

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092722\
 Data File : VX031690.D
 Acq On : 27 Sep 2022 10:00
 Operator : JC/MD
 Sample : VX0927WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0927WBL01

Quant Time: Sep 27 12:20:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092622W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 27 01:44:18 2022
 Response via : Initial Calibration

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

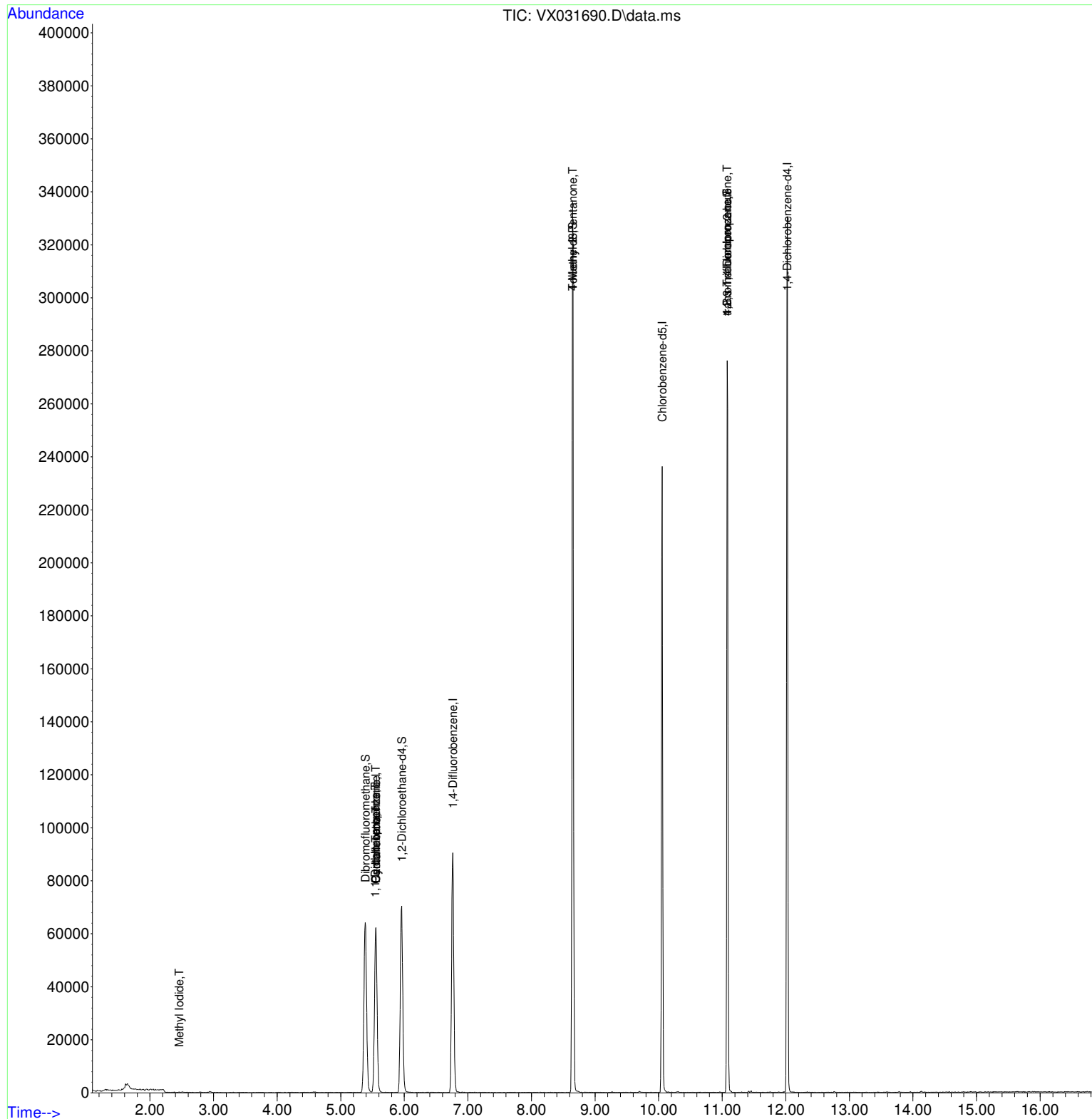
Internal Standards						
1) Pentafluorobenzene	5.556	168	60035	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	92170	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	103202	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	66254	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	67840	53.24	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.48%			
35) Dibromofluoromethane	5.391	113	53437	48.66	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.32%			
50) Toluene-d8	8.647	98	198092	49.75	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.50%			
62) 4-Bromofluorobenzene	11.079	95	68220	46.75	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 93.50%			
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	64	Below Cal	#	41
5) Bromomethane	1.617	94	448	Below Cal		88
6) Chloroethane	1.947	64	91	Below Cal	#	43
7) Trichlorofluoromethane	1.892	101	29	Below Cal	#	18
10) Methyl Iodide	2.459	142	223	0.29 ug/l	#	38
11) Tert butyl alcohol	2.940	59	196	Below Cal	#	73
16) Acetone	2.221	43	24	Below Cal	#	45
17) Carbon Disulfide	2.508	76	278	Below Cal	#	75
20) Methylene Chloride	2.776	84	97	Below Cal	#	4
31) Cyclohexane	5.556	56	1301	1.07 ug/l	#	26
36) 1,1-Dichloropropene	5.544	75	4533	3.59 ug/l	#	48
38) Carbon Tetrachloride	5.550	117	6065	4.27 ug/l	#	17
51) 4-Methyl-2-Pentanone	8.647	43	861	0.68 ug/l	#	1
76) 1,2,3-Trichloropropane	11.079	75	37954	32.10 ug/l	#	37
81) trans-1,4-Dichloro-2-b...	11.079	75	37954	103.99 ug/l	#	11

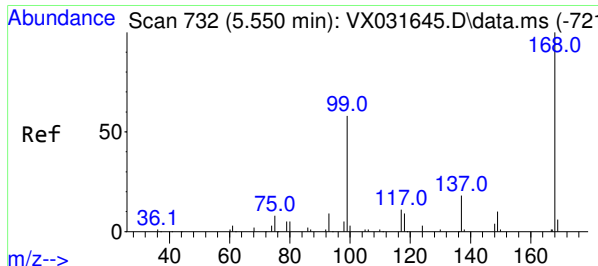
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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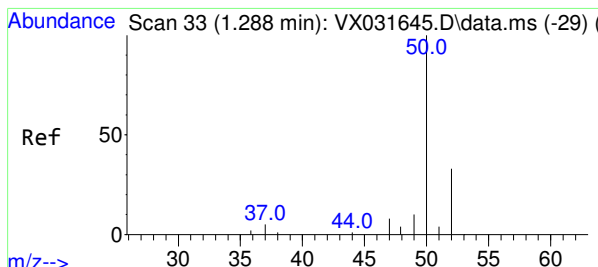
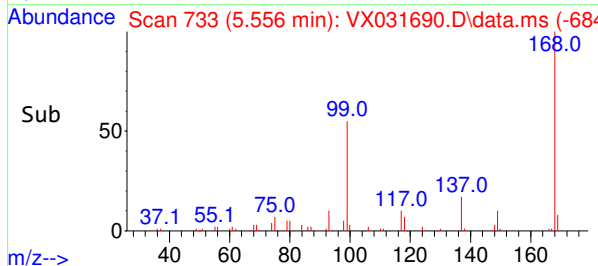
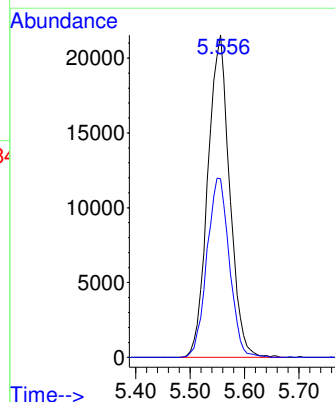
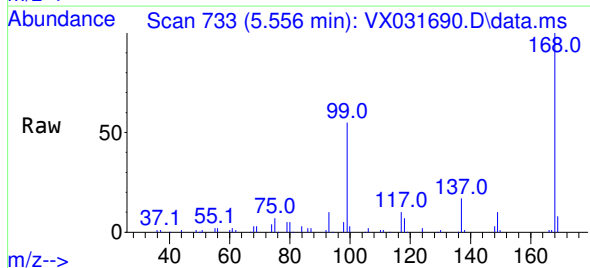




