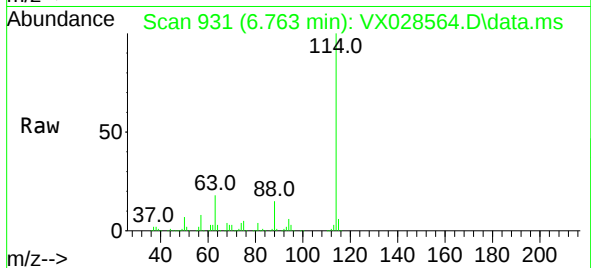
Tgt Ion: 65 Resp: 281935
Ion Ratio Lower Upper
65 100
67 51.8 0.0 107.4



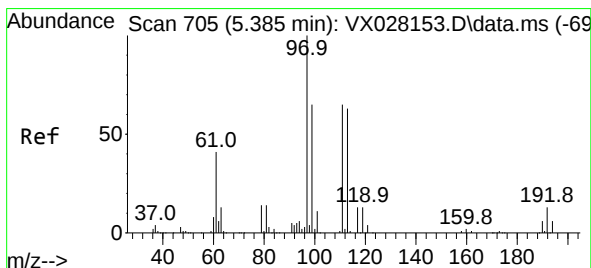
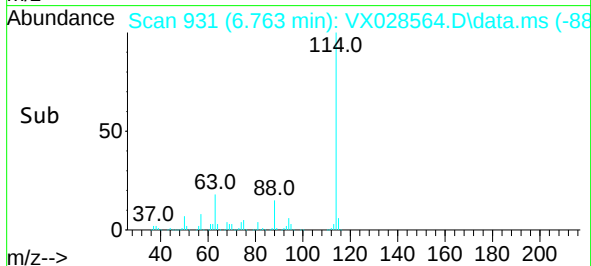
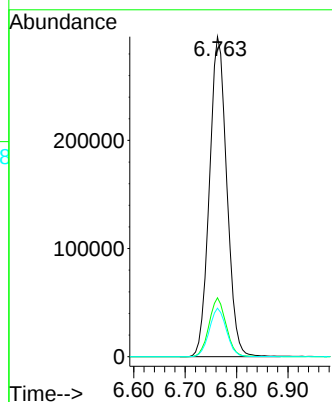


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX028564.D
Acq: 09 May 2022 11:49

Instrument :
MSVOA_X
ClientSampleId :
VX0509WBL01

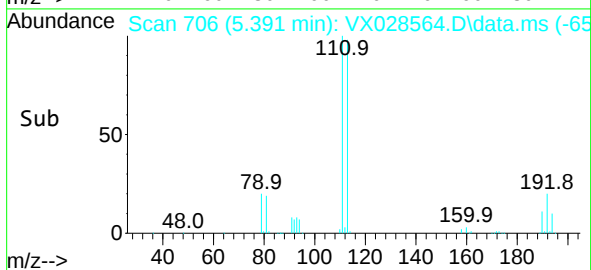
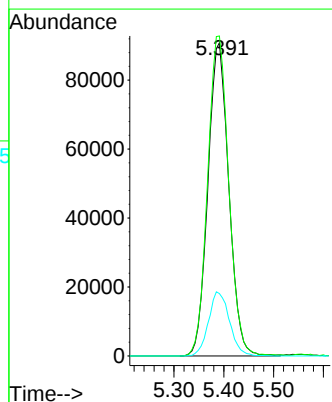
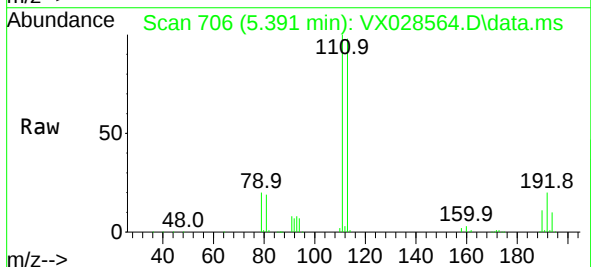


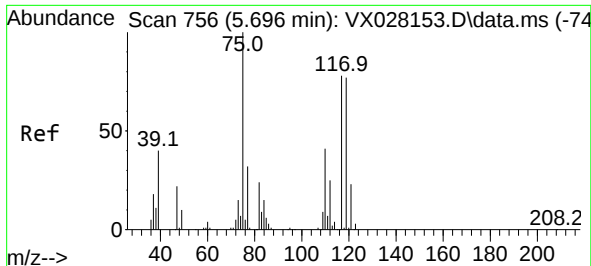
Tgt Ion:114 Resp: 694363
Ion Ratio Lower Upper
114 100
63 18.4 0.0 36.8
88 15.2 0.0 32.4



