

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012023\
 Data File : VX033831.D
 Acq On : 20 Jan 2023 16:17
 Operator : JC/MD
 Sample : 01242-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-RW10-EB-20230119

Quant Time: Jan 21 04:45:59 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)

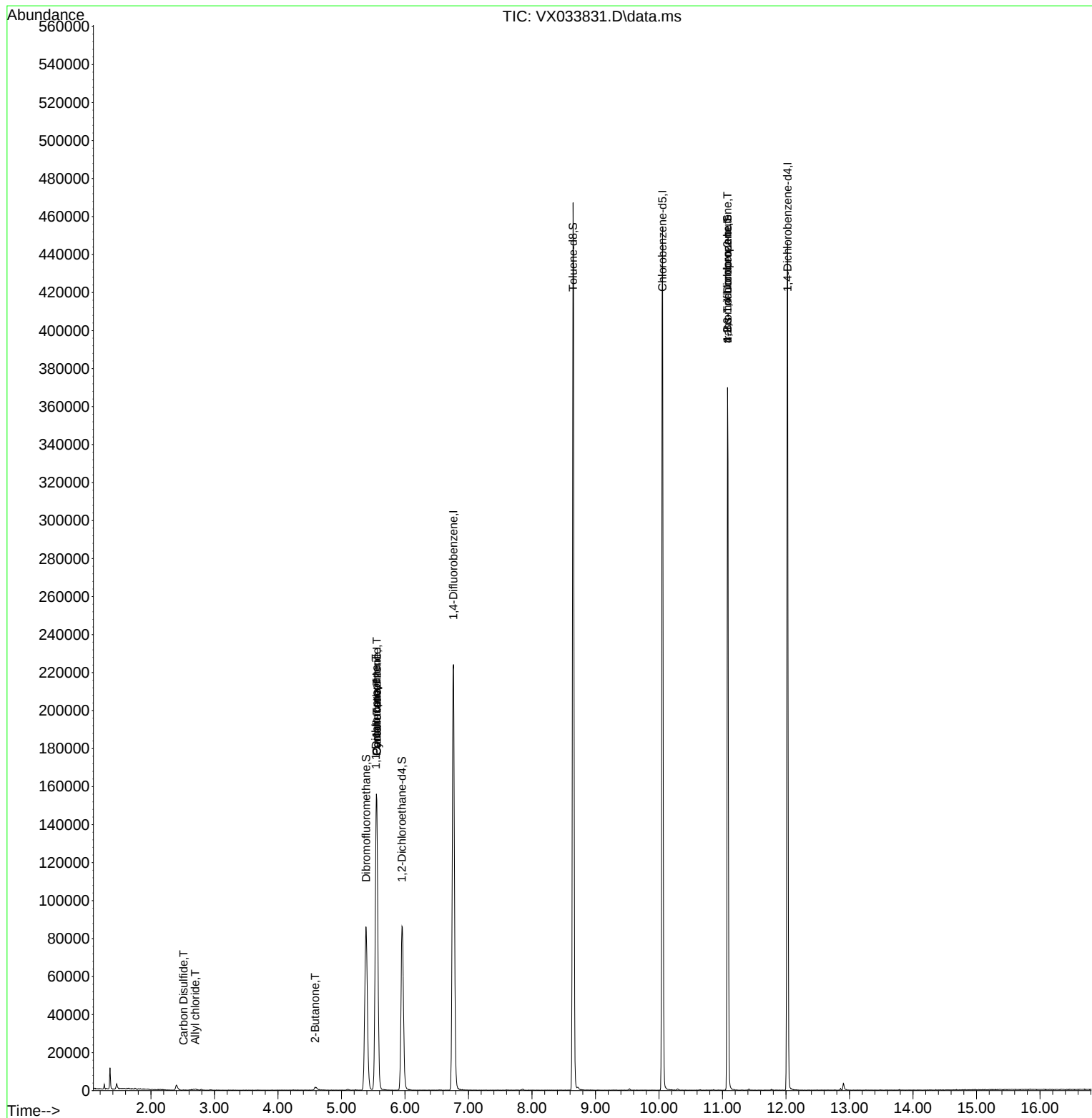
Internal Standards						
1) Pentafluorobenzene	5.556	168	171215	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	246680	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	220604	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	103612	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	83282	46.198	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.400%
35) Dibromofluoromethane	5.385	113	75437	49.249	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.500%
50) Toluene-d8	8.647	98	282380	50.597	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.200%
62) 4-Bromofluorobenzene	11.079	95	96633	46.635	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.280%
Target Compounds						
					Qvalue	
14) Allyl chloride	2.697	41	600	0.228	ug/l #	32
16) Acetone	2.398	43	4267	Below Cal		94
17) Carbon Disulfide	2.514	76	22	1.828	ug/l #	76
20) Methylene Chloride	2.800	84	191	Below Cal	#	56
25) 2-Butanone	4.587	43	3919	3.327	ug/l	98
31) Cyclohexane	5.556	56	2450	0.924	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	10196	4.561	ug/l #	49
37) Ethyl Acetate	4.587	43	3919	Below Cal	#	68
38) Carbon Tetrachloride	5.556	117	14646	6.326	ug/l #	15
73) Isopropylbenzene	11.079	105	97	Below Cal	#	48
75) 1,1,2,2-Tetrachloroethane	11.073	83	19	Below Cal	#	1
76) 1,2,3-Trichloropropane	11.079	75	45954	24.139	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	45954	75.022	ug/l #	8