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.556 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX031690.D
Acq: 27 Sep 2022 10:00

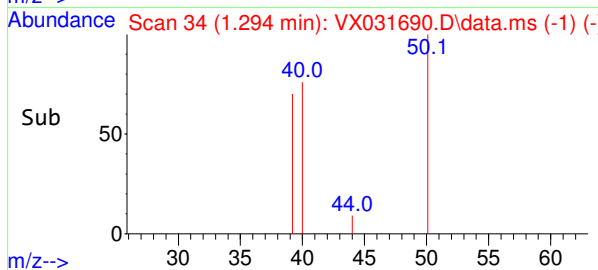
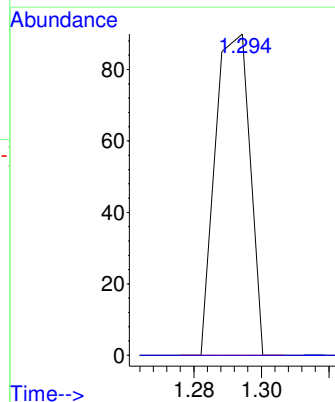
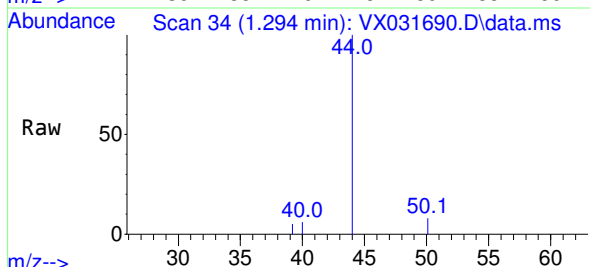
Instrument :
MSVOA_X
ClientSampleId :
VX0927WBL01

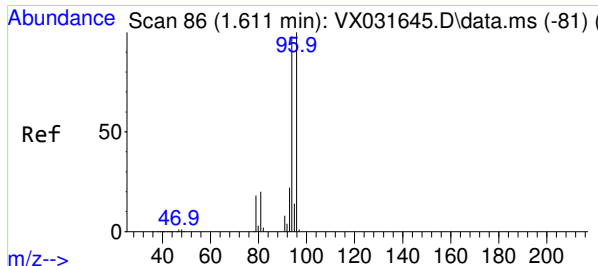
Tgt Ion:168 Resp: 60035
Ion Ratio Lower Upper
168 100
99 55.4 48.8 73.2



#3
Chloromethane
Concen: Below Cal
RT: 1.294 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX031690.D
Acq: 27 Sep 2022 10:00

Tgt Ion: 50 Resp: 64
Ion Ratio Lower Upper
50 100
52 0.0 26.9 40.3#

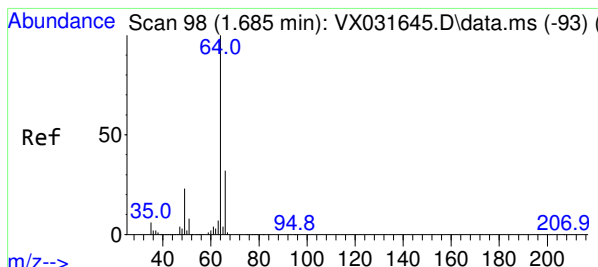
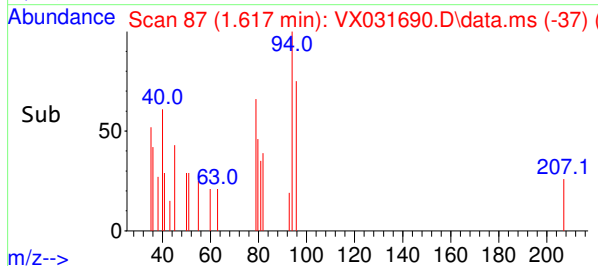
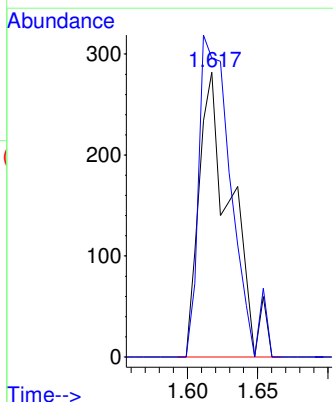
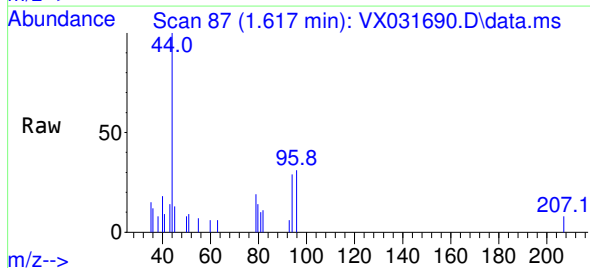




#5
Bromomethane
Concen: Below Cal
RT: 1.617 min Scan# 8
Delta R.T. 0.006 min
Lab File: VX031690.D
Acq: 27 Sep 2022 10:00

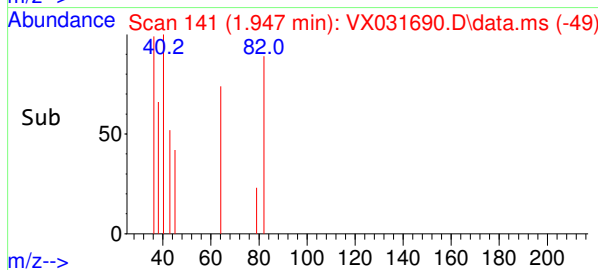
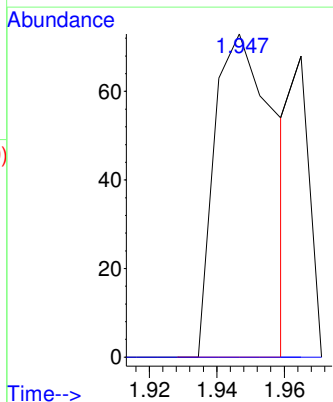
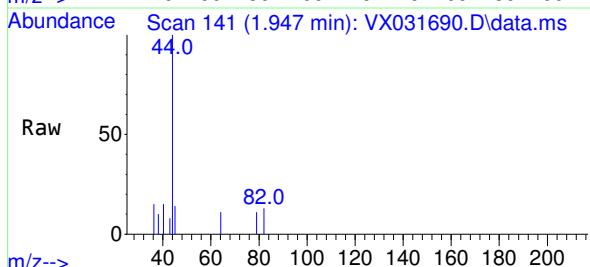
Instrument :
MSVOA_X
ClientSampleId :
VX0927WBL01

