

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100523\
 Data File : VX038103.D
 Acq On : 05 Oct 2023 16:08
 Operator : JC/MD
 Sample : 04742-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-RW10A-GW-600-602

Quant Time: Oct 05 16:39:53 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)

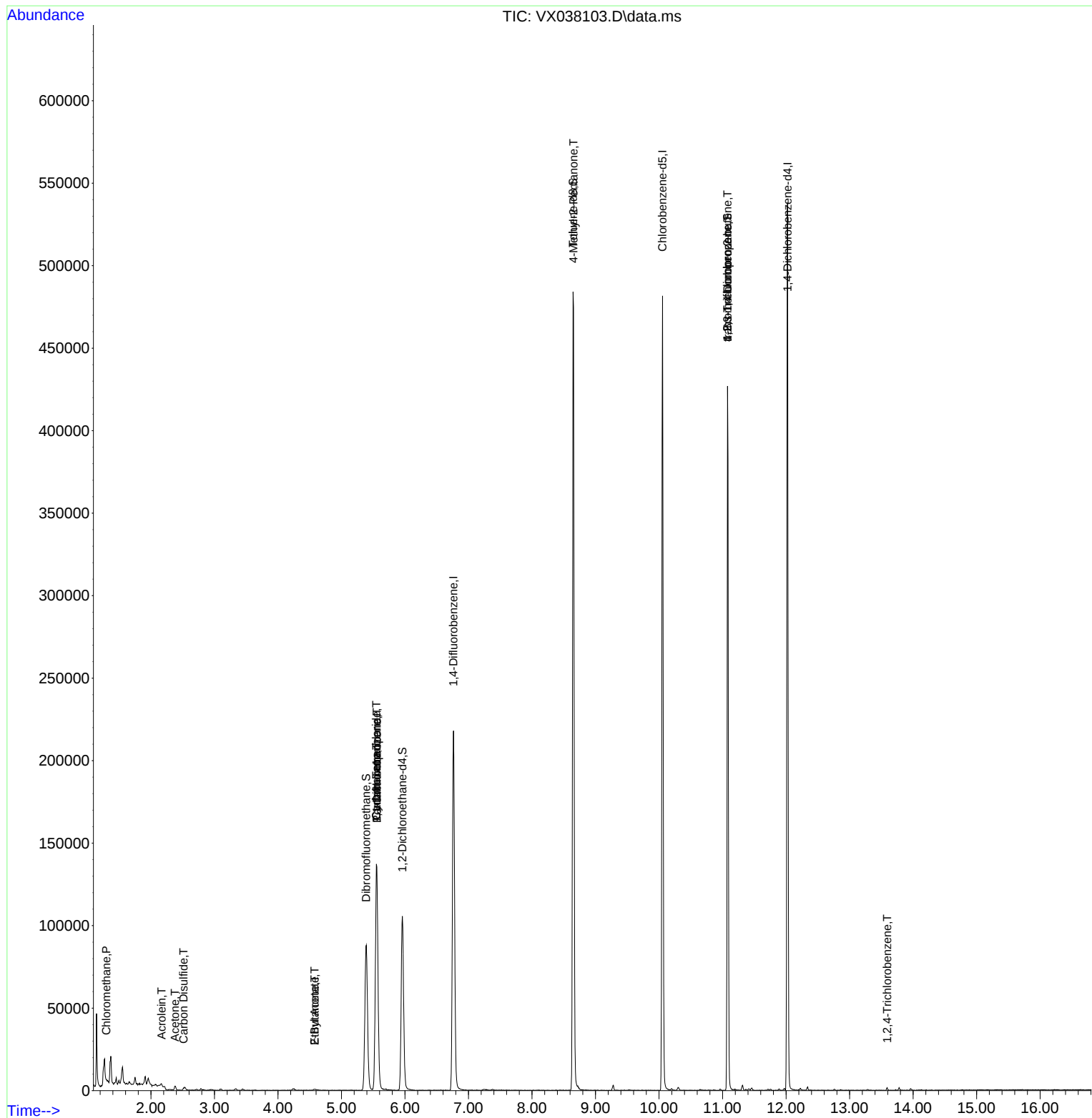
Internal Standards						
1) Pentafluorobenzene	5.556	168	128676	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	219764	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	211567	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	109520	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	102203	49.381	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.760%
35) Dibromofluoromethane	5.385	113	76008	47.999	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.000%
50) Toluene-d8	8.646	98	295799	48.884	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.760%
62) 4-Bromofluorobenzene	11.079	95	107301	46.774	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.540%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	300	0.237	ug/l #	43
5) Bromomethane	1.605	94	112	Below Cal	#	3
6) Chloroethane	1.684	64	213	Below Cal	#	86
11) Tert butyl alcohol	2.940	59	312	Below Cal	#	78
13) Acrolein	2.166	56	67	0.228	ug/l #	1
16) Acetone	2.379	43	2856	3.306	ug/l	99
17) Carbon Disulfide	2.513	76	1370	0.404	ug/l #	85
25) 2-Butanone	4.574	43	1023	0.734	ug/l #	51
31) Cyclohexane	5.549	56	3392	1.513	ug/l #	43
36) 1,1-Dichloropropene	5.556	75	10849	4.968	ug/l #	52
37) Ethyl Acetate	4.574	43	1023	0.394	ug/l #	69
38) Carbon Tetrachloride	5.549	117	13591	6.327	ug/l #	16
51) 4-Methyl-2-Pentanone	8.653	43	1324	0.496	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	59954	24.080	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	59954	68.673	ug/l #	5
93) 1,2,4-Trichlorobenzene	13.591	180	492	0.212	ug/l	84

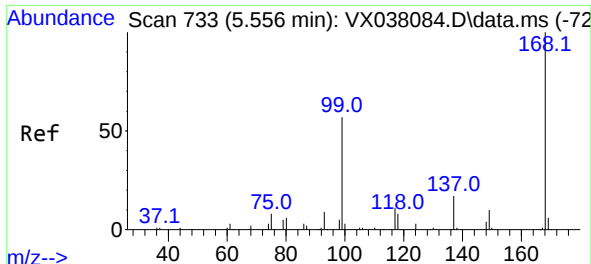
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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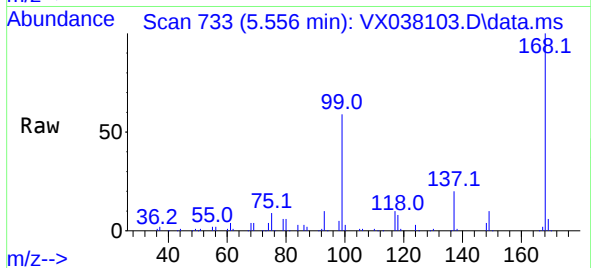
Quant Time: Oct 05 16:39:53 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 05 15:27:13 2023
Response via : Initial Calibration



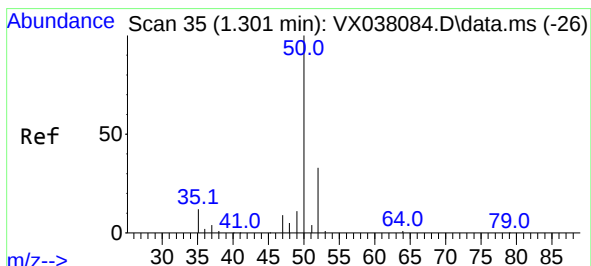
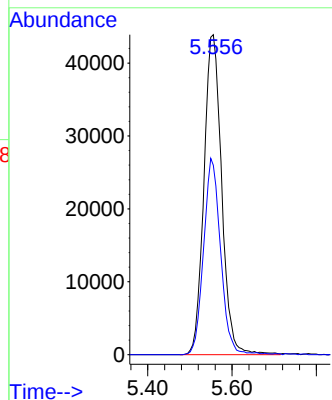
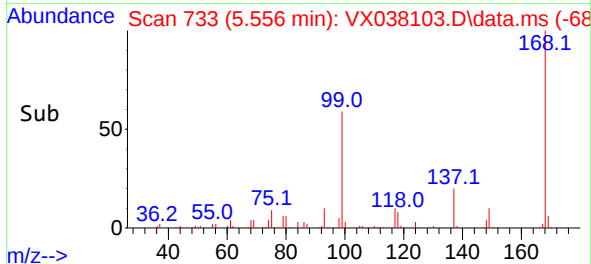