(#) = 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

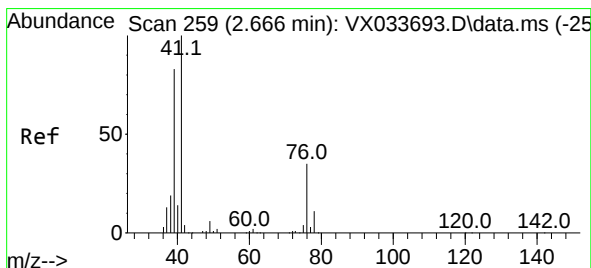
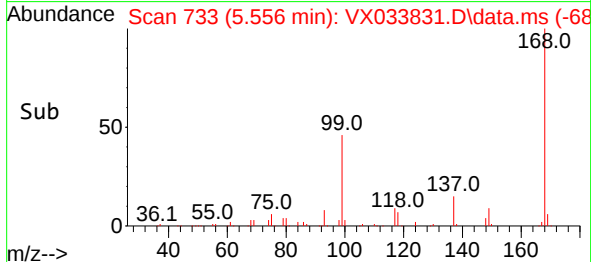
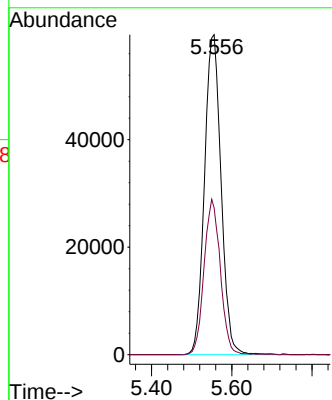
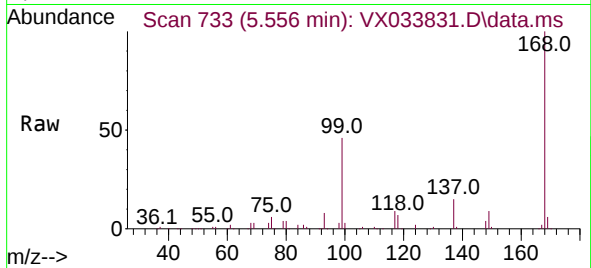




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX033831.D
Acq: 20 Jan 2023 16:17

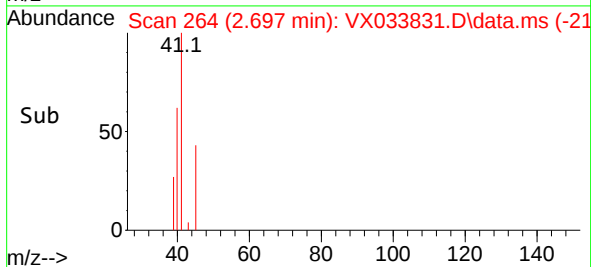
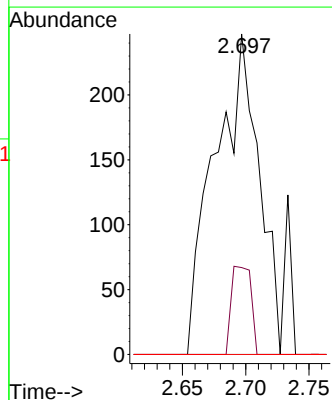
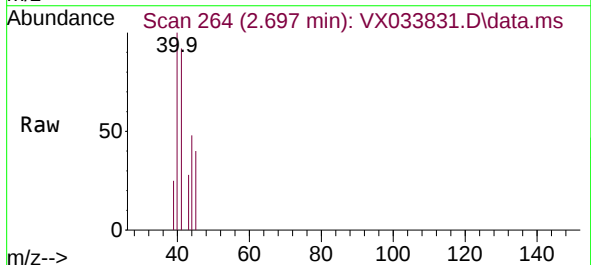
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10-EB-20230119

