

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012023\
 Data File : VX033823.D
 Acq On : 20 Jan 2023 13:11
 Operator : JC/MD
 Sample : 01242-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-RW10-GW-203-205

Quant Time: Jan 21 04:43:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011123W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 11 14:48:42 2023
 Response via : Initial Calibration

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

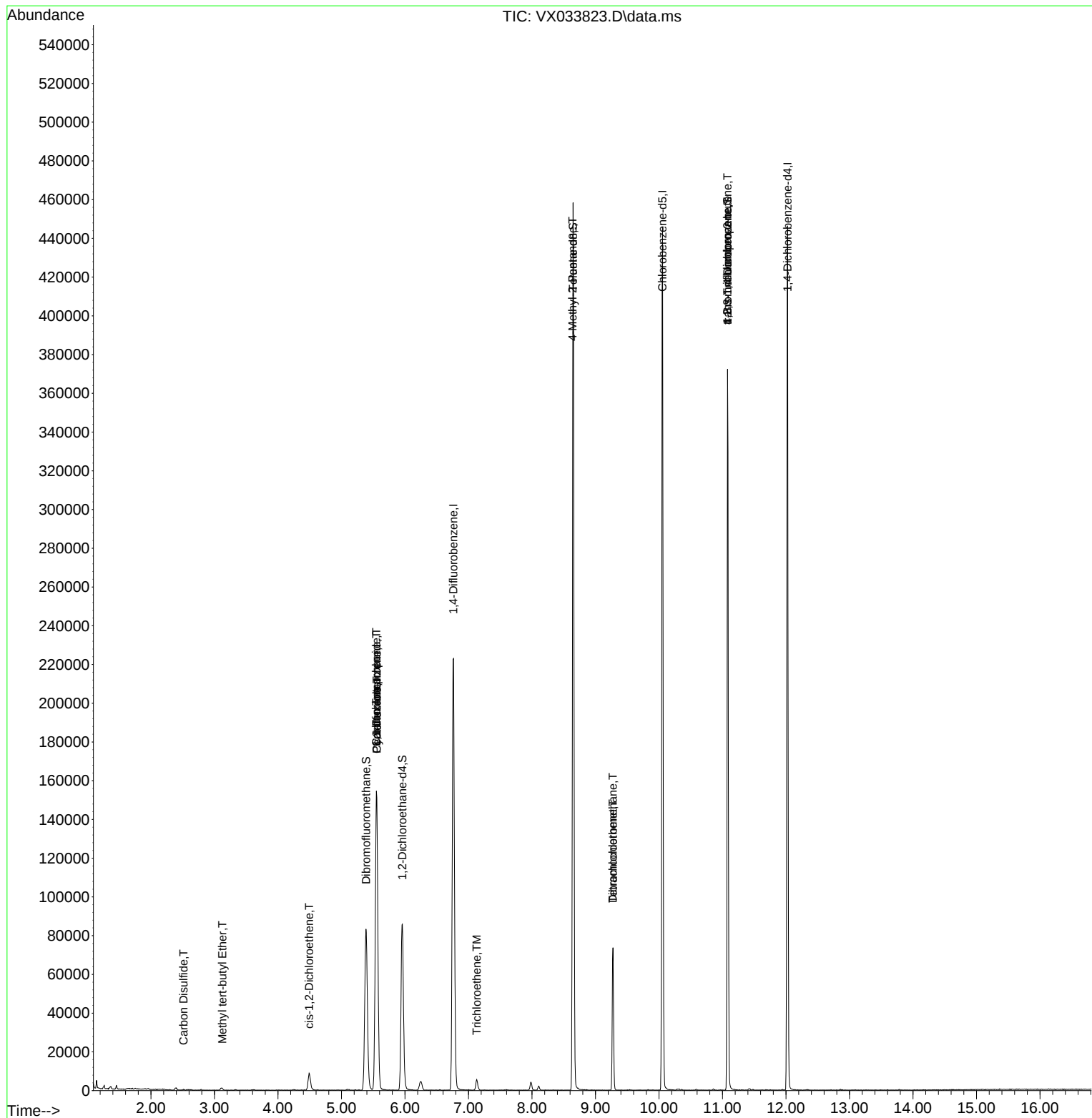
Internal Standards						
1) Pentafluorobenzene	5.556	168	166947	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	245734	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	217138	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	103817	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	83426	47.461	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.920%
35) Dibromofluoromethane	5.385	113	74421	48.773	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.540%
50) Toluene-d8	8.647	98	278971	50.178	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.360%
62) 4-Bromofluorobenzene	11.079	95	97182	47.081	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.160%
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	1702	Below Cal		92
17) Carbon Disulfide	2.514	76	468	1.953 ug/l	#	76
19) Methyl tert-butyl Ether	3.123	73	1345	0.285 ug/l		94
20) Methylene Chloride	2.794	84	121	Below Cal	#	39
27) cis-1,2-Dichloroethene	4.489	96	5939	3.253 ug/l		90
31) Cyclohexane	5.556	56	2459	0.951 ug/l	#	1
36) 1,1-Dichloropropene	5.550	75	9936	4.462 ug/l	#	48
37) Ethyl Acetate	4.623	43	106	Below Cal	#	68
38) Carbon Tetrachloride	5.550	117	14073	6.101 ug/l	#	14
44) Trichloroethene	7.129	130	2507	1.381 ug/l		99
51) 4-Methyl-2-Pentanone	8.641	43	1021	0.473 ug/l	#	1
60) Dibromochloromethane	9.275	129	13068	7.597 ug/l	#	11
64) Tetrachloroethene	9.275	164	15403	8.822 ug/l		97
73) Isopropylbenzene	10.970	105	97	Below Cal	#	48
75) 1,1,2,2-Tetrachloroethane	11.073	83	72	Below Cal	#	1
76) 1,2,3-Trichloropropane	11.079	75	45322	23.760 ug/l	#	34
79) 2-Chlorotoluene	11.372	91	64	Below Cal	#	39
81) trans-1,4-Dichloro-2-b...	11.079	75	45322	73.844 ug/l	#	8
82) 4-Chlorotoluene	11.457	91	111	Below Cal	#	43

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

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Quant Title : SW846 8260
QLast Update : Wed Jan 11 14:48:42 2023
Response via : Initial Calibration

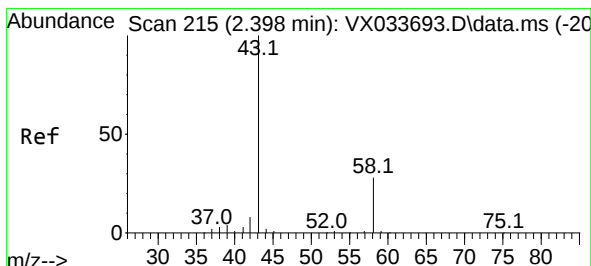
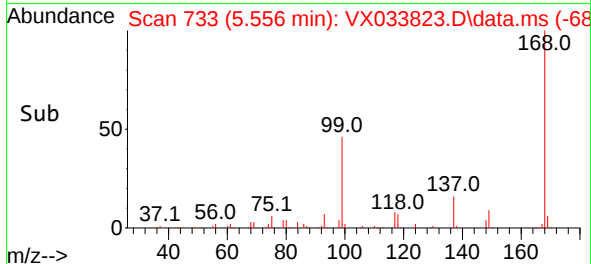
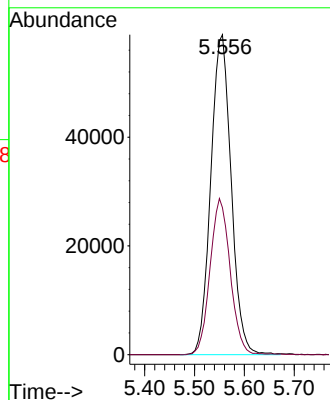
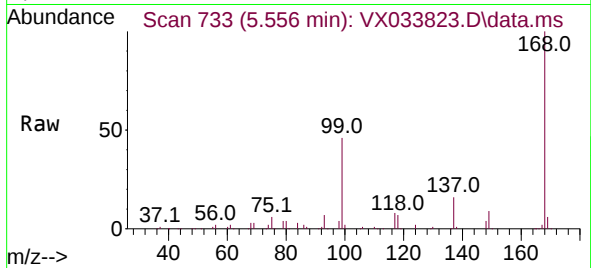




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX033823.D
Acq: 20 Jan 2023 13:11