#35
Dibromofluoromethane
Concen: 54.210 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX028564.D
Acq: 09 May 2022 11:49

Tgt Ion:113 Resp: 263974
Ion Ratio Lower Upper
113 100
111 103.6 82.8 124.2
192 20.6 16.9 25.3

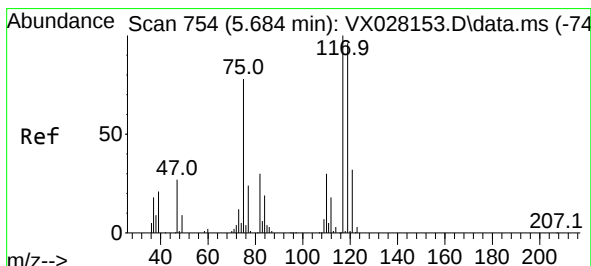
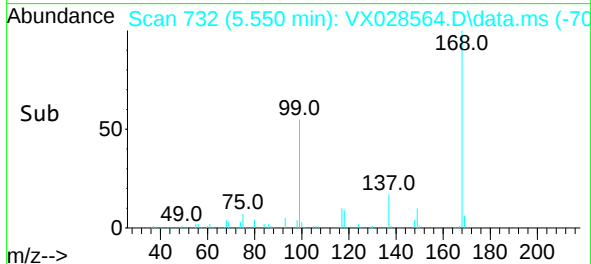
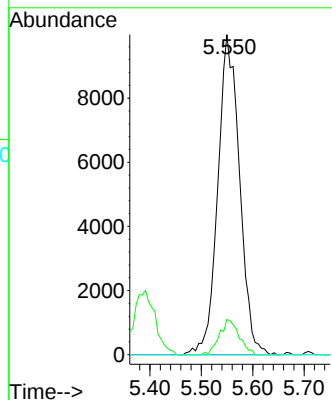
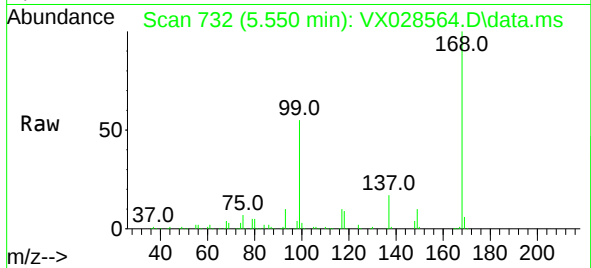




#36
1,1-Dichloropropene
Concen: 4.616 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.146 min
Lab File: VX028564.D
Acq: 09 May 2022 11:49

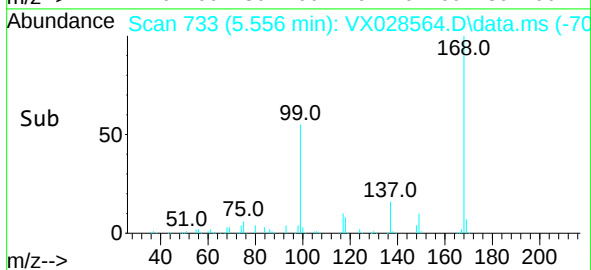
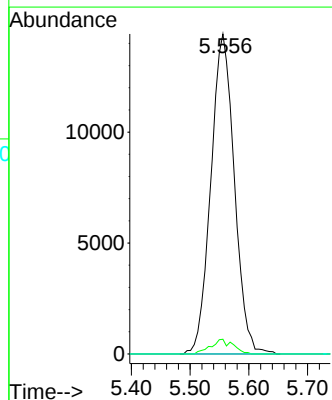
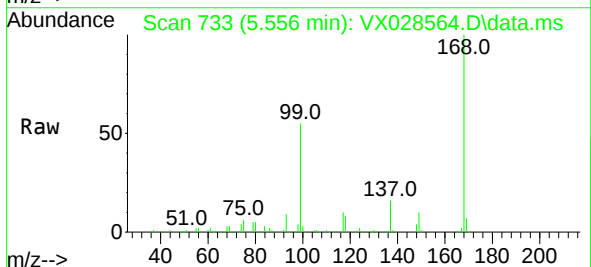
Instrument :
MSVOA_X
ClientSampleId :
VX0509WBL01

