

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012023\
 Data File : VX033827.D
 Acq On : 20 Jan 2023 14:44
 Operator : JC/MD
 Sample : 01242-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-RW10-GW-258-260

Quant Time: Jan 21 04:44:47 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)

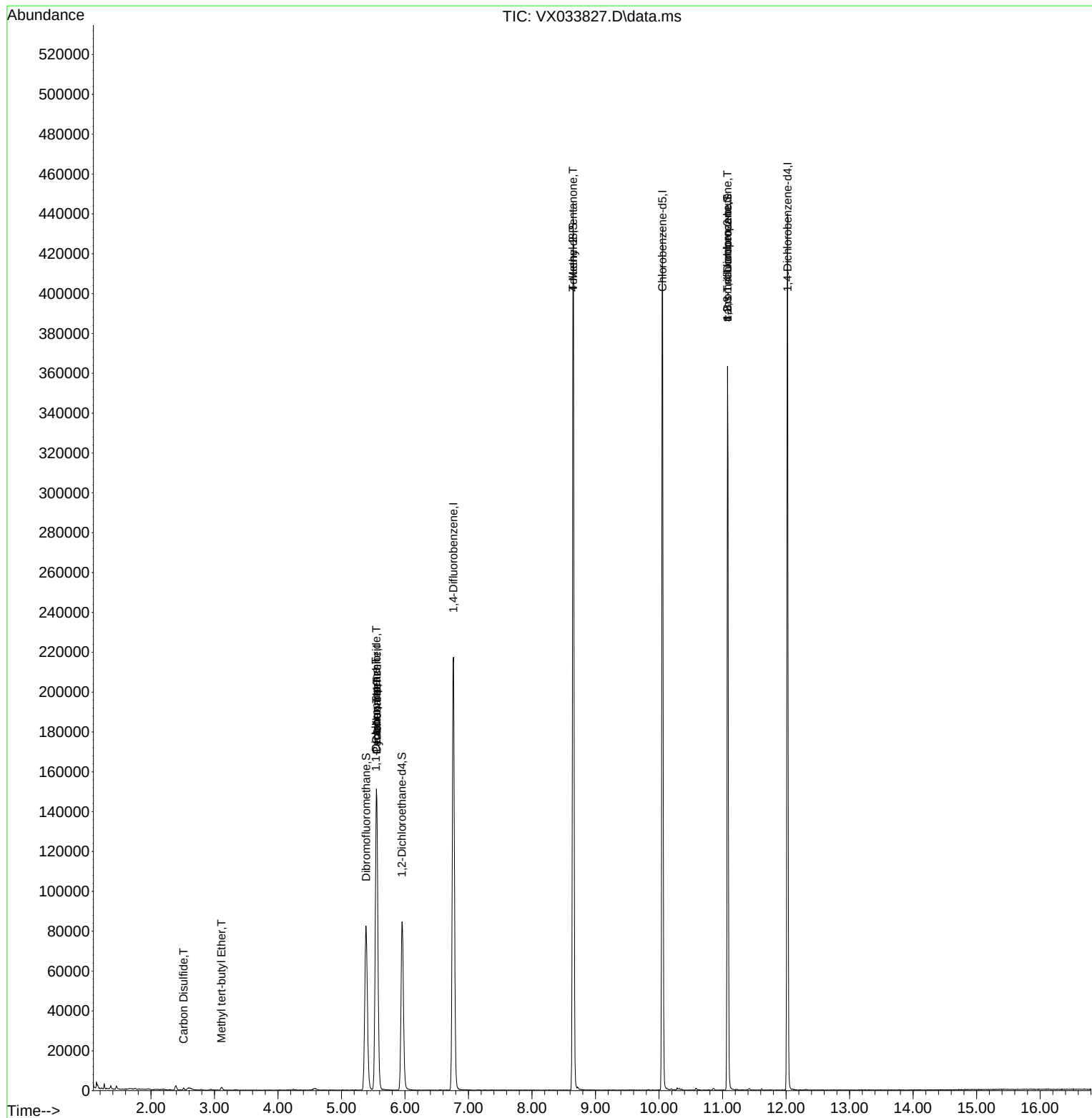
Internal Standards						
1) Pentafluorobenzene	5.556	168	163663	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	238014	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	211164	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	101101	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	80696	46.829	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.660%
35) Dibromofluoromethane	5.385	113	72541	49.083	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.160%
50) Toluene-d8	8.647	98	271698	50.455	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.920%
62) 4-Bromofluorobenzene	11.079	95	94464	47.248	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.500%
Target Compounds						
					Qvalue	
16) Acetone	2.392	43	2976	Below Cal		99
17) Carbon Disulfide	2.514	76	1300	2.194 ug/l	#	82
19) Methyl tert-butyl Ether	3.111	73	1593	0.344 ug/l	#	88
20) Methylene Chloride	2.782	84	205	Below Cal	#	70
31) Cyclohexane	5.556	56	2484	0.980 ug/l	#	1
36) 1,1-Dichloropropene	5.544	75	9923	4.600 ug/l	#	49
37) Ethyl Acetate	4.593	43	161	Below Cal	#	68
38) Carbon Tetrachloride	5.550	117	14107	6.315 ug/l	#	16
51) 4-Methyl-2-Pentanone	8.647	43	1066	0.510 ug/l	#	1
73) Isopropylbenzene	10.963	105	63	Below Cal	#	48
76) 1,2,3-Trichloropropane	11.079	75	43812	23.586 ug/l	#	34
79) 2-Chlorotoluene	11.305	91	83	Below Cal	#	39
81) trans-1,4-Dichloro-2-b...	11.079	75	43812	73.301 ug/l	#	8
82) 4-Chlorotoluene	11.305	91	83	Below Cal	#	43

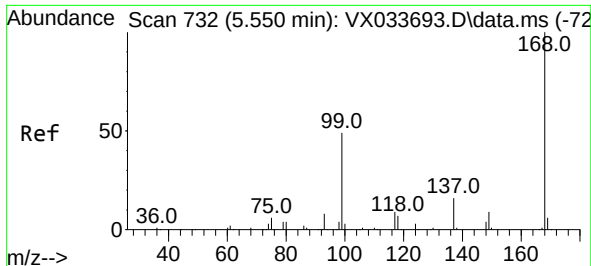
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BP-VPB-RW10-GW-258-260

Quant Time: Jan 21 04:44:47 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