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038103.D
Acq: 05 Oct 2023 16:08

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10A-GW-600-602

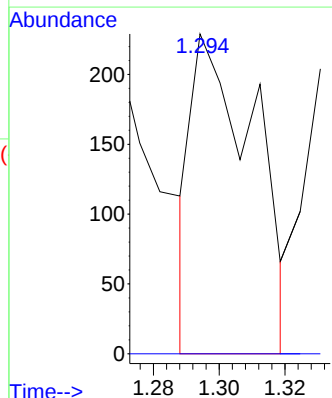
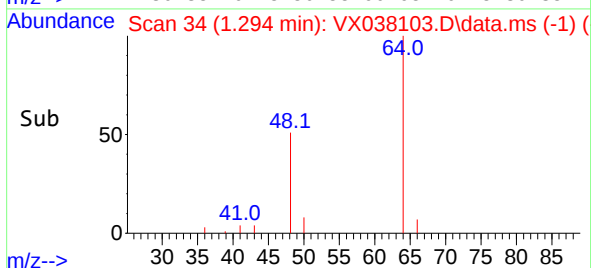
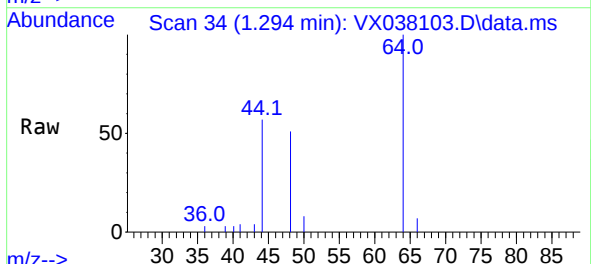


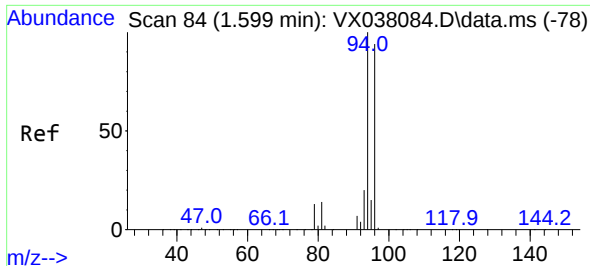
Tgt Ion:168 Resp: 128676
Ion Ratio Lower Upper
168 100
99 59.2 56.6 85.0



#3
Chloromethane
Concen: 0.237 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.007 min
Lab File: VX038103.D
Acq: 05 Oct 2023 16:08

Tgt Ion: 50 Resp: 300
Ion Ratio Lower Upper
50 100
52 0.0 25.5 38.3#

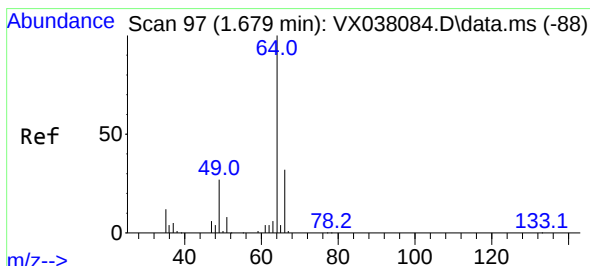
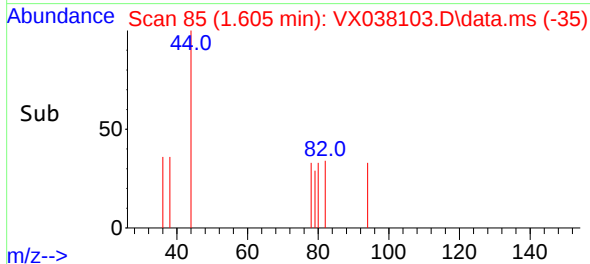
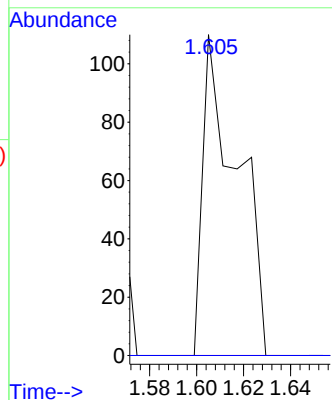
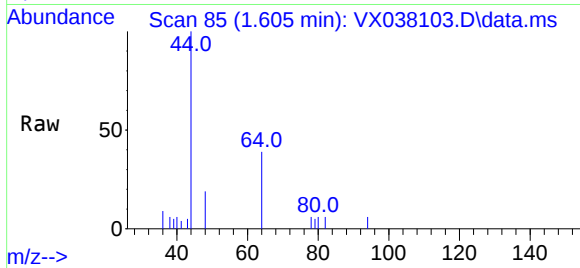




#5
Bromomethane
Concen: Below Cal
RT: 1.605 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX038103.D
Acq: 05 Oct 2023 16:08

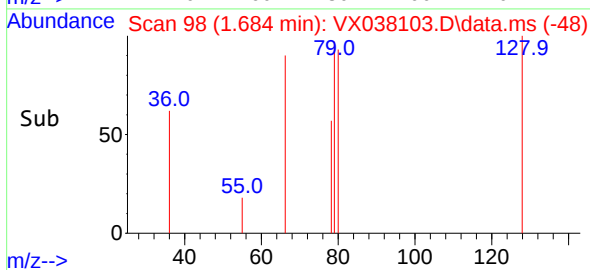
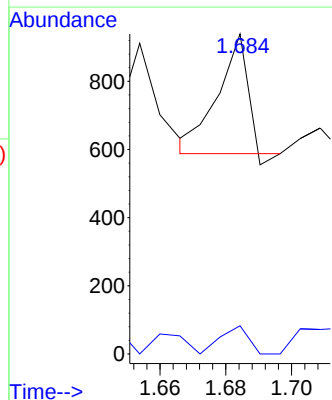
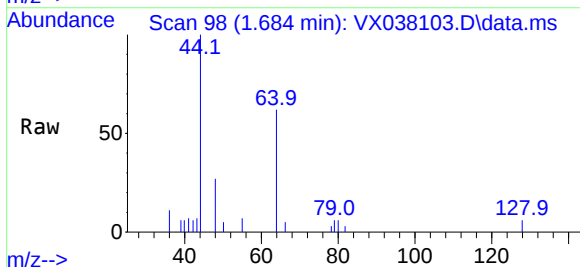
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10A-GW-600-602

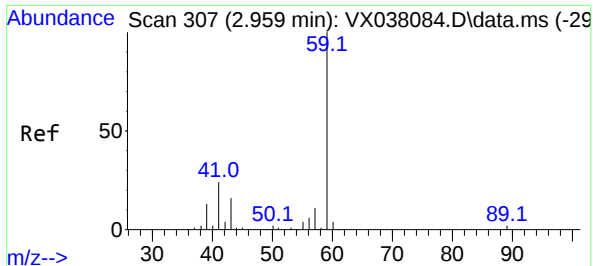
Tgt Ion: 94 Resp: 112
Ion Ratio Lower Upper
94 100
96 0.0 74.6 111.8#



