

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100523\
 Data File : VX038102.D
 Acq On : 05 Oct 2023 15:45
 Operator : JC/MD
 Sample : 04742-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 05 16:39:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 05 15:27:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	125219	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	215120	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	204668	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	102988	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	103611	51.444	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 102.880%	
35) Dibromofluoromethane	5.385	113	77524	50.013	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.020%	
50) Toluene-d8	8.647	98	298307	50.362	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 100.720%	
62) 4-Bromofluorobenzene	11.079	95	105699	47.070	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 94.140%	

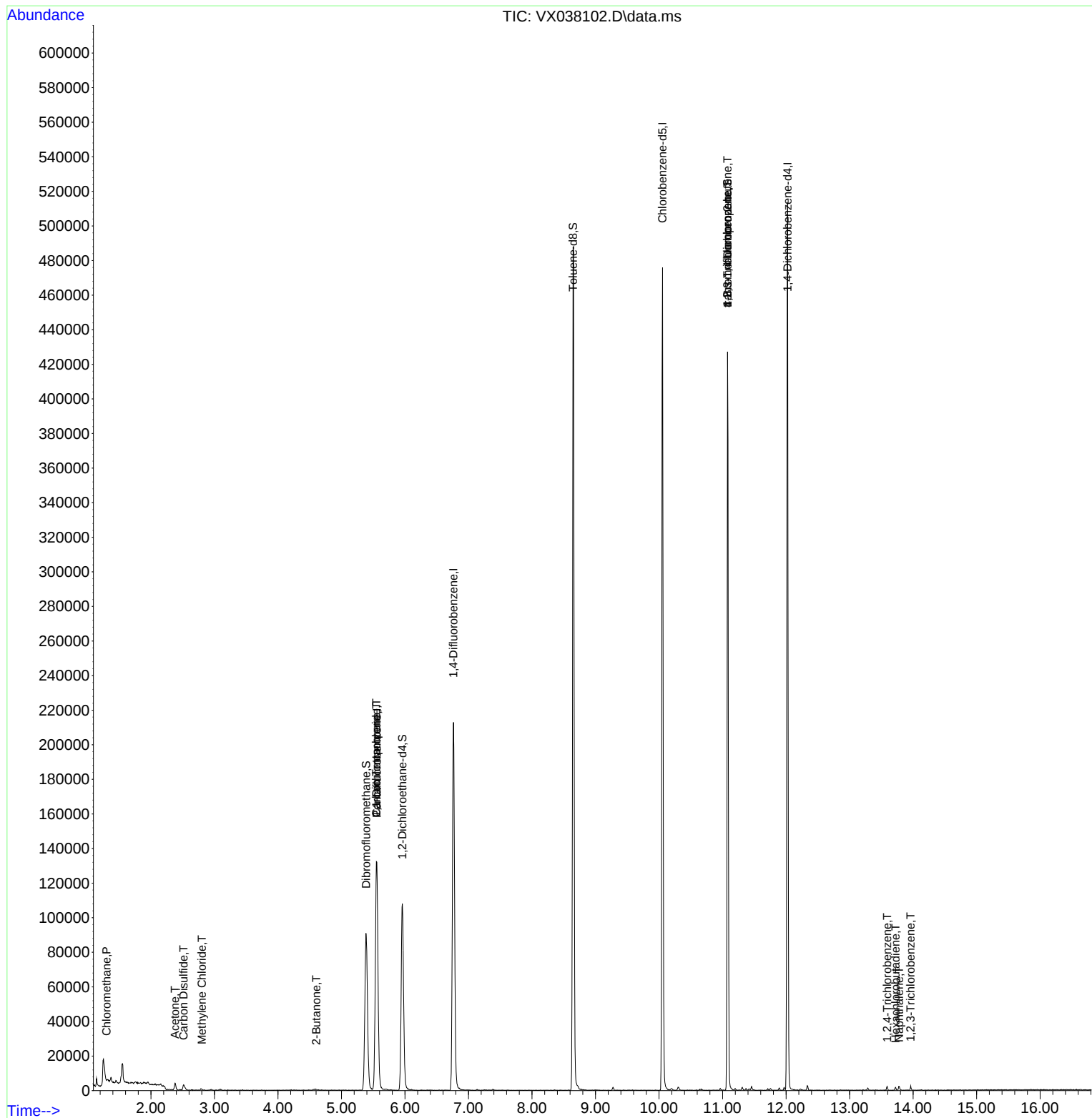
Target Compounds				Qvalue		
3) Chloromethane	1.301	50	557	0.452	ug/l #	43
5) Bromomethane	1.605	94	104	Below Cal	#	3
6) Chloroethane	1.685	64	469	Below Cal	#	78
11) Tert butyl alcohol	2.940	59	286	Below Cal	#	78
16) Acetone	2.380	43	4162	4.951	ug/l #	88
17) Carbon Disulfide	2.514	76	3517	1.065	ug/l	100
20) Methylene Chloride	2.800	84	328	0.207	ug/l #	52
25) 2-Butanone	4.605	43	849	0.626	ug/l #	51
36) 1,1-Dichloropropene	5.550	75	10471	4.899	ug/l #	50
38) Carbon Tetrachloride	5.550	117	13364	6.355	ug/l #	15
76) 1,2,3-Trichloropropane	11.079	75	58725	25.082	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	58725	71.364	ug/l #	5
93) 1,2,4-Trichlorobenzene	13.591	180	605	0.277	ug/l	88
94) Hexachlorobutadiene	13.725	225	344	0.391	ug/l	87
95) Naphthalene	13.780	128	2065	0.272	ug/l #	87
96) 1,2,3-Trichlorobenzene	13.963	180	701	0.332	ug/l #	83

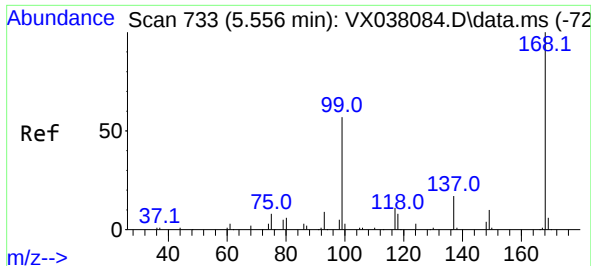
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100523\
Data File : VX038102.D
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Operator : JC/MD
Sample : 04742-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

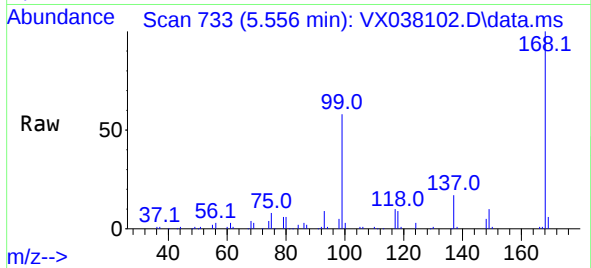
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 05 15:27:13 2023
Response via : Initial Calibration



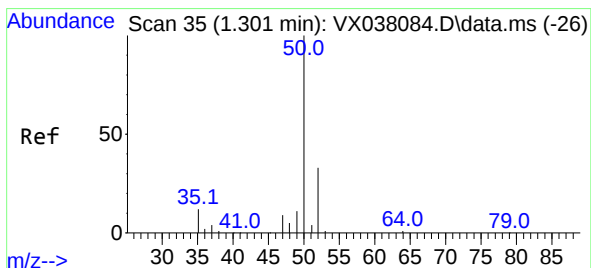
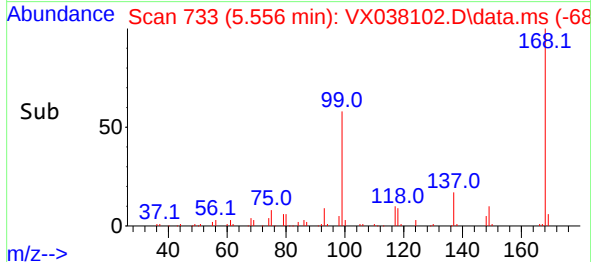
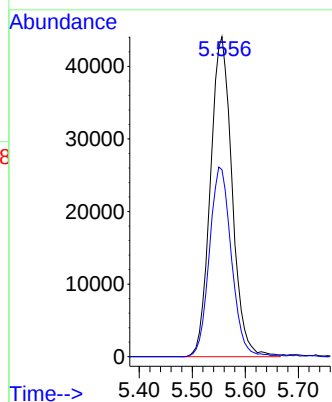