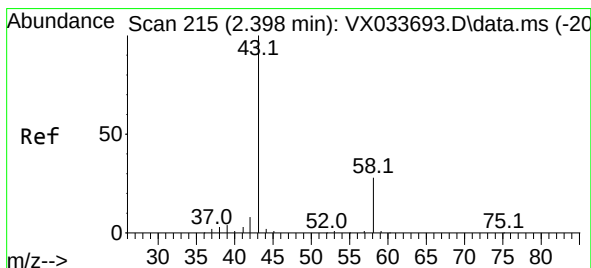
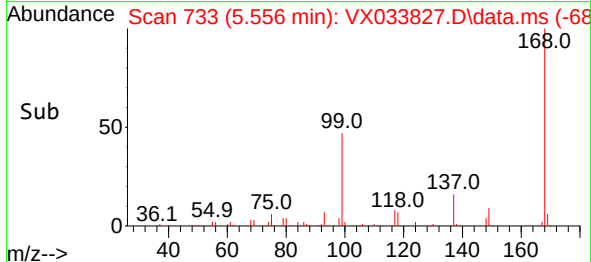
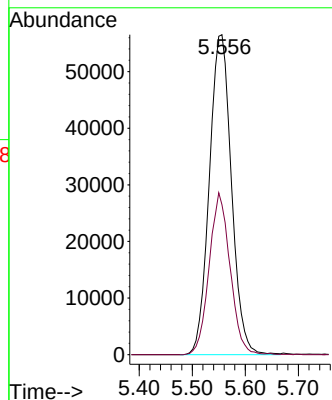
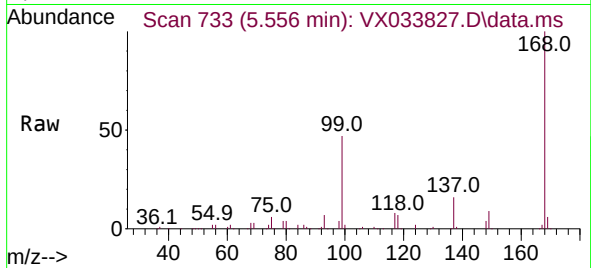




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX033827.D
Acq: 20 Jan 2023 14:44

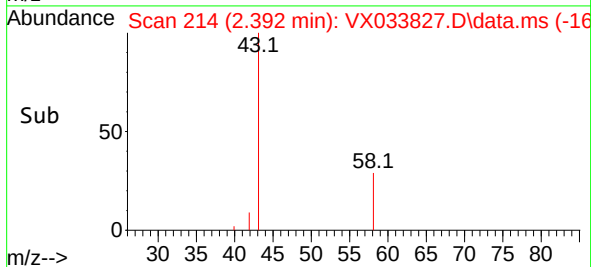
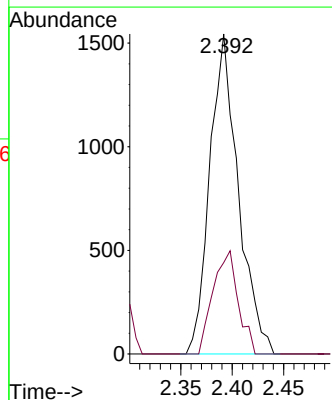
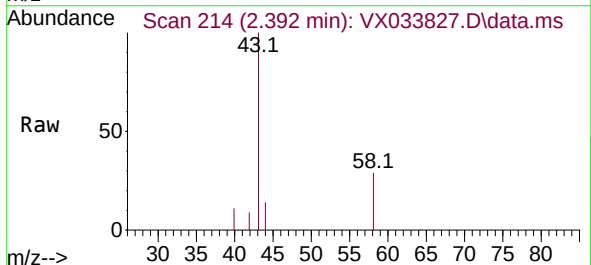
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10-GW-258-260

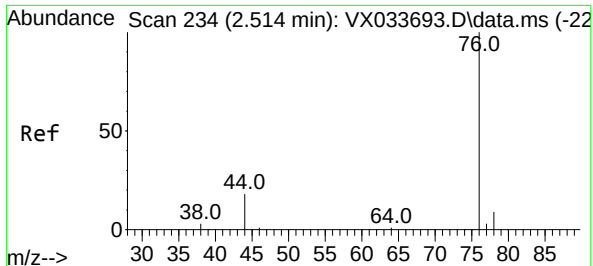
Tgt Ion:168 Resp: 163663
Ion Ratio Lower Upper
168 100
99 46.9 39.6 59.4



#16
Acetone
Concen: Below Cal
RT: 2.392 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX033827.D
Acq: 20 Jan 2023 14:44

Tgt Ion: 43 Resp: 2976
Ion Ratio Lower Upper
43 100
58 28.6 22.6 33.8





#17

Carbon Disulfide

Concen: 2.194 ug/l

RT: 2.514 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX033827.D

Acq: 20 Jan 2023 14:44

Instrument :

MSVOA_X

ClientSampleId :

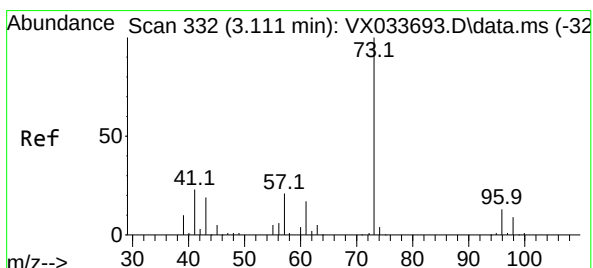
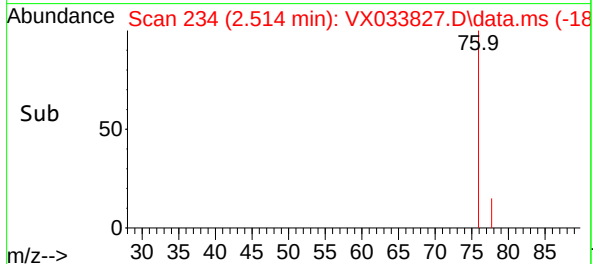
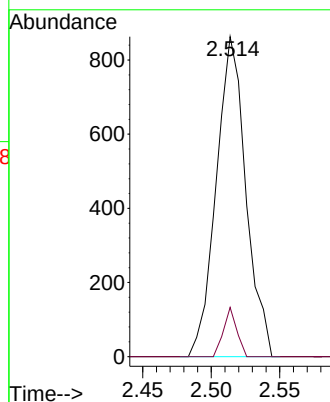
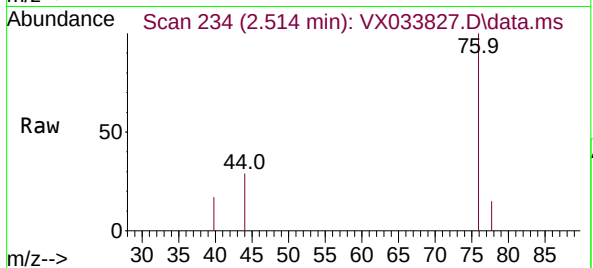
BP-VPB-RW10-GW-258-260