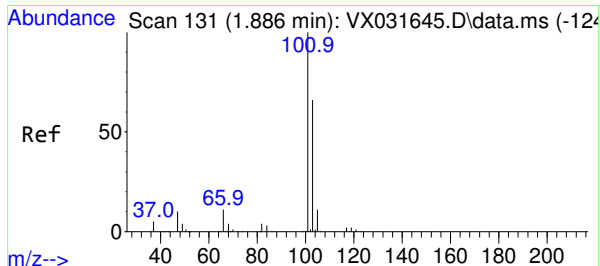
Tgt Ion: 94 Resp: 448
Ion Ratio Lower Upper
94 100
96 105.0 74.4 111.6



#6
Chloroethane
Concen: Below Cal
RT: 1.947 min Scan# 141
Delta R.T. 0.262 min
Lab File: VX031690.D
Acq: 27 Sep 2022 10:00

Tgt Ion: 64 Resp: 91
Ion Ratio Lower Upper
64 100
66 0.0 25.0 37.4#





#7

Trichlorofluoromethane

Concen: Below Cal

RT: 1.892 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX031690.D

Acq: 27 Sep 2022 10:00

Instrument :

MSVOA_X

ClientSampleId :

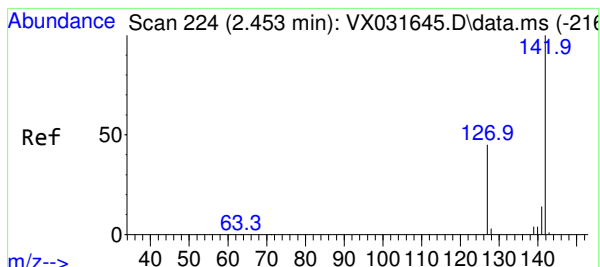
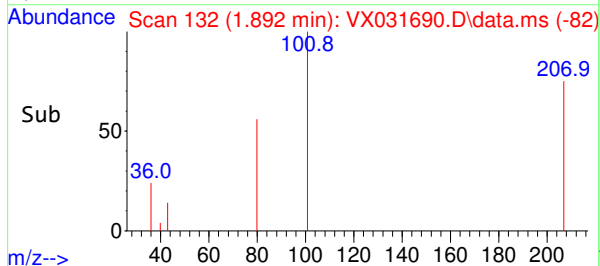
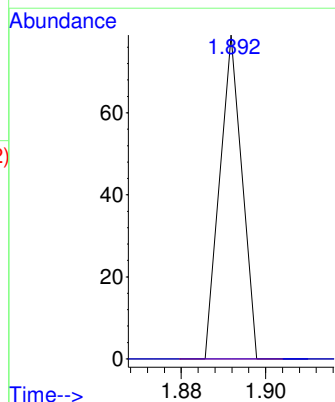
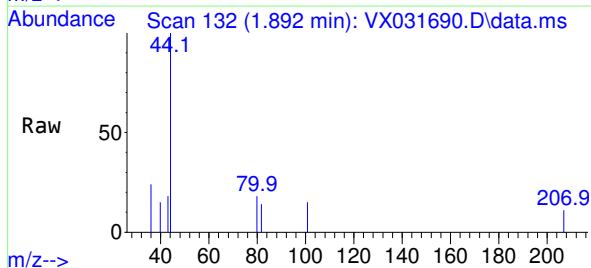
VX0927WBL01

Tgt Ion:101 Resp: 29

Ion Ratio Lower Upper

101 100

103 0.0 51.8 77.6#



#10

Methyl Iodide

Concen: 0.29 ug/l

RT: 2.459 min Scan# 225

Delta R.T. 0.006 min

Lab File: VX031690.D

Acq: 27 Sep 2022 10:00

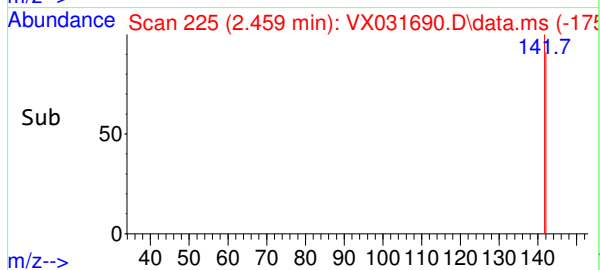
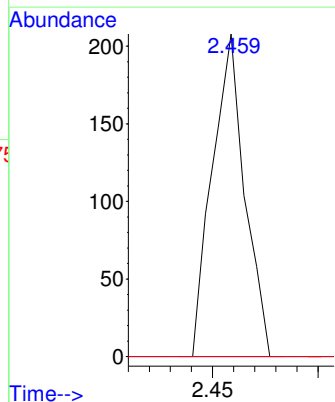
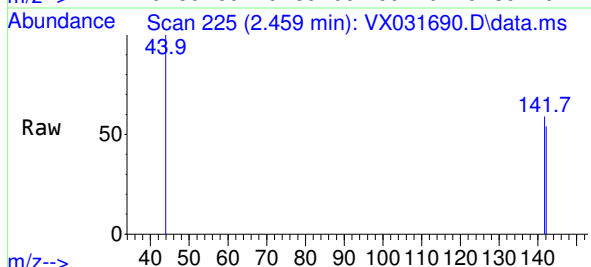
Tgt Ion:142 Resp: 223

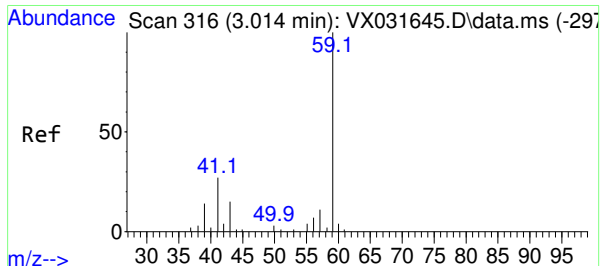
Ion Ratio Lower Upper

142 100

127 0.0 37.4 56.0#

141 0.0 11.6 17.4#

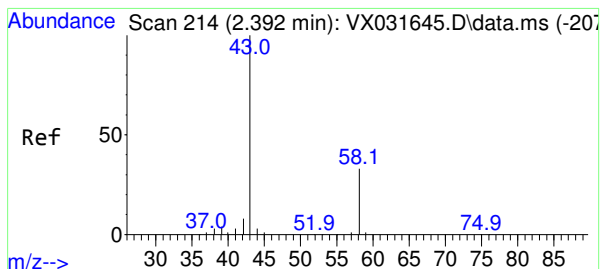
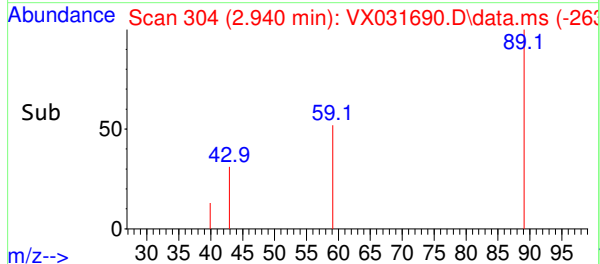
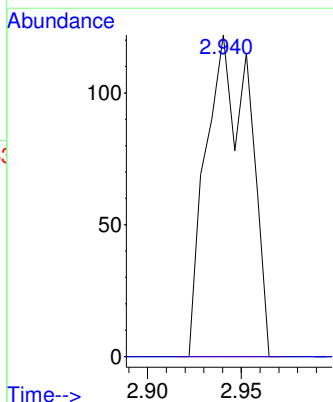
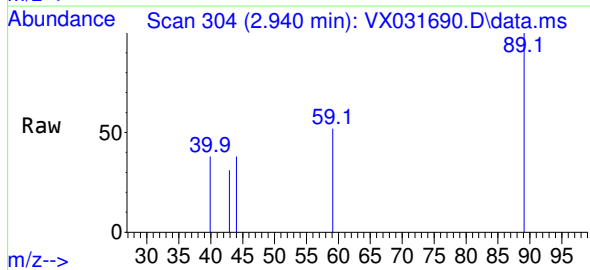




