

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022723\
 Data File : VX034272.D
 Acq On : 27 Feb 2023 11:28
 Operator : JC/MD
 Sample : VX0227MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0227MBL01

Quant Time: Feb 28 04:07:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 17 12:33:35 2023
 Response via : Initial Calibration

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

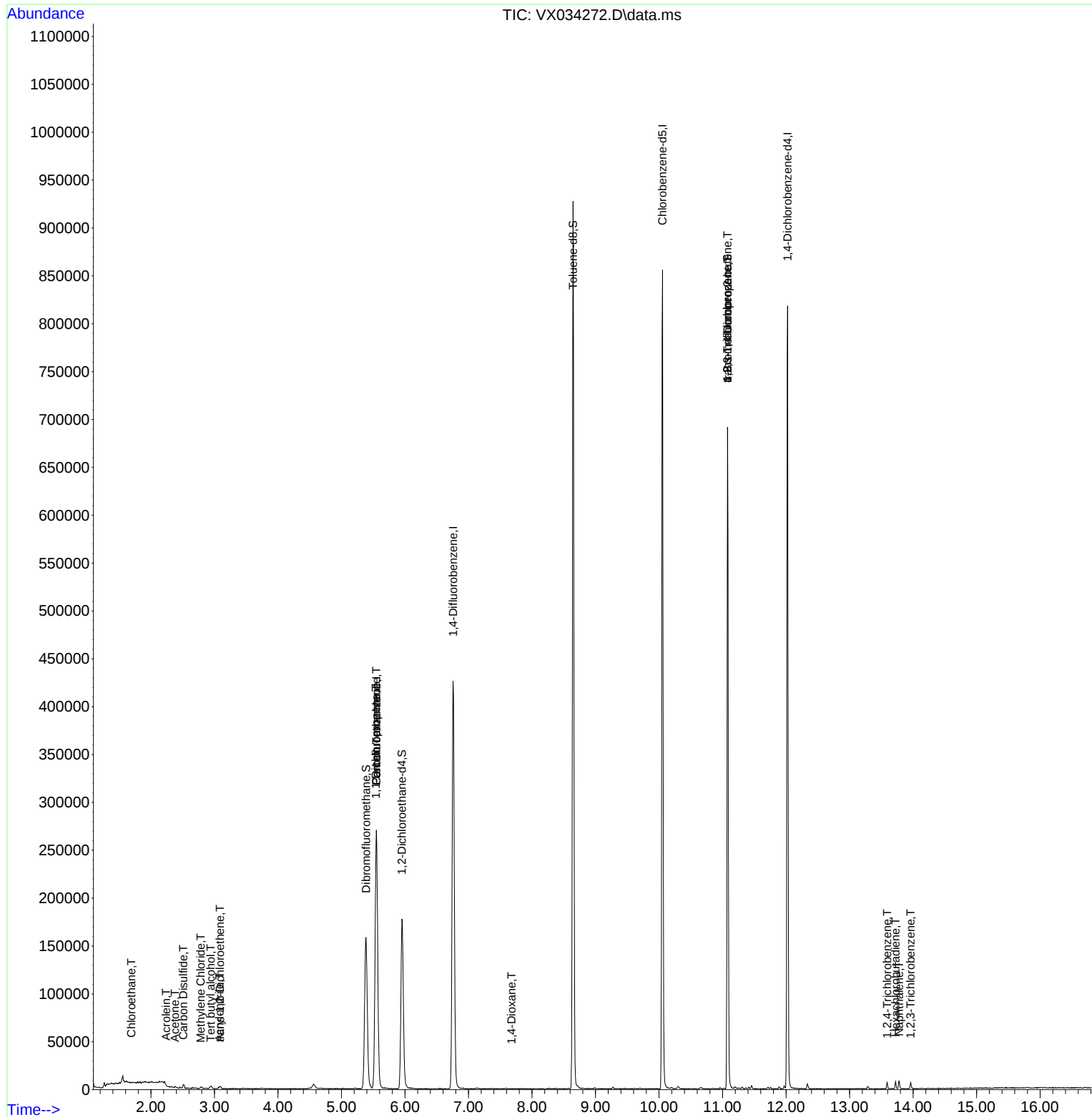
Internal Standards						
1) Pentafluorobenzene	5.550	168	269202	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	443959	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	392829	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	172696	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	162212	44.742	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	89.480%
35) Dibromofluoromethane	5.385	113	141652	49.004	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.000%
50) Toluene-d8	8.647	98	534625	51.514	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	103.020%
62) 4-Bromofluorobenzene	11.079	95	180171	45.386	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.780%
Target Compounds						
					Qvalue	
5) Bromomethane	1.581	94	21	Below Cal	#	3
6) Chloroethane	1.690	64	396	0.258	ug/l	92
11) Tert butyl alcohol	2.940	59	1463	1.804	ug/l	99
13) Acrolein	2.239	56	691	1.867	ug/l	# 10
15) Acrylonitrile	3.080	53	1172	0.663	ug/l	94
16) Acetone	2.379	43	1448	0.774	ug/l	# 66
17) Carbon Disulfide	2.507	76	4711	0.563	ug/l	99
20) Methylene Chloride	2.782	84	834	0.247	ug/l	# 69
21) trans-1,2-Dichloroethene	3.087	96	625	0.205	ug/l	# 77
36) 1,1-Dichloropropene	5.543	75	20483	4.791	ug/l	# 48
38) Carbon Tetrachloride	5.550	117	26198	5.955	ug/l	# 14
49) 1,4-Dioxane	7.677	88	42	0.526	ug/l	# 14
76) 1,2,3-Trichloropropane	11.079	75	88770	20.428	ug/l	# 34
81) trans-1,4-Dichloro-2-b...	11.079	75	88770	52.478	ug/l	# 8
93) 1,2,4-Trichlorobenzene	13.591	180	1756	0.471	ug/l	93
94) Hexachlorobutadiene	13.725	225	993	0.642	ug/l	89
95) Naphthalene	13.780	128	6126	0.487	ug/l	# 95
96) 1,2,3-Trichlorobenzene	13.963	180	1763	0.476	ug/l	98

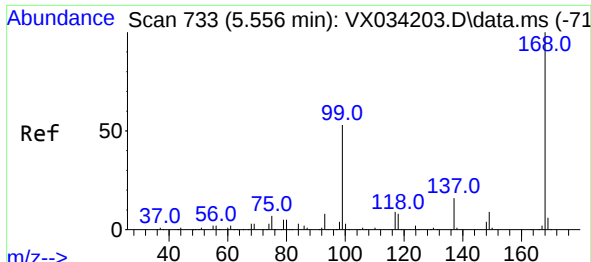
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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Quant Title : SW846 8260
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Response via : Initial Calibration

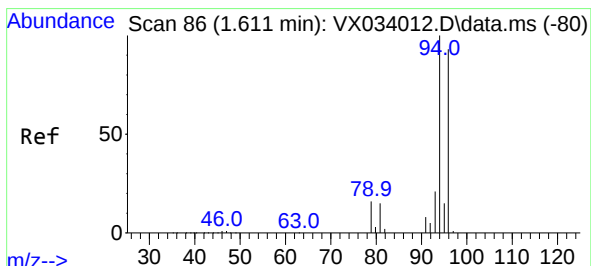
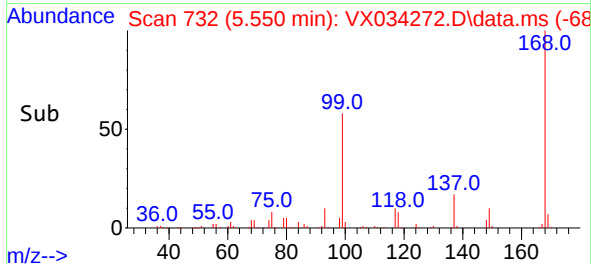
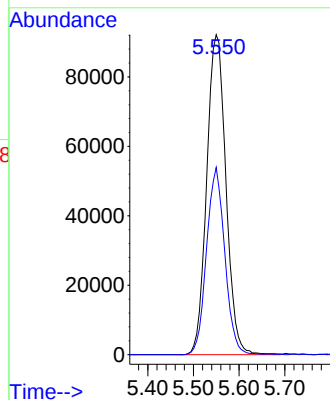
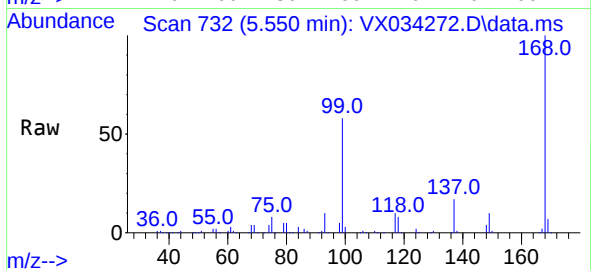