Tgt Ion: 76 Resp: 1300

Ion Ratio Lower Upper

76 100

78 15.4 7.0 10.6#



#19

Methyl tert-butyl Ether

Concen: 0.344 ug/l

RT: 3.111 min Scan# 332

Delta R.T. -0.000 min

Lab File: VX033827.D

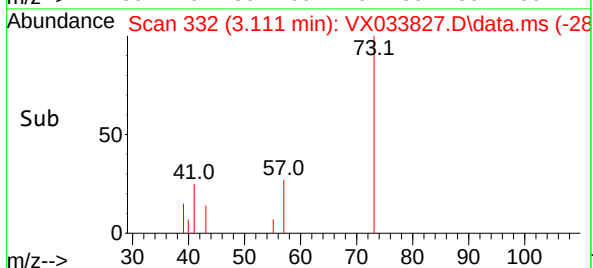
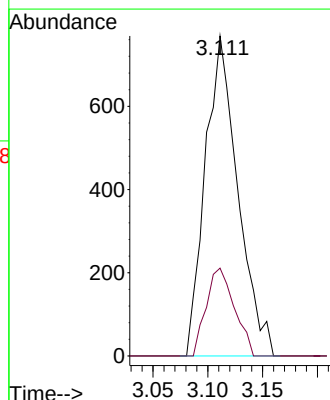
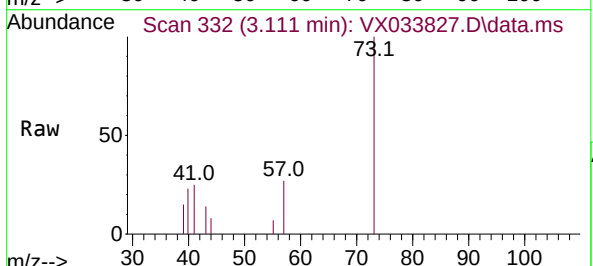
Acq: 20 Jan 2023 14:44

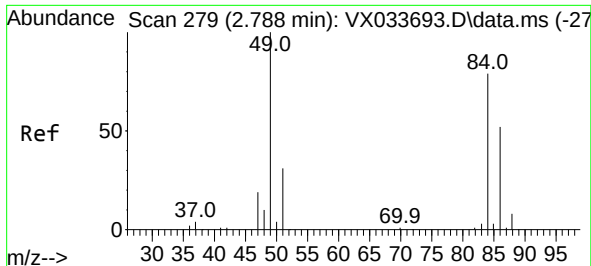
Tgt Ion: 73 Resp: 1593

Ion Ratio Lower Upper

73 100

57 27.4 17.4 26.0#

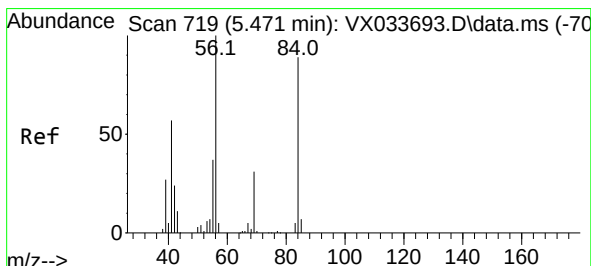
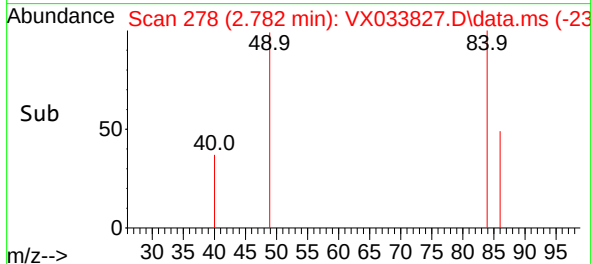
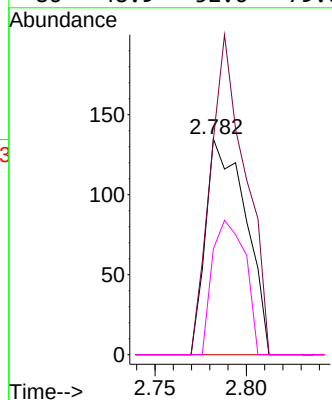
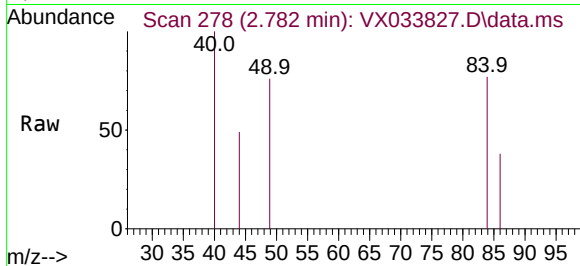




#20
Methylene Chloride
Concen: Below Cal
RT: 2.782 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX033827.D
Acq: 20 Jan 2023 14:44

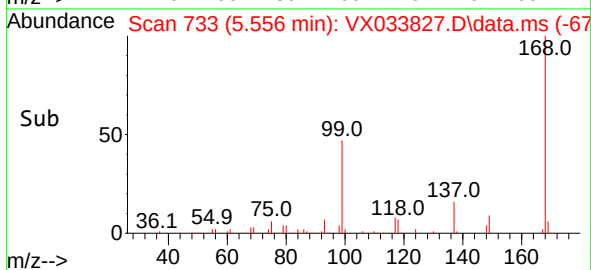
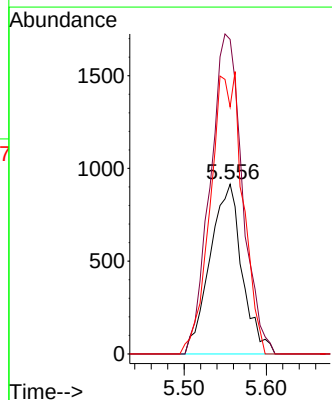
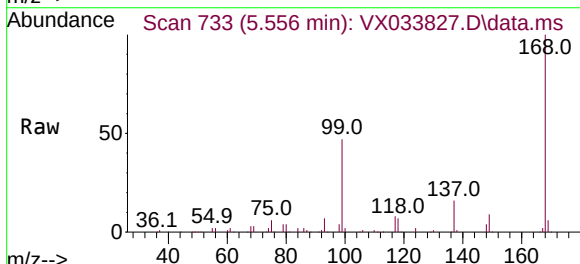
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10-GW-258-260

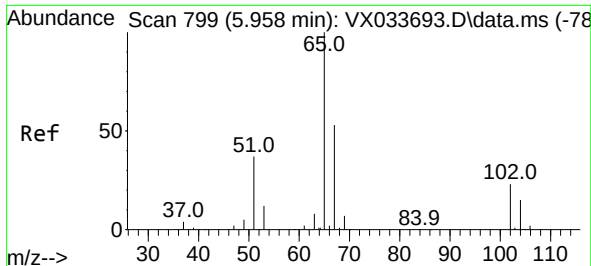
Tgt Ion:	84	Resp:	205
Ion	Ratio	Lower	Upper
84	100		
49	99.3	101.1	151.7#
51	0.0	31.0	46.6#
86	48.9	52.6	79.0#



#31
Cyclohexane
Concen: 0.980 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.085 min
Lab File: VX033827.D
Acq: 20 Jan 2023 14:44

Tgt Ion:	56	Resp:	2484
Ion	Ratio	Lower	Upper
56	100		
69	185.4	24.6	37.0#
84	145.6	71.0	106.6#