#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.940 min Scan# 316
Delta R.T. -0.049 min
Lab File: VX031690.D
Acq: 27 Sep 2022 10:00

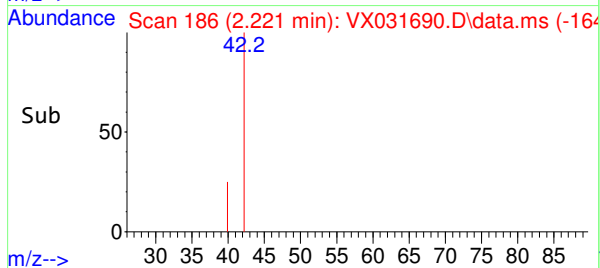
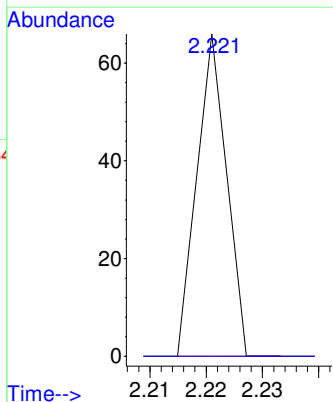
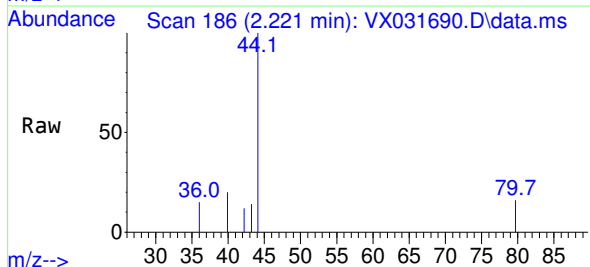
Instrument :
MSVOA_X
ClientSampleId :
VX0927WBL01

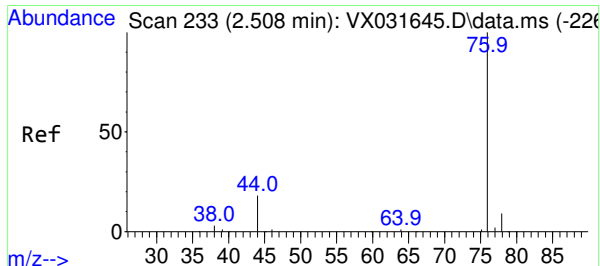
Tgt Ion: 59 Resp: 196
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#



#16
Acetone
Concen: Below Cal
RT: 2.221 min Scan# 186
Delta R.T. -0.165 min
Lab File: VX031690.D
Acq: 27 Sep 2022 10:00

Tgt Ion: 43 Resp: 24
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.8#

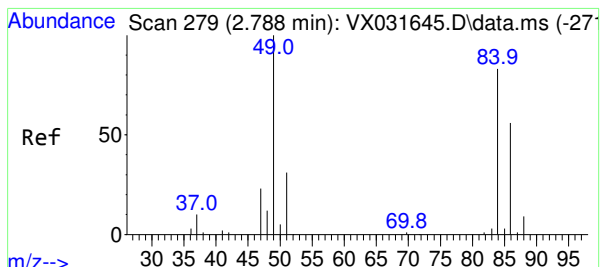
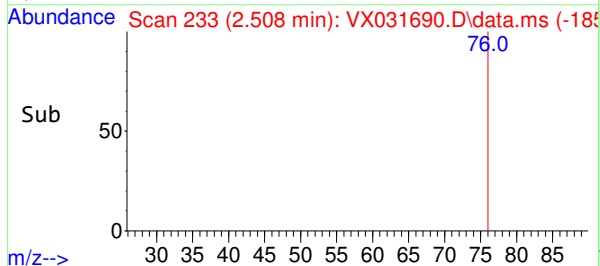
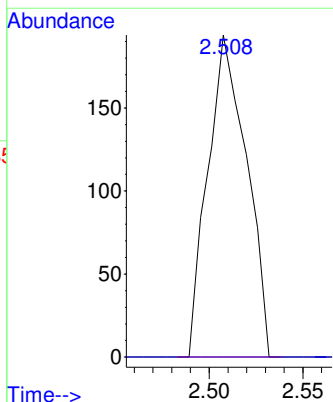
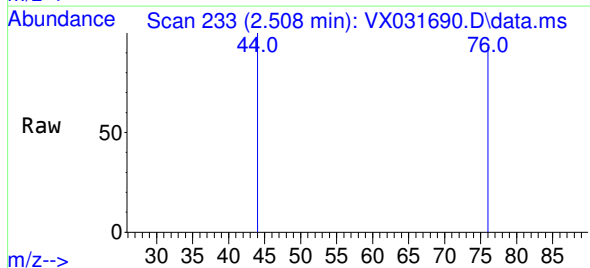




#17
Carbon Disulfide
Concen: Below Cal
RT: 2.508 min Scan# 217
Delta R.T. -0.006 min
Lab File: VX031690.D
Acq: 27 Sep 2022 10:00

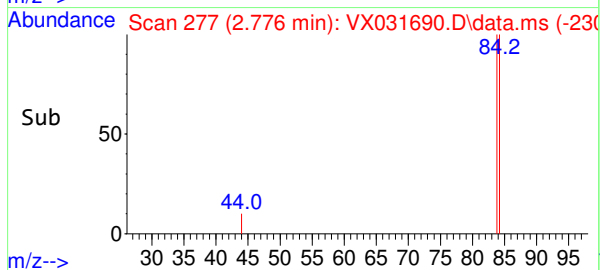
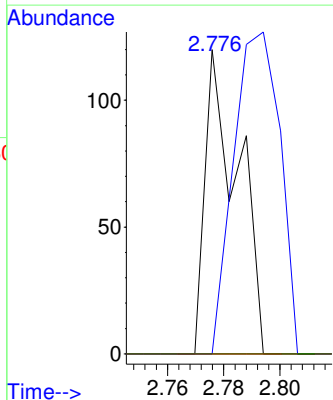
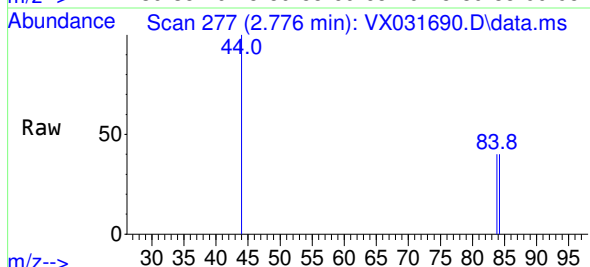
Instrument :
MSVOA_X
ClientSampleId :
VX0927WBL01