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX034272.D
Acq: 27 Feb 2023 11:28

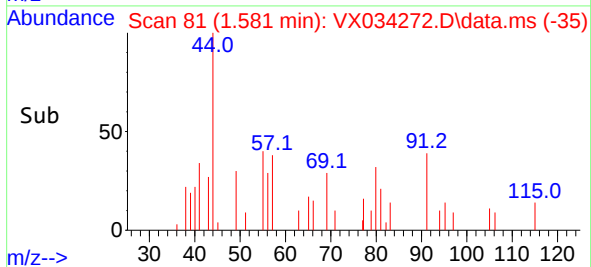
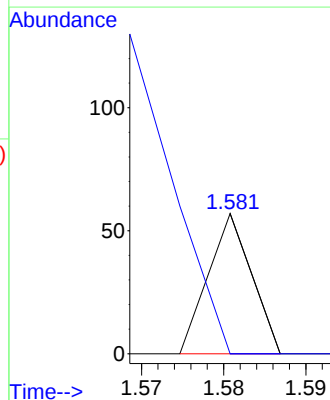
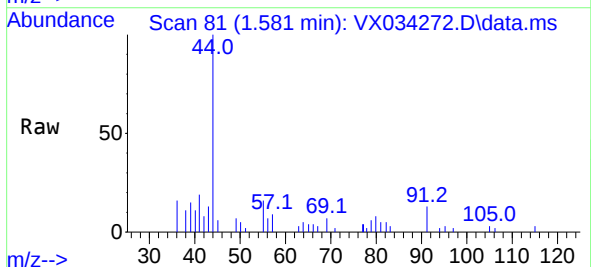
Instrument :
MSVOA_X
ClientSampleId :
VX0227MBL01

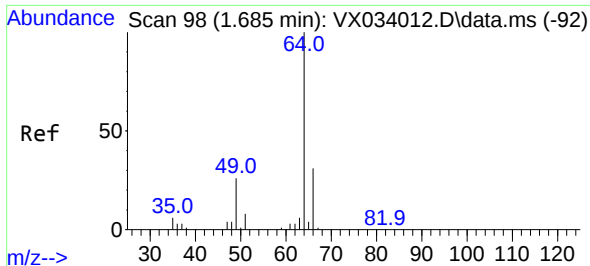
Tgt Ion:168 Resp: 269202
Ion Ratio Lower Upper
168 100
99 58.5 39.6 59.4



#5
Bromomethane
Concen: Below Cal
RT: 1.581 min Scan# 81
Delta R.T. -0.018 min
Lab File: VX034272.D
Acq: 27 Feb 2023 11:28

Tgt Ion: 94 Resp: 21
Ion Ratio Lower Upper
94 100
96 0.0 74.3 111.5#

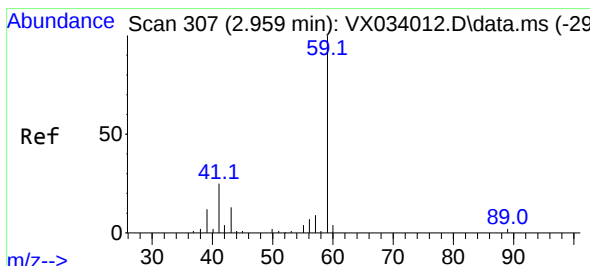
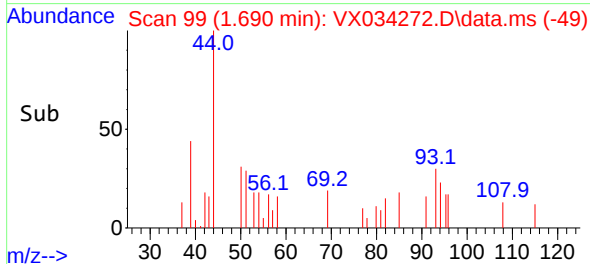
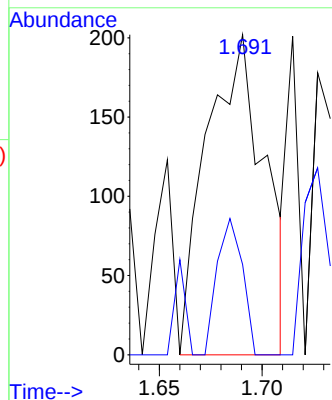
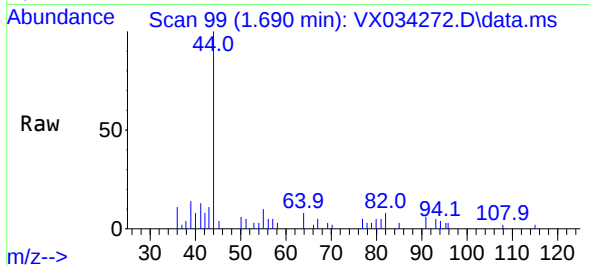




#6
Chloroethane
Concen: 0.258 ug/l
RT: 1.690 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX034272.D
Acq: 27 Feb 2023 11:28

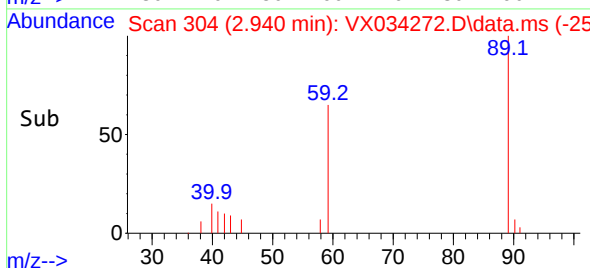
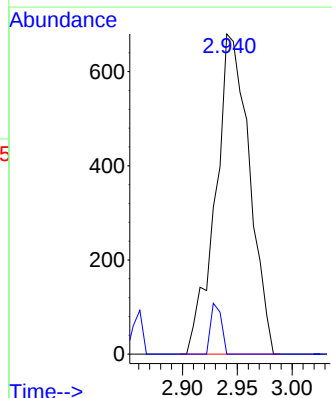
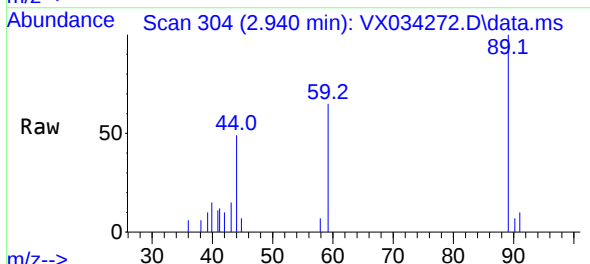
Instrument :
MSVOA_X
ClientSampleId :
VX0227MBL01

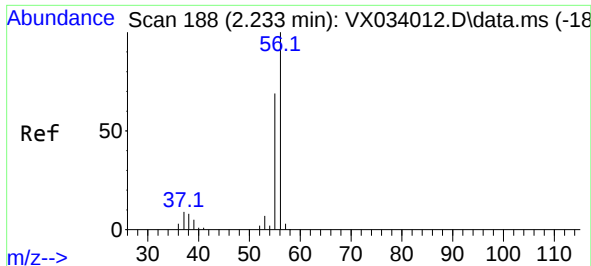
Tgt Ion: 64 Resp: 396
Ion Ratio Lower Upper
64 100
66 28.2 26.1 39.1



#11
Tert butyl alcohol
Concen: 1.804 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.012 min
Lab File: VX034272.D
Acq: 27 Feb 2023 11:28