#6
Chloroethane
Concen: Below Cal
RT: 1.684 min Scan# 98
Delta R.T. 0.005 min
Lab File: VX038103.D
Acq: 05 Oct 2023 16:08

Tgt Ion: 64 Resp: 213
Ion Ratio Lower Upper
64 100
66 23.6 25.1 37.7#

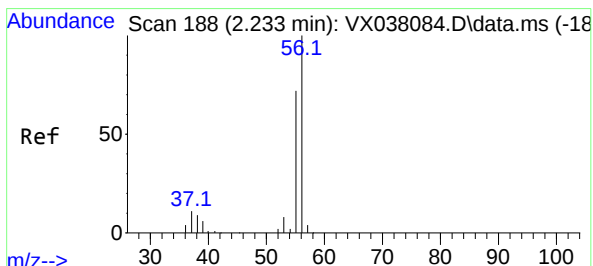
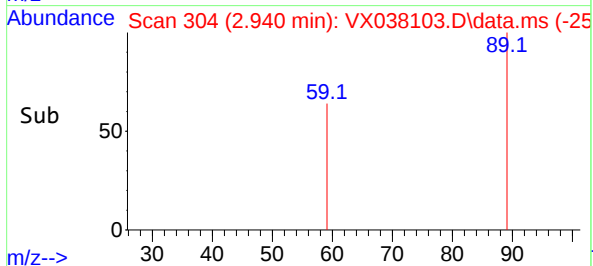
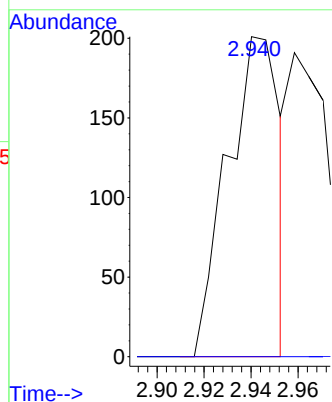
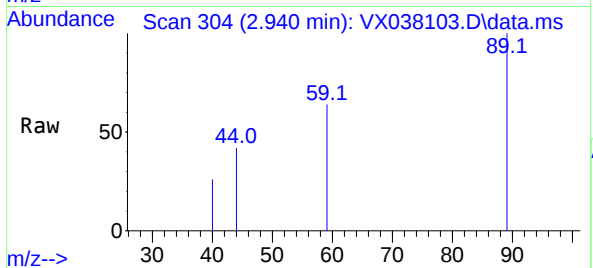




#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.940 min Scan# 30
Delta R.T. -0.019 min
Lab File: VX038103.D
Acq: 05 Oct 2023 16:08

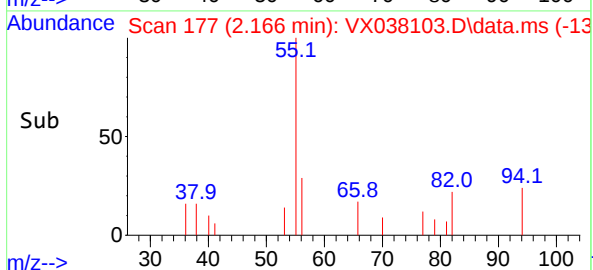
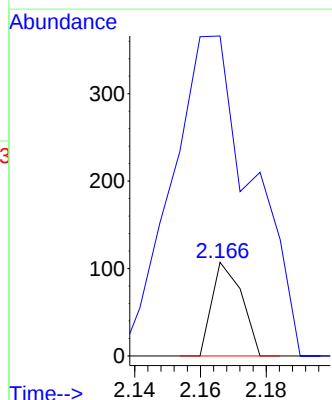
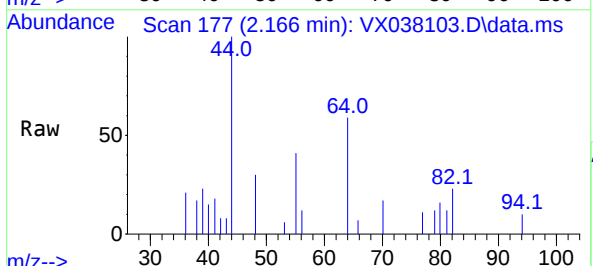
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10A-GW-600-602

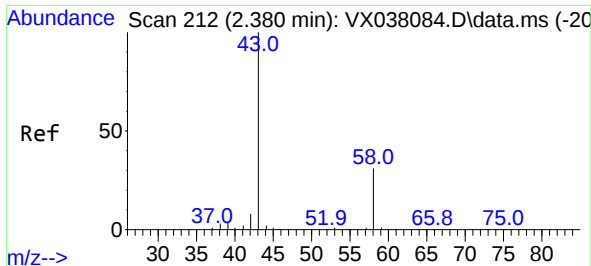
Tgt Ion: 59 Resp: 312
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



#13
Acrolein
Concen: 0.228 ug/l
RT: 2.166 min Scan# 177
Delta R.T. -0.067 min
Lab File: VX038103.D
Acq: 05 Oct 2023 16:08

Tgt Ion: 56 Resp: 67
Ion Ratio Lower Upper
56 100
55 929.9 57.1 85.7#

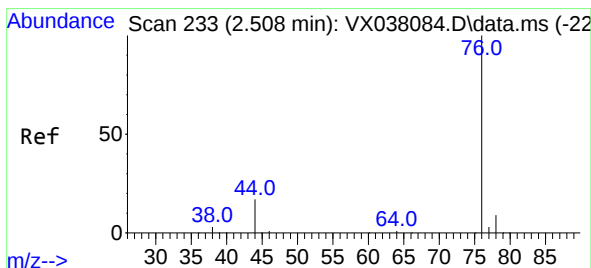
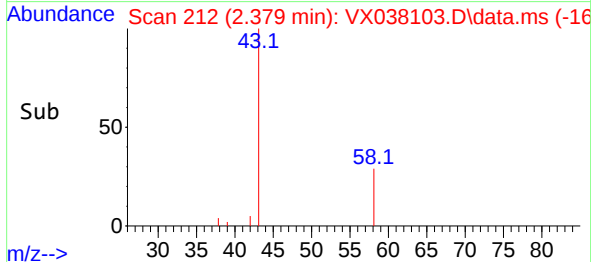
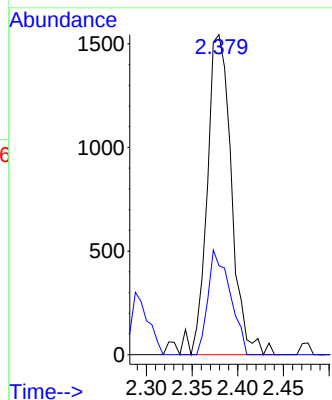
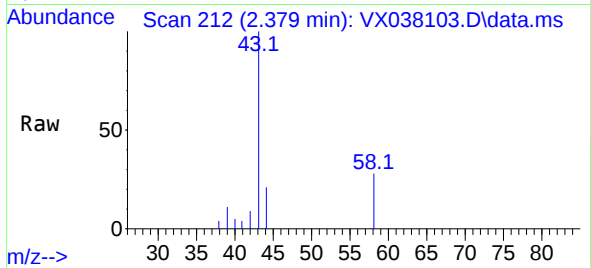




#16
Acetone
Concen: 3.306 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.001 min
Lab File: VX038103.D
Acq: 05 Oct 2023 16:08