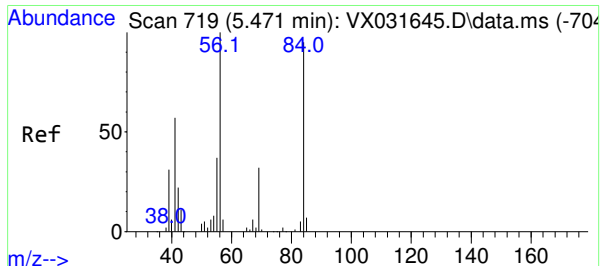
Tgt Ion: 76 Resp: 278
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.776 min Scan# 277
Delta R.T. -0.012 min
Lab File: VX031690.D
Acq: 27 Sep 2022 10:00

Tgt Ion: 84 Resp: 97
Ion Ratio Lower Upper
84 100
49 0.0 105.9 158.9#
51 0.0 32.2 48.2#
86 0.0 50.8 76.2#

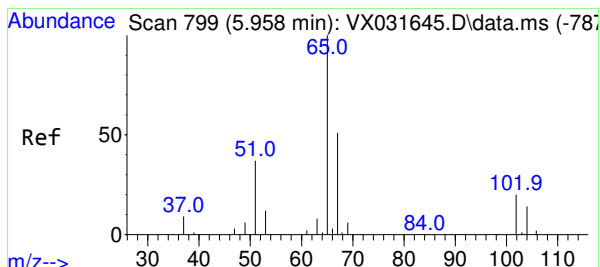
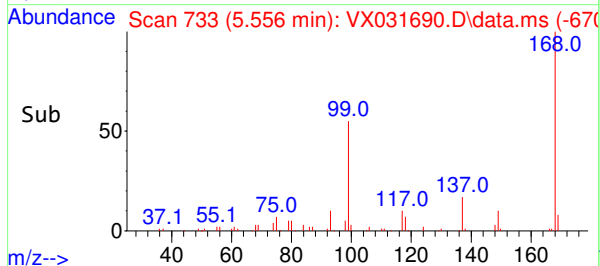
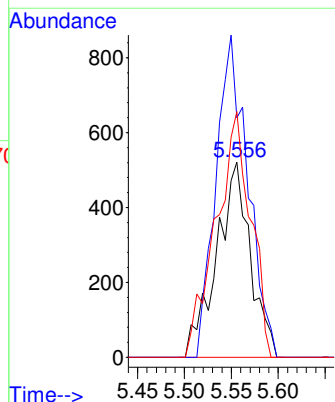
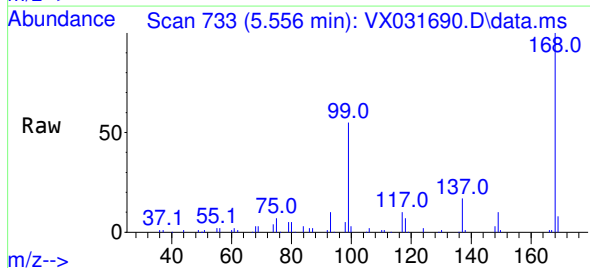




#31
Cyclohexane
Concen: 1.07 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX031690.D
Acq: 27 Sep 2022 10:00

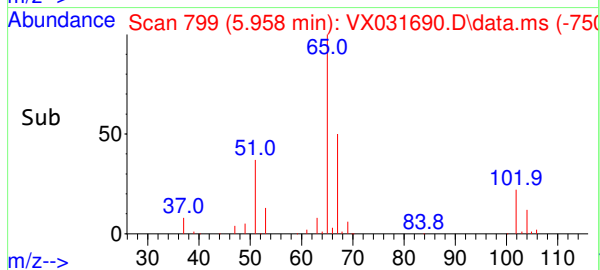
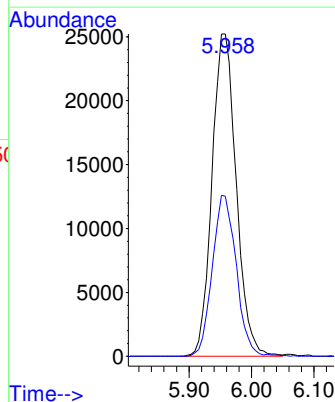
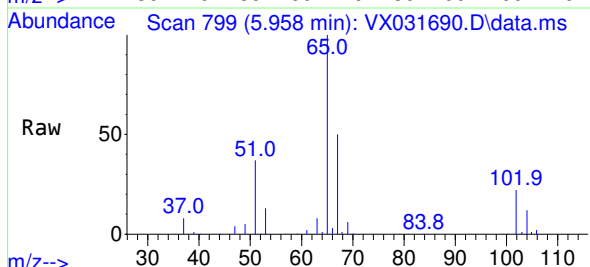
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MSVOA_X
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VX0927WBL01

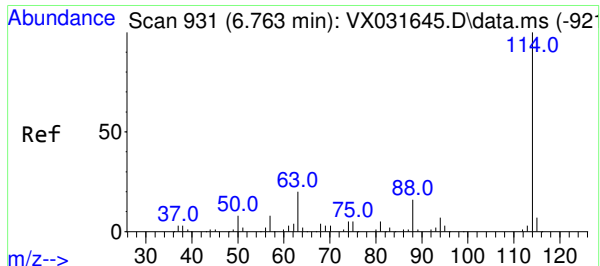
Tgt Ion: 56 Resp: 1301
Ion Ratio Lower Upper
56 100
69 122.6 25.1 37.7#
84 125.9 70.2 105.4#



#33
1,2-Dichloroethane-d4
Concen: 53.24 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX031690.D
Acq: 27 Sep 2022 10:00

Tgt Ion: 65 Resp: 67840
Ion Ratio Lower Upper
65 100
67 49.4 0.0 102.4

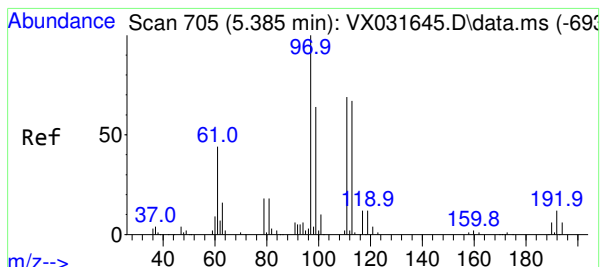
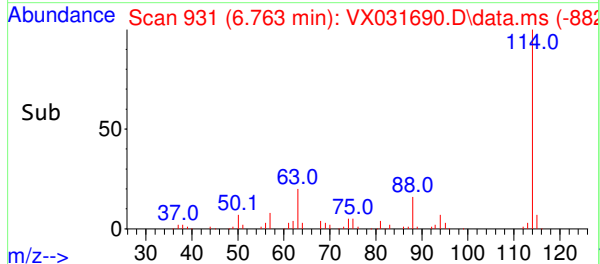
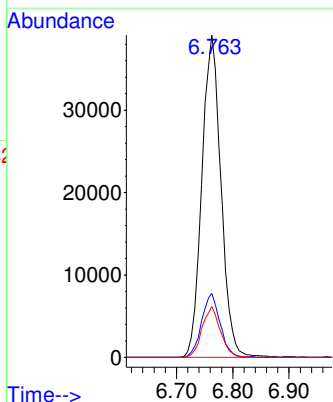
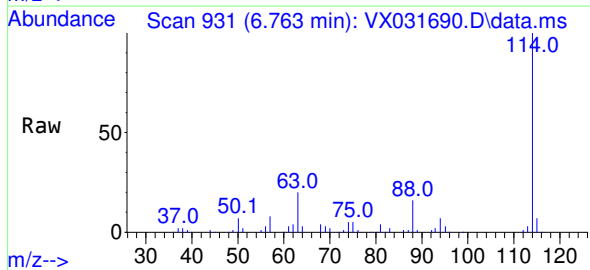