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038102.D
Acq: 05 Oct 2023 15:45

Instrument :
MSVOA_X
ClientSampleId :

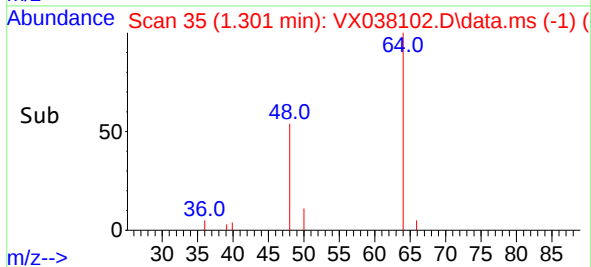
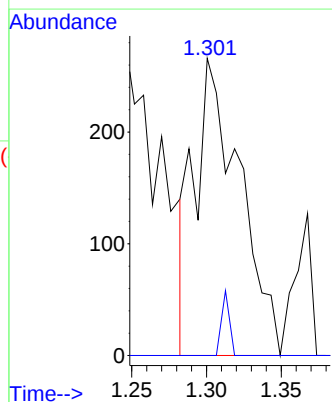
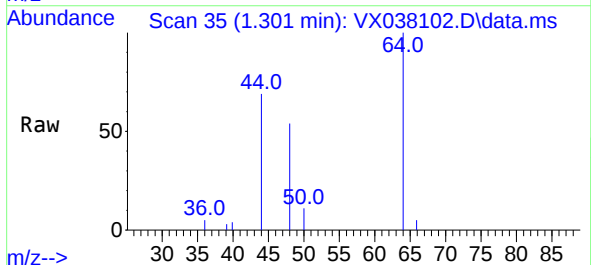


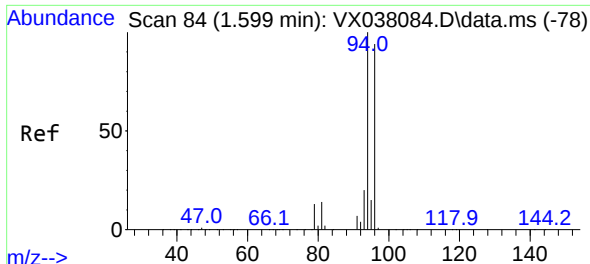
Tgt Ion:168 Resp: 125219
Ion Ratio Lower Upper
168 100
99 58.4 56.6 85.0



#3
Chloromethane
Concen: 0.452 ug/l
RT: 1.301 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX038102.D
Acq: 05 Oct 2023 15:45

Tgt Ion: 50 Resp: 557
Ion Ratio Lower Upper
50 100
52 0.0 25.5 38.3#

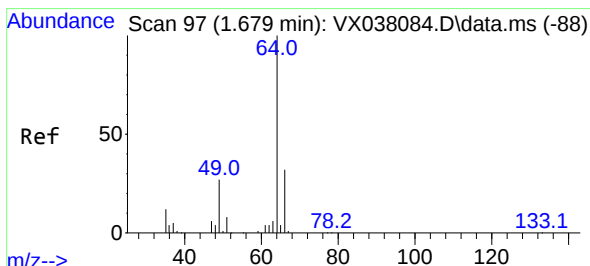
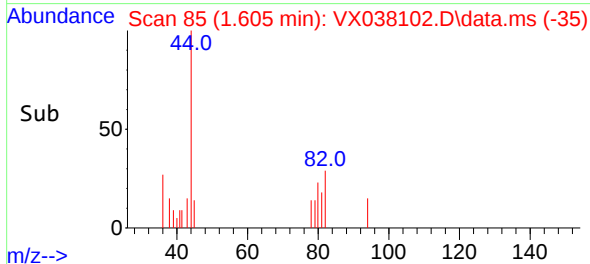
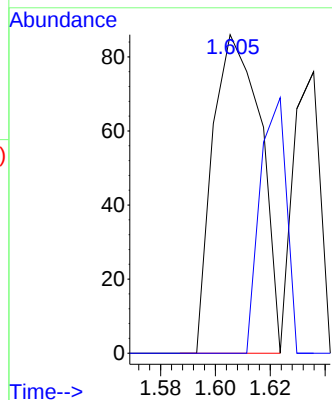
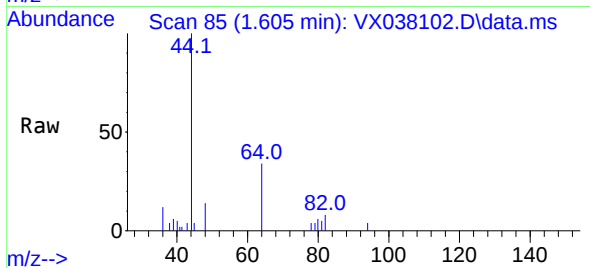




#5
Bromomethane
Concen: Below Cal
RT: 1.605 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX038102.D
Acq: 05 Oct 2023 15:45

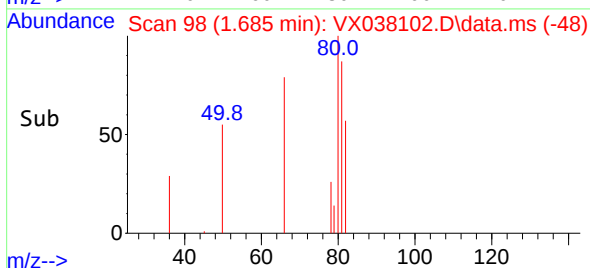
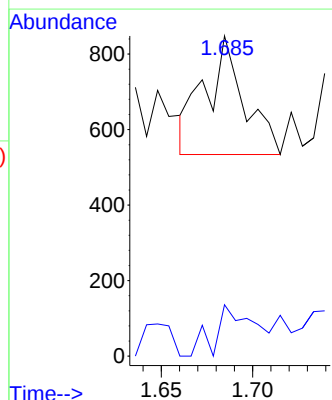
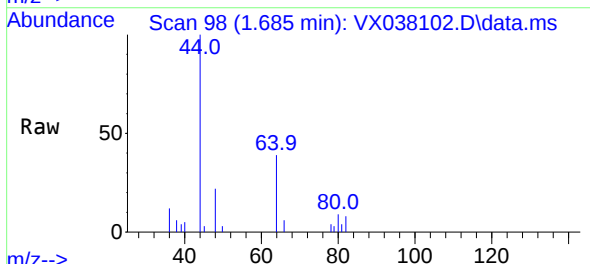
Instrument :
MSVOA_X
ClientSampleId :

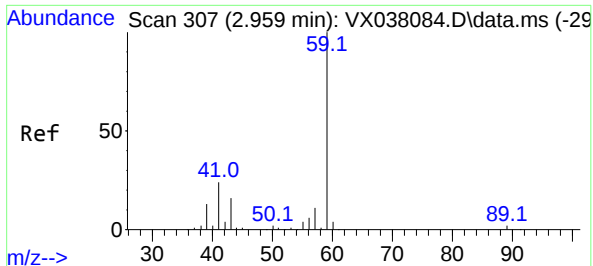
Tgt Ion: 94 Resp: 104
Ion Ratio Lower Upper
94 100
96 0.0 74.6 111.8#