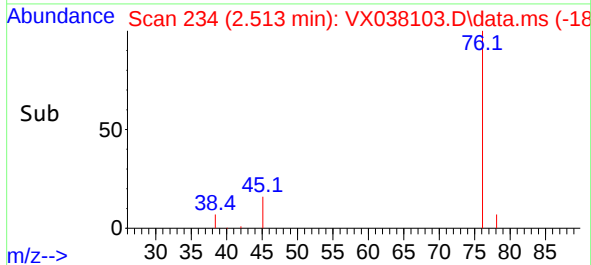
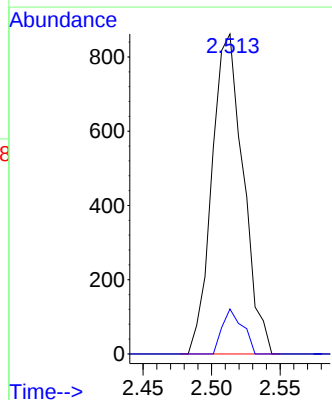
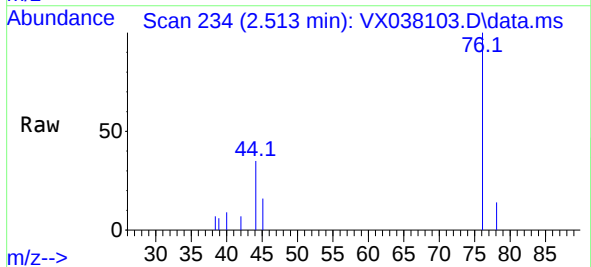
Instrument : MSVOA_X
ClientSampleId : BP-VPB-RW10A-GW-600-602

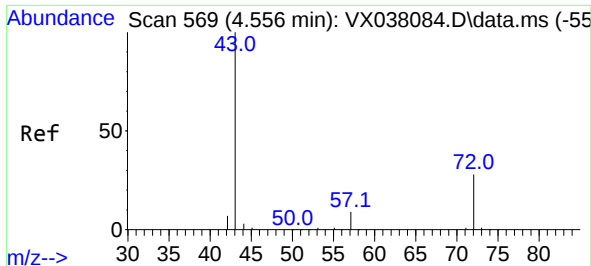
Tgt Ion: 43 Resp: 2856
Ion Ratio Lower Upper
43 100
58 27.8 21.9 32.9



#17
Carbon Disulfide
Concen: 0.404 ug/l
RT: 2.513 min Scan# 234
Delta R.T. 0.005 min
Lab File: VX038103.D
Acq: 05 Oct 2023 16:08

Tgt Ion: 76 Resp: 1370
Ion Ratio Lower Upper
76 100
78 14.0 7.0 10.6#





#25

2-Butanone

Concen: 0.734 ug/l

RT: 4.574 min Scan# 51

Delta R.T. 0.018 min

Lab File: VX038103.D

Acq: 05 Oct 2023 16:08

Instrument :

MSVOA_X

ClientSampleId :

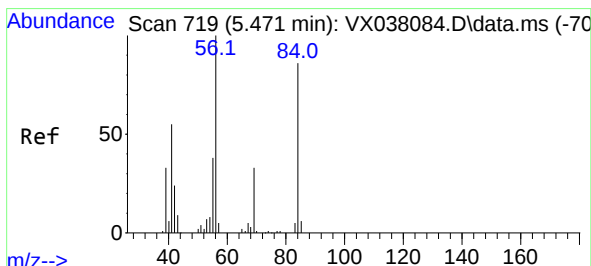
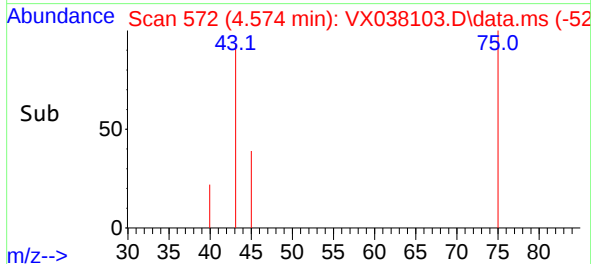
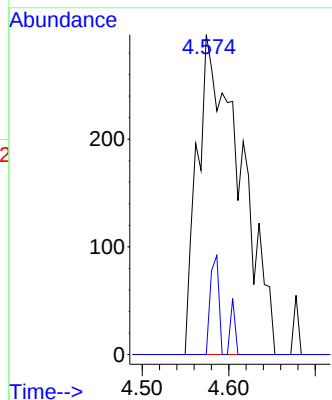
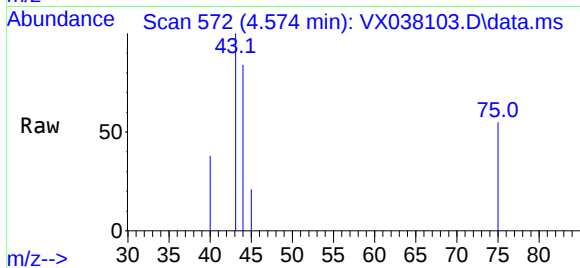
BP-VPB-RW10A-GW-600-602

Tgt Ion: 43 Resp: 1023

Ion Ratio Lower Upper

43 100

72 0.0 19.4 29.2#



#31

Cyclohexane

Concen: 1.513 ug/l

RT: 5.549 min Scan# 732

Delta R.T. 0.078 min

Lab File: VX038103.D

Acq: 05 Oct 2023 16:08

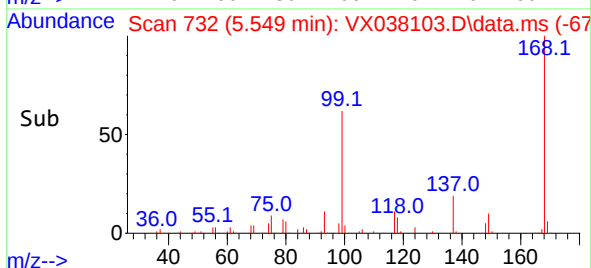
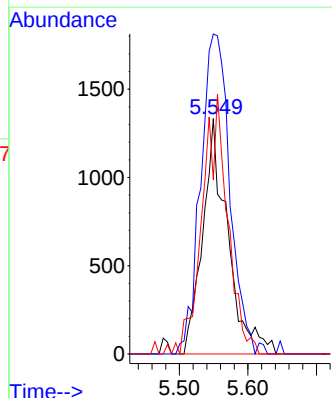
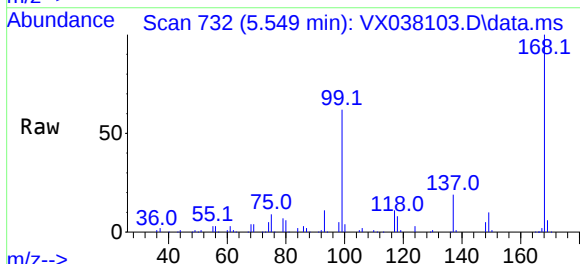
Tgt Ion: 56 Resp: 3392