Tgt Ion: 59 Resp: 1463
Ion Ratio Lower Upper
59 100
57 4.9 3.7 5.5

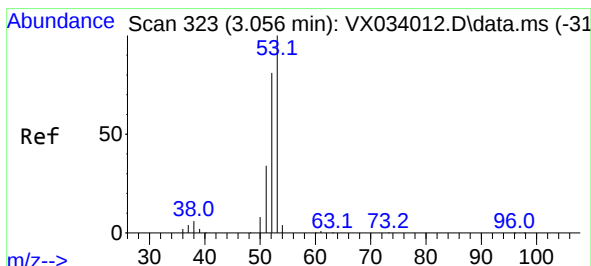
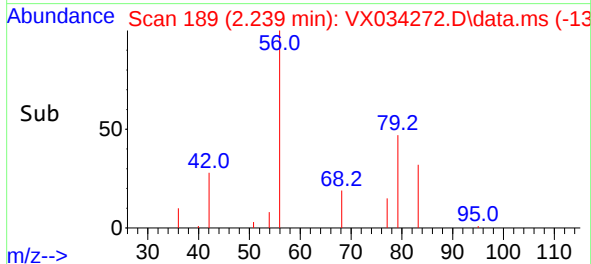
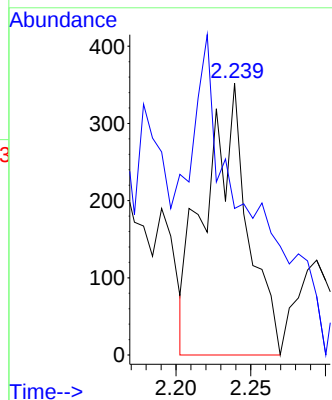
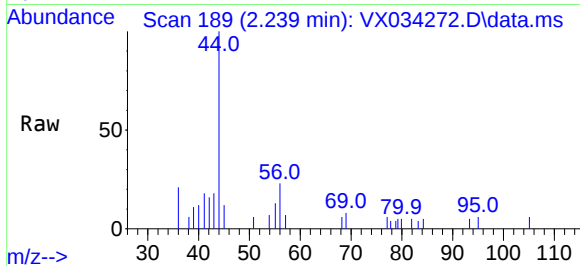




#13
Acrolein
Concen: 1.867 ug/l
RT: 2.239 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX034272.D
Acq: 27 Feb 2023 11:28

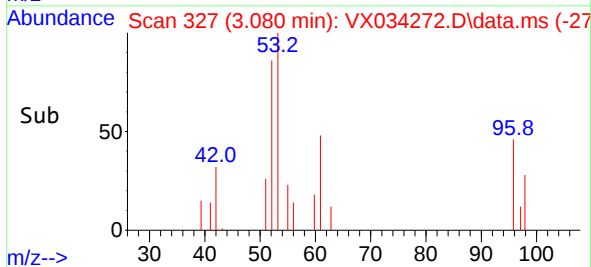
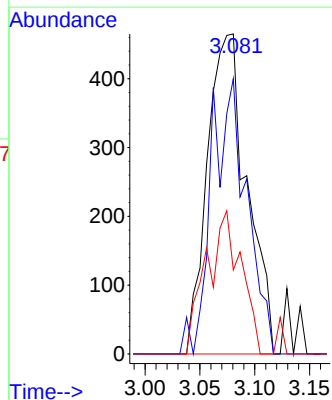
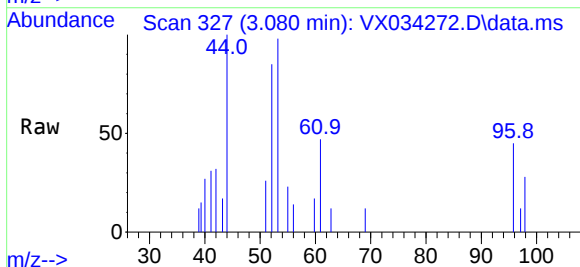
Instrument :
MSVOA_X
ClientSampleId :
VX0227MBL01

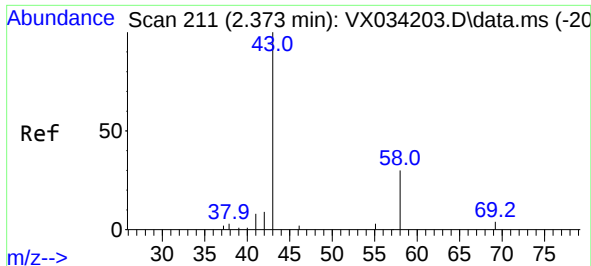
Tgt Ion: 56 Resp: 691
Ion Ratio Lower Upper
56 100
55 144.6 56.3 84.5#



#15
Acrylonitrile
Concen: 0.663 ug/l
RT: 3.080 min Scan# 327
Delta R.T. 0.024 min
Lab File: VX034272.D
Acq: 27 Feb 2023 11:28

Tgt Ion: 53 Resp: 1172
Ion Ratio Lower Upper
53 100
52 76.4 65.7 98.5
51 39.1 29.0 43.4

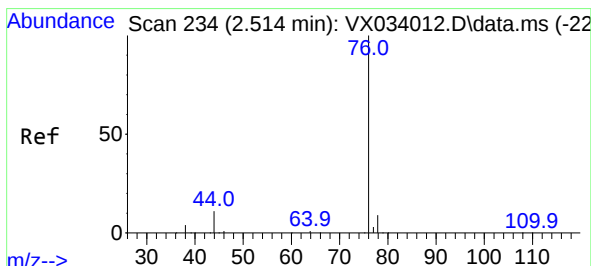
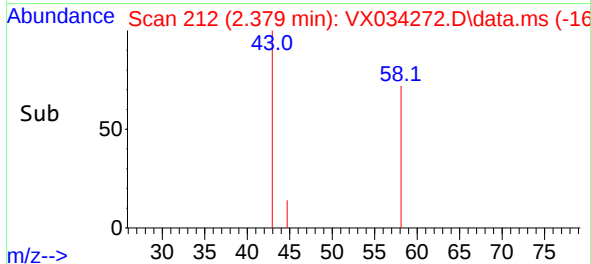
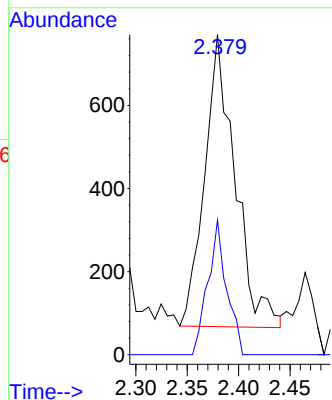
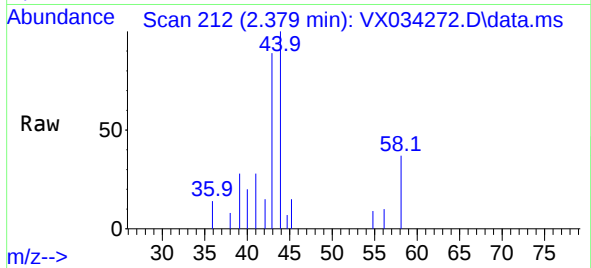




#16
Acetone
Concen: 0.774 ug/l
RT: 2.379 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX034272.D
Acq: 27 Feb 2023 11:28

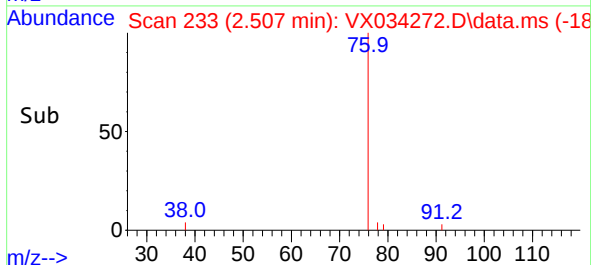
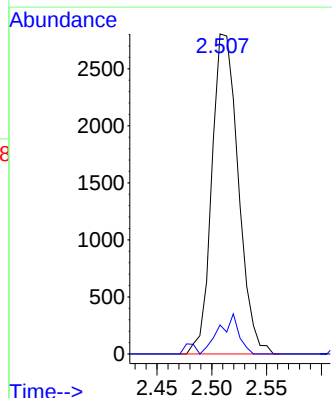
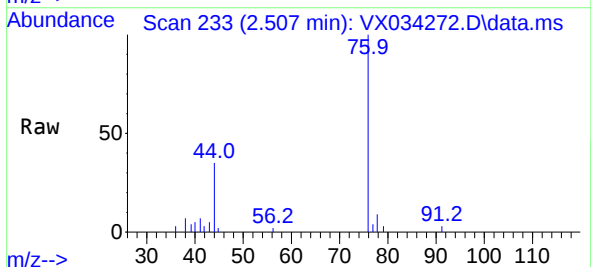
Instrument :
MSVOA_X
ClientSampleId :
VX0227MBL01