#6
Chloroethane
Concen: Below Cal
RT: 1.685 min Scan# 98
Delta R.T. 0.006 min
Lab File: VX038102.D
Acq: 05 Oct 2023 15:45

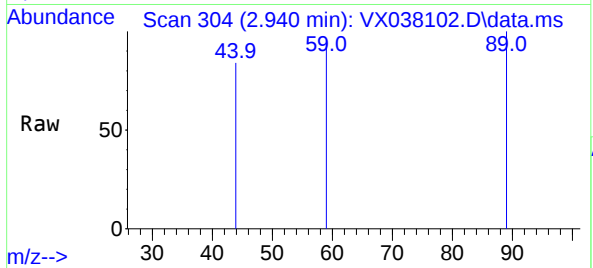
Tgt Ion: 64 Resp: 469
Ion Ratio Lower Upper
64 100
66 43.3 25.1 37.7#



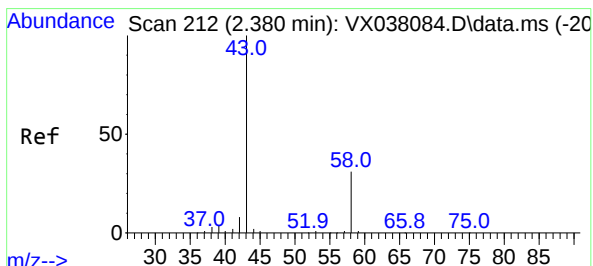
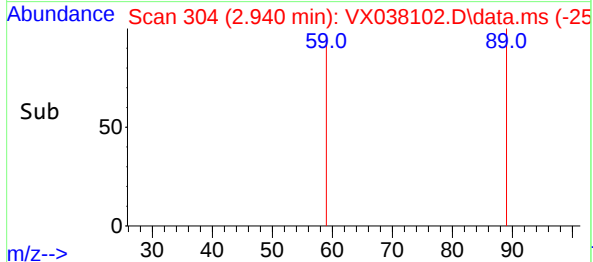
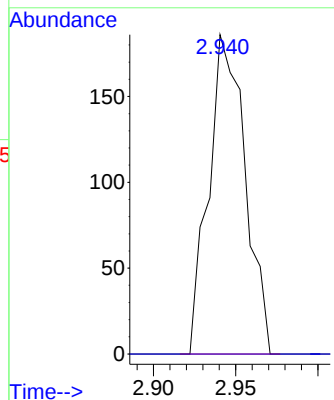


#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.940 min Scan# 307
Delta R.T. -0.019 min
Lab File: VX038102.D
Acq: 05 Oct 2023 15:45

Instrument :
MSVOA_X
ClientSampleId :

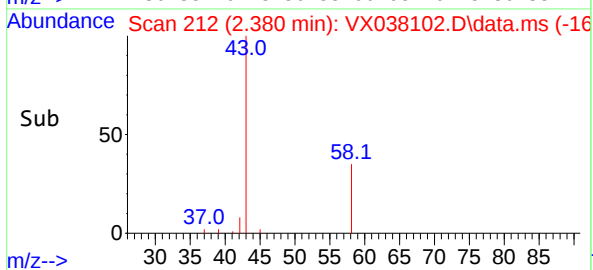
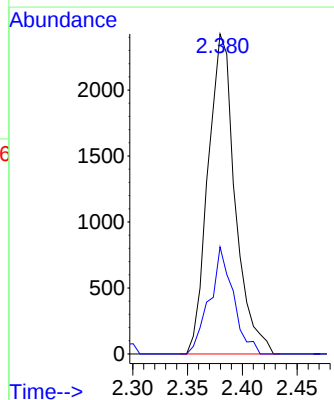
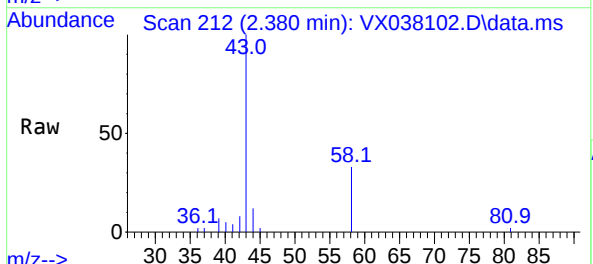


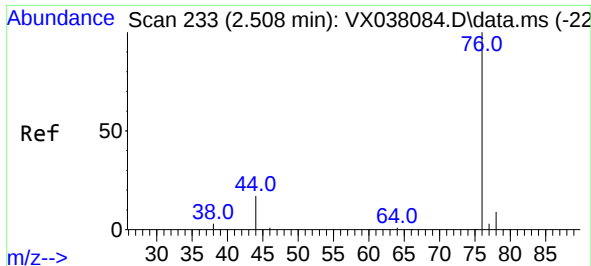
Tgt Ion: 59 Resp: 286
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



#16
Acetone
Concen: 4.951 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX038102.D
Acq: 05 Oct 2023 15:45

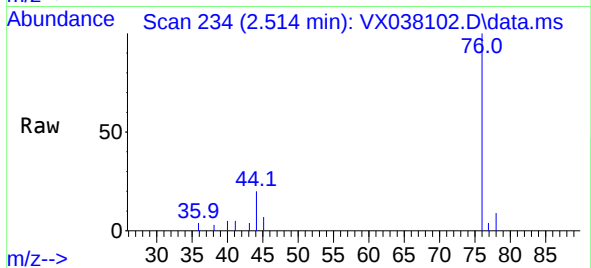
Tgt Ion: 43 Resp: 4162
Ion Ratio Lower Upper
43 100
58 33.4 21.9 32.9#



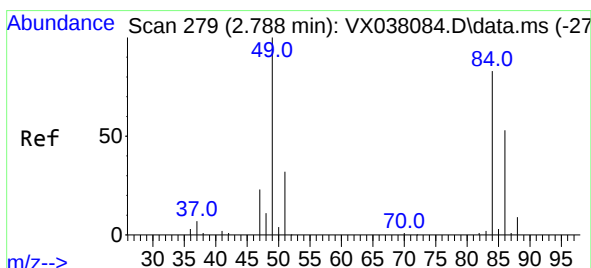
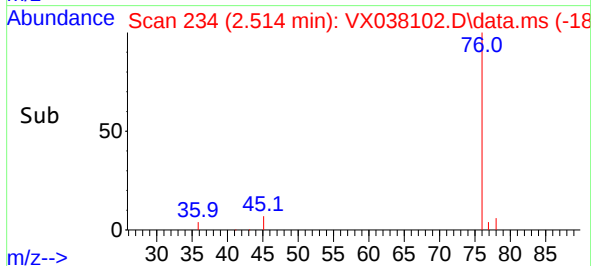
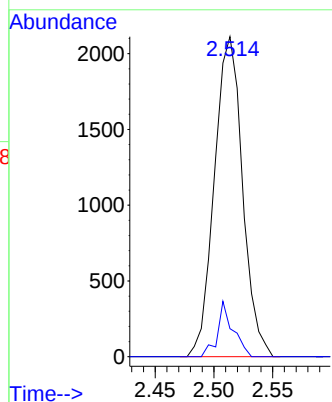


#17
Carbon Disulfide
Concen: 1.065 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX038102.D
Acq: 05 Oct 2023 15:45

Instrument :
MSVOA_X
ClientSampleId :