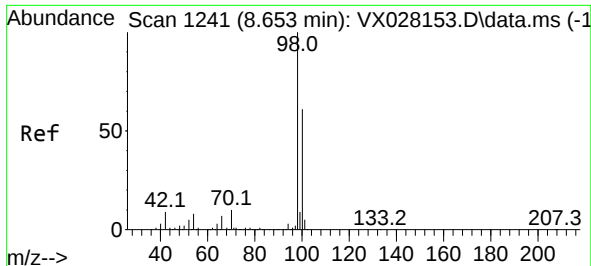
Tgt Ion: 75 Resp: 29321
Ion Ratio Lower Upper
75 100
110 9.9 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 5.590 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX028564.D
Acq: 09 May 2022 11:49

Tgt Ion: 117 Resp: 40082
Ion Ratio Lower Upper
117 100
119 4.6 77.3 115.9#
121 0.0 24.2 36.2#

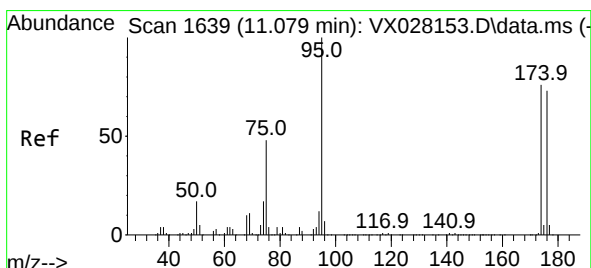
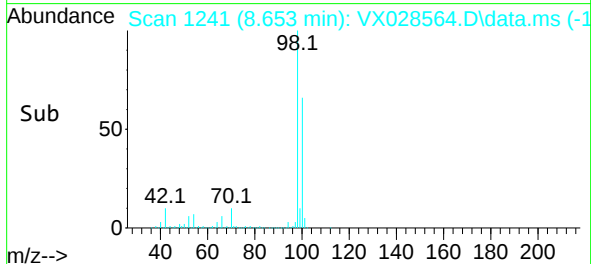
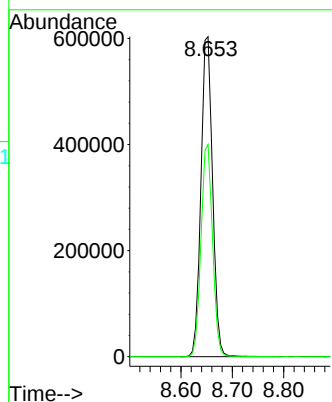
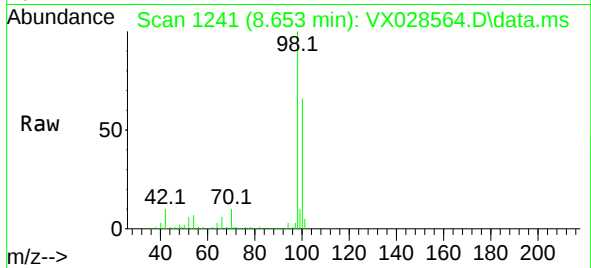




#50
Toluene-d8
Concen: 50.589 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX028564.D
Acq: 09 May 2022 11:49

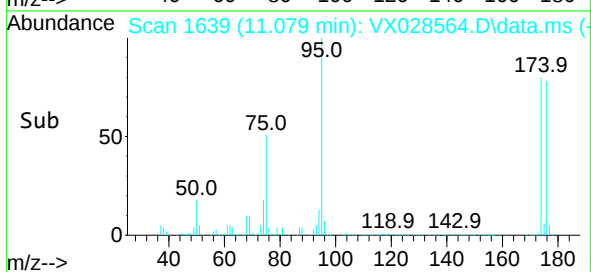
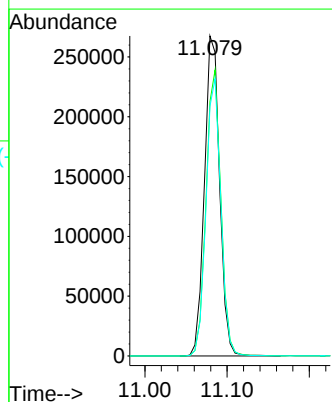
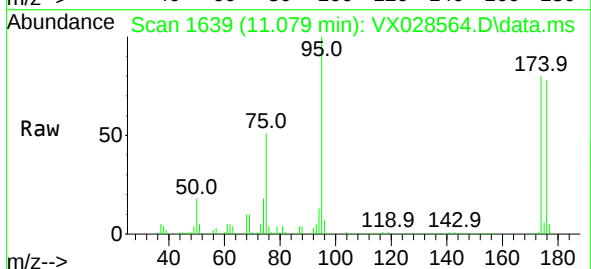
Instrument :
MSVOA_X
ClientSampleId :
VX0509WBL01