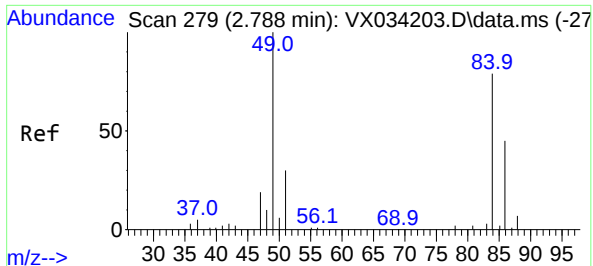
Tgt Ion: 43 Resp: 1448
Ion Ratio Lower Upper
43 100
58 46.2 22.6 33.8#



#17
Carbon Disulfide
Concen: 0.563 ug/l
RT: 2.507 min Scan# 233
Delta R.T. -0.000 min
Lab File: VX034272.D
Acq: 27 Feb 2023 11:28

Tgt Ion: 76 Resp: 4711
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.6



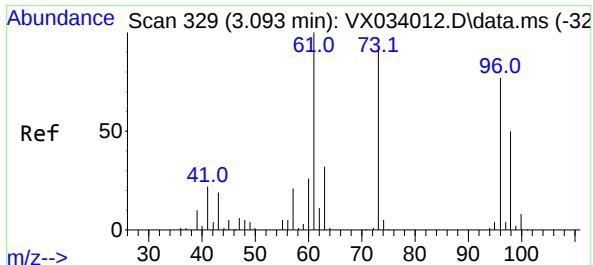
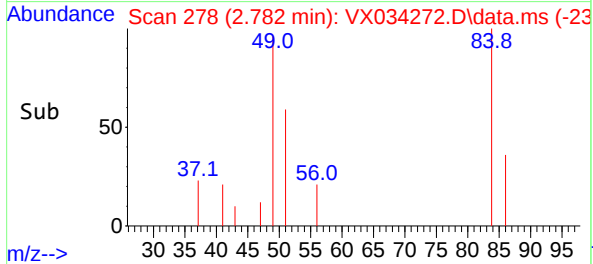
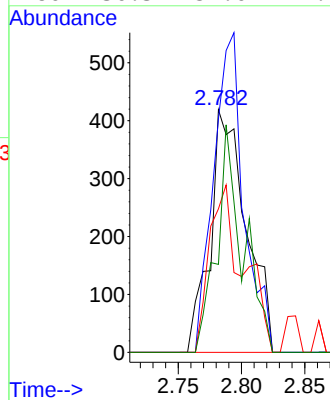
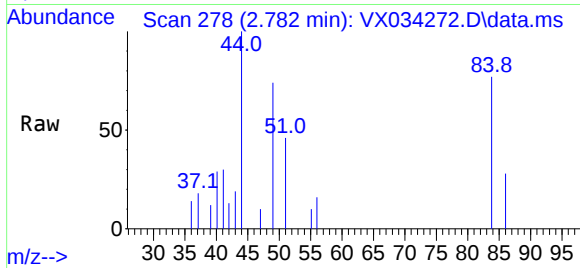


#20
Methylene Chloride
Concen: 0.247 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX034272.D
Acq: 27 Feb 2023 11:28

Instrument :
MSVOA_X
ClientSampleId :
VX0227MBL01

Tgt Ion: 84 Resp: 834

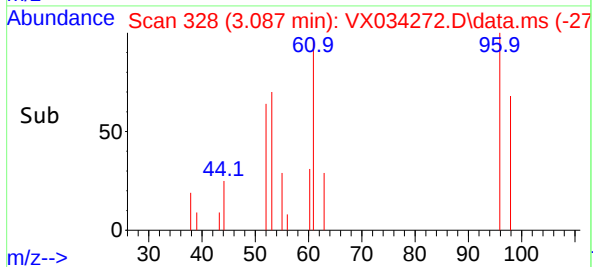
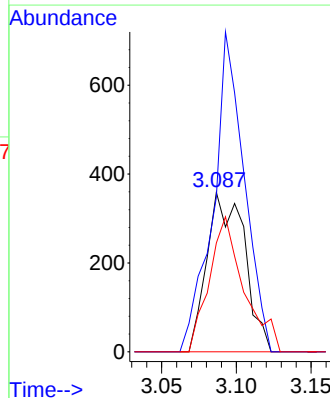
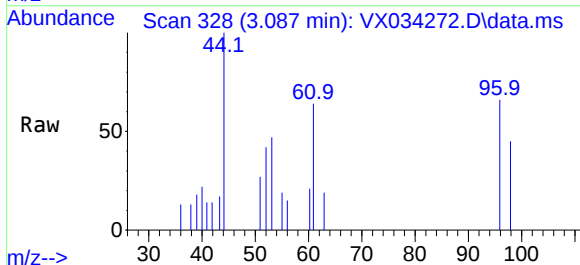
Ion	Ratio	Lower	Upper
84	100		
49	96.2	101.1	151.7#
51	59.2	31.0	46.6#
86	36.3	52.6	79.0#

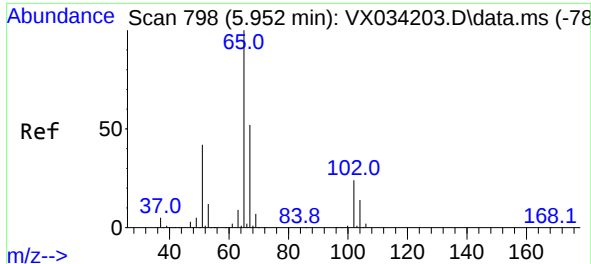


#21
trans-1,2-Dichloroethene
Concen: 0.205 ug/l
RT: 3.087 min Scan# 328
Delta R.T. -0.000 min
Lab File: VX034272.D
Acq: 27 Feb 2023 11:28

Tgt Ion: 96 Resp: 625

Ion	Ratio	Lower	Upper
96	100		
61	96.9	106.7	160.1#
98	68.2	50.0	75.0





#33

1,2-Dichloroethane-d4

Concen: 44.742 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX034272.D

Acq: 27 Feb 2023 11:28

Instrument :

MSVOA_X

ClientSampleId :

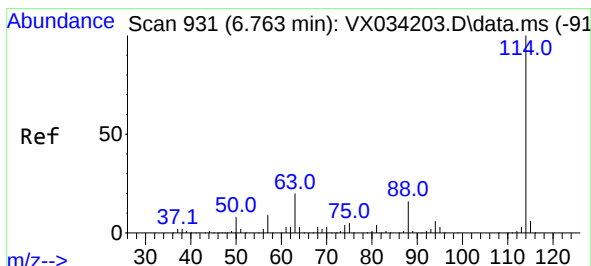
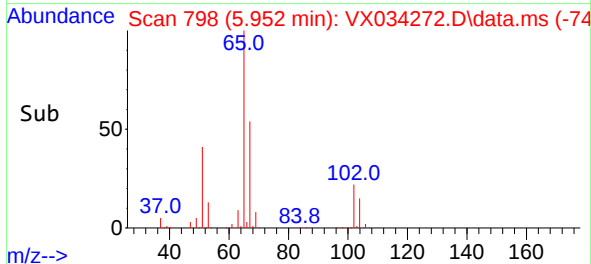
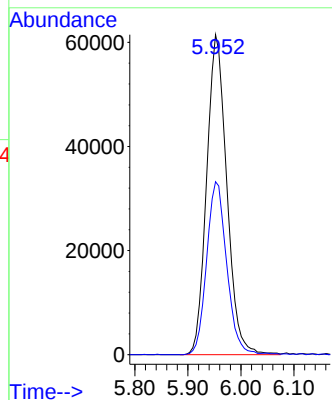
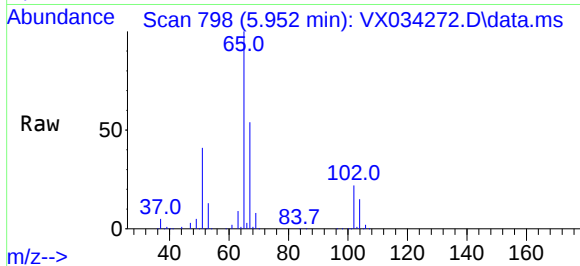
VX0227MBL01