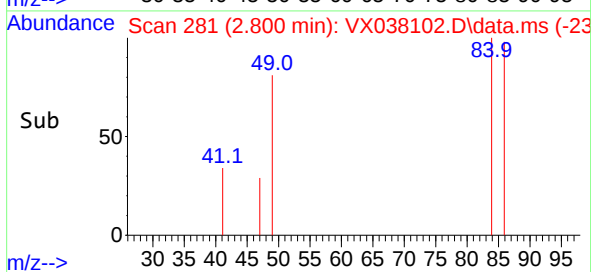
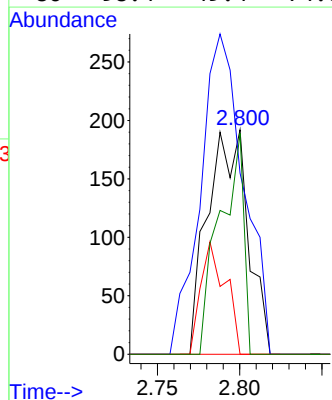
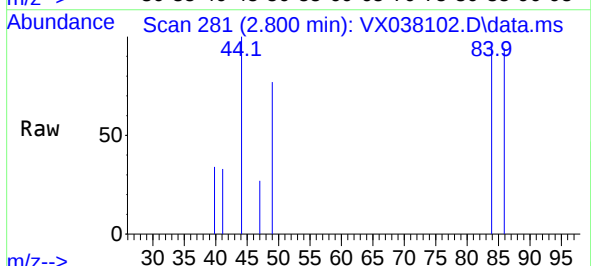


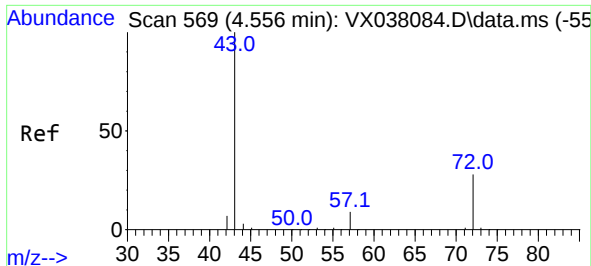
Tgt Ion: 76 Resp: 3517
Ion Ratio Lower Upper
76 100
78 8.8 7.0 10.6



#20
Methylene Chloride
Concen: 0.207 ug/l
RT: 2.800 min Scan# 281
Delta R.T. 0.012 min
Lab File: VX038102.D
Acq: 05 Oct 2023 15:45

Tgt Ion: 84 Resp: 328
Ion Ratio Lower Upper
84 100
49 80.7 103.6 155.4#
51 0.0 33.8 50.6#
86 98.4 49.4 74.0#





#25

2-Butanone

Concen: 0.626 ug/l

RT: 4.605 min Scan# 51

Delta R.T. 0.049 min

Lab File: VX038102.D

Acq: 05 Oct 2023 15:45

Instrument :

MSVOA_X

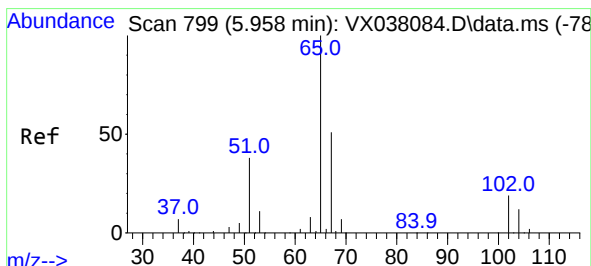
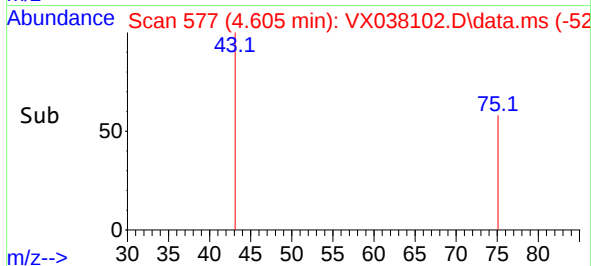
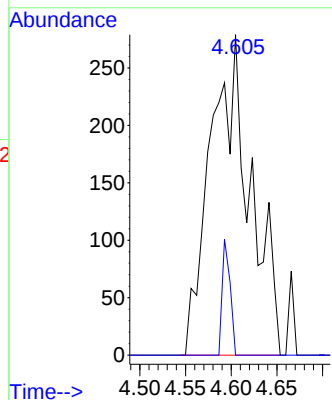
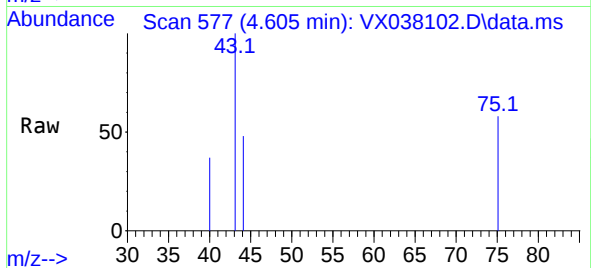
ClientSampleId :

Tgt Ion: 43 Resp: 849

Ion Ratio Lower Upper

43 100

72 0.0 19.4 29.2#



#33

1,2-Dichloroethane-d4

Concen: 51.444 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX038102.D

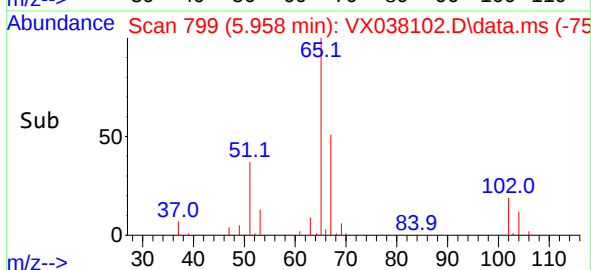
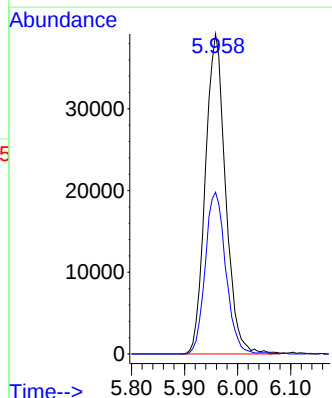
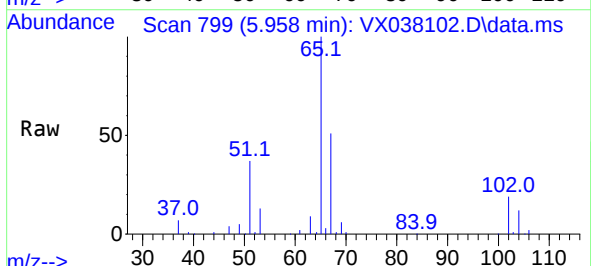
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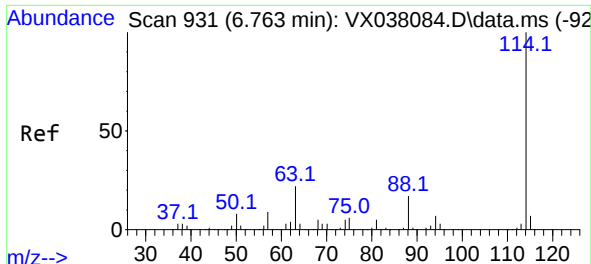
Tgt Ion: 65 Resp: 103611