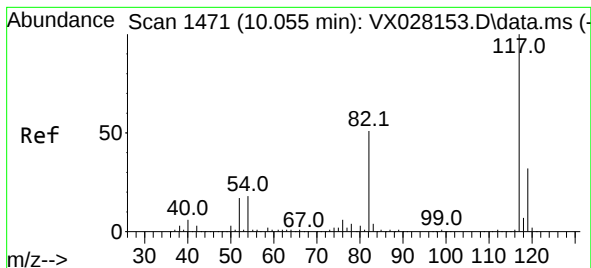
Tgt Ion: 98 Resp: 946163
Ion Ratio Lower Upper
98 100
100 65.9 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 47.884 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX028564.D
Acq: 09 May 2022 11:49

Tgt Ion: 95 Resp: 342427
Ion Ratio Lower Upper
95 100
174 87.5 0.0 163.0
176 85.0 0.0 155.0

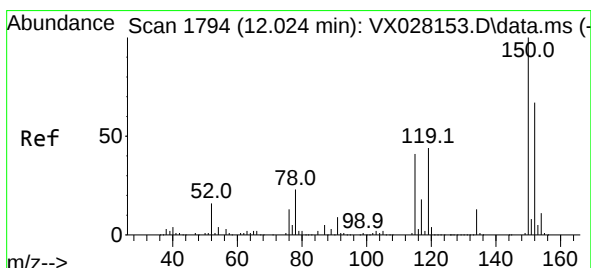
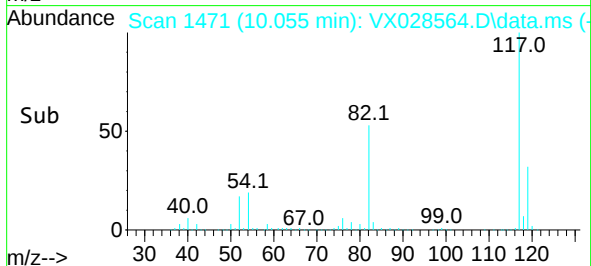
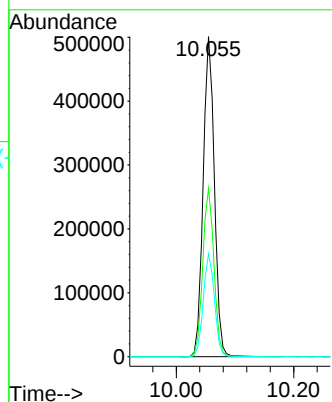
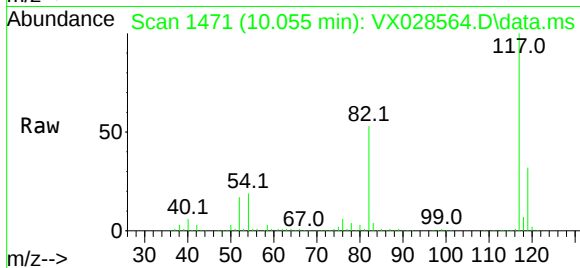




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX028564.D
Acq: 09 May 2022 11:49

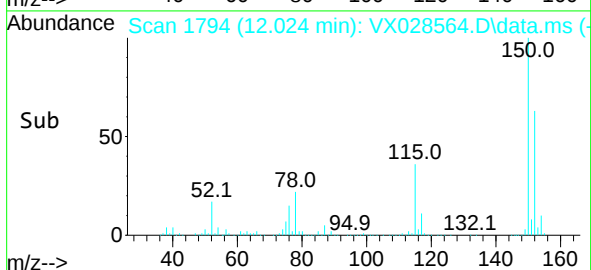
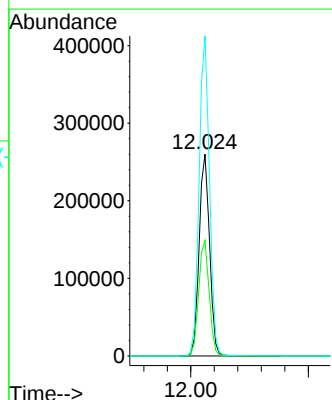
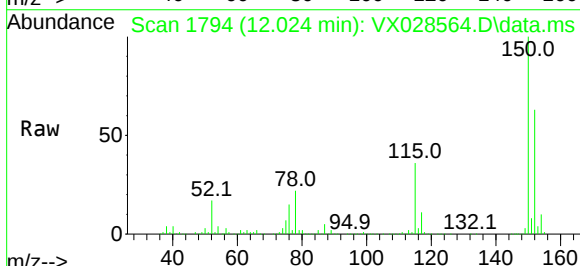
Instrument :
MSVOA_X
ClientSampleId :
VX0509WBL01