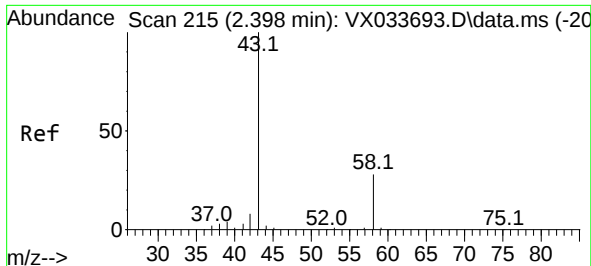
Tgt Ion:168 Resp: 171215
Ion Ratio Lower Upper
168 100
99 45.9 39.6 59.4



#14
Allyl chloride
Concen: 0.228 ug/l
RT: 2.697 min Scan# 264
Delta R.T. 0.030 min
Lab File: VX033831.D
Acq: 20 Jan 2023 16:17

Tgt Ion: 41 Resp: 600
Ion Ratio Lower Upper
41 100
39 12.2 59.0 88.4#
76 0.0 24.6 37.0#

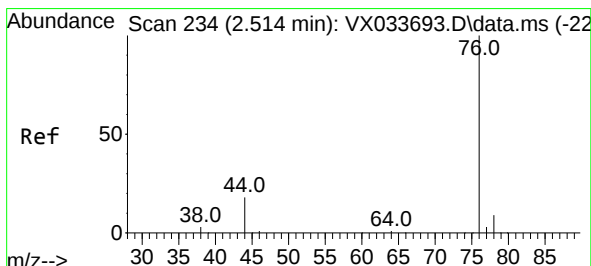
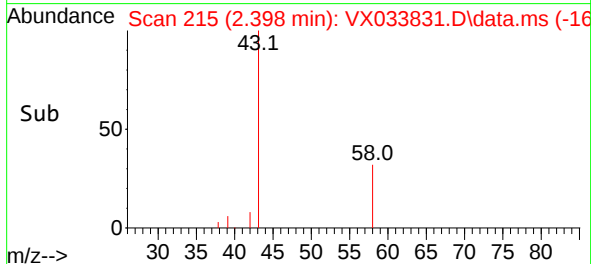
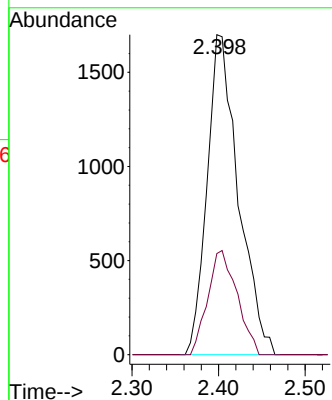
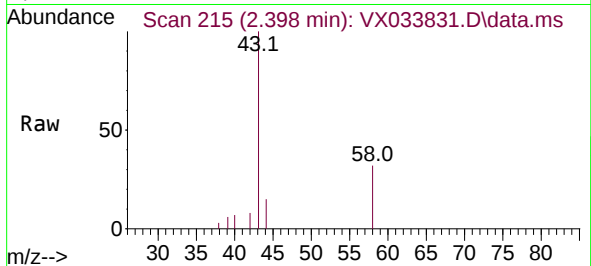




#16
Acetone
Concen: Below Cal
RT: 2.398 min Scan# 215
Delta R.T. 0.000 min
Lab File: VX033831.D
Acq: 20 Jan 2023 16:17