Ion Ratio Lower Upper

65 100

67 51.2 0.0 100.2

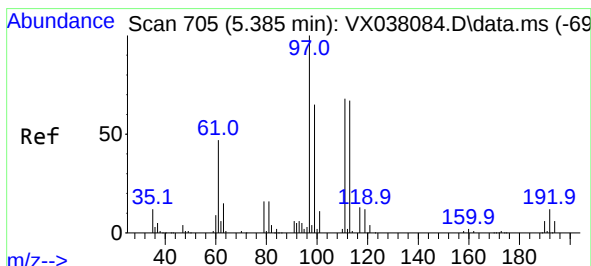
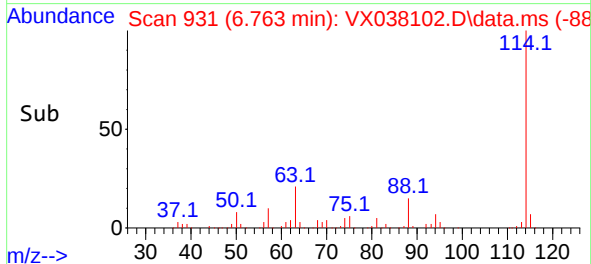
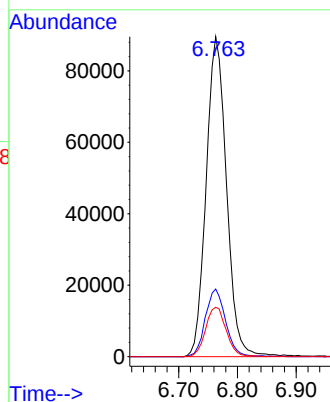
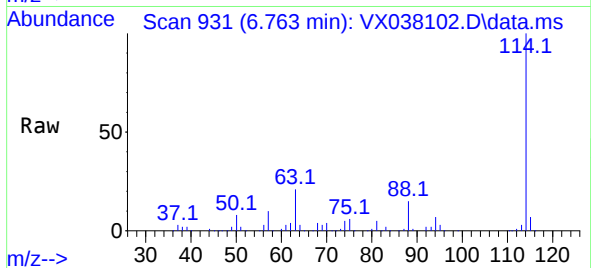




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX038102.D
Acq: 05 Oct 2023 15:45

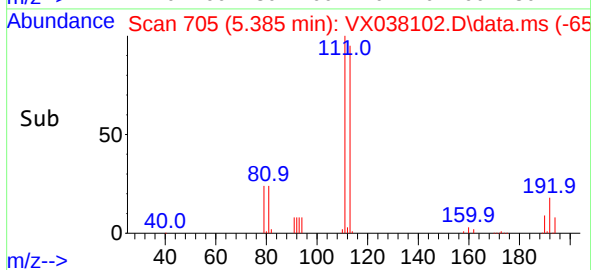
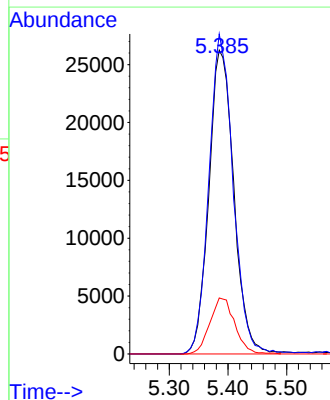
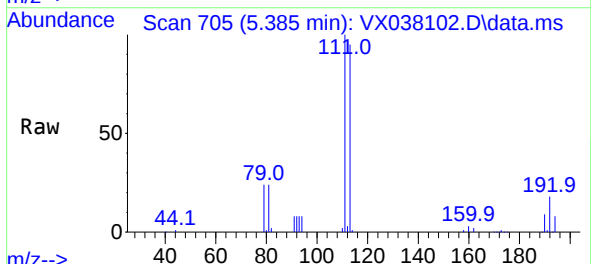
Instrument :
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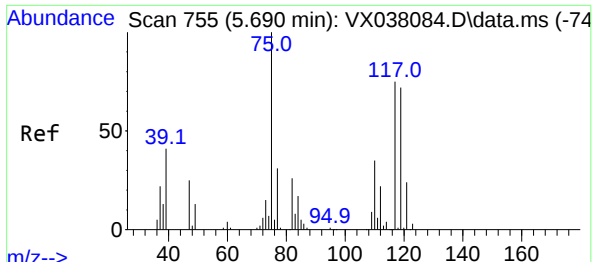
Tgt Ion:114 Resp: 215120
Ion Ratio Lower Upper
114 100
63 21.2 0.0 45.0
88 15.4 0.0 36.6



#35
Dibromofluoromethane
Concen: 50.013 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038102.D
Acq: 05 Oct 2023 15:45

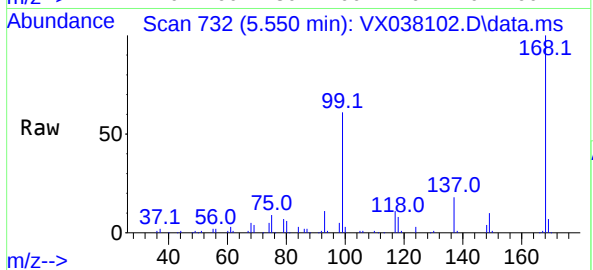
Tgt Ion:113 Resp: 77524
Ion Ratio Lower Upper
113 100
111 102.4 82.9 124.3
192 18.4 13.3 19.9



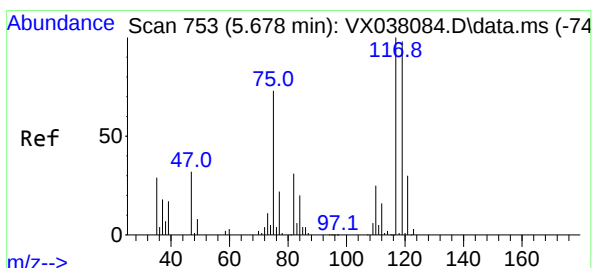
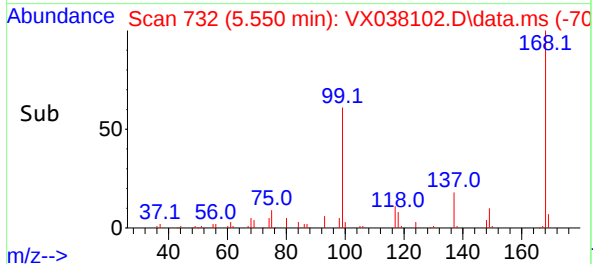
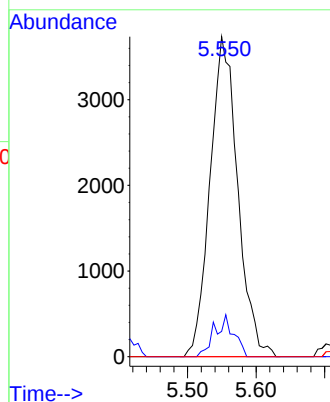


#36
1,1-Dichloropropene
Concen: 4.899 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX038102.D
Acq: 05 Oct 2023 15:45

Instrument :
MSVOA_X
ClientSampleId :

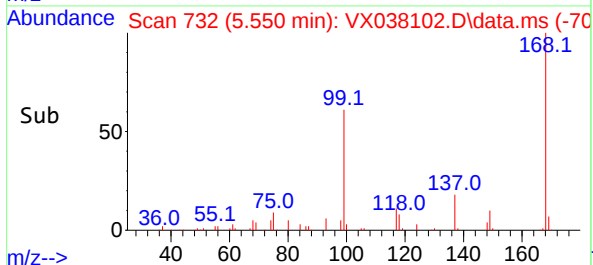
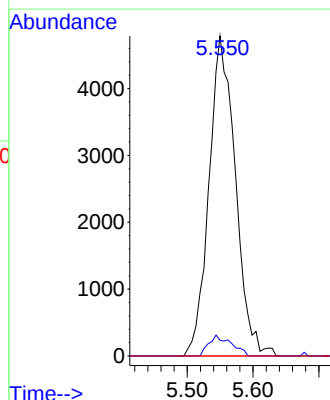
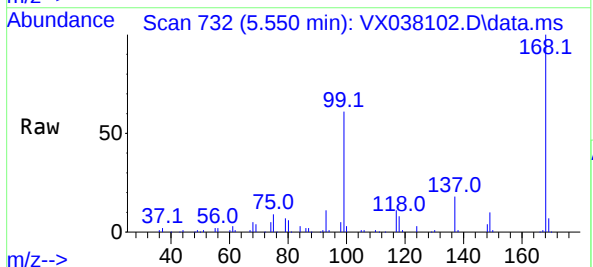