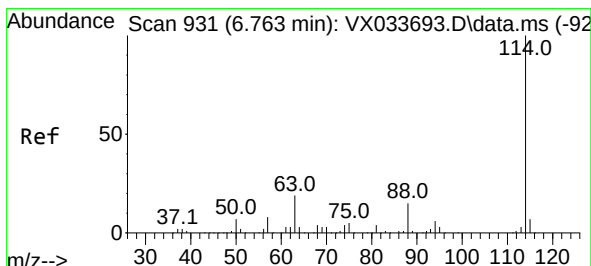
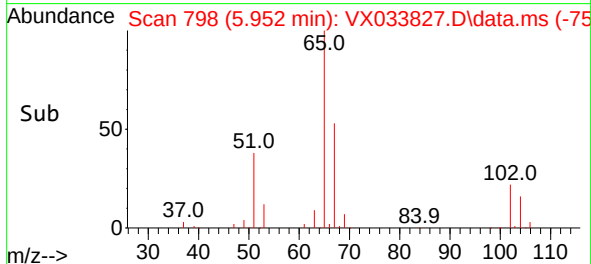
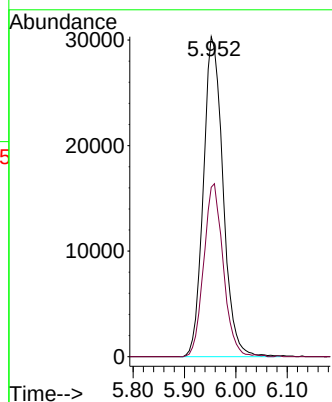
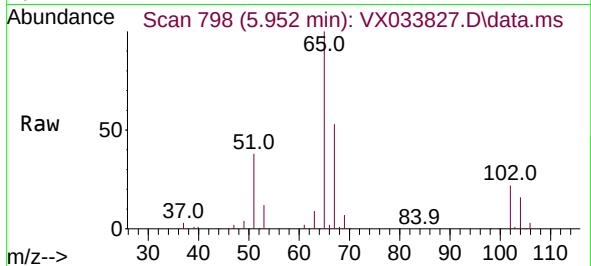




#33
 1,2-Dichloroethane-d4
 Concen: 46.829 ug/l
 RT: 5.952 min Scan# 799
 Delta R.T. -0.006 min
 Lab File: VX033827.D
 Acq: 20 Jan 2023 14:44

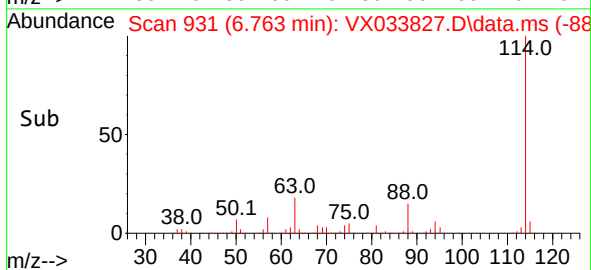
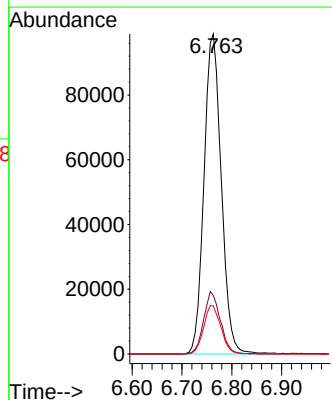
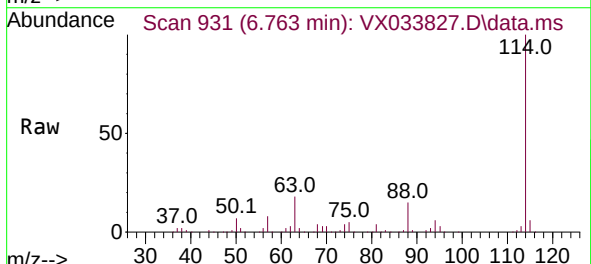
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-RW10-GW-258-260

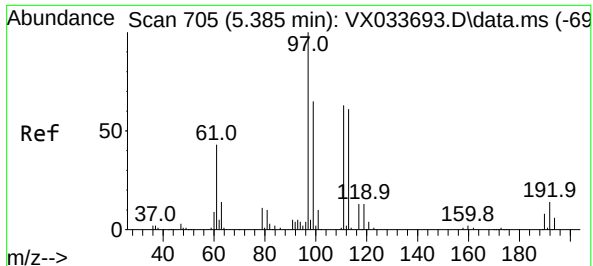
Tgt Ion: 65 Resp: 80696
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX033827.D
 Acq: 20 Jan 2023 14:44

Tgt Ion: 114 Resp: 238014
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 37.4
 88 15.0 0.0 30.6

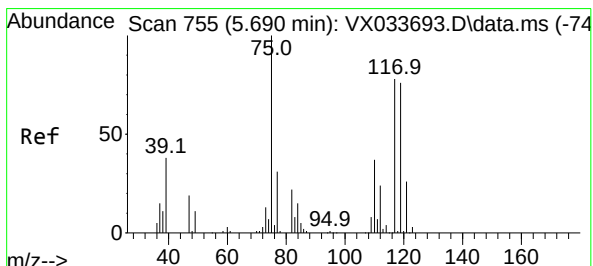
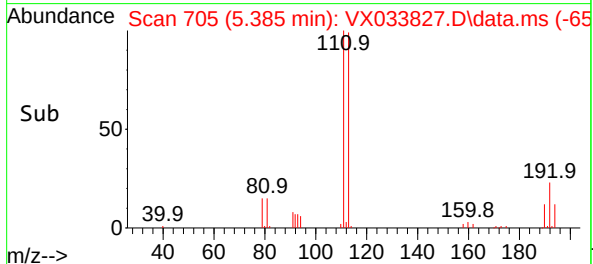
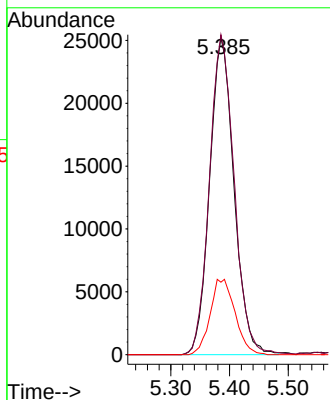
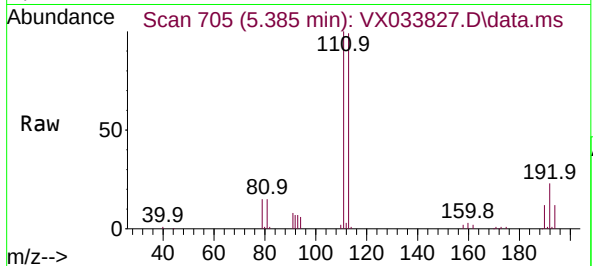




#35
Dibromofluoromethane
Concen: 49.083 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX033827.D
Acq: 20 Jan 2023 14:44