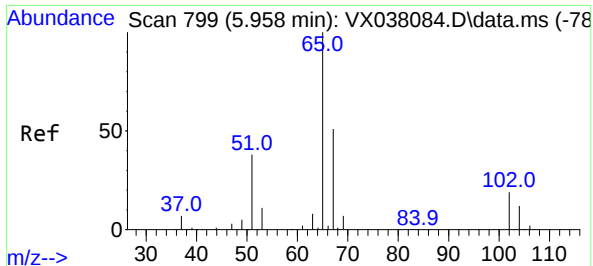
Ion Ratio Lower Upper

56 100

69 131.5 23.4 35.2#

84 74.0 65.9 98.9

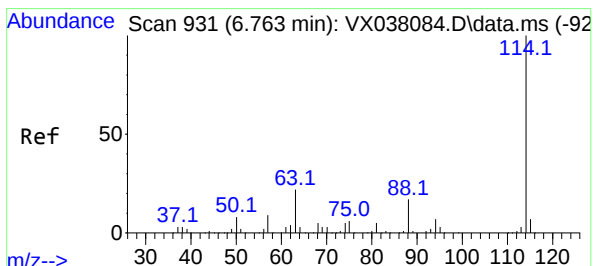
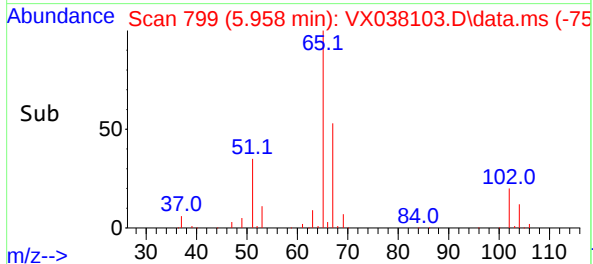
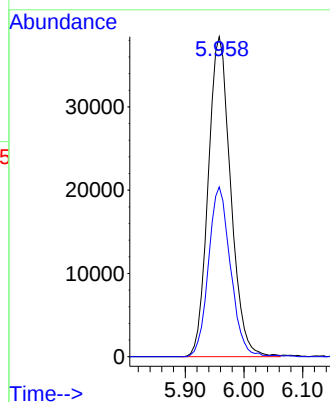
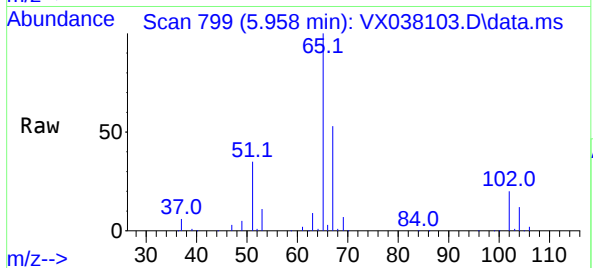




#33
1,2-Dichloroethane-d4
Concen: 49.381 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX038103.D
Acq: 05 Oct 2023 16:08

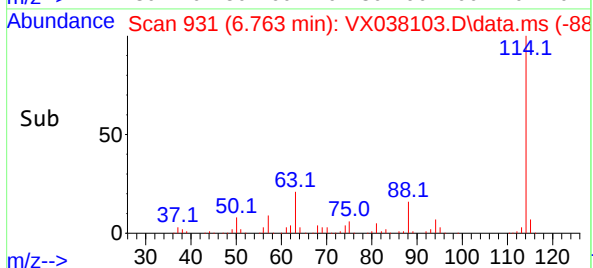
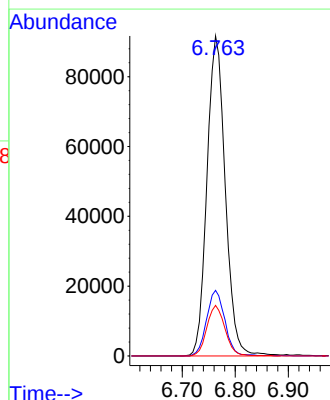
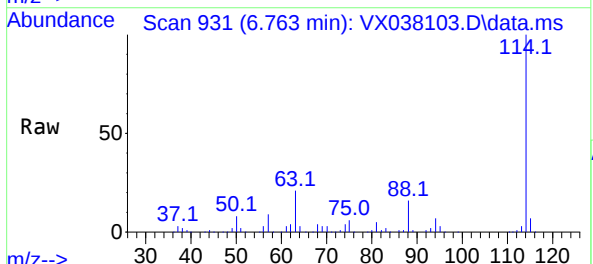
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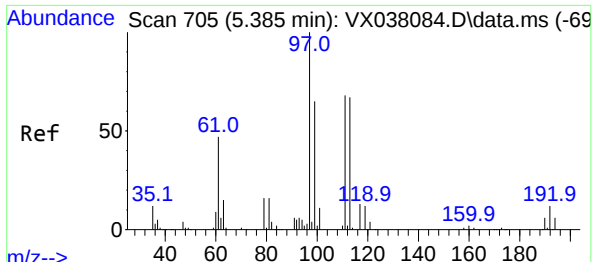
Tgt Ion: 65 Resp: 102203
Ion Ratio Lower Upper
65 100
67 51.9 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX038103.D
Acq: 05 Oct 2023 16:08

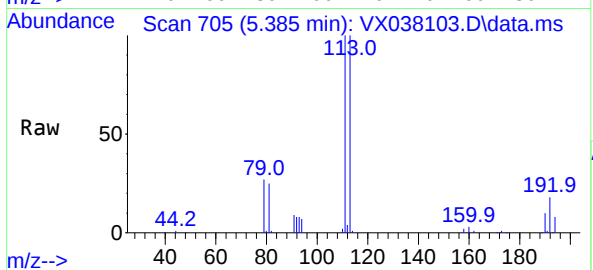
Tgt Ion: 114 Resp: 219764
Ion Ratio Lower Upper
114 100
63 20.5 0.0 45.0
88 15.8 0.0 36.6





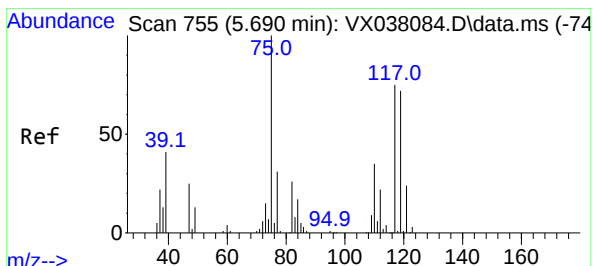
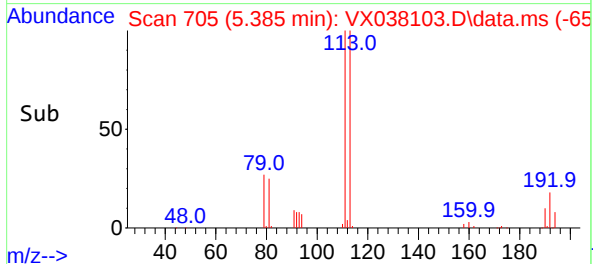
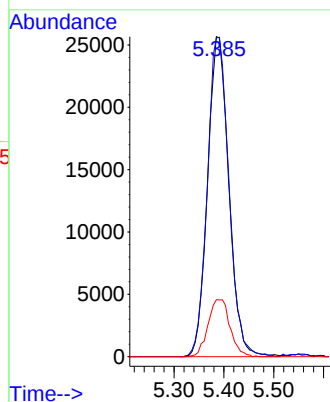
#35
Dibromofluoromethane
Concen: 47.999 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX038103.D
Acq: 05 Oct 2023 16:08

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10A-GW-600-602



Tgt Ion:113 Resp: 76008

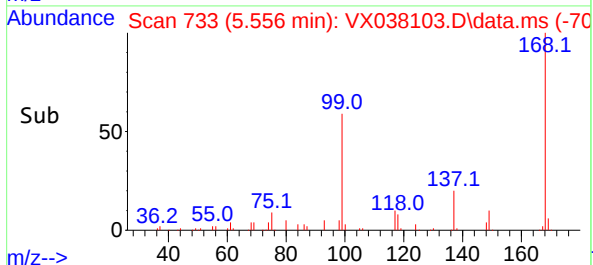
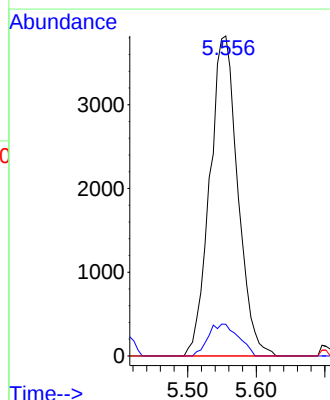
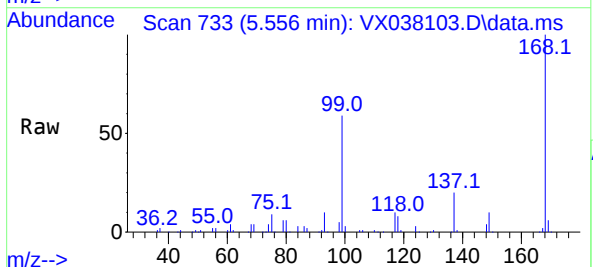
Ion	Ratio	Lower	Upper
113	100		
111	101.3	82.9	124.3
192	18.4	13.3	19.9