Tgt Ion: 65 Resp: 162212

Ion Ratio Lower Upper

65 100

67 53.7 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX034272.D

Acq: 27 Feb 2023 11:28

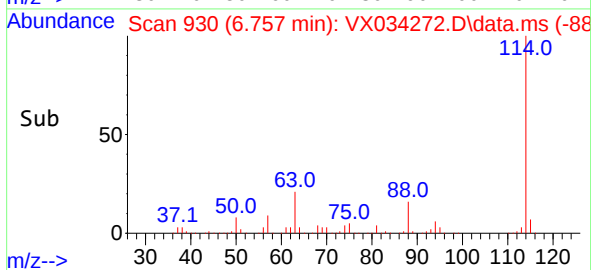
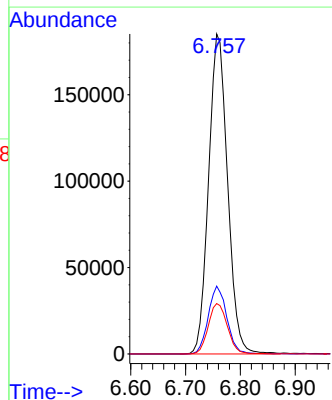
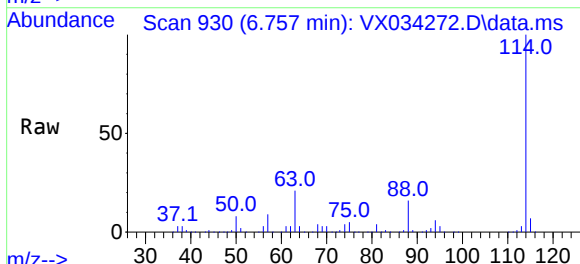
Tgt Ion: 114 Resp: 443959

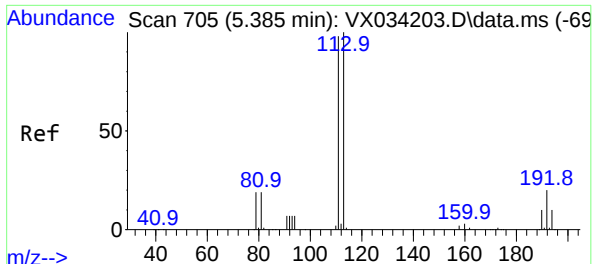
Ion Ratio Lower Upper

114 100

63 21.2 0.0 37.4

88 15.8 0.0 30.6

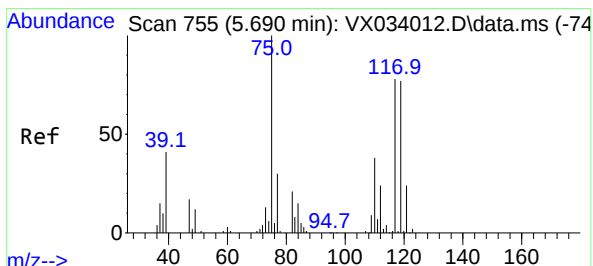
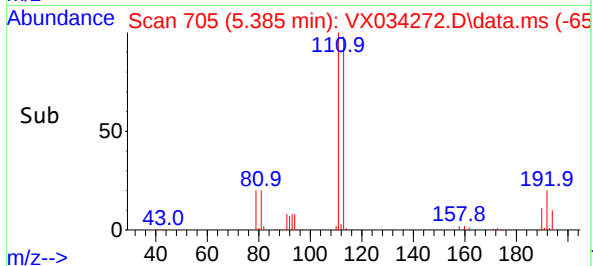
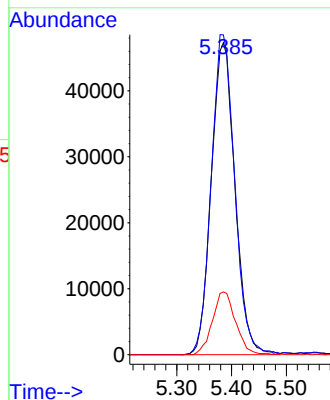
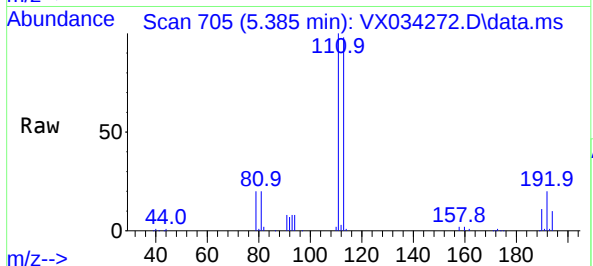




#35
Dibromofluoromethane
Concen: 49.004 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX034272.D
Acq: 27 Feb 2023 11:28

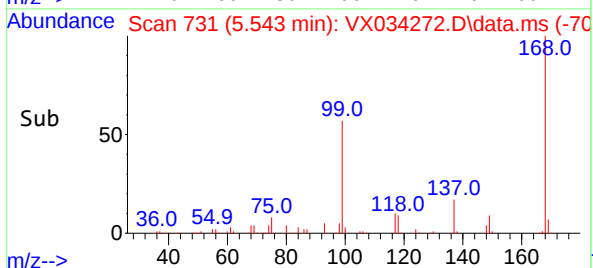
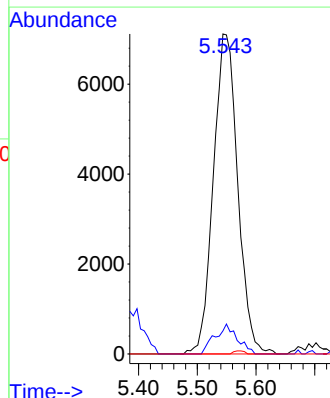
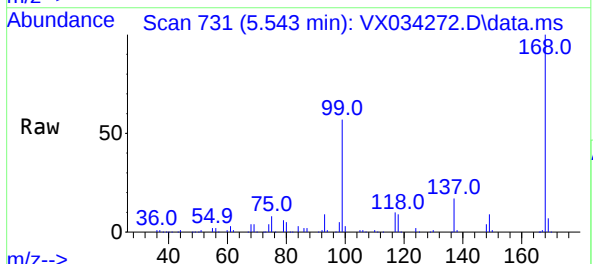
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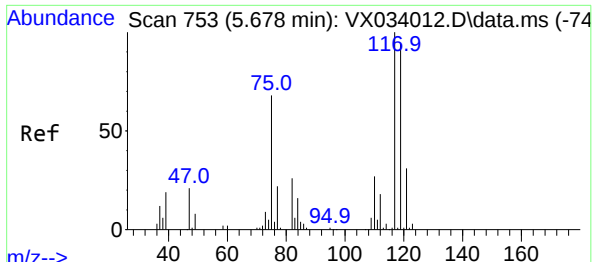
Tgt Ion:113 Resp: 141652
Ion Ratio Lower Upper
113 100
111 101.6 83.0 124.6
192 19.7 19.0 28.4



#36
1,1-Dichloropropene
Concen: 4.791 ug/l
RT: 5.543 min Scan# 731
Delta R.T. -0.146 min
Lab File: VX034272.D
Acq: 27 Feb 2023 11:28

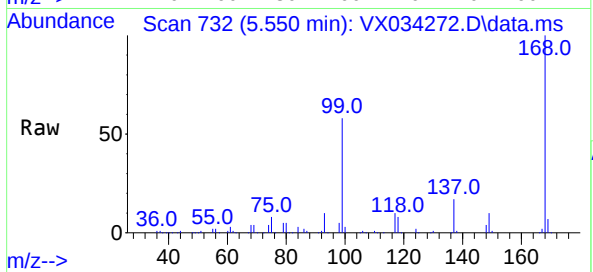
Tgt Ion: 75 Resp: 20483
Ion Ratio Lower Upper
75 100
110 8.6 18.8 56.4#
77 0.0 25.1 37.7#



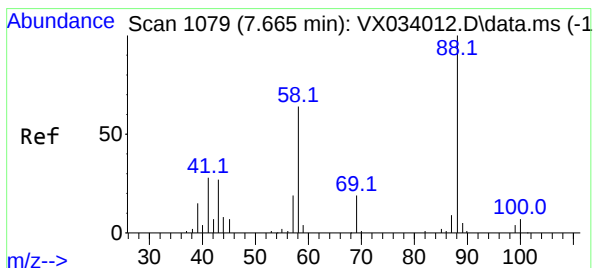
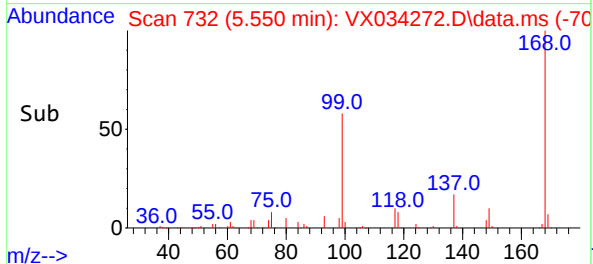
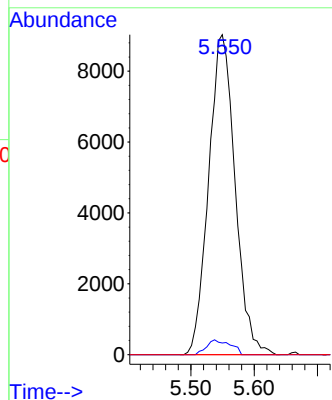