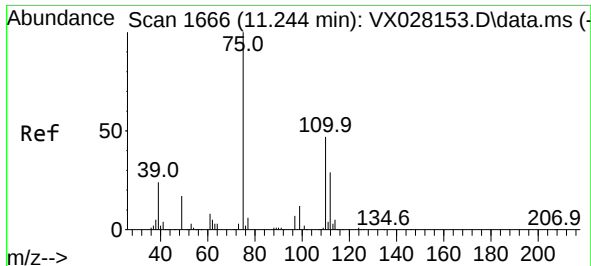
Tgt Ion:117 Resp: 664339
Ion Ratio Lower Upper
117 100
82 52.6 41.8 62.8
119 32.1 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX028564.D
Acq: 09 May 2022 11:49

Tgt Ion:152 Resp: 320169
Ion Ratio Lower Upper
152 100
115 57.8 37.5 112.7
150 157.6 0.0 338.2

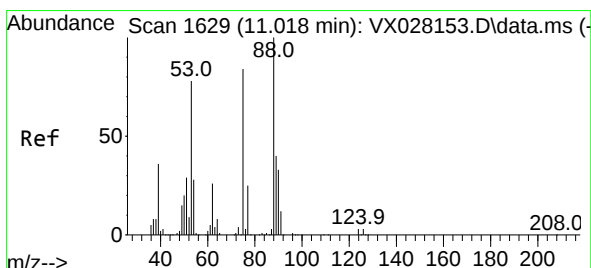
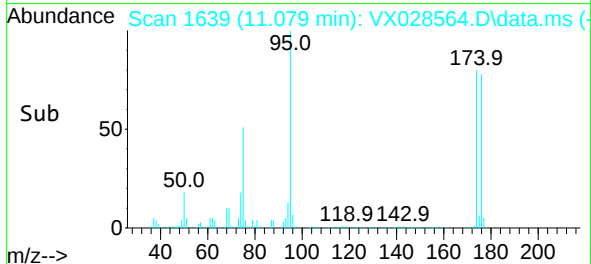
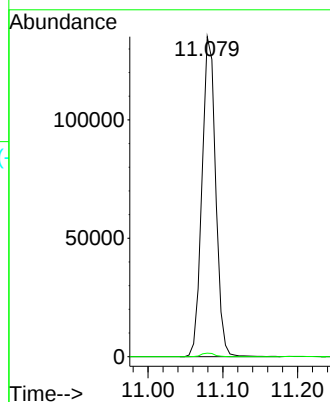
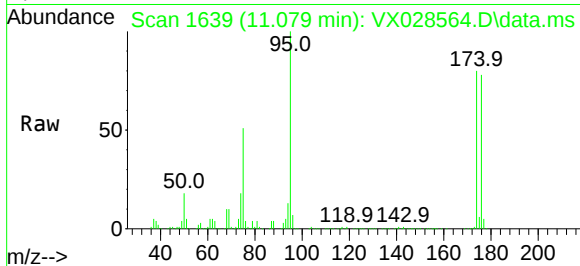




#76
1,2,3-Trichloropropane
Concen: 27.317 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX028564.D
Acq: 09 May 2022 11:49