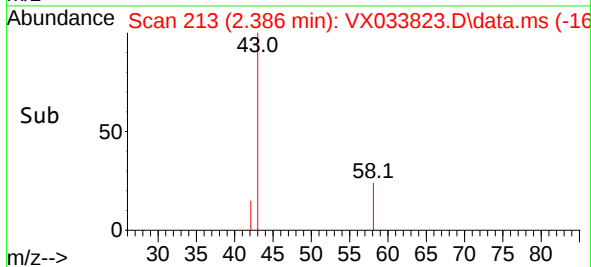
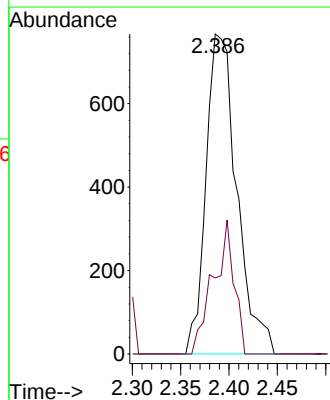
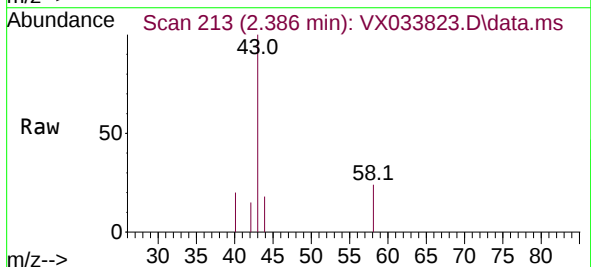
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10-GW-203-205

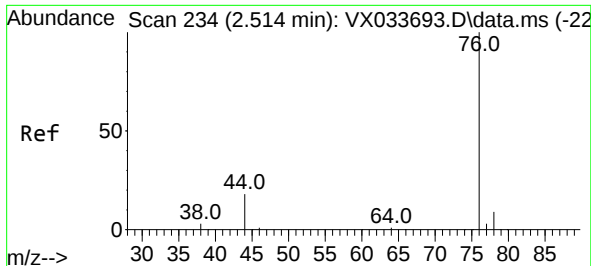
Tgt Ion:168 Resp: 166947
Ion Ratio Lower Upper
168 100
99 45.9 39.6 59.4



#16
Acetone
Concen: Below Cal
RT: 2.386 min Scan# 213
Delta R.T. -0.012 min
Lab File: VX033823.D
Acq: 20 Jan 2023 13:11

Tgt Ion: 43 Resp: 1702
Ion Ratio Lower Upper
43 100
58 23.7 22.6 33.8





#17

Carbon Disulfide

Concen: 1.953 ug/l

RT: 2.514 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX033823.D

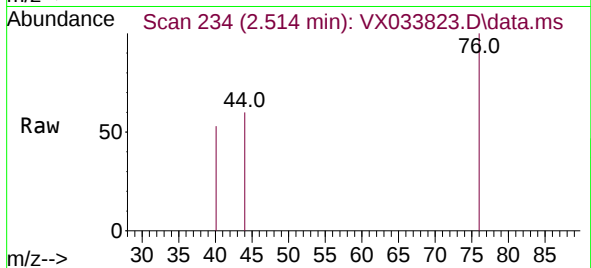
Acq: 20 Jan 2023 13:11

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-RW10-GW-203-205

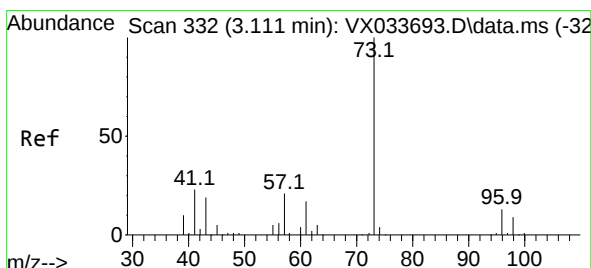
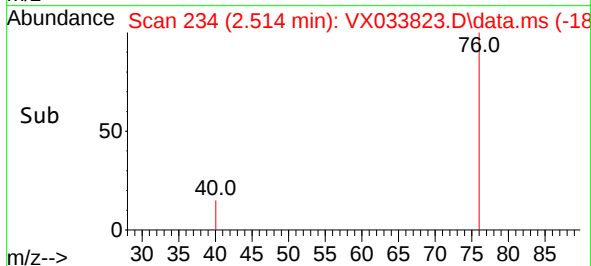
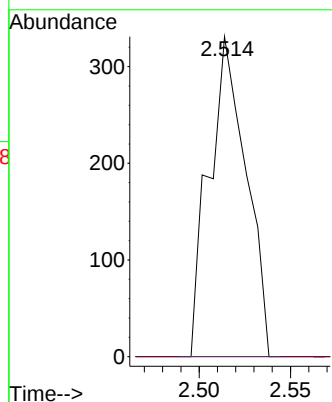


Tgt Ion: 76 Resp: 468

Ion Ratio Lower Upper

76 100

78 0.0 7.0 10.6#



#19

Methyl tert-butyl Ether

Concen: 0.285 ug/l

RT: 3.123 min Scan# 334

Delta R.T. 0.012 min

Lab File: VX033823.D

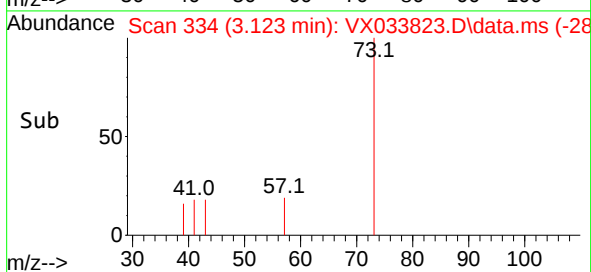
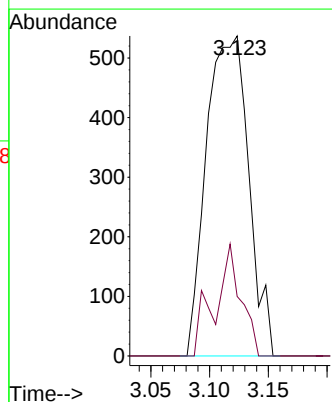
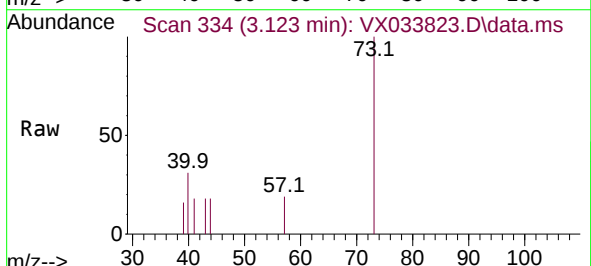
Acq: 20 Jan 2023 13:11

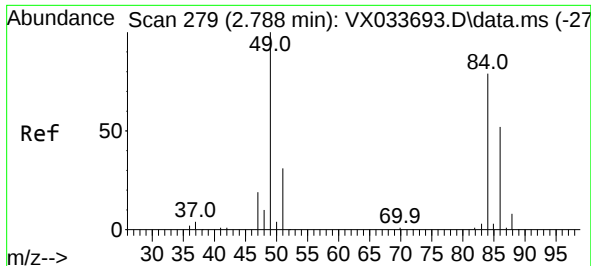
Tgt Ion: 73 Resp: 1345

Ion Ratio Lower Upper

73 100

57 18.6 17.4 26.0

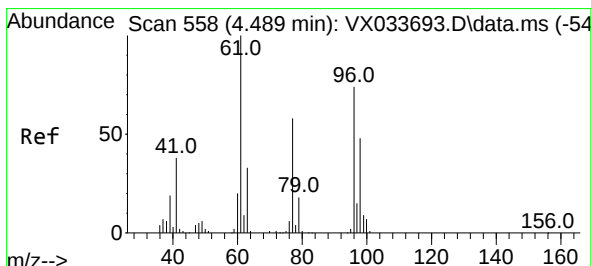
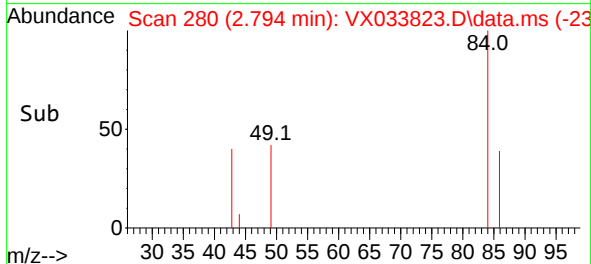
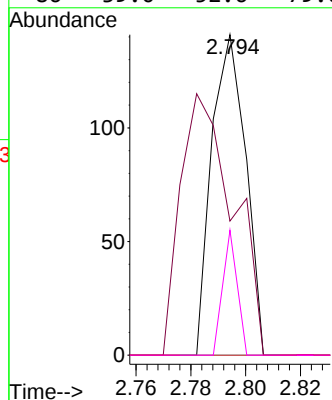
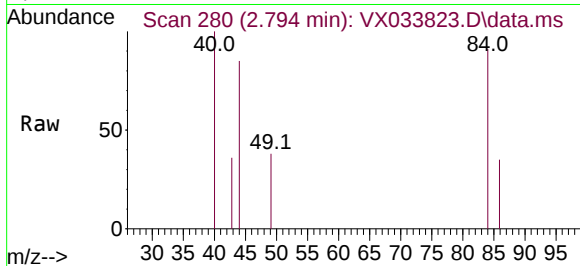