#38
Carbon Tetrachloride
Concen: 5.955 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX034272.D
Acq: 27 Feb 2023 11:28

Instrument :
MSVOA_X
ClientSampleId :
VX0227MBL01

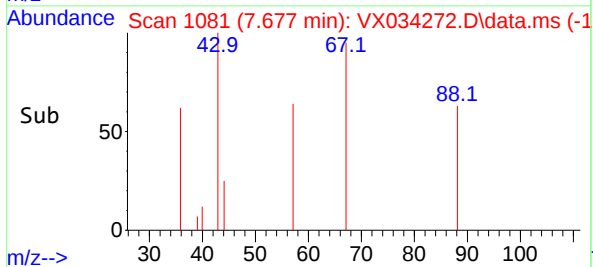
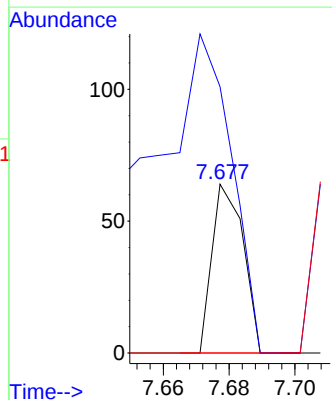
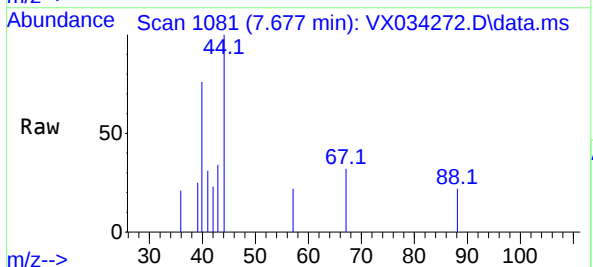


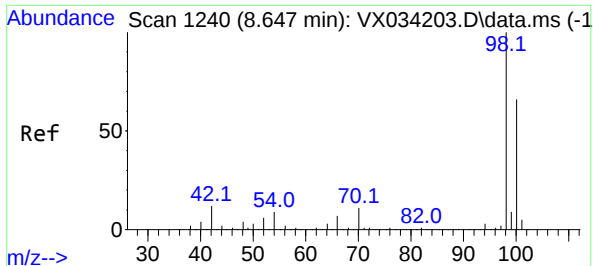
Tgt Ion:117 Resp: 26198
Ion Ratio Lower Upper
117 100
119 3.7 78.0 117.0#
121 0.0 24.4 36.6#



#49
1,4-Dioxane
Concen: 0.526 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. 0.024 min
Lab File: VX034272.D
Acq: 27 Feb 2023 11:28

Tgt Ion: 88 Resp: 42
Ion Ratio Lower Upper
88 100
43 495.2 0.0 0.0#
58 0.0 56.5 84.7#





#50

Toluene-d8

Concen: 51.514 ug/l

RT: 8.647 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX034272.D

Acq: 27 Feb 2023 11:28

Instrument :

MSVOA_X

ClientSampleId :

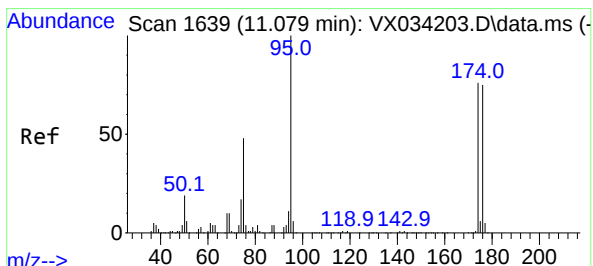
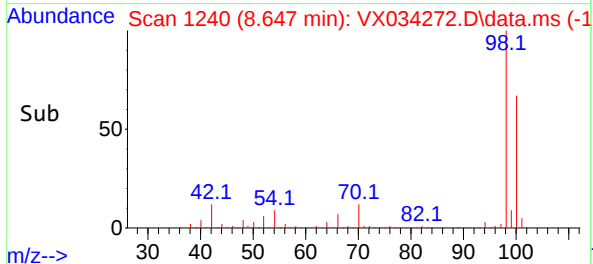
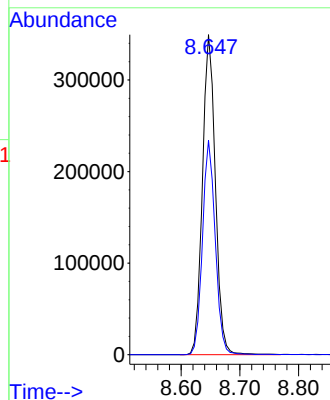
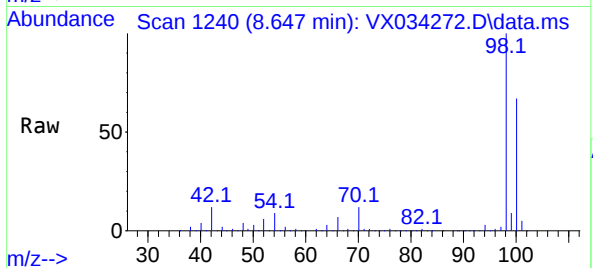
VX0227MBL01

Tgt Ion: 98 Resp: 534625

Ion Ratio Lower Upper

98 100

100 66.1 53.6 80.4



#62

4-Bromofluorobenzene

Concen: 45.386 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX034272.D

Acq: 27 Feb 2023 11:28

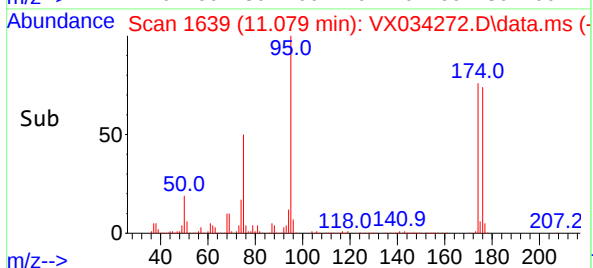
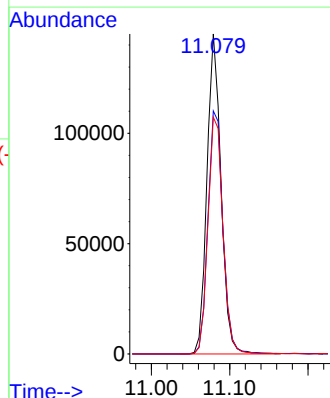
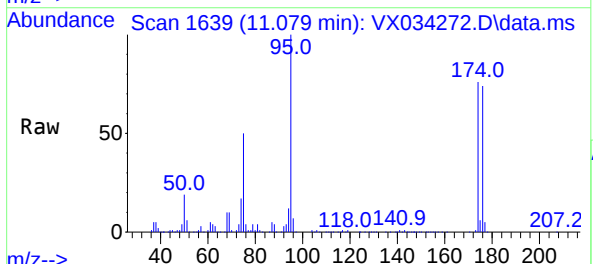
Tgt Ion: 95 Resp: 180171