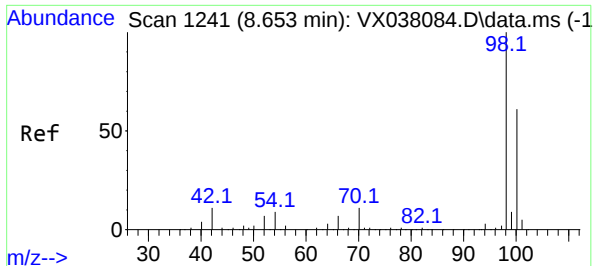
Tgt Ion: 75 Resp: 10471
Ion Ratio Lower Upper
75 100
110 9.0 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.355 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX038102.D
Acq: 05 Oct 2023 15:45

Tgt Ion: 117 Resp: 13364
Ion Ratio Lower Upper
117 100
119 4.9 78.2 117.2#
121 0.0 24.4 36.6#

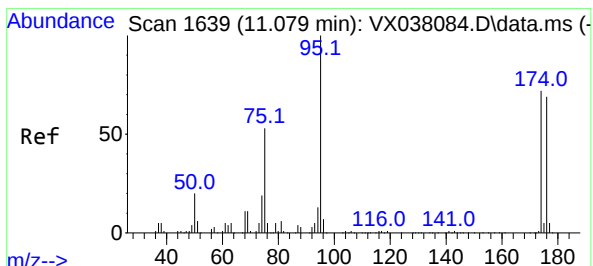
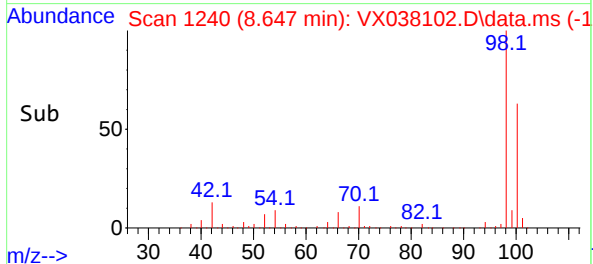
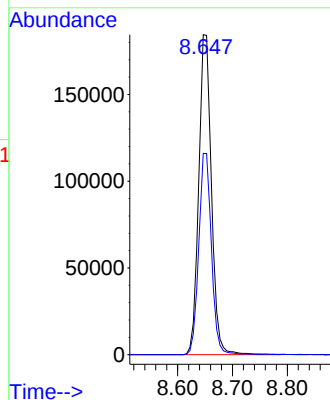
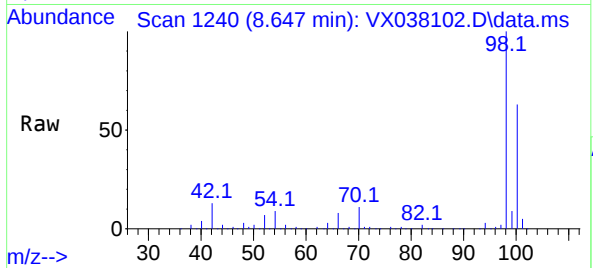




#50
Toluene-d8
Concen: 50.362 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX038102.D
Acq: 05 Oct 2023 15:45

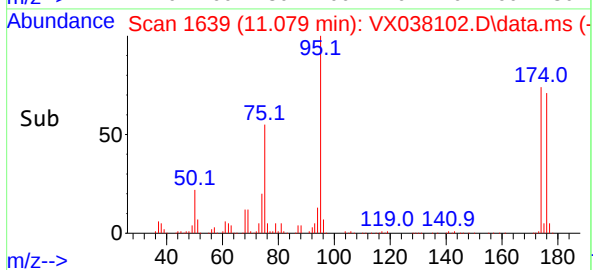
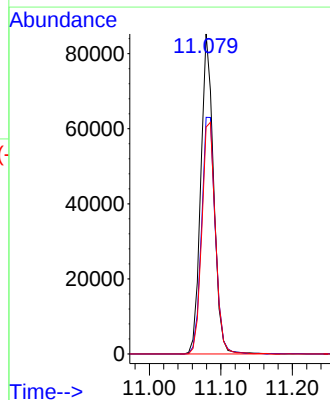
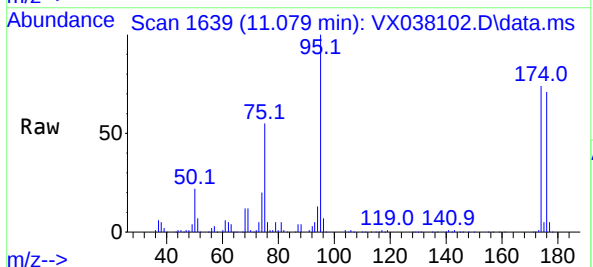
Instrument :
MSVOA_X
ClientSampleId :

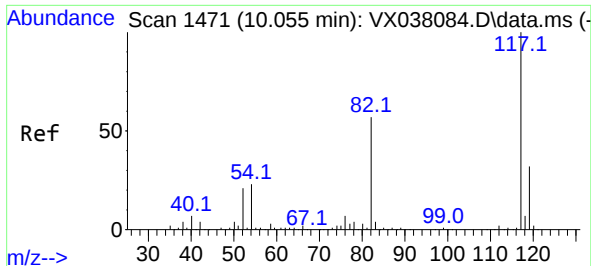
Tgt Ion: 98 Resp: 298307
Ion Ratio Lower Upper
98 100
100 62.9 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 47.070 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038102.D
Acq: 05 Oct 2023 15:45

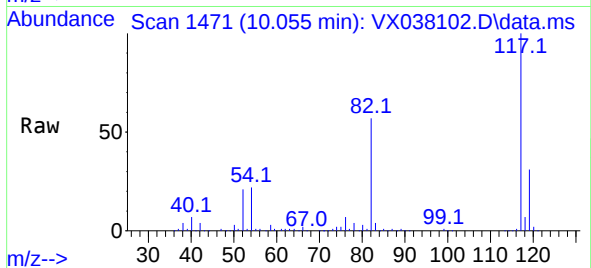
Tgt Ion: 95 Resp: 105699
Ion Ratio Lower Upper
95 100
174 79.4 0.0 135.6
176 76.6 0.0 131.0



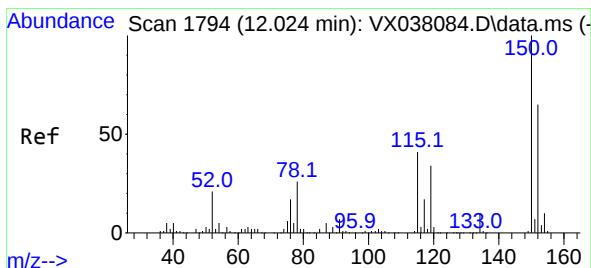
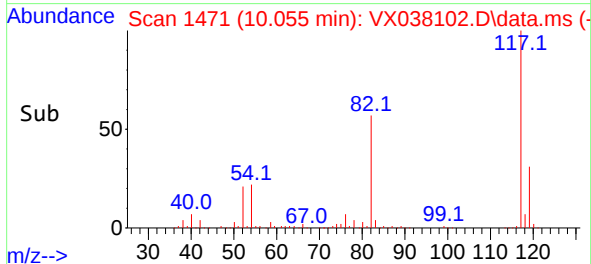
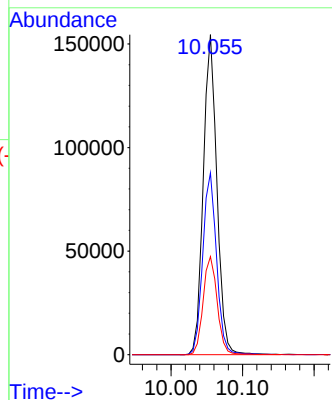