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX031690.D
Acq: 27 Sep 2022 10:00

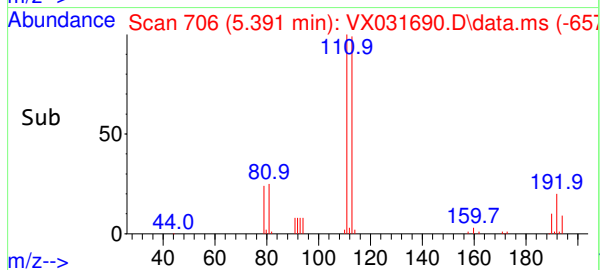
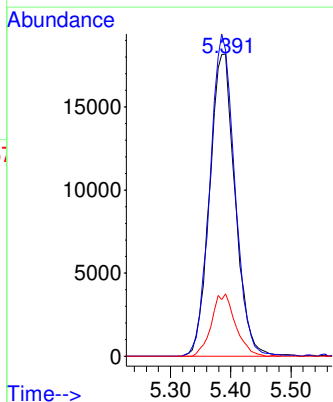
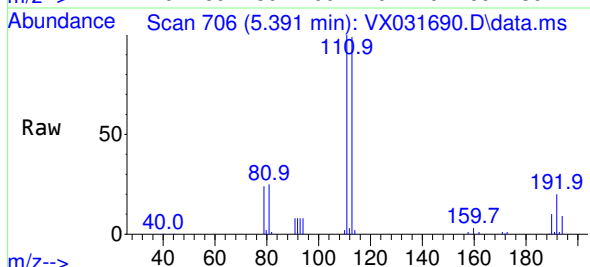
Instrument :
MSVOA_X
ClientSampleId :
VX0927WBL01

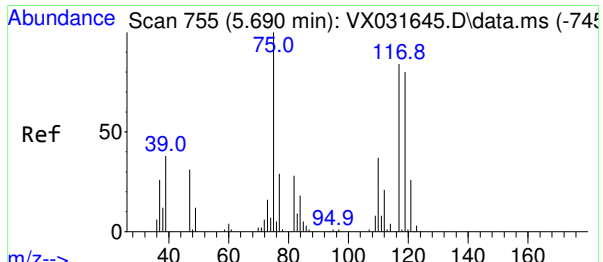
Tgt Ion:	114	Resp:	92170
Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	42.6
88	15.9	0.0	33.0



#35
Dibromofluoromethane
Concen: 48.66 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX031690.D
Acq: 27 Sep 2022 10:00

Tgt Ion:	113	Resp:	53437
Ion	Ratio	Lower	Upper
113	100		
111	103.8	82.4	123.6
192	19.5	14.1	21.1

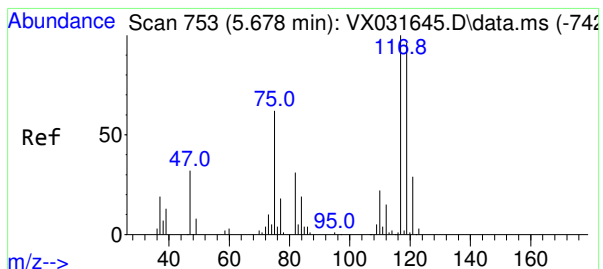
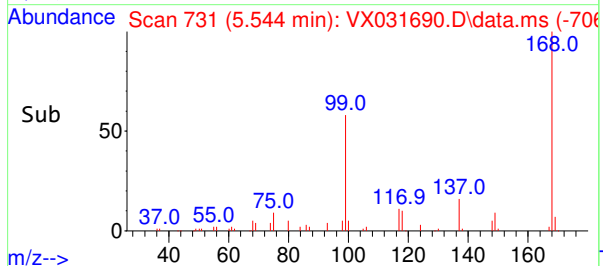
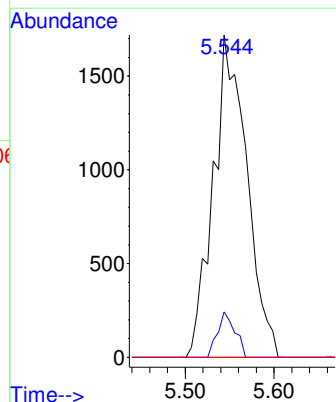
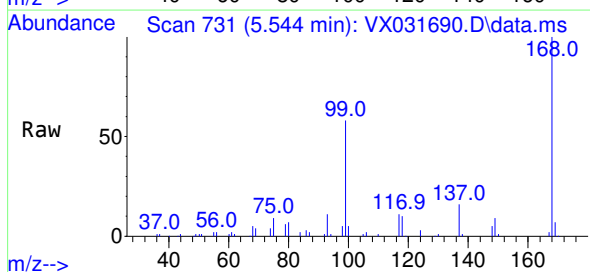




#36
1,1-Dichloropropene
Concen: 3.59 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX031690.D
Acq: 27 Sep 2022 10:00

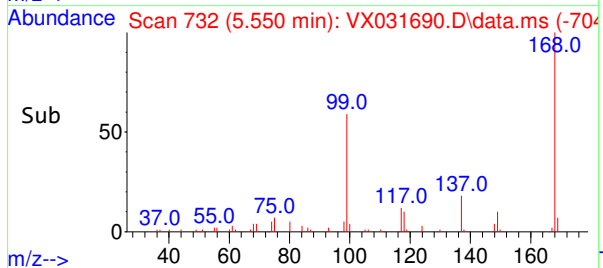
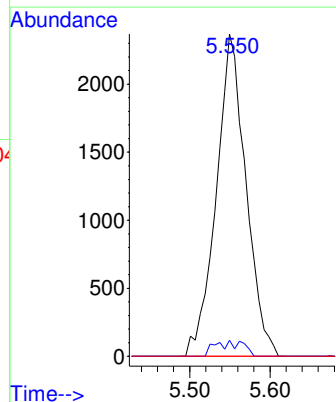
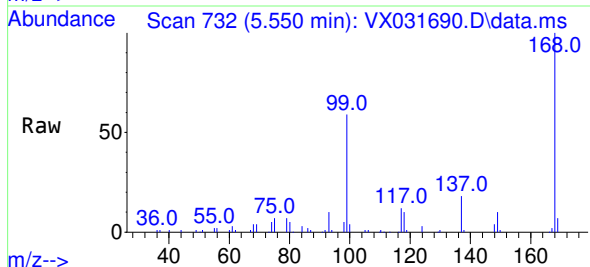
Instrument :
MSVOA_X
ClientSampleId :
VX0927WBL01

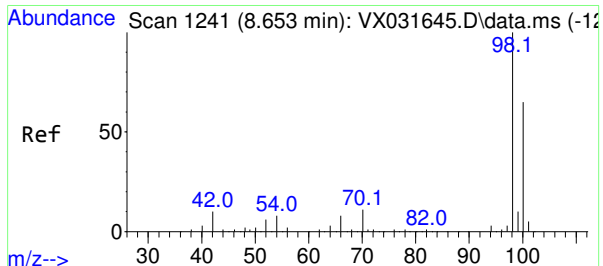
Tgt Ion: 75 Resp: 4533
Ion Ratio Lower Upper
75 100
110 7.4 17.5 52.5#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 4.27 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX031690.D
Acq: 27 Sep 2022 10:00

Tgt Ion: 117 Resp: 6065
Ion Ratio Lower Upper
117 100
119 5.0 74.6 112.0#
121 0.0 25.3 37.9#