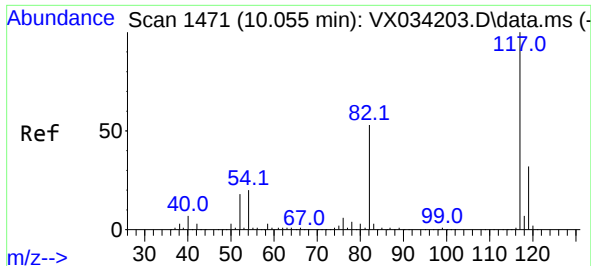
Ion Ratio Lower Upper

95 100

174 81.0 0.0 184.4

176 79.0 0.0 178.8

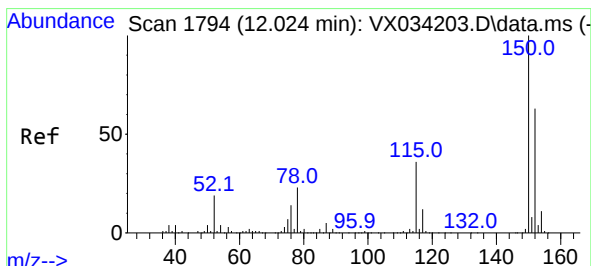
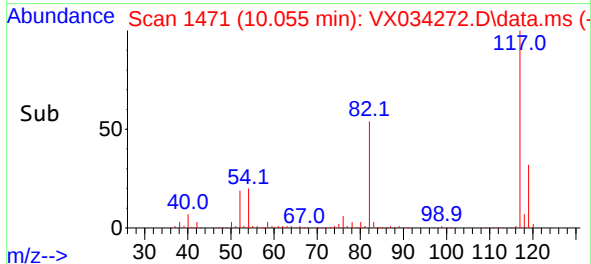
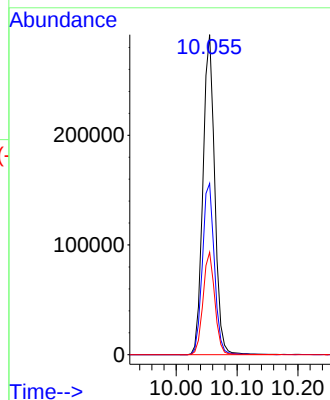
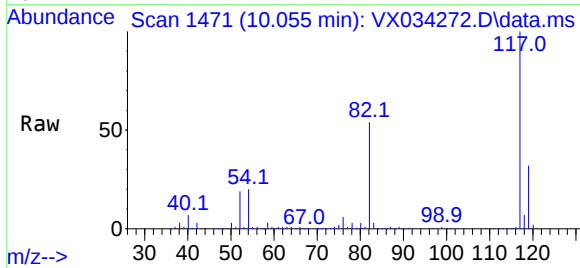




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX034272.D
Acq: 27 Feb 2023 11:28

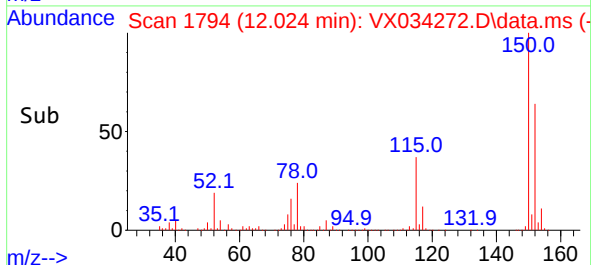
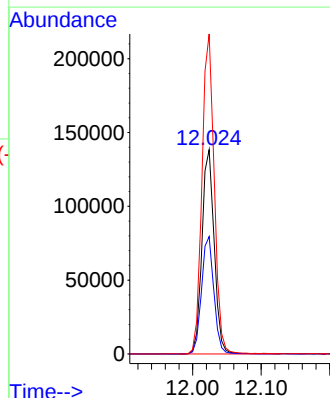
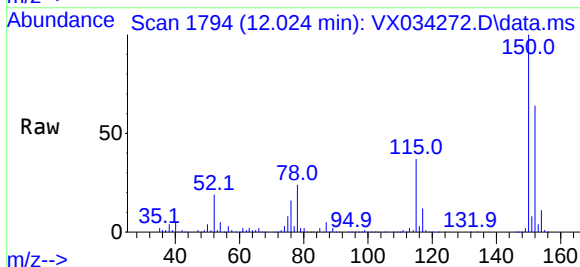
Instrument :
MSVOA_X
ClientSampleId :
VX0227MBL01

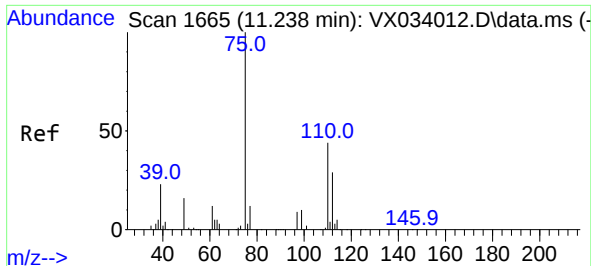
Tgt Ion:117 Resp: 392829
Ion Ratio Lower Upper
117 100
82 53.5 40.6 60.8
119 32.0 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX034272.D
Acq: 27 Feb 2023 11:28

Tgt Ion:152 Resp: 172696
Ion Ratio Lower Upper
152 100
115 57.9 38.7 116.1
150 156.5 0.0 348.2

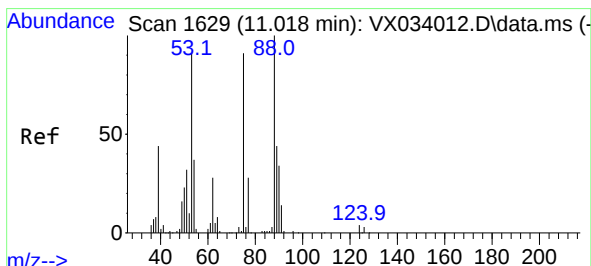
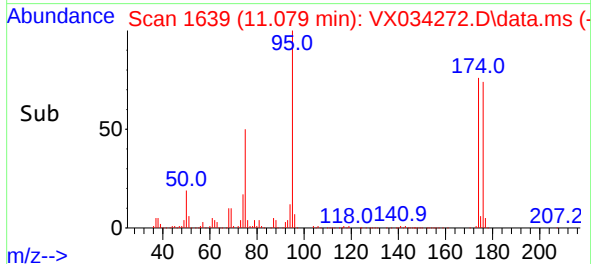
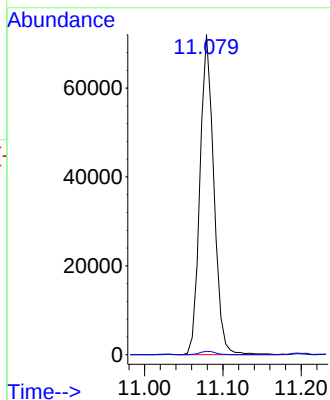
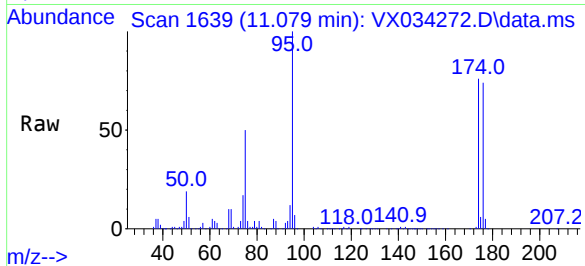




#76
1,2,3-Trichloropropane
Concen: 20.428 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX034272.D
Acq: 27 Feb 2023 11:28

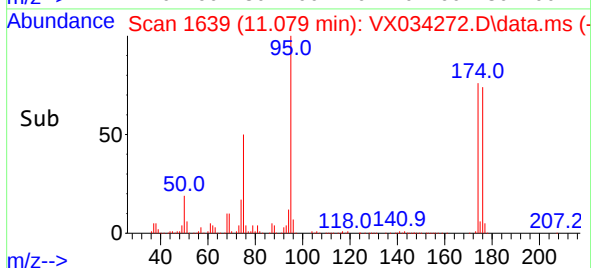
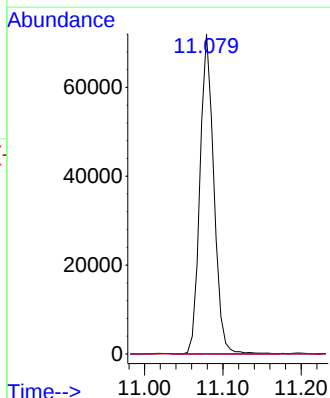
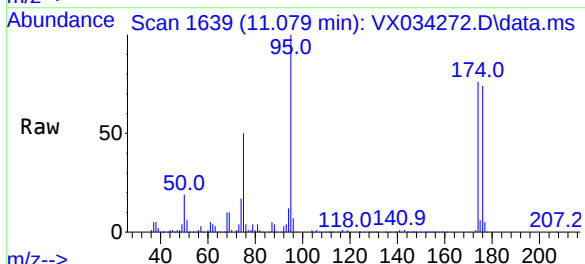
Instrument :
MSVOA_X
ClientSampleId :
VX0227MBL01