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038102.D
Acq: 05 Oct 2023 15:45

Instrument :
MSVOA_X
ClientSampleId :

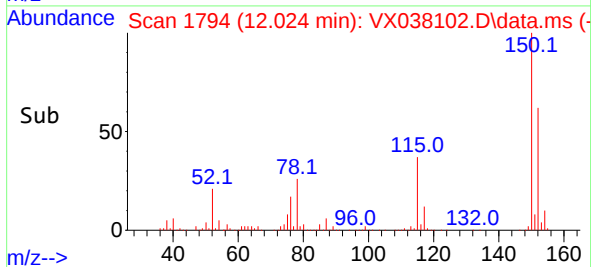
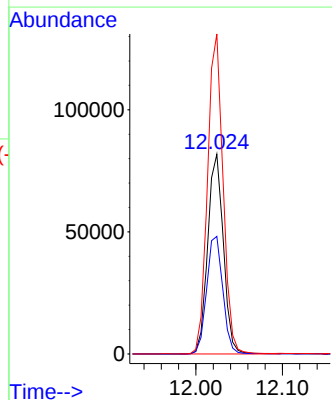
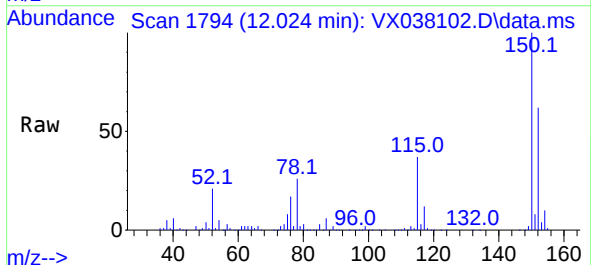


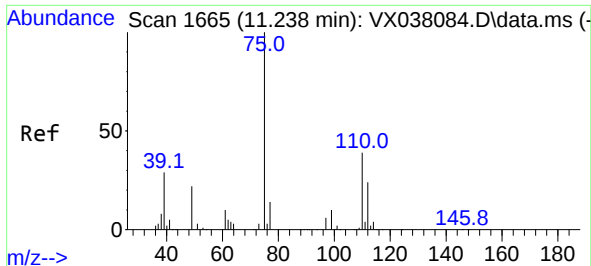
Tgt Ion:117 Resp: 204668
Ion Ratio Lower Upper
117 100
82 56.8 46.2 69.4
119 30.6 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX038102.D
Acq: 05 Oct 2023 15:45

Tgt Ion:152 Resp: 102988
Ion Ratio Lower Upper
152 100
115 60.8 43.3 129.9
150 158.4 0.0 345.0

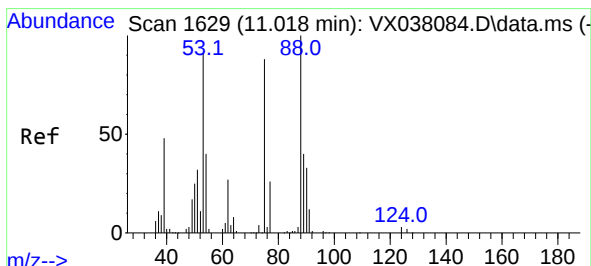
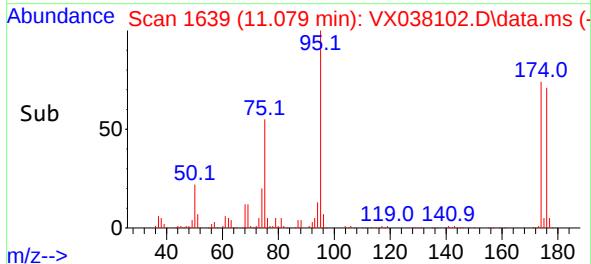
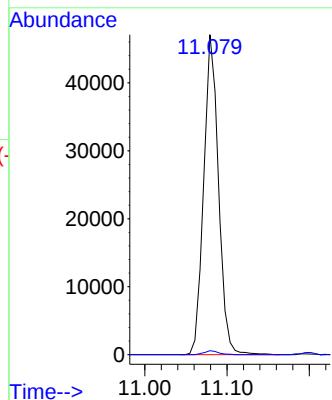
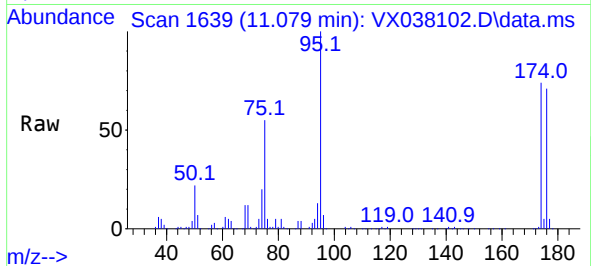




#76
1,2,3-Trichloropropane
Concen: 25.082 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX038102.D
Acq: 05 Oct 2023 15:45

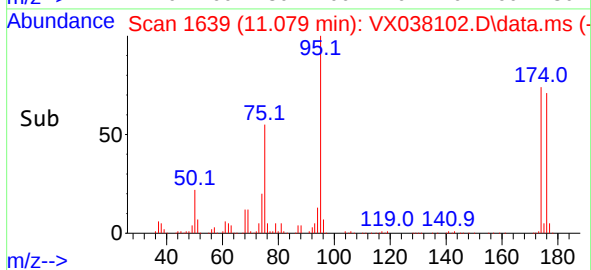
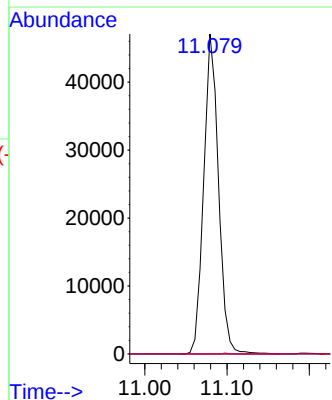
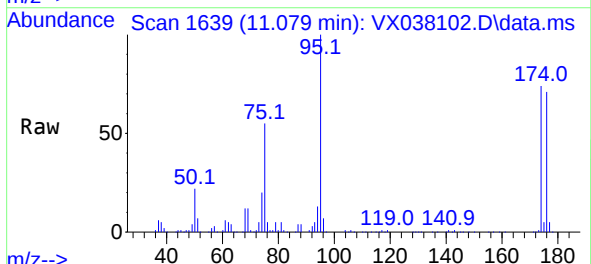
Instrument :
MSVOA_X
ClientSampleId :

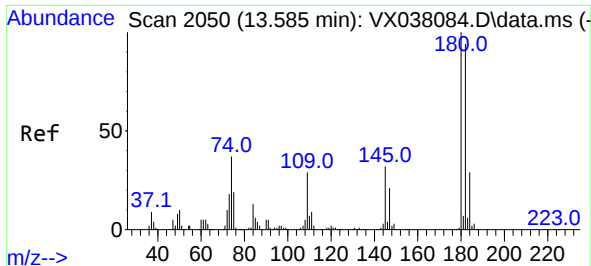
Tgt Ion: 75 Resp: 58725
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 71.364 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX038102.D
Acq: 05 Oct 2023 15:45

Tgt Ion: 75 Resp: 58725
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.1 36.9 55.3#