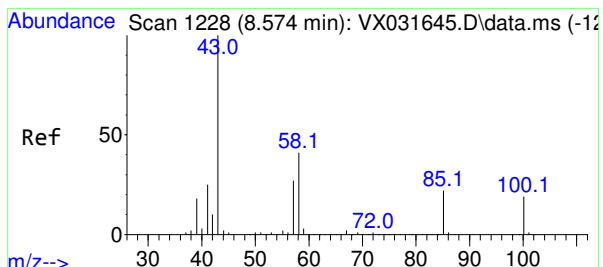
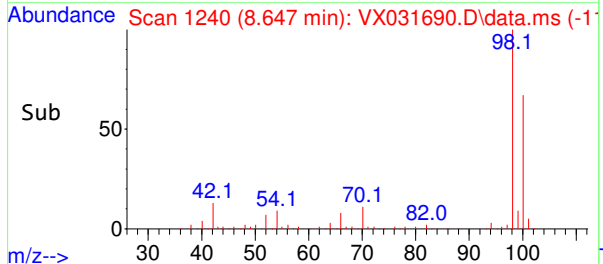
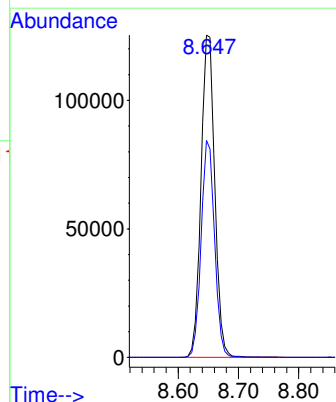
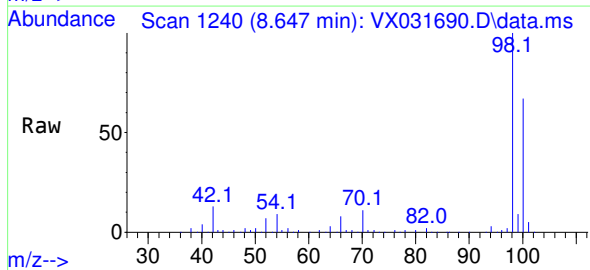




#50
Toluene-d8
Concen: 49.75 ug/l
RT: 8.647 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX031690.D
Acq: 27 Sep 2022 10:00

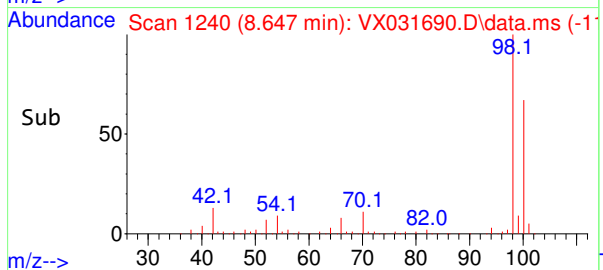
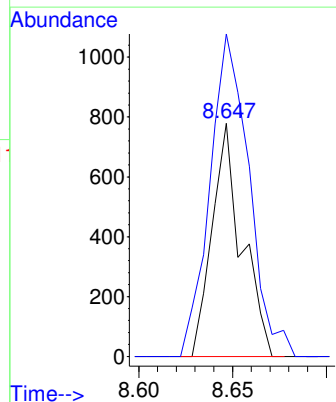
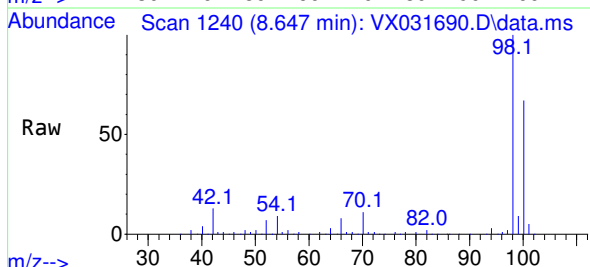
Instrument :
MSVOA_X
ClientSampleId :
VX0927WBL01

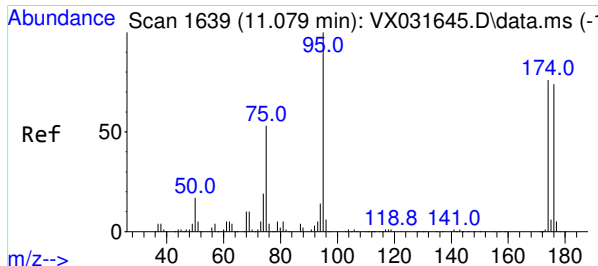
Tgt Ion: 98 Resp: 198092
Ion Ratio Lower Upper
98 100
100 65.9 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 0.68 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.067 min
Lab File: VX031690.D
Acq: 27 Sep 2022 10:00

Tgt Ion: 43 Resp: 861
Ion Ratio Lower Upper
43 100
58 181.2 30.6 46.0#

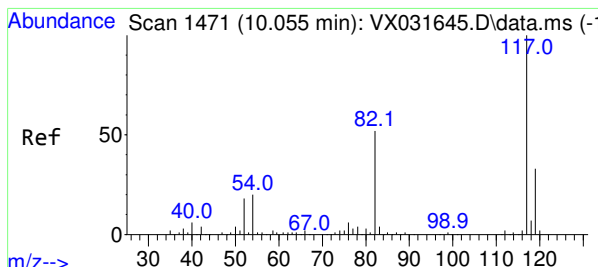
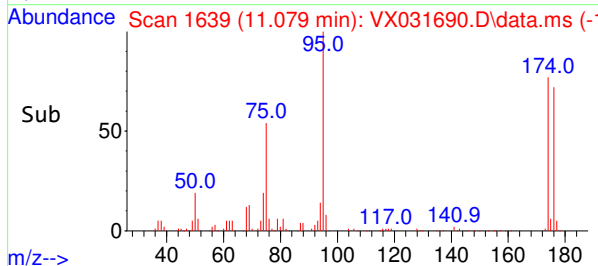
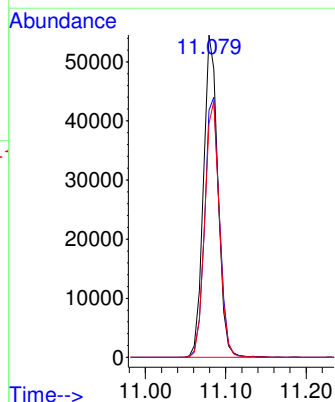
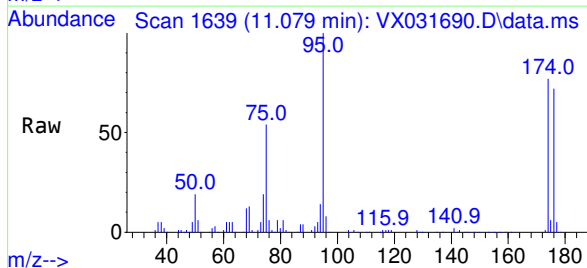




#62
4-Bromofluorobenzene
Concen: 46.75 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX031690.D
Acq: 27 Sep 2022 10:00