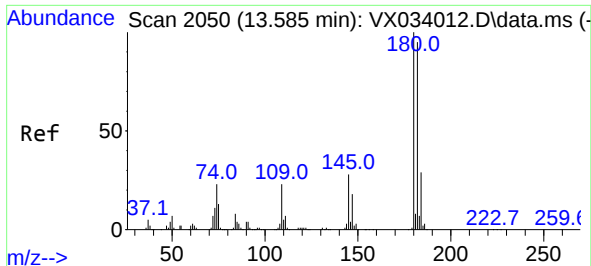
Tgt Ion: 75 Resp: 88770
Ion Ratio Lower Upper
75 100
77 1.2 21.8 65.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 52.478 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX034272.D
Acq: 27 Feb 2023 11:28

Tgt Ion: 75 Resp: 88770
Ion Ratio Lower Upper
75 100
53 0.0 83.0 124.6#
89 0.0 37.7 56.5#

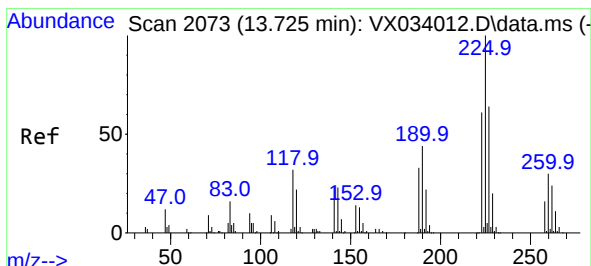
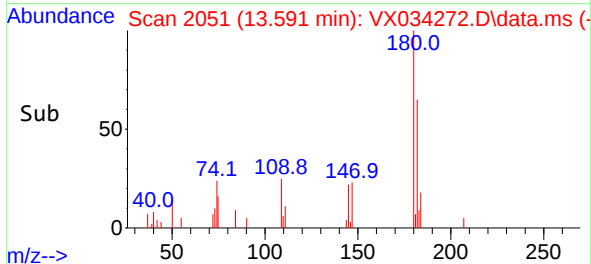
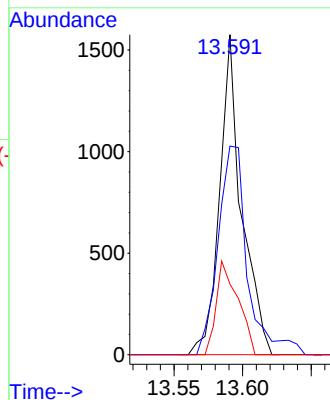
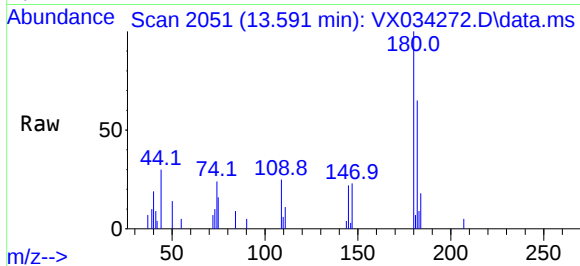




#93
1,2,4-Trichlorobenzene
Concen: 0.471 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. -0.000 min
Lab File: VX034272.D
Acq: 27 Feb 2023 11:28

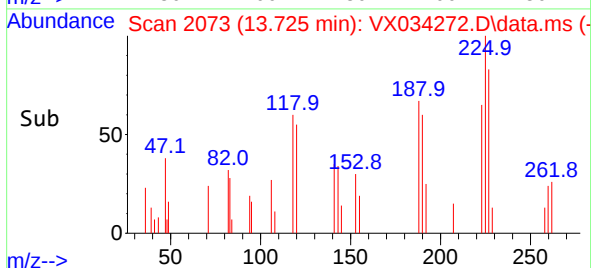
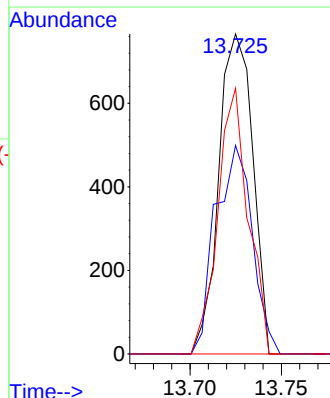
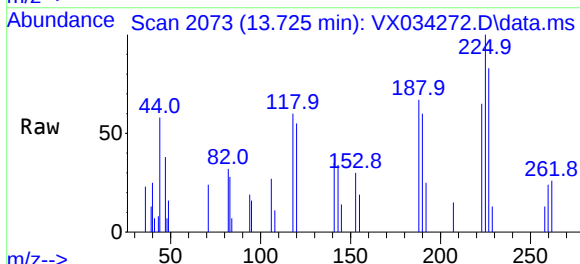
Instrument :
MSVOA_X
ClientSampleId :
VX0227MBL01

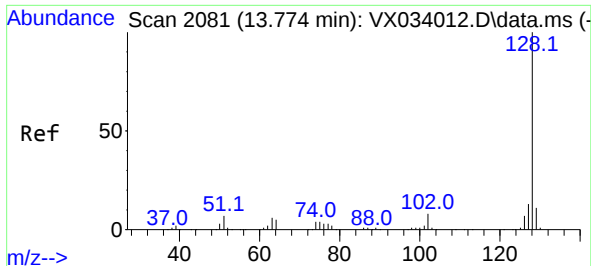
Tgt Ion:180	Resp:	1756
Ion	Ratio	Lower Upper
180	100	
182	87.1	47.9 143.6
145	28.9	14.1 42.2



#94
Hexachlorobutadiene
Concen: 0.642 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX034272.D
Acq: 27 Feb 2023 11:28

Tgt Ion:225	Resp:	993
Ion	Ratio	Lower Upper
225	100	
223	70.4	31.3 93.9
227	74.3	32.3 96.9

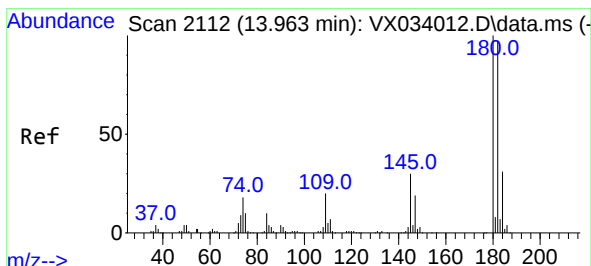
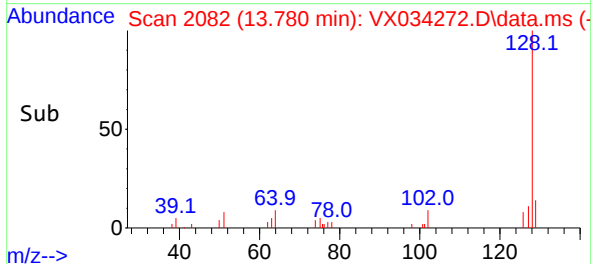
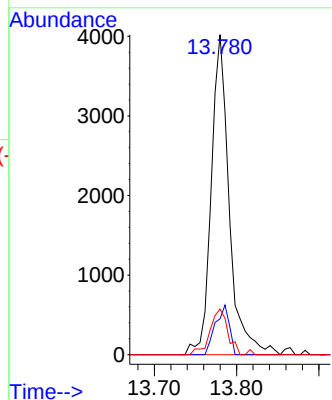
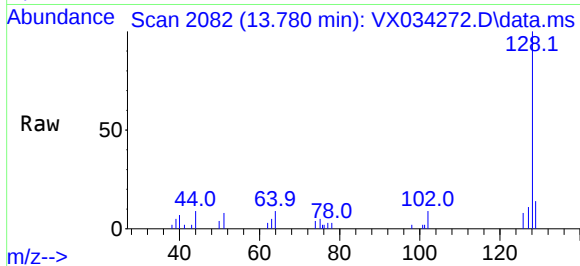




#95
Naphthalene
Concen: 0.487 ug/l
RT: 13.780 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VX034272.D
Acq: 27 Feb 2023 11:28

Instrument :
MSVOA_X
ClientSampleId :
VX0227MBL01

Tgt Ion:128 Resp: 6126
Ion Ratio Lower Upper
128 100
127 11.9 10.3 15.5
129 14.0 8.7 13.1#



#96
1,2,3-Trichlorobenzene
Concen: 0.476 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX034272.D
Acq: 27 Feb 2023 11:28

Tgt Ion:180 Resp: 1763
Ion Ratio Lower Upper
180 100
182 92.9 47.6 142.9
145 29.8 15.1 45.3