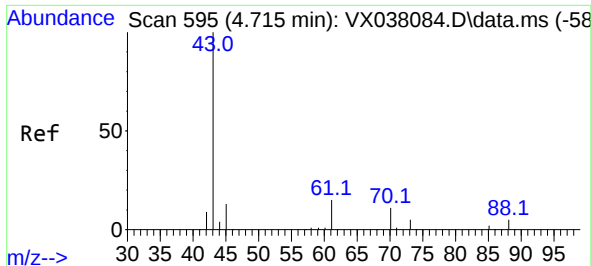


#36
1,1-Dichloropropene
Concen: 4.968 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX038103.D
Acq: 05 Oct 2023 16:08

Tgt Ion: 75 Resp: 10849

Ion	Ratio	Lower	Upper
75	100		
110	10.7	17.0	50.9#
77	0.0	24.7	37.1#

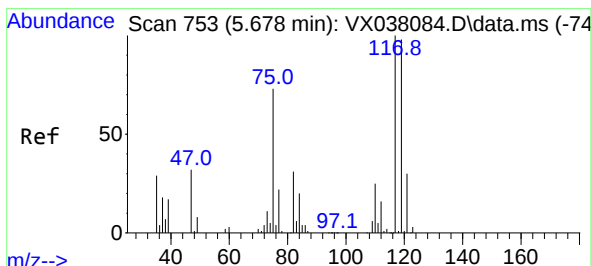
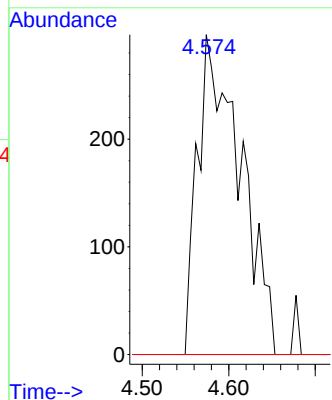
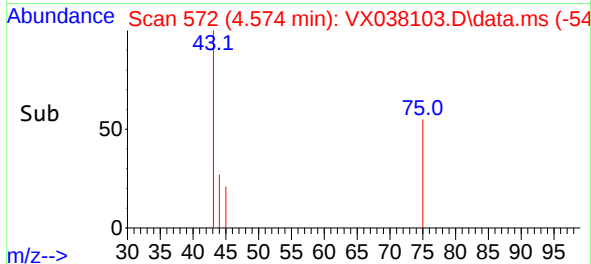
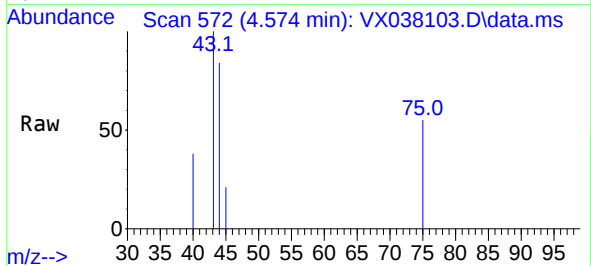




#37
Ethyl Acetate
Concen: 0.394 ug/l
RT: 4.574 min Scan# 51
Delta R.T. -0.141 min
Lab File: VX038103.D
Acq: 05 Oct 2023 16:08

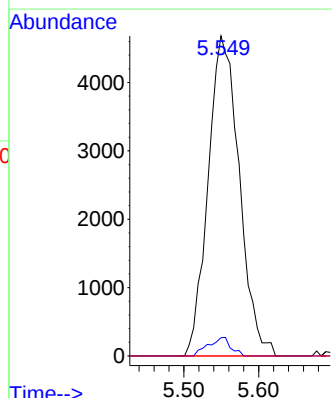
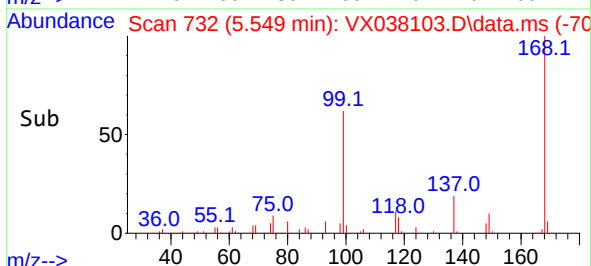
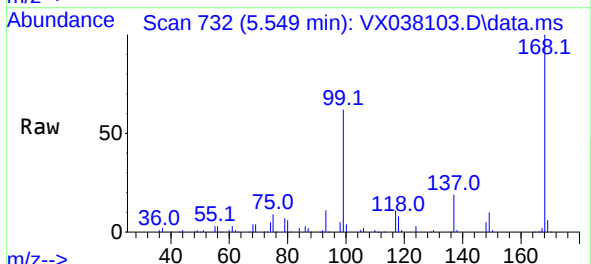
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10A-GW-600-602

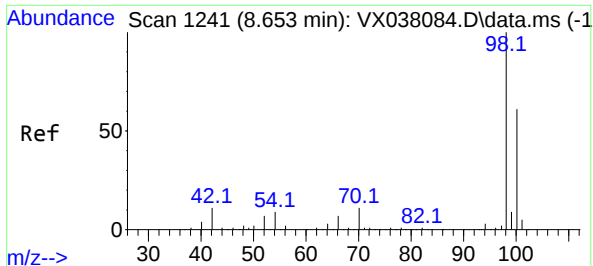
Tgt Ion: 43	Resp:	1023	
Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.6	16.0#
70	0.0	8.3	12.5#



#38
Carbon Tetrachloride
Concen: 6.327 ug/l
RT: 5.549 min Scan# 732
Delta R.T. -0.129 min
Lab File: VX038103.D
Acq: 05 Oct 2023 16:08

Tgt Ion:117	Resp:	13591	
Ion	Ratio	Lower	Upper
117	100		
119	5.7	78.2	117.2#
121	0.0	24.4	36.6#

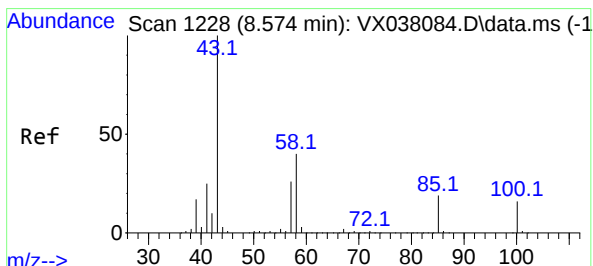
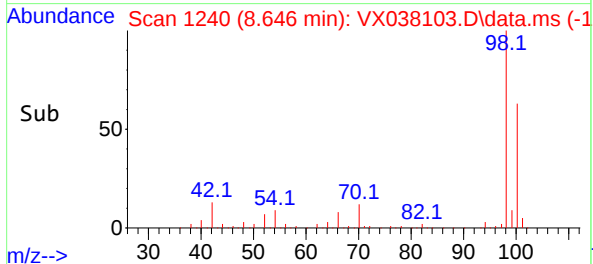
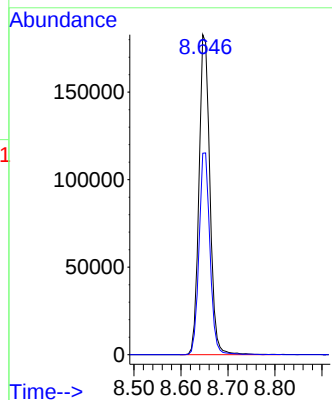
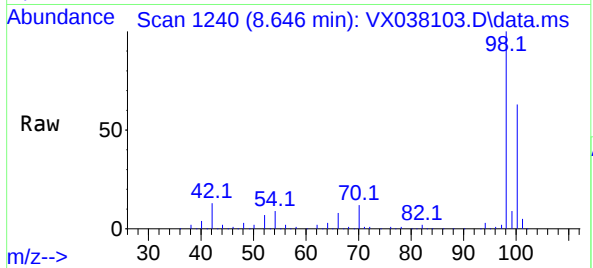