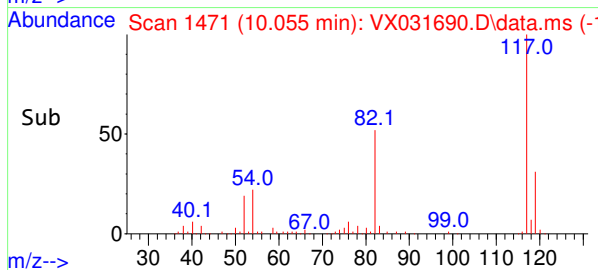
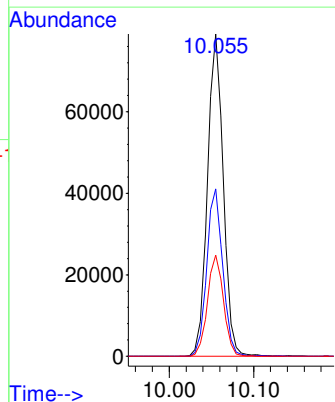
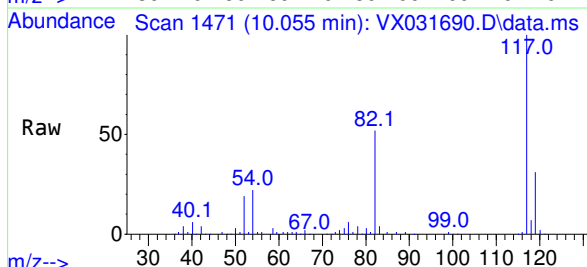
Instrument :
MSVOA_X
ClientSampleId :
VX0927WBL01

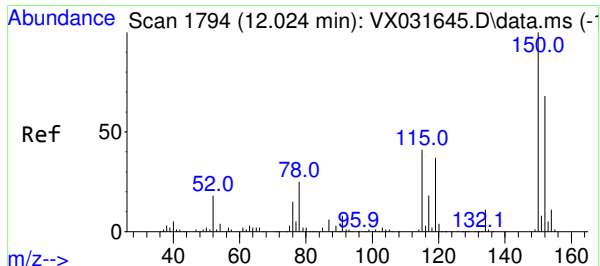
Tgt Ion:	95	Resp:	68220
Ion	Ratio	Lower	Upper
95	100		
174	82.6	0.0	153.2
176	80.4	0.0	144.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX031690.D
Acq: 27 Sep 2022 10:00

Tgt Ion:	117	Resp:	103202
Ion	Ratio	Lower	Upper
117	100		
82	52.0	46.8	70.2
119	31.4	26.4	39.6

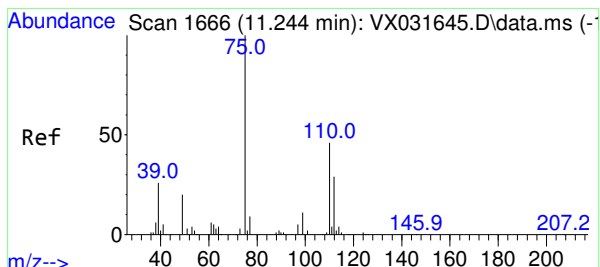
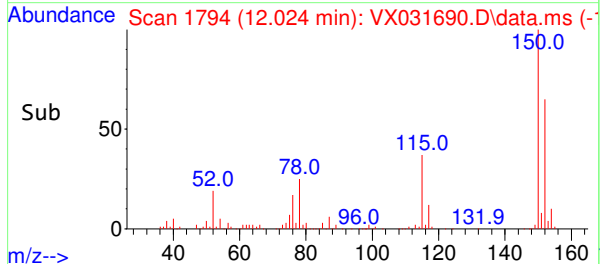
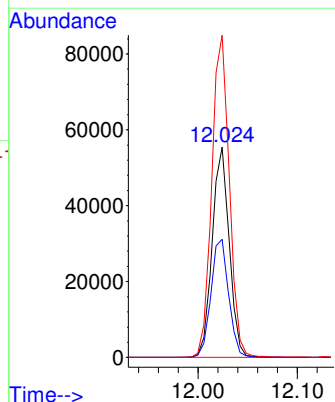
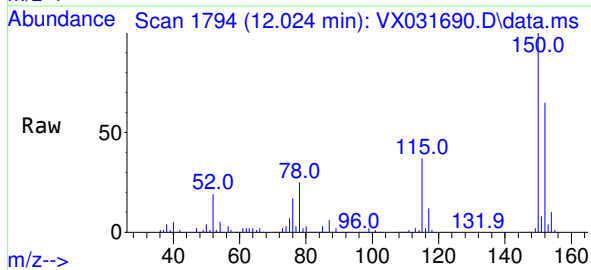




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX031690.D
Acq: 27 Sep 2022 10:00

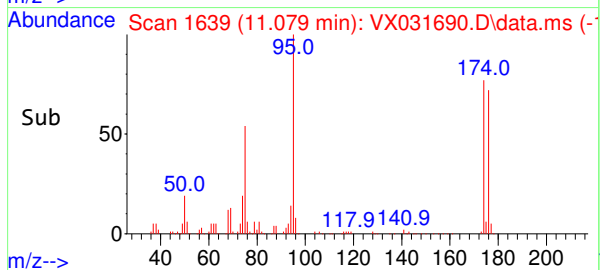
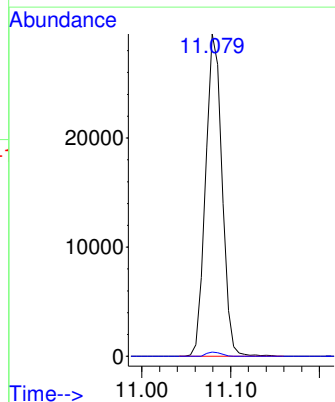
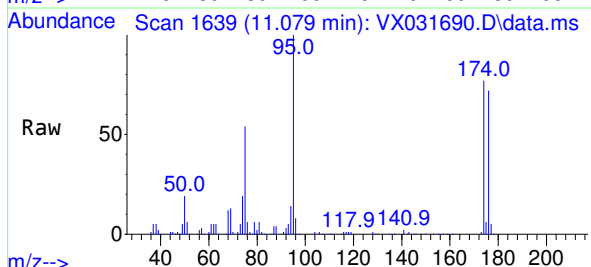
Instrument :
MSVOA_X
ClientSampleId :
VX0927WBL01

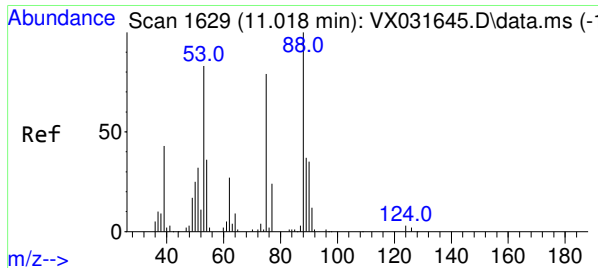
Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.5	43.4	130.1
150	157.9	0.0	346.8



#76
1,2,3-Trichloropropane
Concen: 32.10 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX031690.D
Acq: 27 Sep 2022 10:00

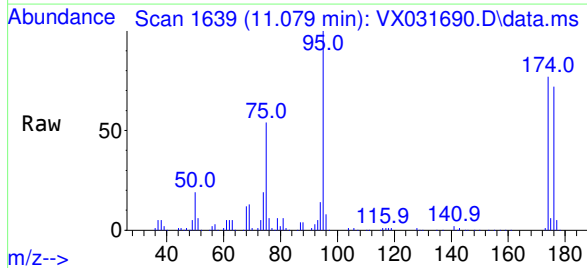
Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.2	20.3	60.9#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 103.99 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX031690.D
 Acq: 27 Sep 2022 10:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0927WBL01



Tgt Ion:	75	Resp:	37954
Ion	Ratio	Lower	Upper
75	100		
53	0.0	77.6	116.4#
89	0.0	37.4	56.0#