#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX033823.D
Acq: 20 Jan 2023 13:11

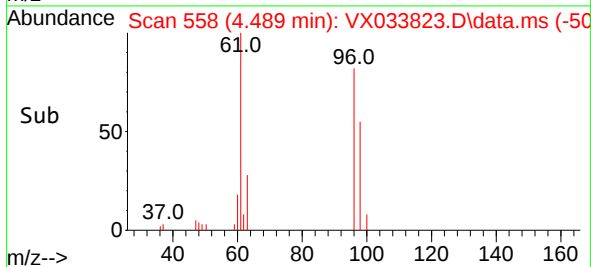
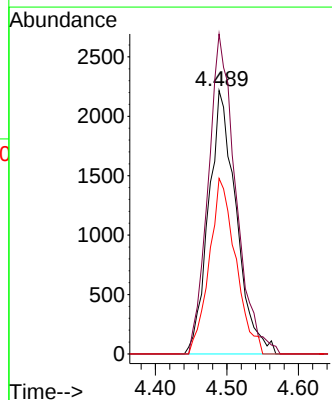
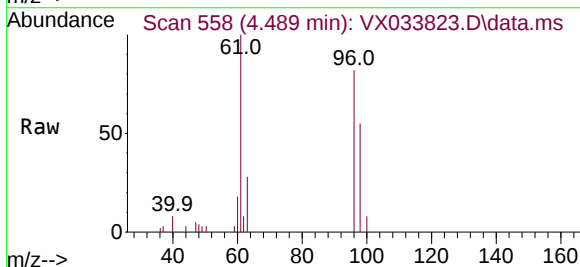
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10-GW-203-205

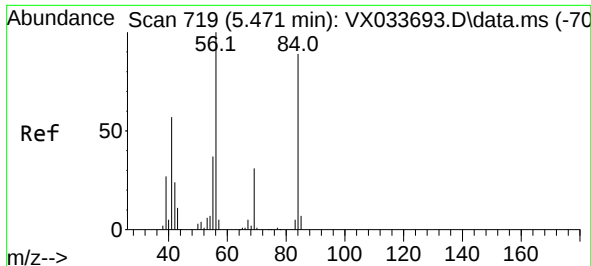
Tgt Ion:	84	Resp:	121
Ion	Ratio	Lower	Upper
84	100		
49	41.8	101.1	151.7#
51	0.0	31.0	46.6#
86	39.0	52.6	79.0#



#27
cis-1,2-Dichloroethene
Concen: 3.253 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.000 min
Lab File: VX033823.D
Acq: 20 Jan 2023 13:11

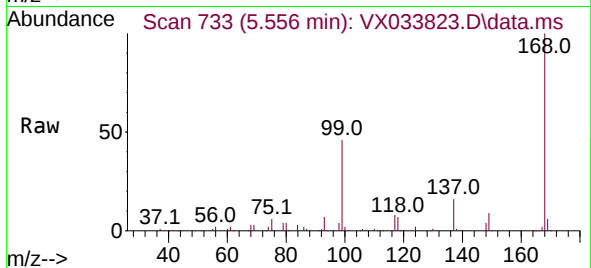
Tgt Ion:	96	Resp:	5939
Ion	Ratio	Lower	Upper
96	100		
61	121.5	0.0	277.6
98	63.8	0.0	128.0



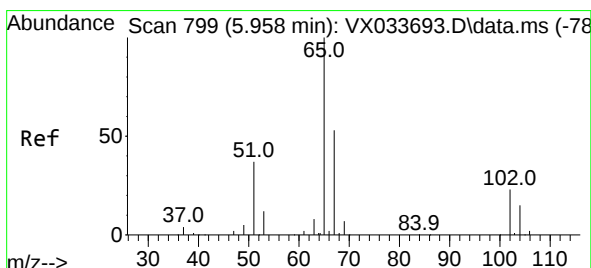
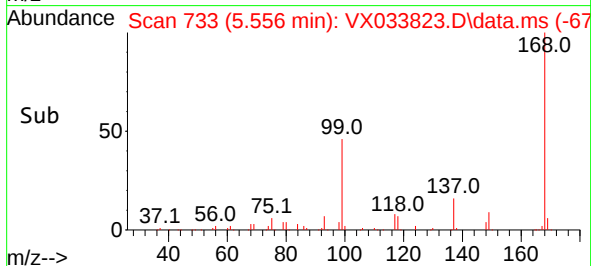
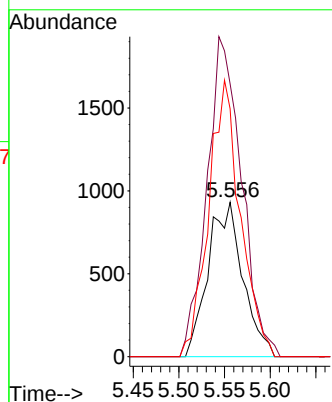


#31
Cyclohexane
Concen: 0.951 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX033823.D
Acq: 20 Jan 2023 13:11

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10-GW-203-205

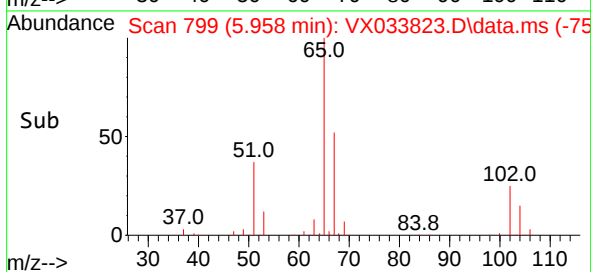
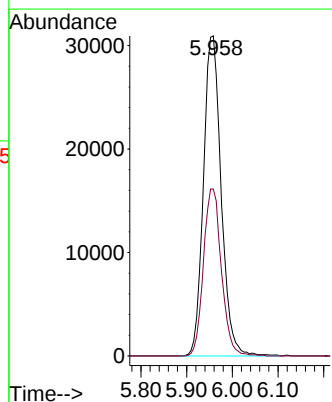
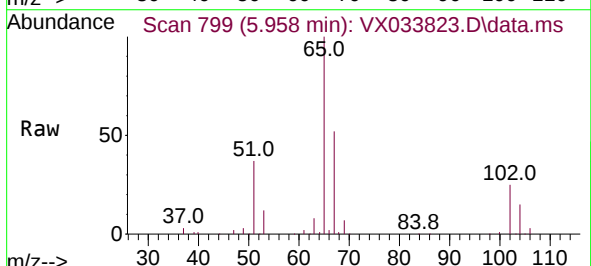


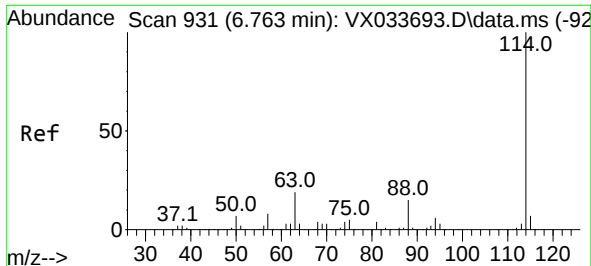
Tgt Ion: 56 Resp: 2459
Ion Ratio Lower Upper
56 100
69 176.7 24.6 37.0#
84 160.6 71.0 106.6#



#33
1,2-Dichloroethane-d4
Concen: 47.461 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX033823.D
Acq: 20 Jan 2023 13:11