#50
Toluene-d8
Concen: 48.884 ug/l
RT: 8.646 min Scan# 11
Delta R.T. -0.007 min
Lab File: VX038103.D
Acq: 05 Oct 2023 16:08

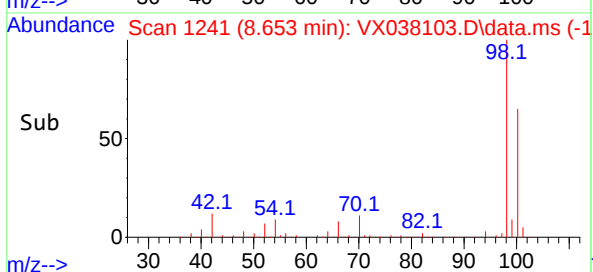
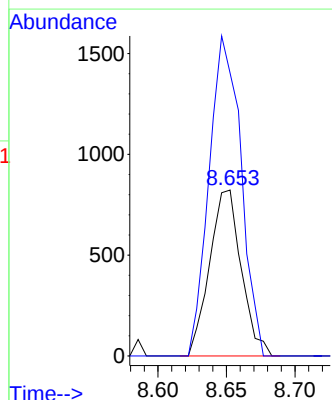
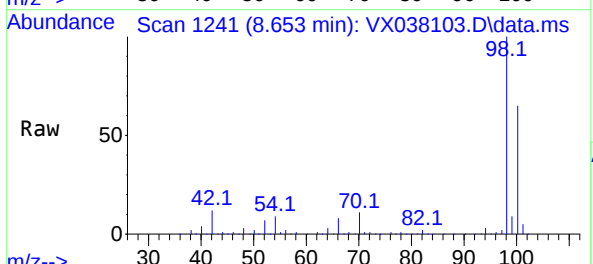
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10A-GW-600-602

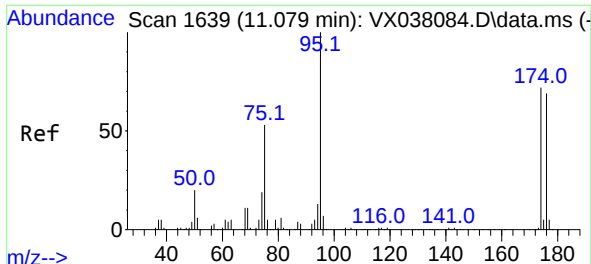
Tgt Ion: 98 Resp: 295799
Ion Ratio Lower Upper
98 100
100 63.0 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.496 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.079 min
Lab File: VX038103.D
Acq: 05 Oct 2023 16:08

Tgt Ion: 43 Resp: 1324
Ion Ratio Lower Upper
43 100
58 193.9 30.4 45.6#

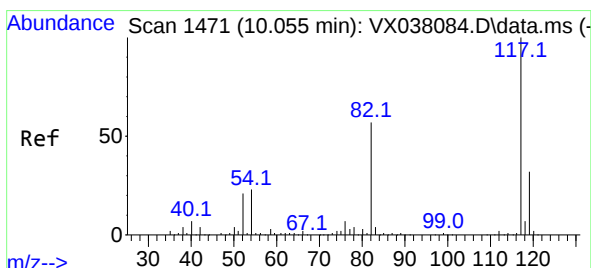
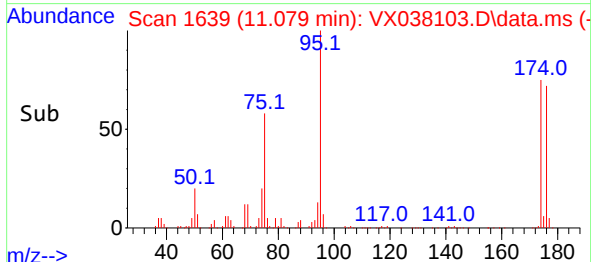
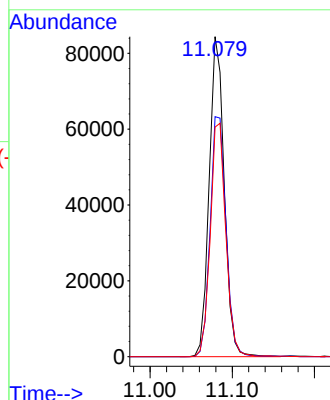
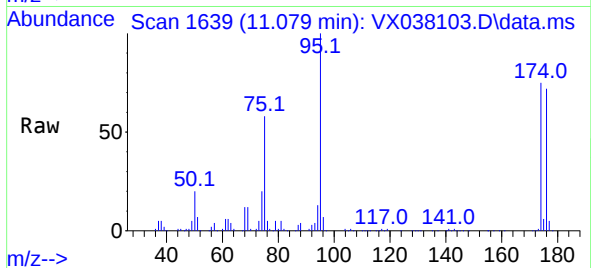




#62
4-Bromofluorobenzene
Concen: 46.774 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX038103.D
Acq: 05 Oct 2023 16:08

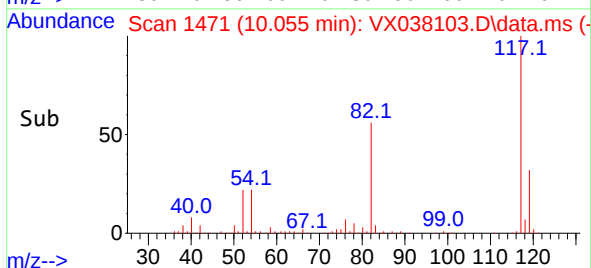
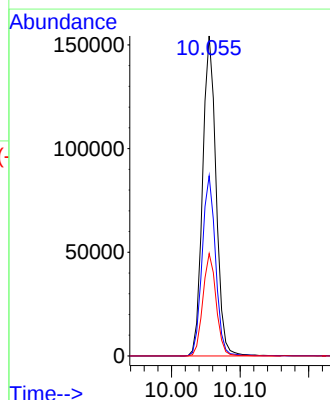
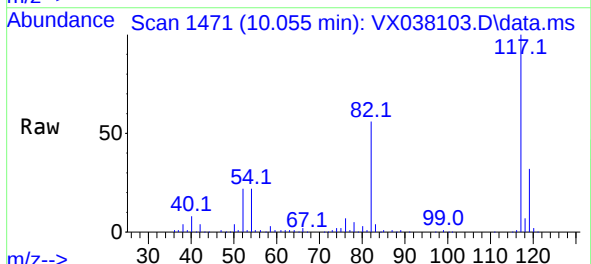
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10A-GW-600-602

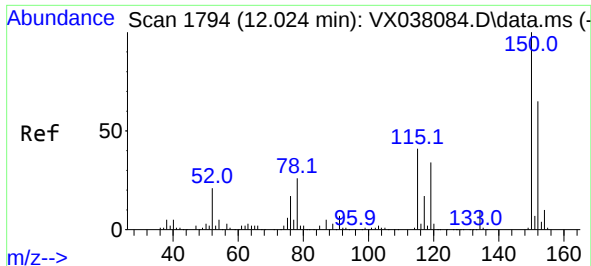
Tgt Ion: 95 Resp: 107301
Ion Ratio Lower Upper
95 100
174 79.4 0.0 135.6
176 75.3 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX038103.D
Acq: 05 Oct 2023 16:08