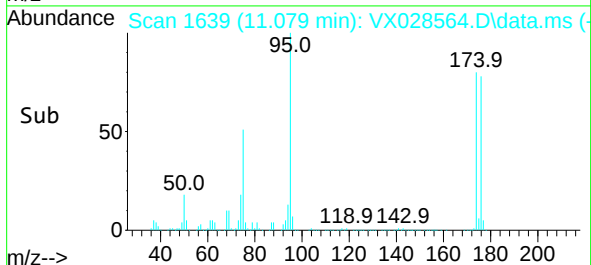
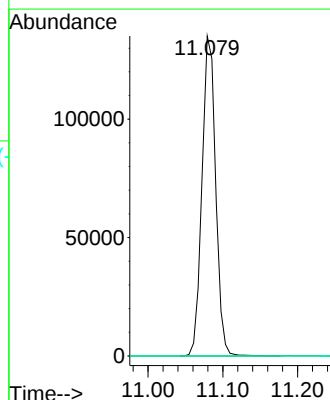
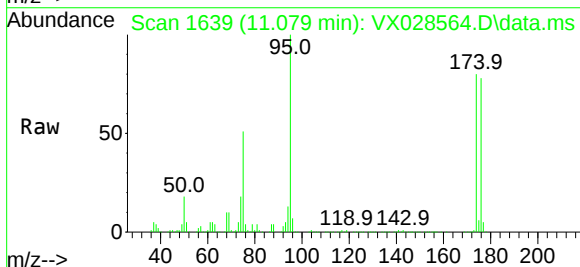
Instrument :
MSVOA_X
ClientSampleId :
VX0509WBL01

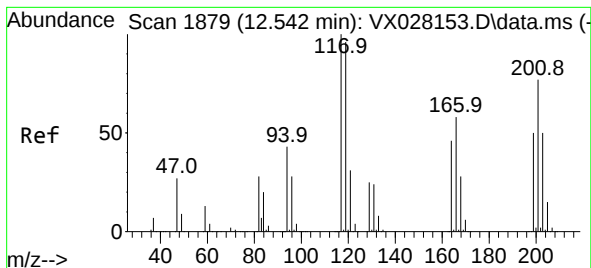
Tgt Ion: 75 Resp: 172131
Ion Ratio Lower Upper
75 100
77 1.1 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 81.180 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX028564.D
Acq: 09 May 2022 11:49

Tgt Ion: 75 Resp: 172131
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: 12.707 min Scan# 1906

Delta R.T. 0.165 min

Lab File: VX028564.D

Acq: 09 May 2022 11:49

Instrument :

MSVOA_X

ClientSampleId :

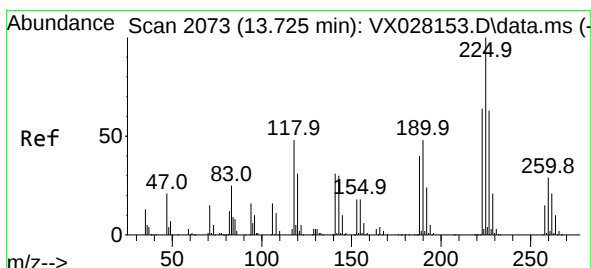
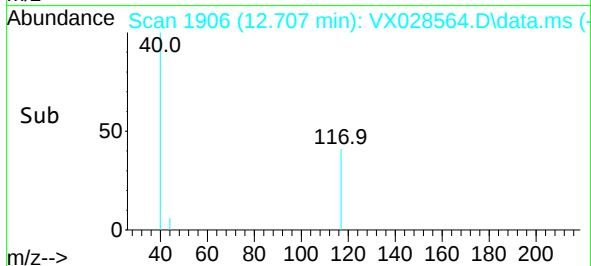
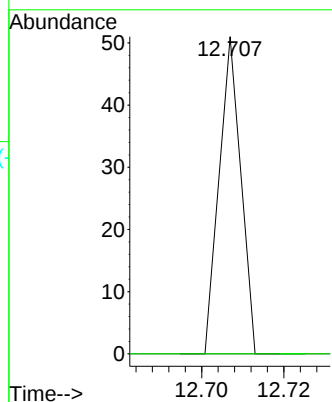
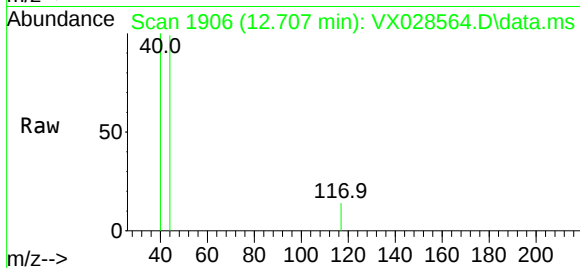
VX0509WBL01

Tgt Ion:117 Resp: 19

Ion Ratio Lower Upper

117 100

201 0.0 39.5 118.5#



#94

Hexachlorobutadiene

Concen: 0.270 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX028564.D

Acq: 09 May 2022 11:49

Tgt Ion:225 Resp: 767

Ion Ratio Lower Upper

225 100

223 60.1 34.2 102.5

227 53.6 33.9 101.7