Tgt Ion: 65 Resp: 83426
Ion Ratio Lower Upper
65 100
67 52.7 0.0 104.8

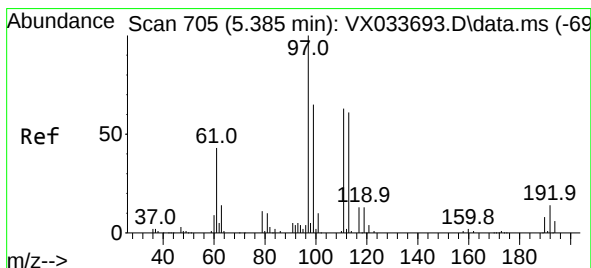
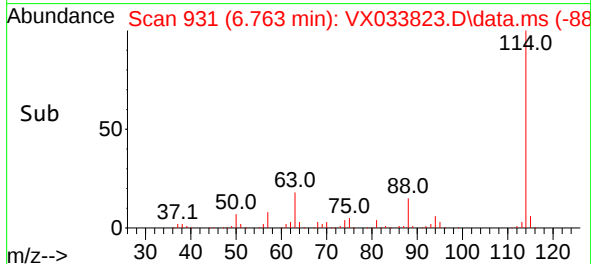
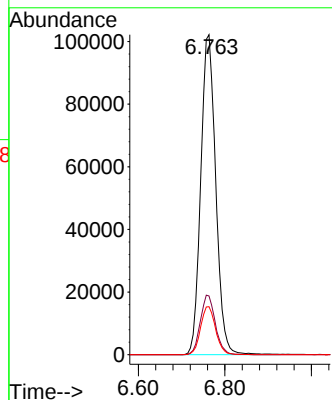
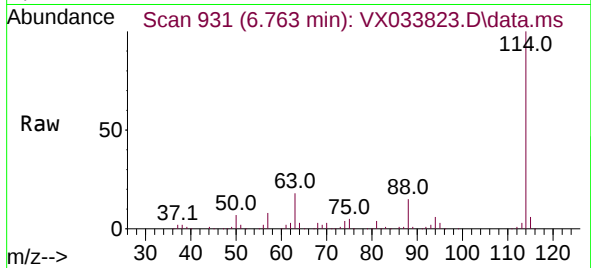




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX033823.D
Acq: 20 Jan 2023 13:11

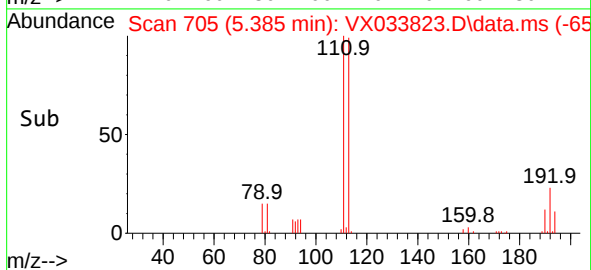
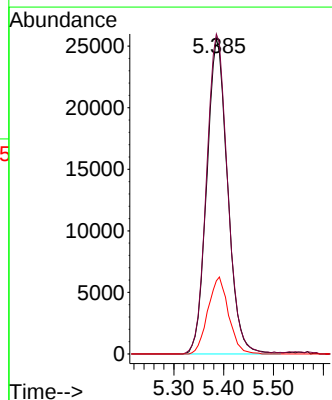
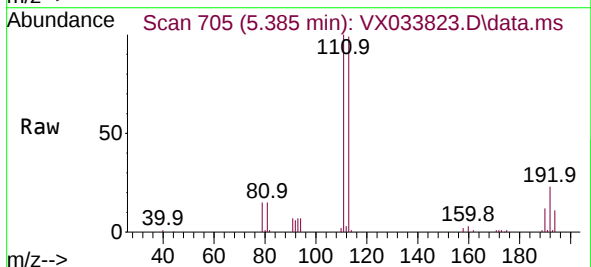
Instrument :
MSVOA_X
ClientSampleId :
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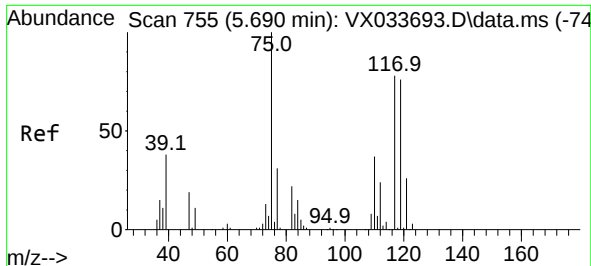
Tgt Ion:114 Resp: 245734
Ion Ratio Lower Upper
114 100
63 18.3 0.0 37.4
88 15.0 0.0 30.6



#35
Dibromofluoromethane
Concen: 48.773 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX033823.D
Acq: 20 Jan 2023 13:11

Tgt Ion:113 Resp: 74421
Ion Ratio Lower Upper
113 100
111 102.5 83.0 124.6
192 24.1 19.0 28.4

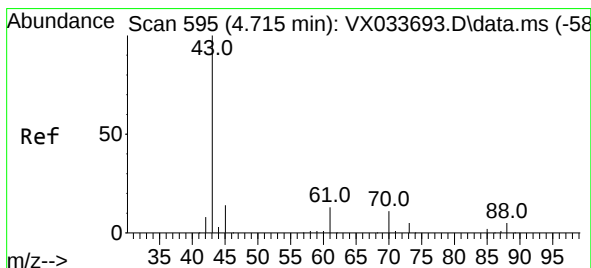
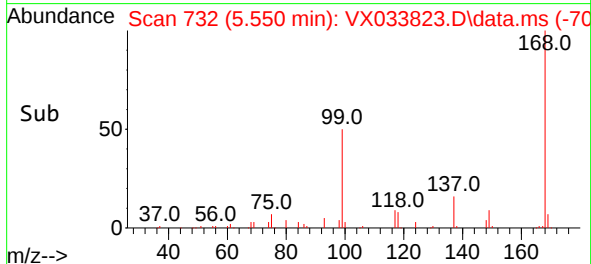
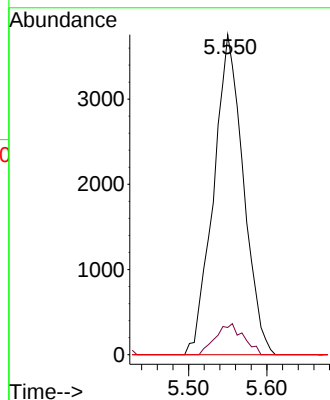
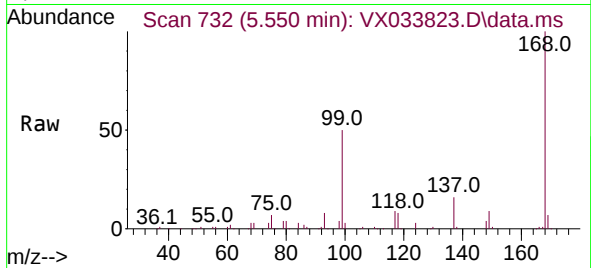




#36
1,1-Dichloropropene
Concen: 4.462 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX033823.D
Acq: 20 Jan 2023 13:11

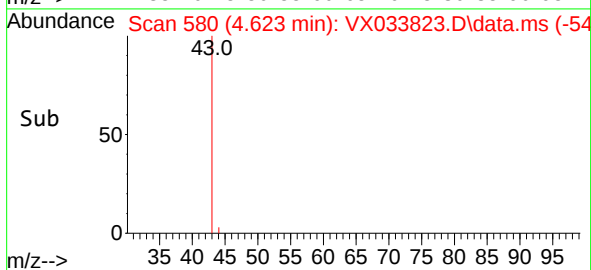
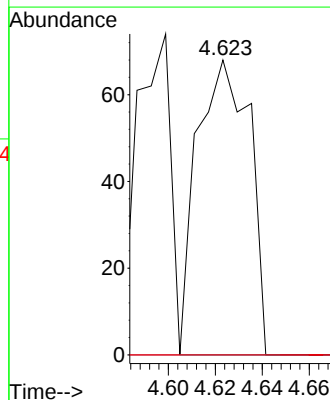
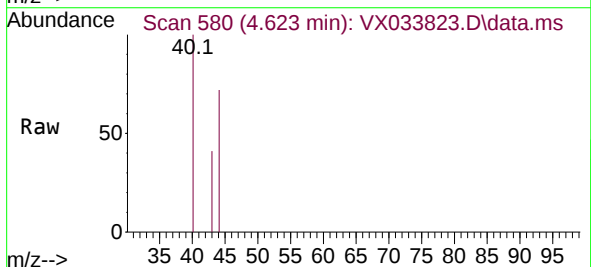
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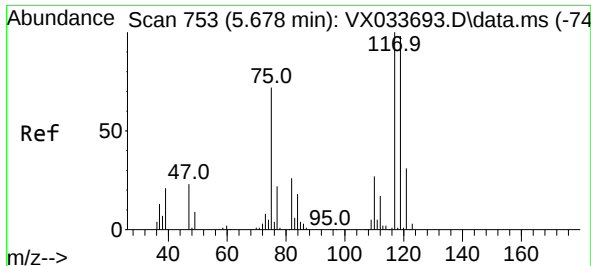
Tgt Ion: 75 Resp: 9936
Ion Ratio Lower Upper
75 100
110 9.0 18.8 56.4#
77 0.0 25.1 37.7#