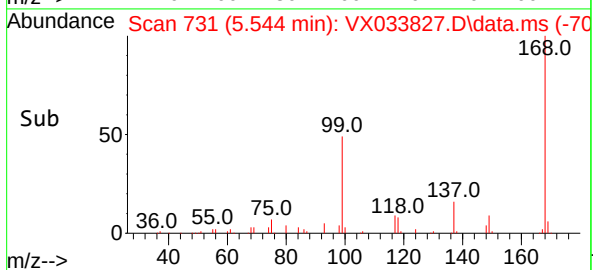
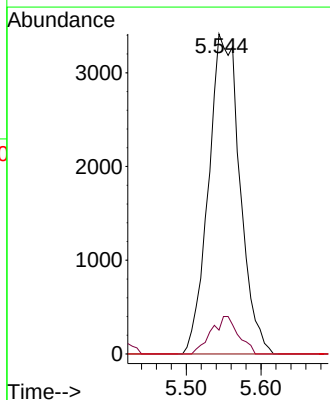
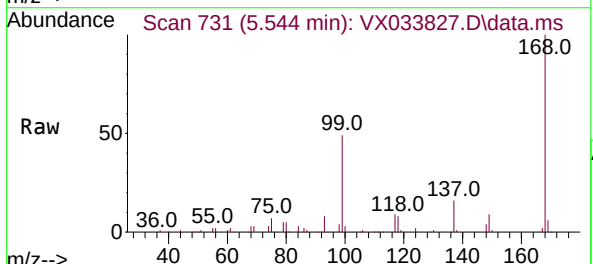
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10-GW-258-260

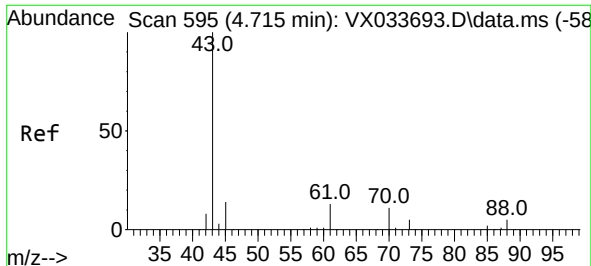
Tgt Ion:113 Resp: 72541
Ion Ratio Lower Upper
113 100
111 102.4 83.0 124.6
192 24.4 19.0 28.4



#36
1,1-Dichloropropene
Concen: 4.600 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.146 min
Lab File: VX033827.D
Acq: 20 Jan 2023 14:44

Tgt Ion: 75 Resp: 9923
Ion Ratio Lower Upper
75 100
110 10.2 18.8 56.4#
77 0.0 25.1 37.7#





#37

Ethyl Acetate

Concen: Below Cal

RT: 4.593 min Scan# 51

Delta R.T. -0.122 min

Lab File: VX033827.D

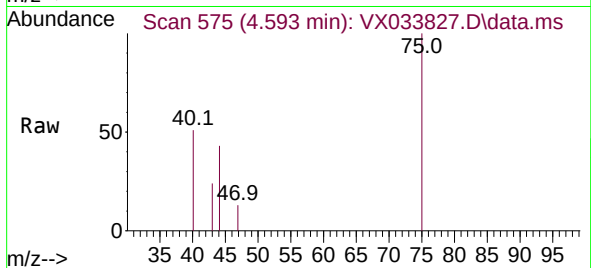
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Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-RW10-GW-258-260



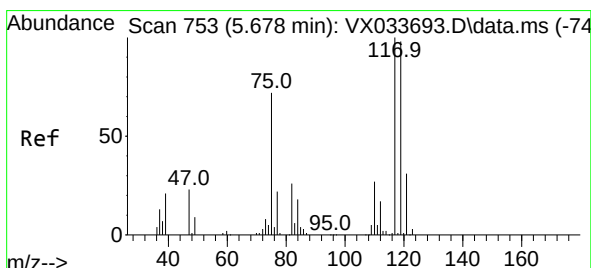
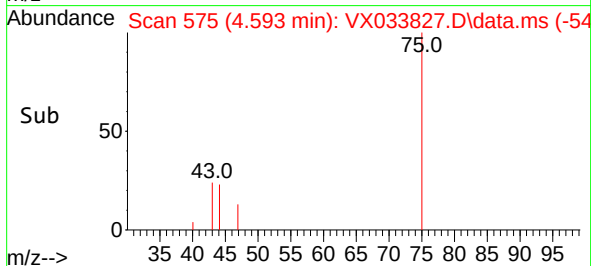
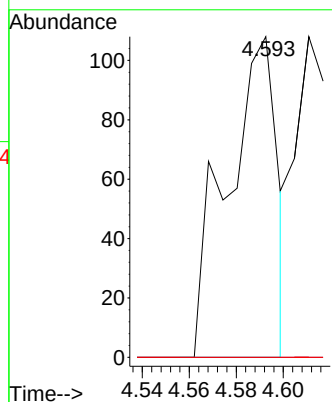
Tgt Ion: 43 Resp: 161

Ion Ratio Lower Upper

43 100

61 0.0 11.1 16.7#

70 0.0 8.5 12.7#



#38

Carbon Tetrachloride

Concen: 6.315 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.128 min

Lab File: VX033827.D

Acq: 20 Jan 2023 14:44

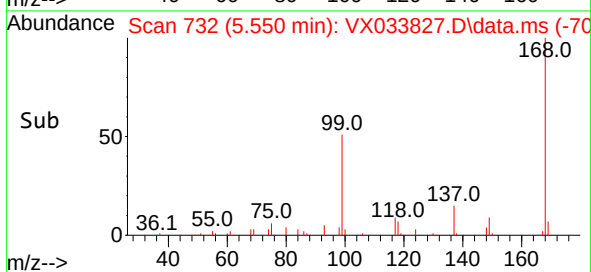
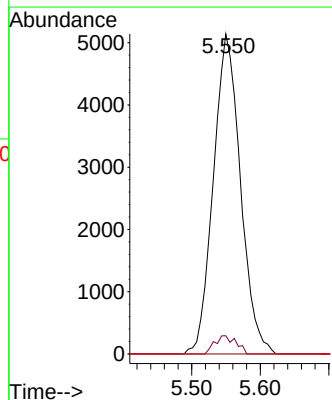
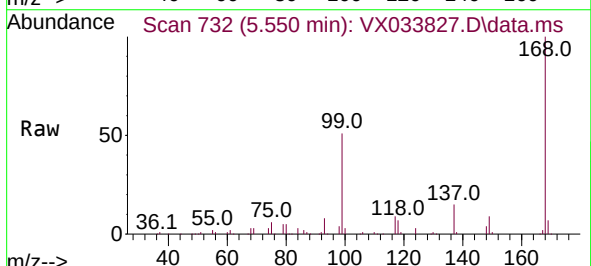
Tgt Ion: 117 Resp: 14107