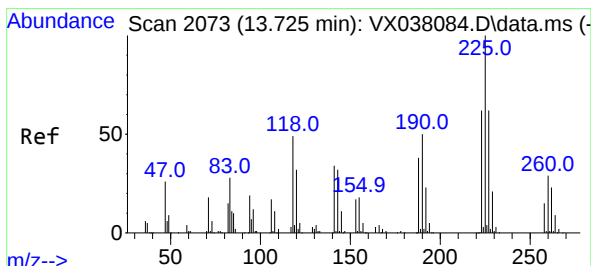
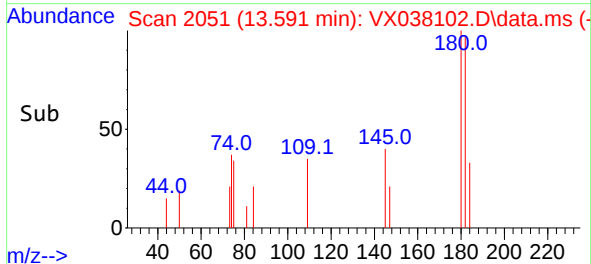
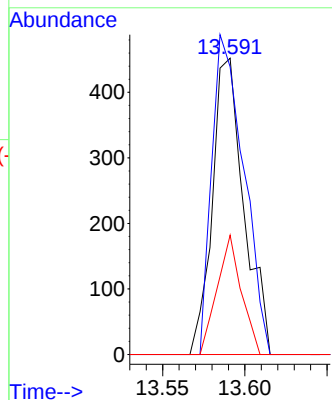
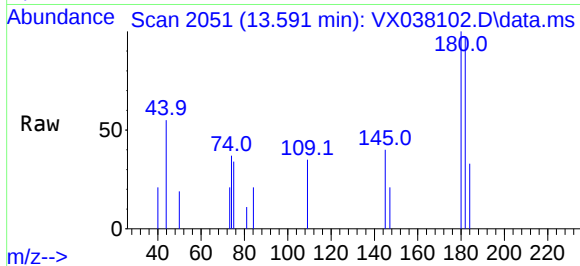




#93
1,2,4-Trichlorobenzene
Concen: 0.277 ug/l
RT: 13.591 min Scan# 2050
Delta R.T. 0.006 min
Lab File: VX038102.D
Acq: 05 Oct 2023 15:45

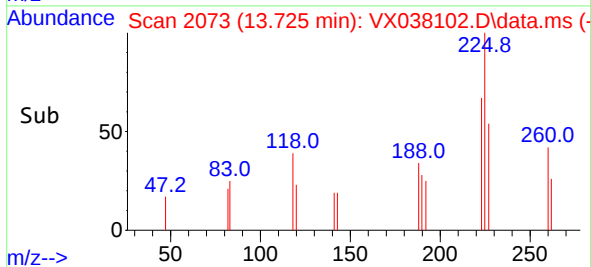
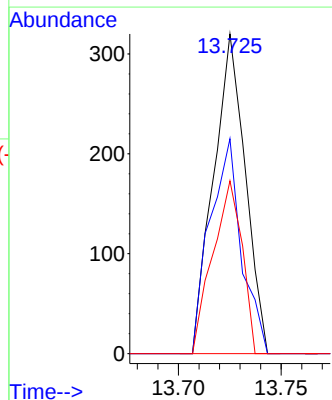
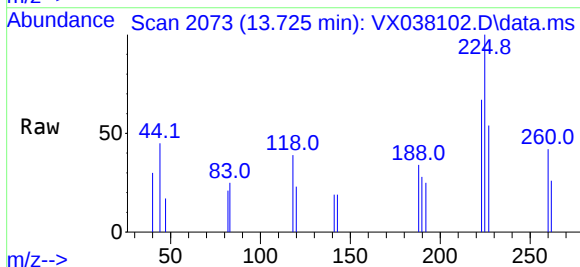
Instrument :
MSVOA_X
ClientSampleId :

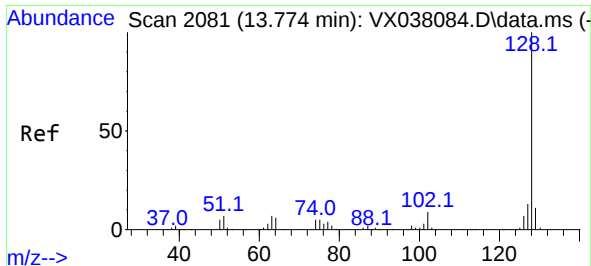
Tgt Ion:180 Resp: 605
Ion Ratio Lower Upper
180 100
182 108.9 48.3 144.8
145 30.9 18.0 54.0



#94
Hexachlorobutadiene
Concen: 0.391 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX038102.D
Acq: 05 Oct 2023 15:45

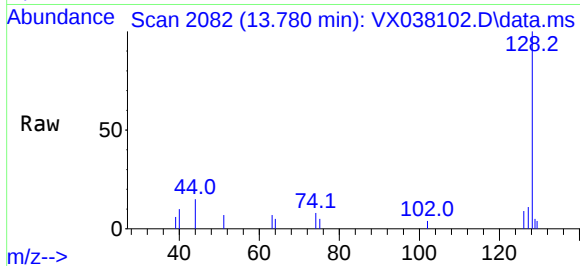
Tgt Ion:225 Resp: 344
Ion Ratio Lower Upper
225 100
223 66.6 31.1 93.2
227 50.0 32.5 97.5



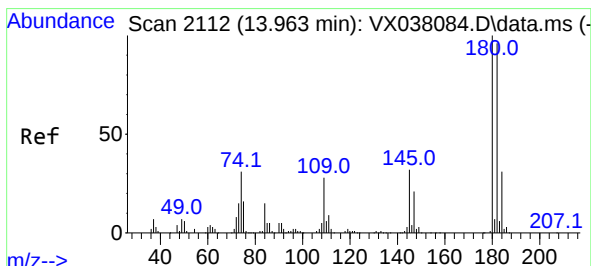
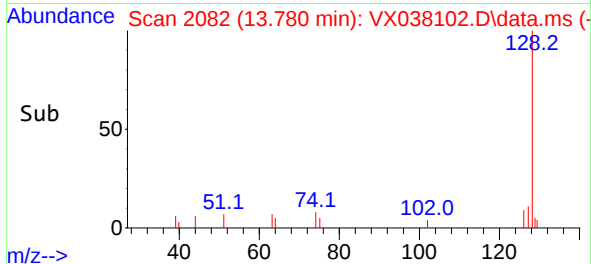
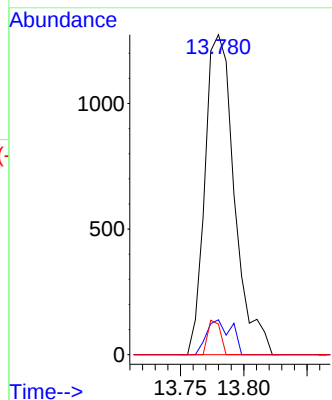


#95
Naphthalene
Concen: 0.272 ug/l
RT: 13.780 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VX038102.D
Acq: 05 Oct 2023 15:45

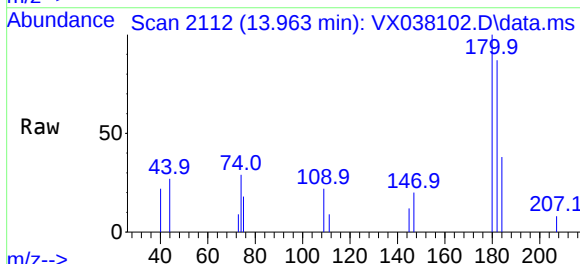
Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:128 Resp: 2065
Ion Ratio Lower Upper
128 100
127 9.2 10.3 15.5#
129 4.6 8.8 13.2#



#96
1,2,3-Trichlorobenzene
Concen: 0.332 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX038102.D
Acq: 05 Oct 2023 15:45



Tgt Ion:180 Resp: 701
Ion Ratio Lower Upper
180 100
182 85.3 46.9 140.6
145 12.6 17.8 53.5#