#37
Ethyl Acetate
Concen: Below Cal
RT: 4.623 min Scan# 580
Delta R.T. -0.092 min
Lab File: VX033823.D
Acq: 20 Jan 2023 13:11

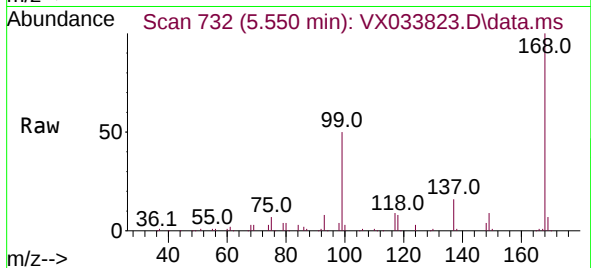
Tgt Ion: 43 Resp: 106
Ion Ratio Lower Upper
43 100
61 0.0 11.1 16.7#
70 0.0 8.5 12.7#



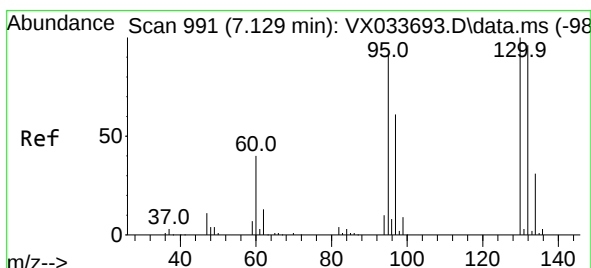
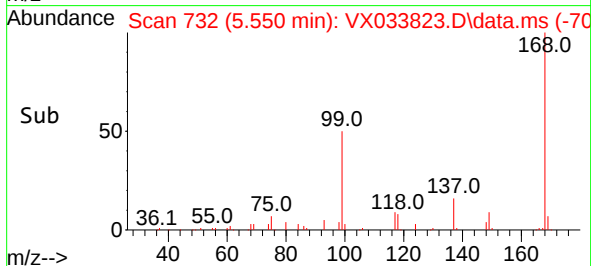
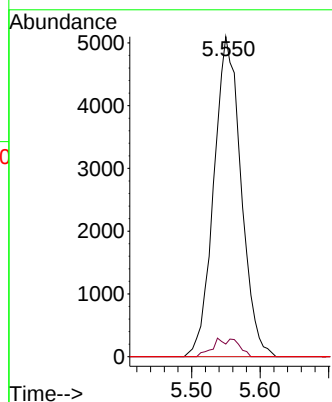


#38
Carbon Tetrachloride
Concen: 6.101 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX033823.D
Acq: 20 Jan 2023 13:11

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10-GW-203-205

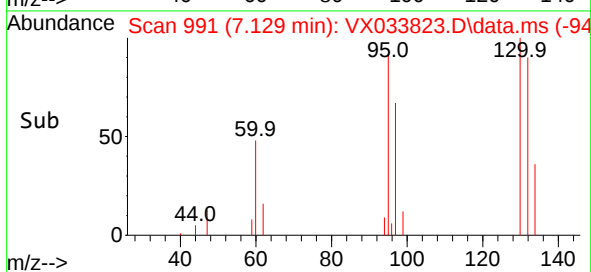
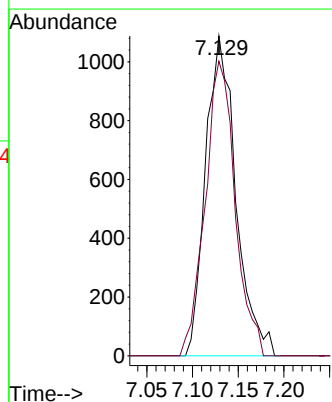
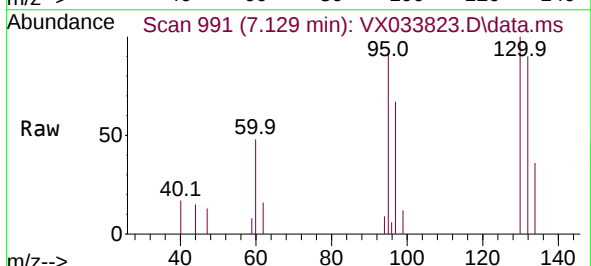


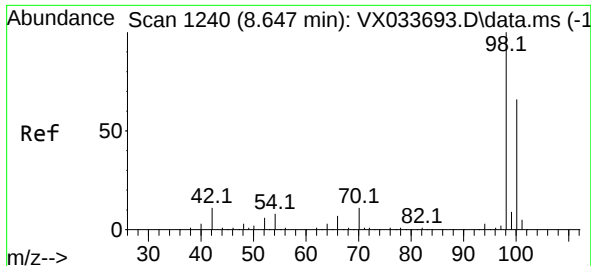
Tgt Ion:117 Resp: 14073
Ion Ratio Lower Upper
117 100
119 3.9 78.0 117.0#
121 0.0 24.4 36.6#



#44
Trichloroethene
Concen: 1.381 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX033823.D
Acq: 20 Jan 2023 13:11

Tgt Ion:130 Resp: 2507
Ion Ratio Lower Upper
130 100
95 92.1 0.0 182.6

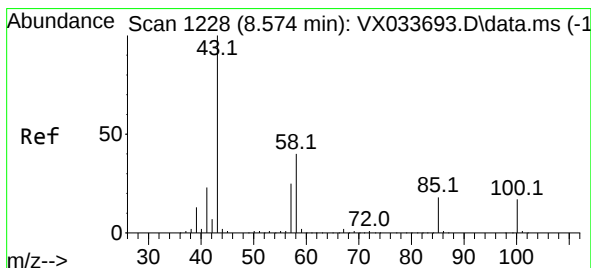
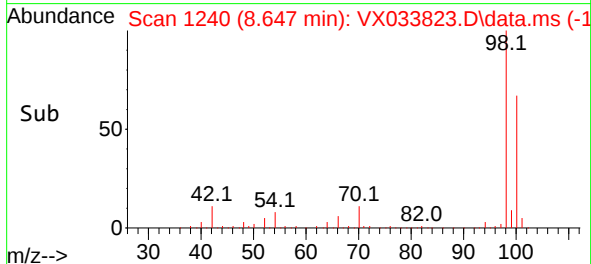
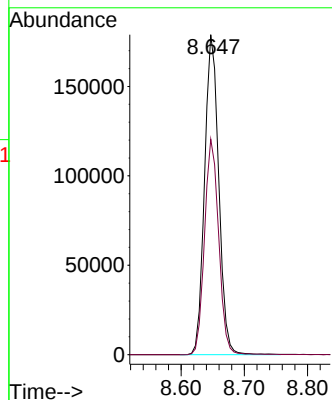
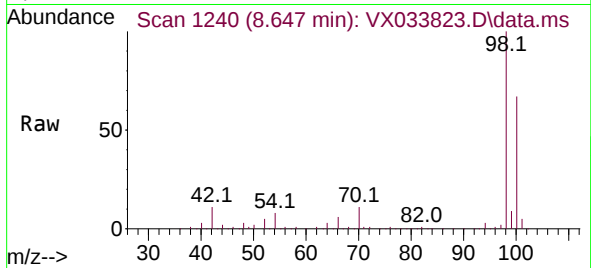




#50
Toluene-d8
Concen: 50.178 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX033823.D
Acq: 20 Jan 2023 13:11

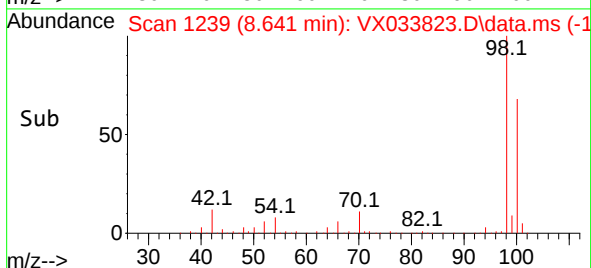
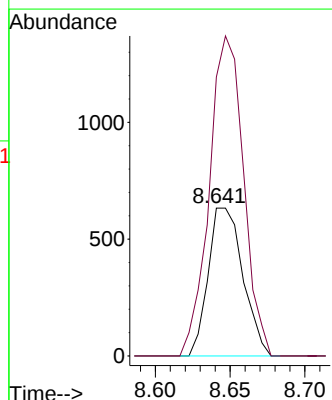
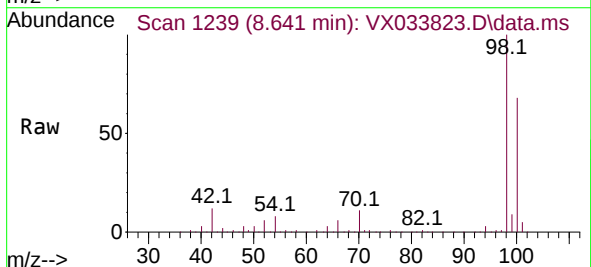
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10-GW-203-205