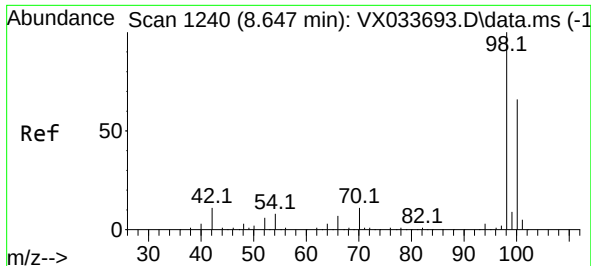
Ion Ratio Lower Upper

117 100

119 5.7 78.0 117.0#

121 0.0 24.4 36.6#

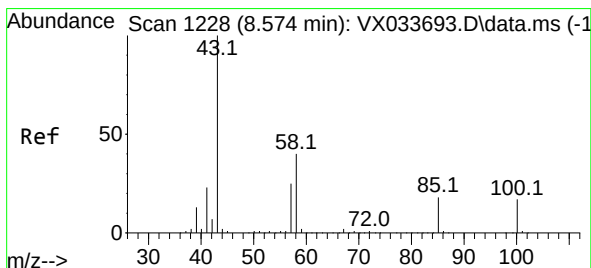
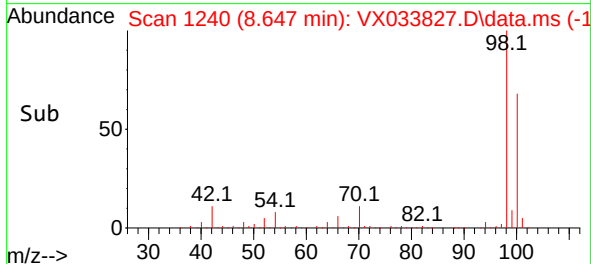
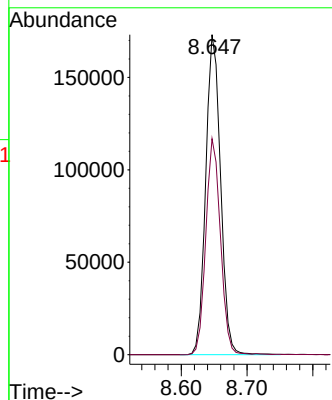
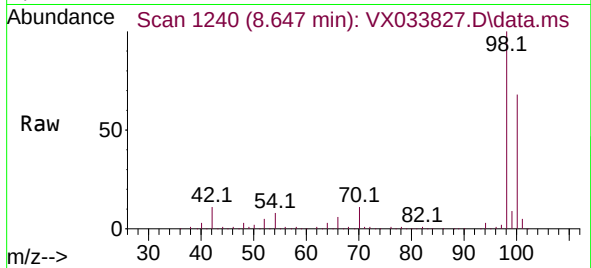




#50
Toluene-d8
Concen: 50.455 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX033827.D
Acq: 20 Jan 2023 14:44

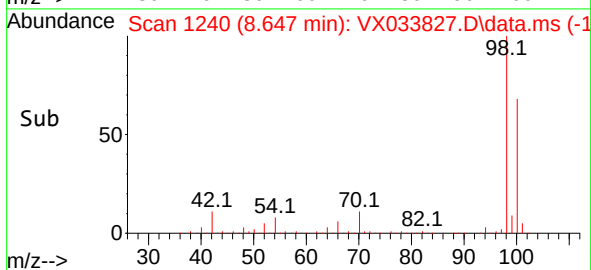
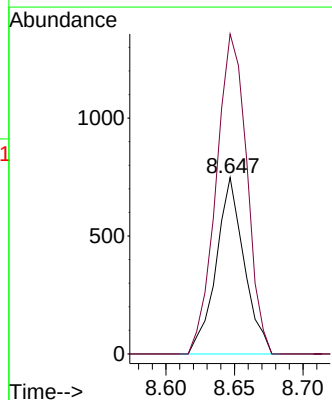
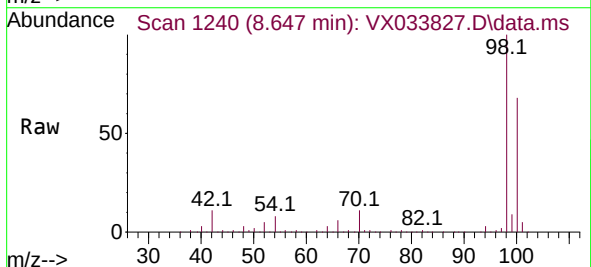
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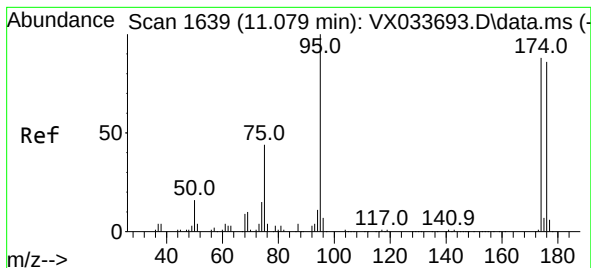
Tgt Ion: 98 Resp: 271698
Ion Ratio Lower Upper
98 100
100 66.4 53.6 80.4



#51
4-Methyl-2-Pentanone
Concen: 0.510 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX033827.D
Acq: 20 Jan 2023 14:44

Tgt Ion: 43 Resp: 1066
Ion Ratio Lower Upper
43 100
58 198.1 31.2 46.8#

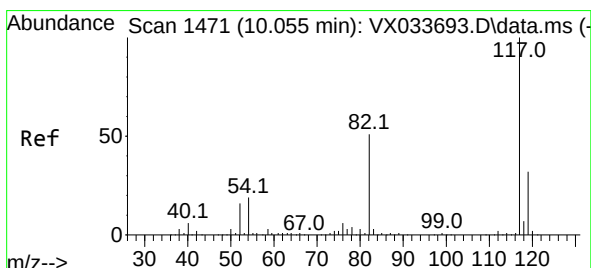
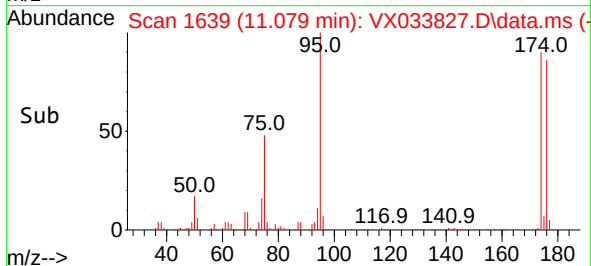
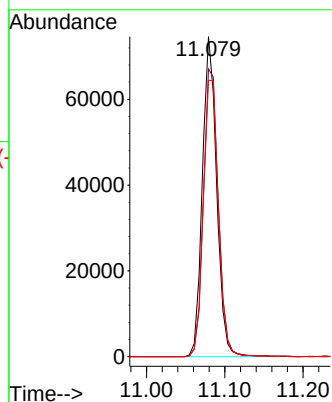
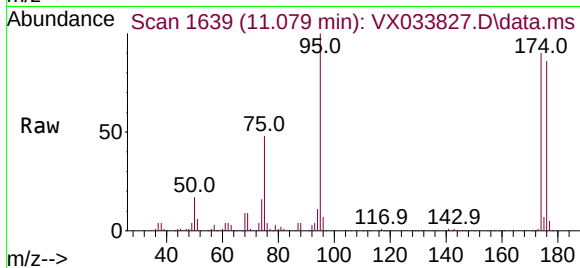




#62
4-Bromofluorobenzene
Concen: 47.248 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX033827.D
Acq: 20 Jan 2023 14:44