Tgt Ion: 117 Resp: 211567
Ion Ratio Lower Upper
117 100
82 56.3 46.2 69.4
119 32.0 25.5 38.3

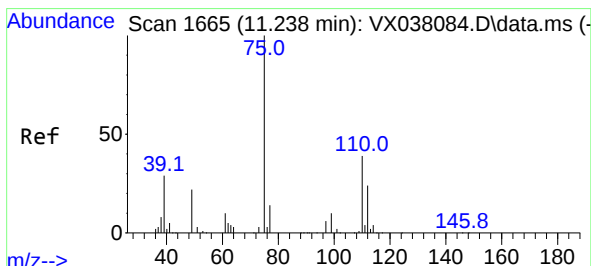
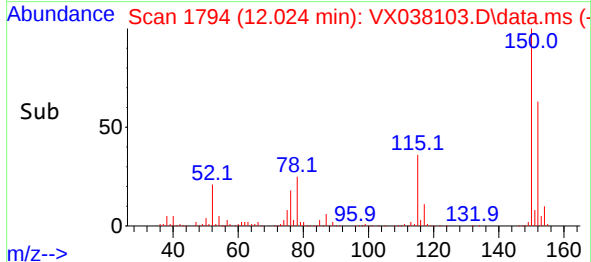
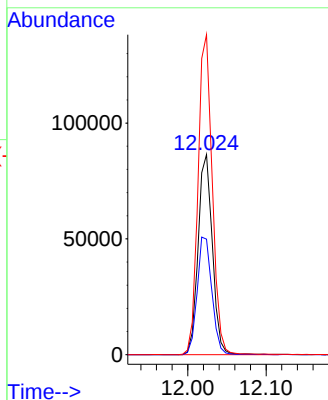
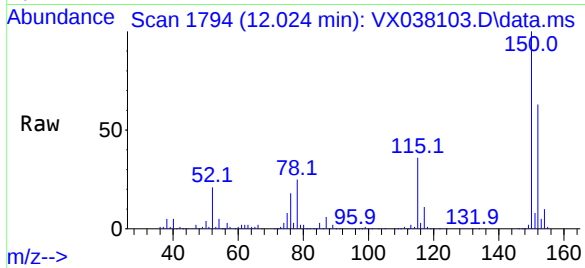




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX038103.D
Acq: 05 Oct 2023 16:08

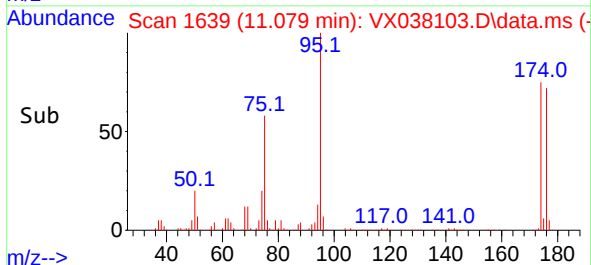
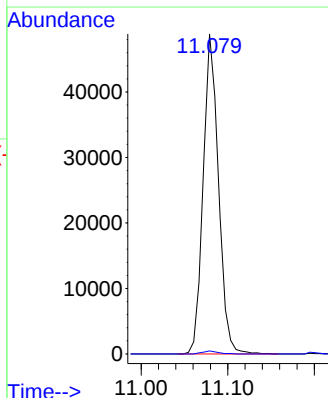
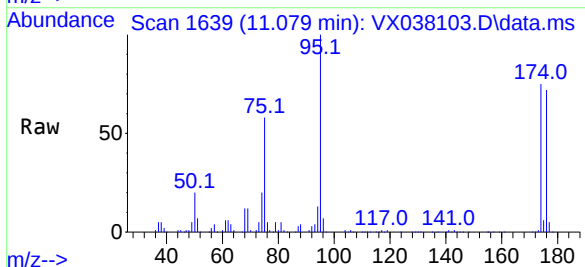
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10A-GW-600-602

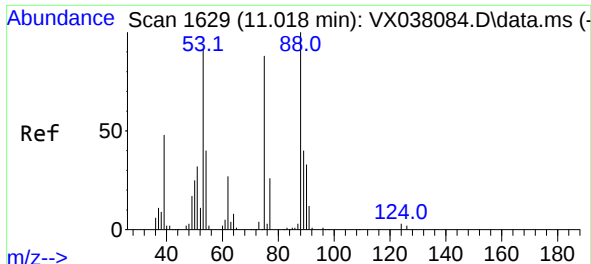
Tgt Ion:152 Resp: 109520
Ion Ratio Lower Upper
152 100
115 60.7 43.3 129.9
150 159.0 0.0 345.0



#76
1,2,3-Trichloropropane
Concen: 24.080 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX038103.D
Acq: 05 Oct 2023 16:08

Tgt Ion: 75 Resp: 59954
Ion Ratio Lower Upper
75 100
77 0.9 19.1 57.5#

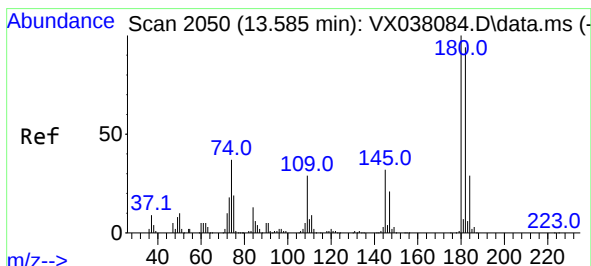
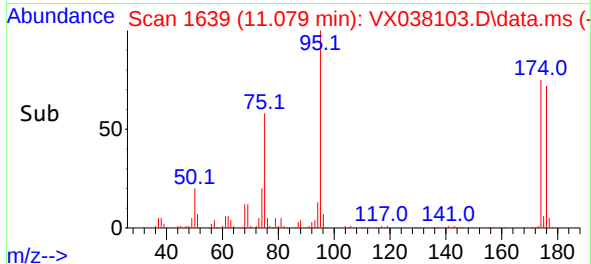
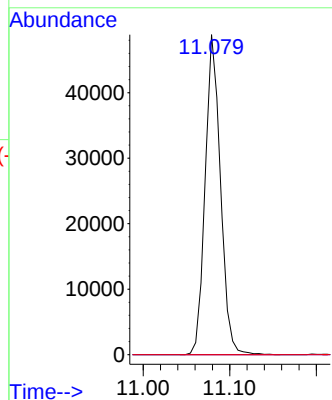
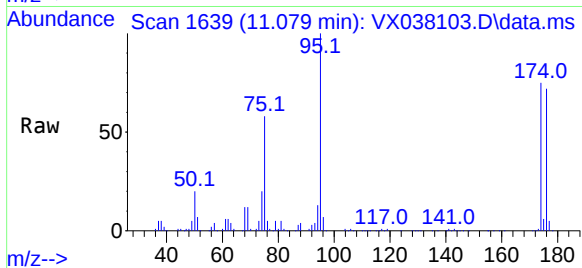




#81
trans-1,4-Dichloro-2-butene
Concen: 68.673 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX038103.D
Acq: 05 Oct 2023 16:08

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10A-GW-600-602

Tgt Ion: 75 Resp: 59954
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#93
1,2,4-Trichlorobenzene
Concen: 0.212 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX038103.D
Acq: 05 Oct 2023 16:08

Tgt Ion:180 Resp: 492
Ion Ratio Lower Upper
180 100
182 85.4 48.3 144.8
145 19.7 18.0 54.0