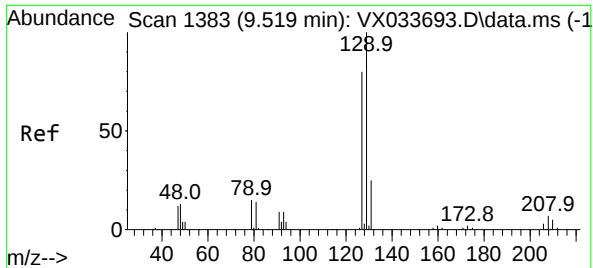
Tgt Ion: 98 Resp: 278971
Ion Ratio Lower Upper
98 100
100 67.4 53.6 80.4



#51
4-Methyl-2-Pentanone
Concen: 0.473 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. 0.067 min
Lab File: VX033823.D
Acq: 20 Jan 2023 13:11

Tgt Ion: 43 Resp: 1021
Ion Ratio Lower Upper
43 100
58 214.1 31.2 46.8#

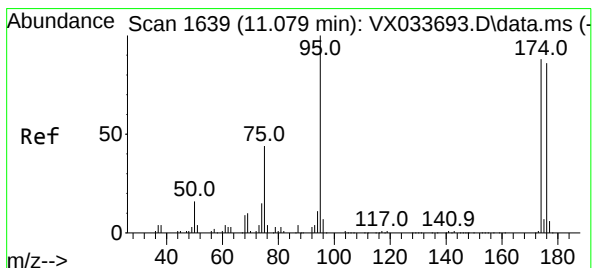
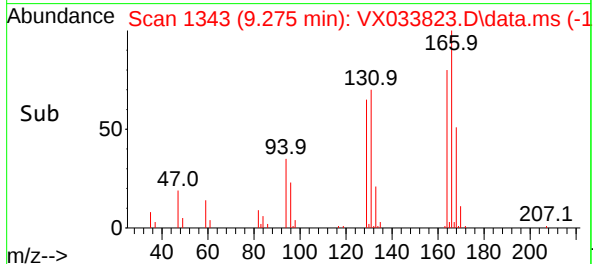
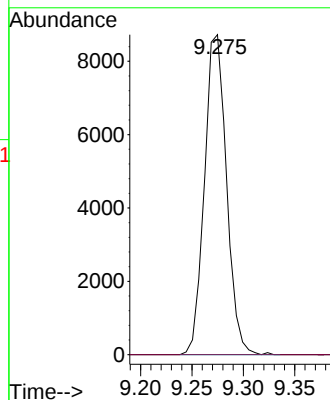
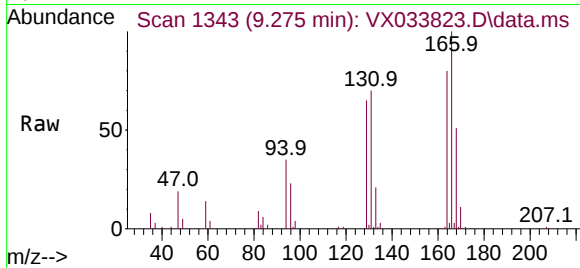




#60
 Dibromochloromethane
 Concen: 7.597 ug/l
 RT: 9.275 min Scan# 11
 Delta R.T. -0.244 min
 Lab File: VX033823.D
 Acq: 20 Jan 2023 13:11

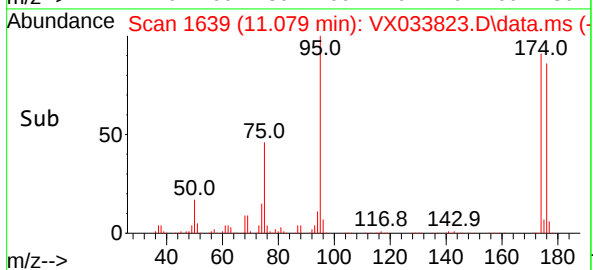
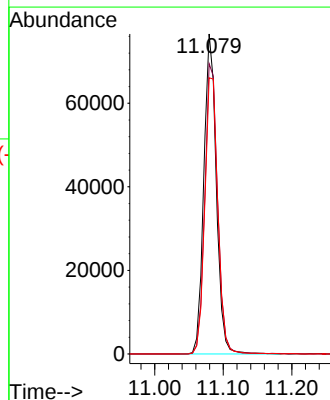
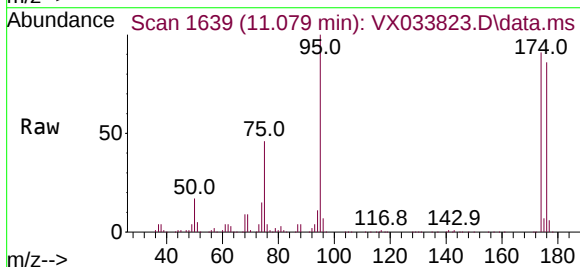
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-RW10-GW-203-205

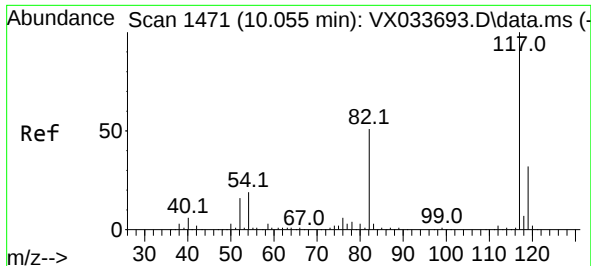
Tgt Ion:129 Resp: 13068
 Ion Ratio Lower Upper
 129 100
 127 0.0 38.8 116.3#



#62
 4-Bromofluorobenzene
 Concen: 47.081 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. 0.000 min
 Lab File: VX033823.D
 Acq: 20 Jan 2023 13:11

Tgt Ion: 95 Resp: 97182
 Ion Ratio Lower Upper
 95 100
 174 93.4 0.0 184.4
 176 90.6 0.0 178.8

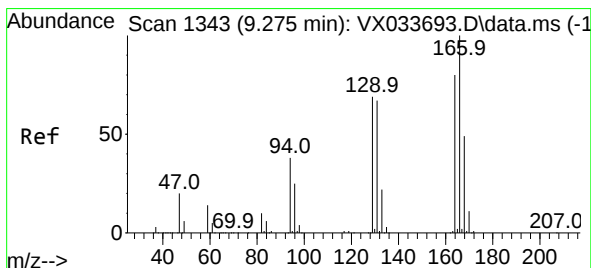
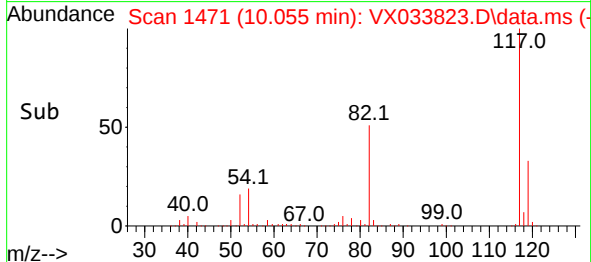
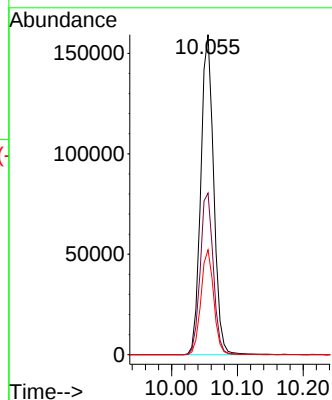
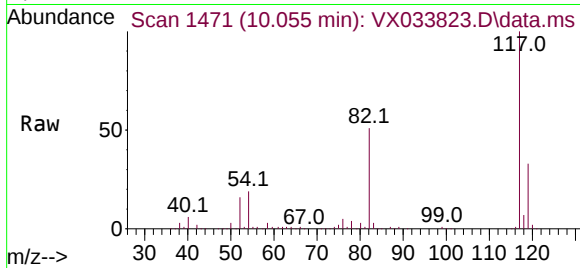




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033823.D
Acq: 20 Jan 2023 13:11