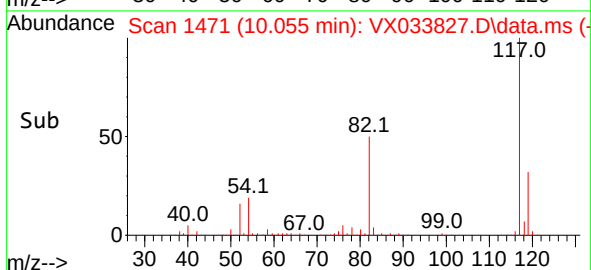
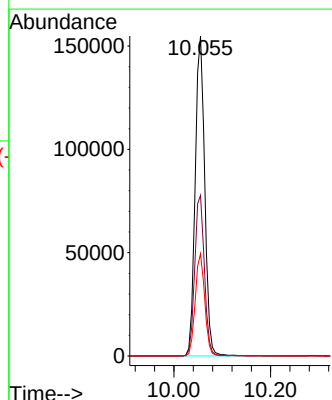
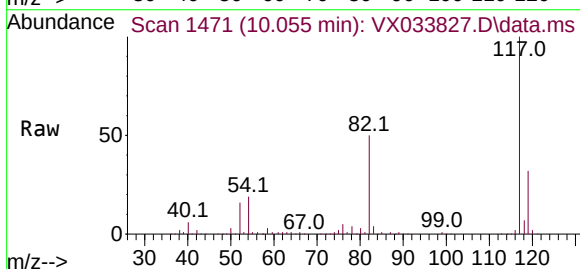
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10-GW-258-260

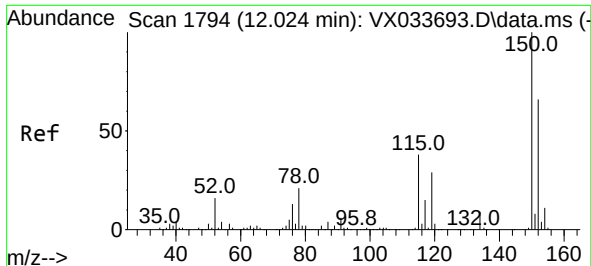
Tgt Ion: 95 Resp: 94464
Ion Ratio Lower Upper
95 100
174 94.2 0.0 184.4
176 91.9 0.0 178.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033827.D
Acq: 20 Jan 2023 14:44

Tgt Ion: 117 Resp: 211164
Ion Ratio Lower Upper
117 100
82 50.2 40.6 60.8
119 32.0 25.6 38.4

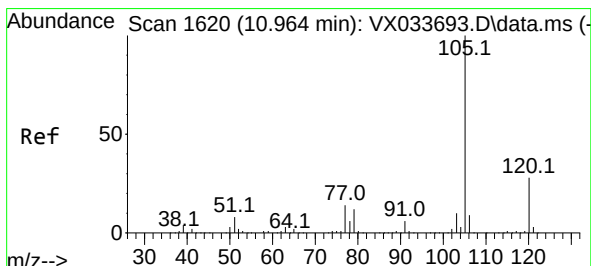
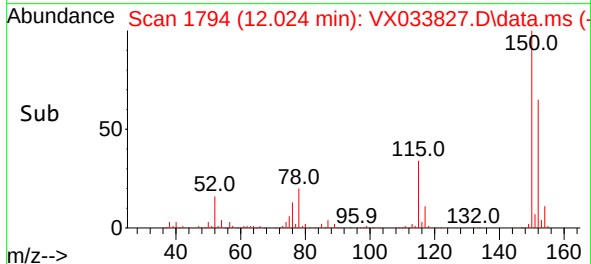
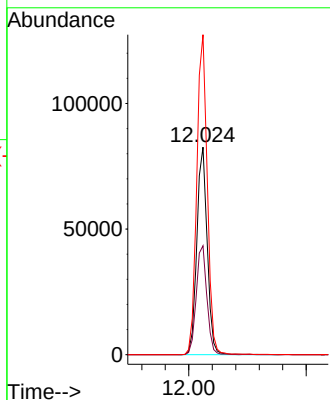
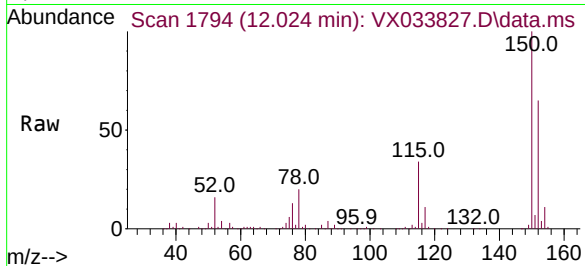




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX033827.D
Acq: 20 Jan 2023 14:44

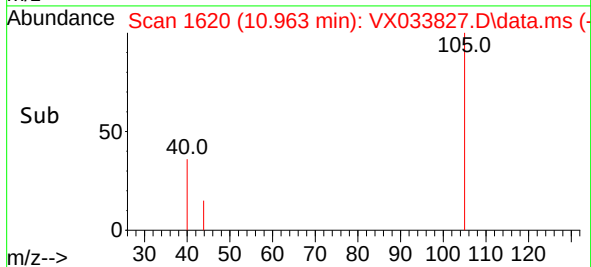
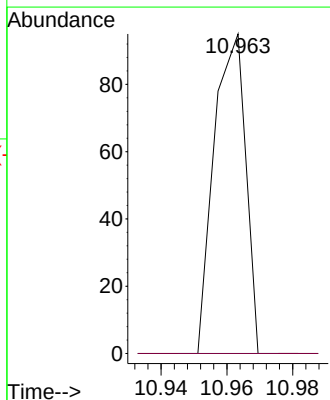
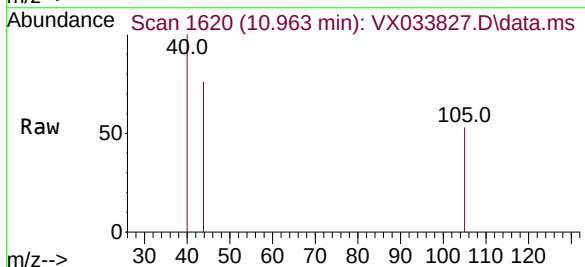
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10-GW-258-260

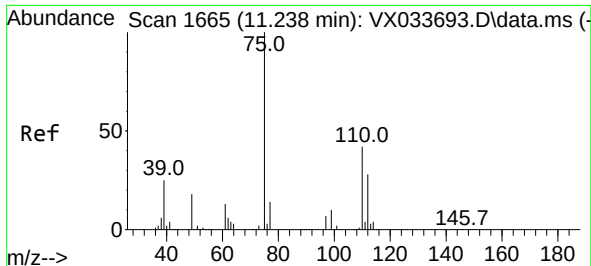
Tgt Ion:152 Resp: 101101
Ion Ratio Lower Upper
152 100
115 54.0 38.7 116.1
150 156.4 0.0 348.2



#73
Isopropylbenzene
Concen: Below Cal
RT: 10.963 min Scan# 1620
Delta R.T. -0.001 min
Lab File: VX033827.D
Acq: 20 Jan 2023 14:44