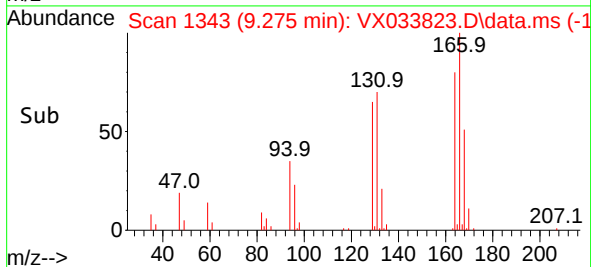
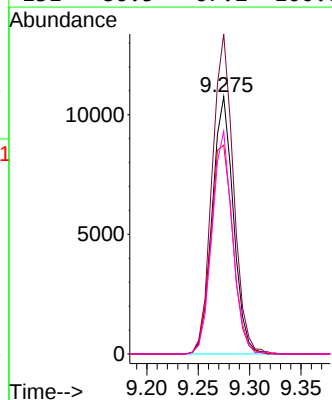
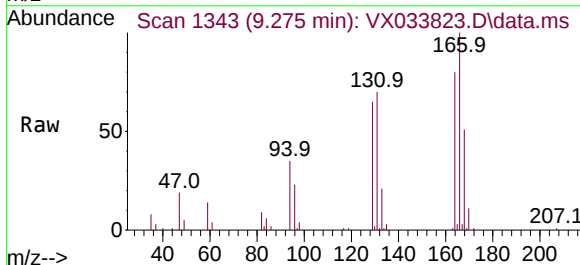
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10-GW-203-205

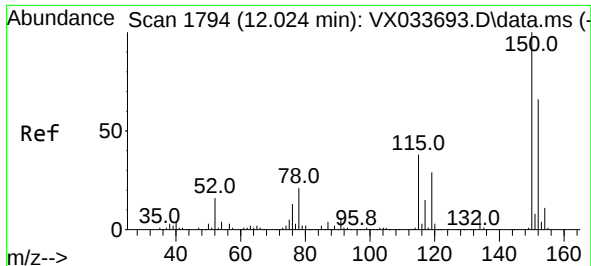
Tgt Ion:117 Resp: 217138
Ion Ratio Lower Upper
117 100
82 50.5 40.6 60.8
119 32.7 25.6 38.4



#64
Tetrachloroethene
Concen: 8.822 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX033823.D
Acq: 20 Jan 2023 13:11

Tgt Ion:164 Resp: 15403
Ion Ratio Lower Upper
164 100
166 124.4 100.2 150.2
129 81.2 69.2 103.8
131 86.5 67.2 100.8

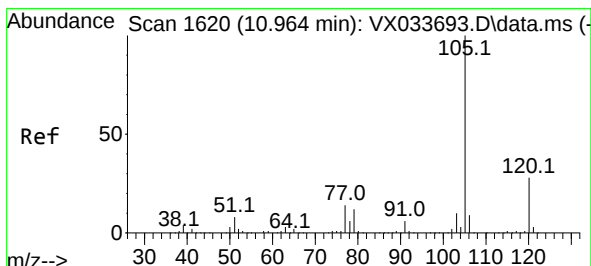
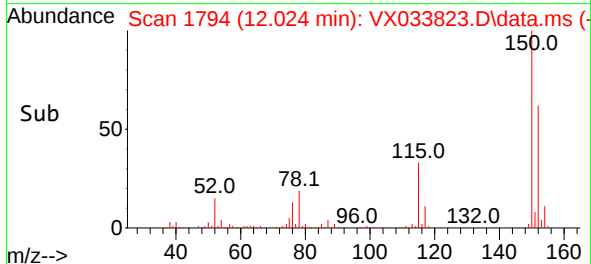
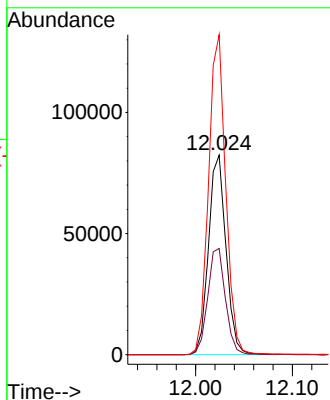
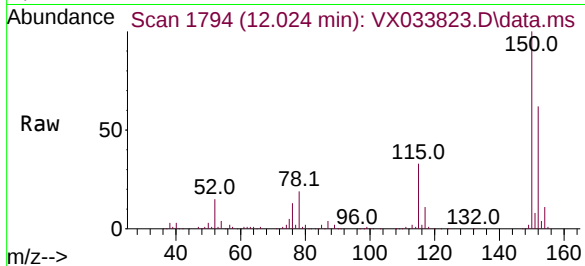




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX033823.D
Acq: 20 Jan 2023 13:11

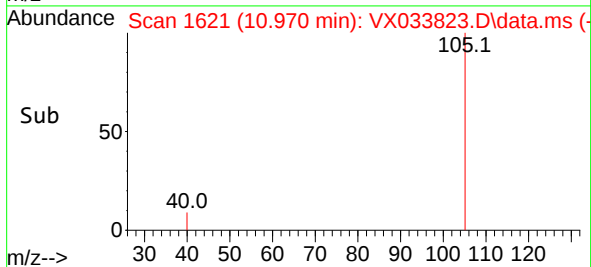
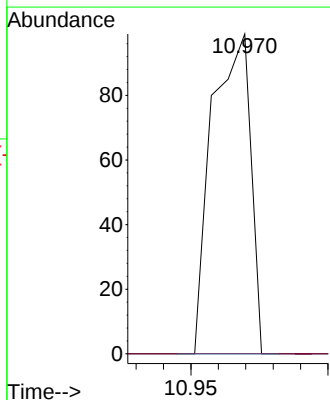
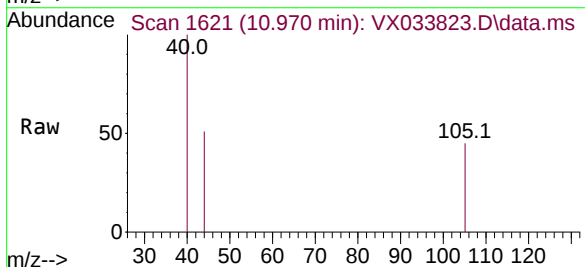
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10-GW-203-205

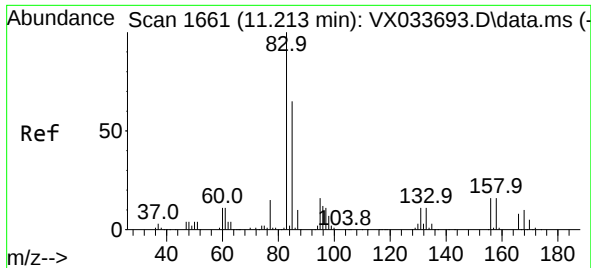
Tgt Ion:152 Resp: 103817
Ion Ratio Lower Upper
152 100
115 54.1 38.7 116.1
150 157.7 0.0 348.2



#73
Isopropylbenzene
Concen: Below Cal
RT: 10.970 min Scan# 1621
Delta R.T. 0.006 min
Lab File: VX033823.D
Acq: 20 Jan 2023 13:11

Tgt Ion:105 Resp: 97
Ion Ratio Lower Upper
105 100
120 0.0 13.6 40.8#

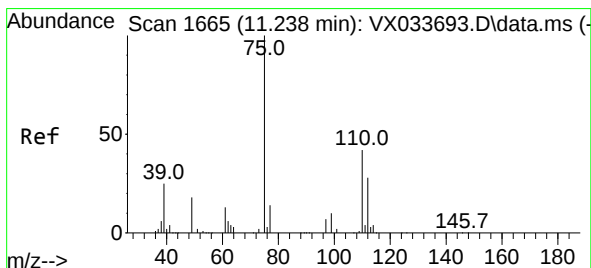
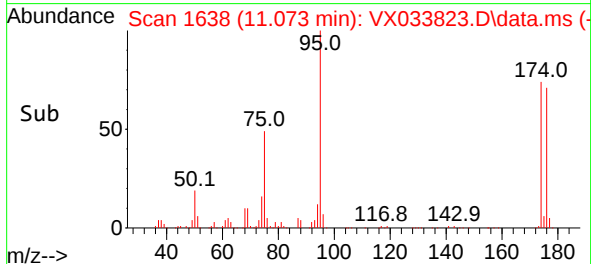
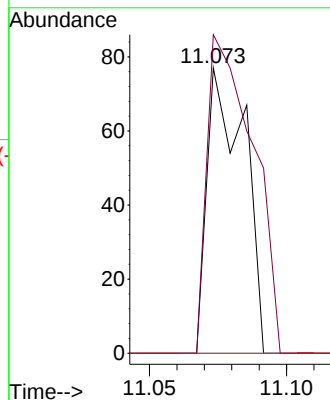
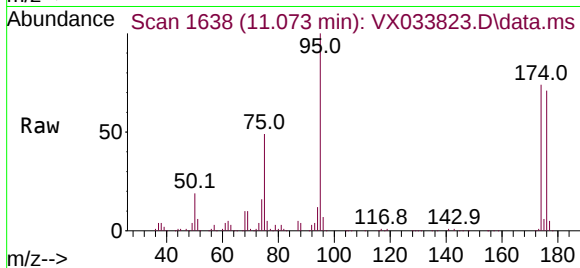




#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 11.073 min Scan# 1638
Delta R.T. -0.140 min
Lab File: VX033823.D
Acq: 20 Jan 2023 13:11

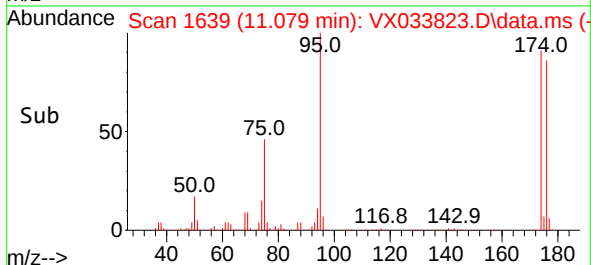
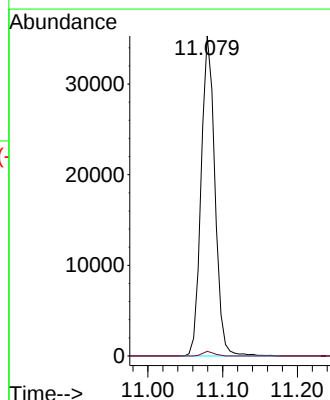
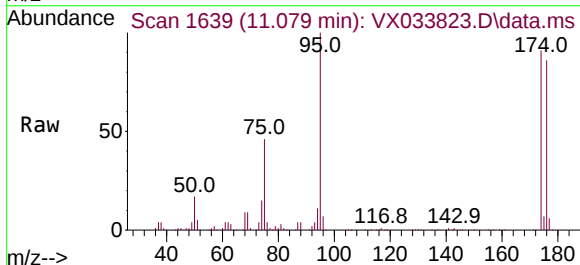
Instrument : MSVOA_X
ClientSampleId : BP-VPB-RW10-GW-203-205

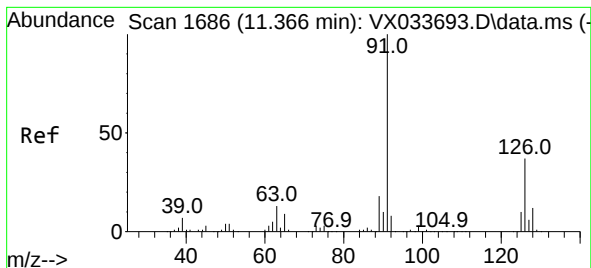
Tgt Ion: 83 Resp: 72
Ion Ratio Lower Upper
83 100
131 138.9 5.5 16.7#
85 0.0 32.3 96.9#



#76
1,2,3-Trichloropropane
Concen: 23.760 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX033823.D
Acq: 20 Jan 2023 13:11

Tgt Ion: 75 Resp: 45322
Ion Ratio Lower Upper
75 100
77 1.2 21.8 65.4#





#79

2-Chlorotoluene

Concen: Below Cal

RT: 11.372 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX033823.D

Acq: 20 Jan 2023 13:11

Instrument :

MSVOA_X

ClientSampleId :

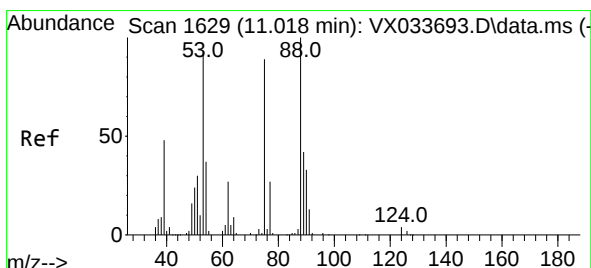
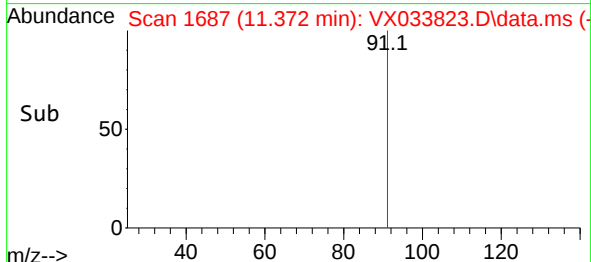
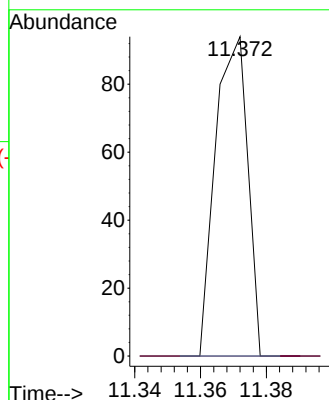
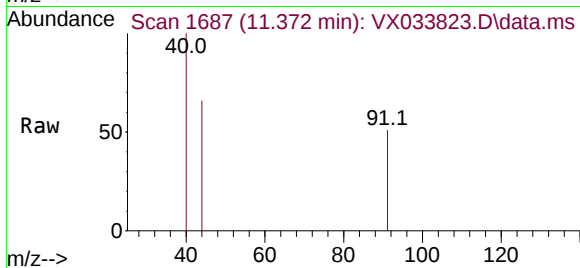
BP-VPB-RW10-GW-203-205

Tgt Ion: 91 Resp: 64

Ion Ratio Lower Upper

91 100

126 0.0 18.1 54.1#



#81

trans-1,4-Dichloro-2-butene

Concen: 73.844 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX033823.D

Acq: 20 Jan 2023 13:11

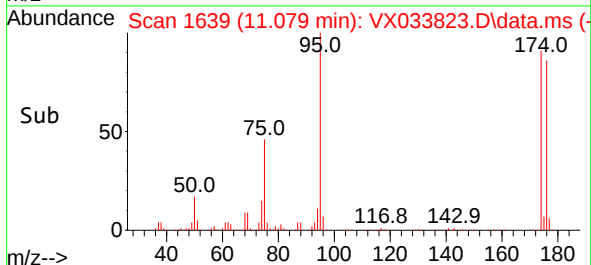
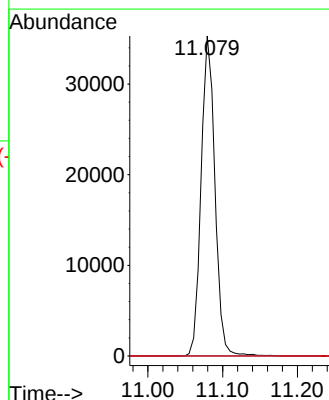
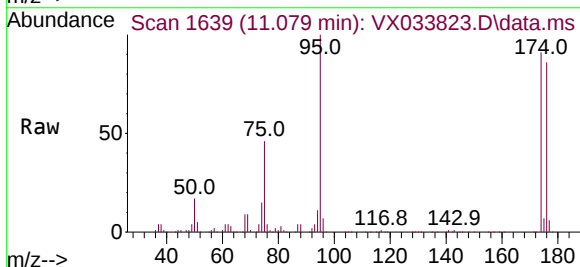
Tgt Ion: 75 Resp: 45322

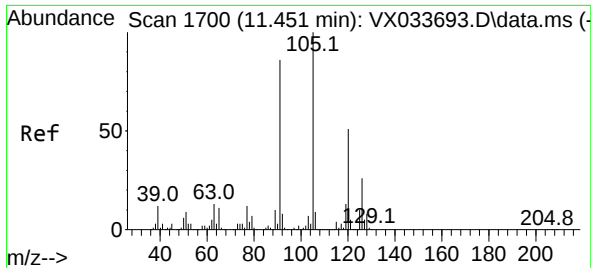
Ion Ratio Lower Upper

75 100

53 0.0 83.0 124.6#

89 0.0 37.7 56.5#





#82
 4-Chlorotoluene
 Concen: Below Cal
 RT: 11.457 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX033823.D
 Acq: 20 Jan 2023 13:11

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-RW10-GW-203-205

Tgt Ion: 91 Resp: 111
 Ion Ratio Lower Upper
 91 100
 126 0.0 15.8 47.4#