Tgt Ion:105 Resp: 63
Ion Ratio Lower Upper
105 100
120 0.0 13.6 40.8#

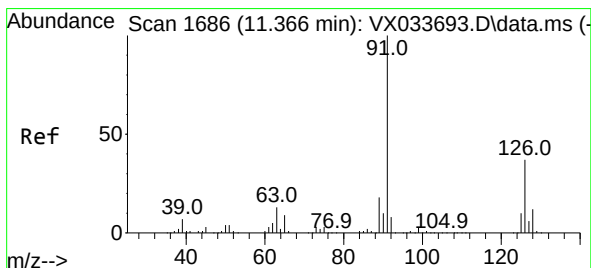
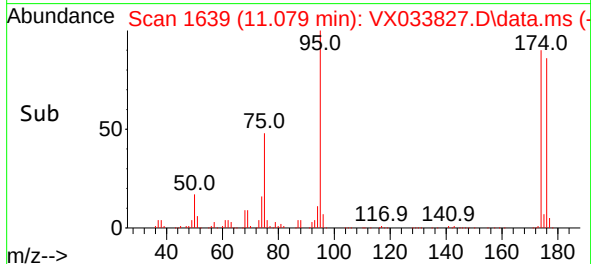
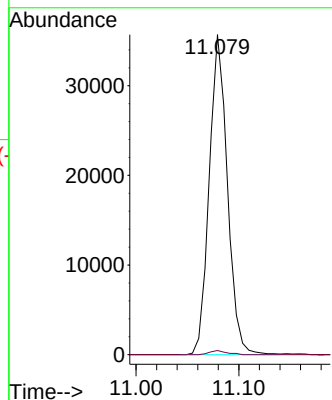
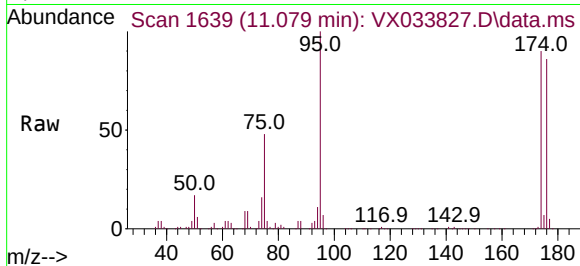




#76
1,2,3-Trichloropropane
Concen: 23.586 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX033827.D
Acq: 20 Jan 2023 14:44

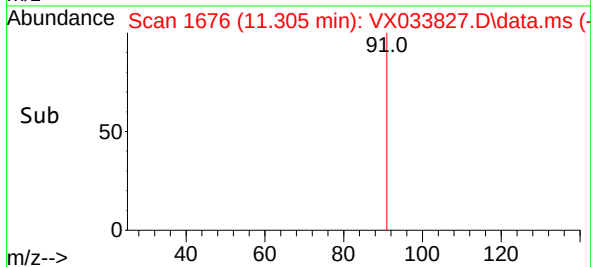
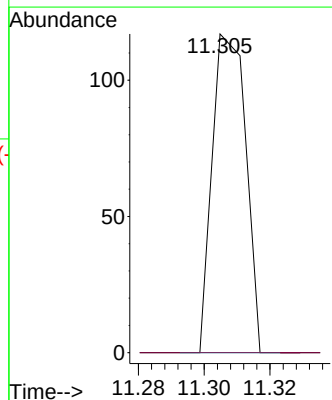
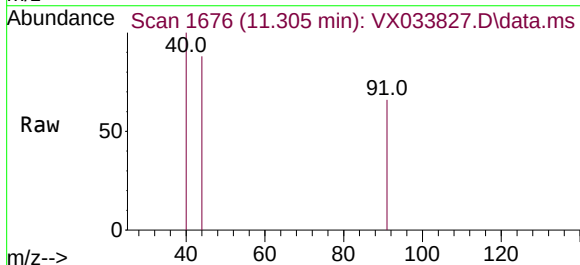
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10-GW-258-260

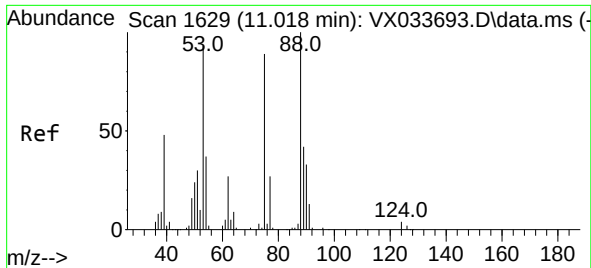
Tgt Ion: 75 Resp: 43812
Ion Ratio Lower Upper
75 100
77 1.2 21.8 65.4#



#79
2-Chlorotoluene
Concen: Below Cal
RT: 11.305 min Scan# 1676
Delta R.T. -0.061 min
Lab File: VX033827.D
Acq: 20 Jan 2023 14:44

Tgt Ion: 91 Resp: 83
Ion Ratio Lower Upper
91 100
126 0.0 18.1 54.1#

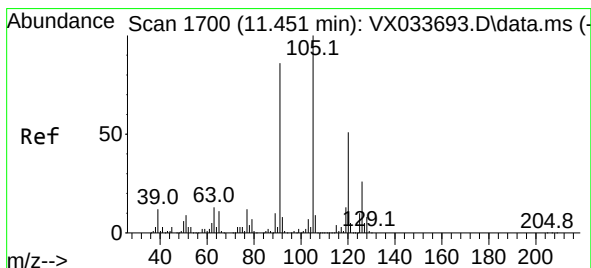
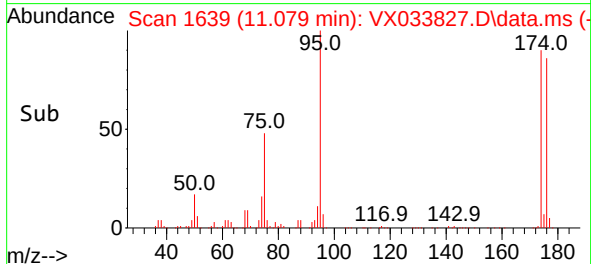
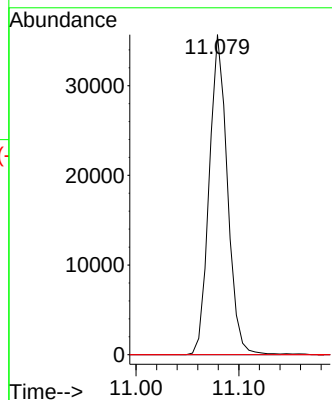
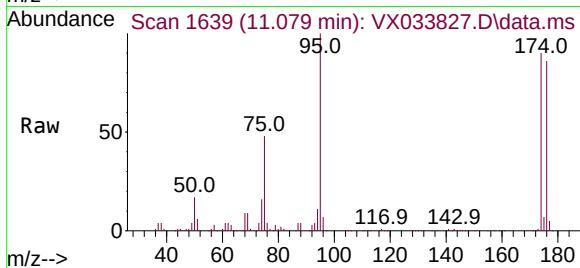




#81
trans-1,4-Dichloro-2-butene
Concen: 73.301 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX033827.D
Acq: 20 Jan 2023 14:44

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10-GW-258-260

Tgt Ion: 75 Resp: 43812
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: 11.305 min Scan# 1676
Delta R.T. -0.146 min
Lab File: VX033827.D
Acq: 20 Jan 2023 14:44

Tgt Ion: 91 Resp: 83
Ion Ratio Lower Upper
91 100
126 0.0 15.8 47.4#