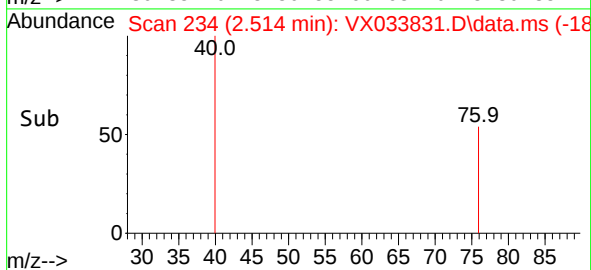
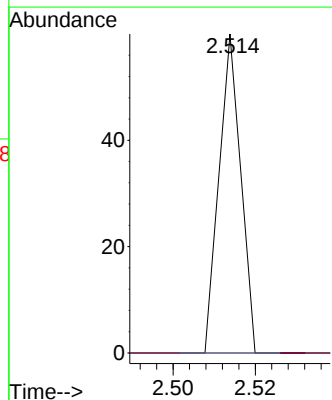
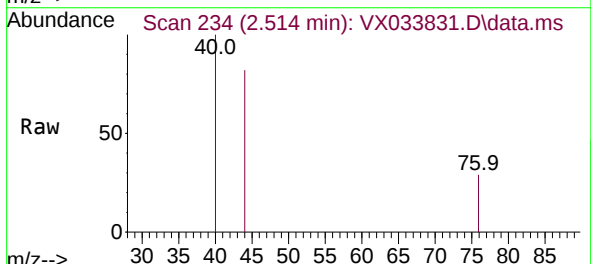
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10-EB-20230119

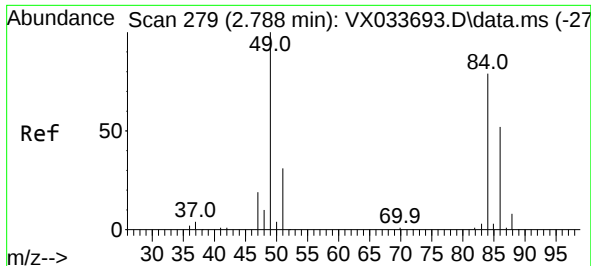
Tgt Ion: 43 Resp: 4267
Ion Ratio Lower Upper
43 100
58 31.6 22.6 33.8



#17
Carbon Disulfide
Concen: 1.828 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX033831.D
Acq: 20 Jan 2023 16:17

Tgt Ion: 76 Resp: 22
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#

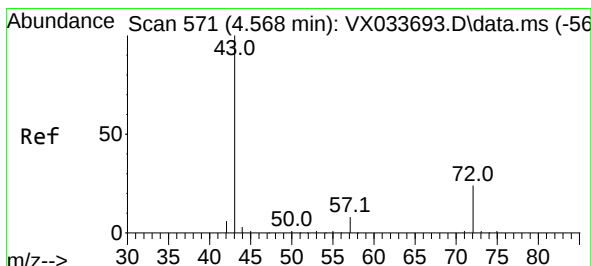
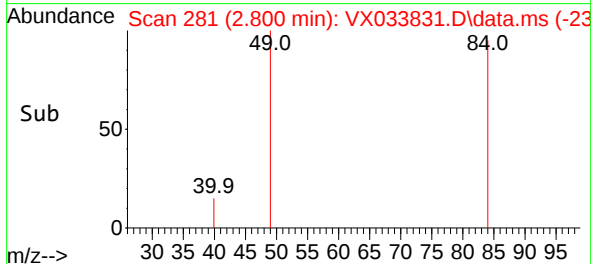
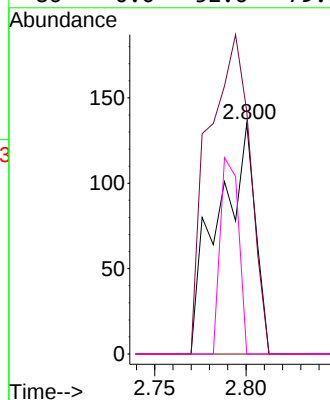
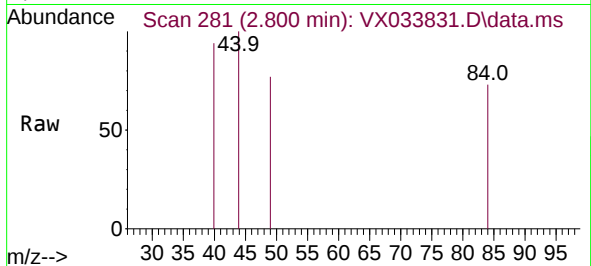




#20
Methylene Chloride
Concen: Below Cal
RT: 2.800 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX033831.D
Acq: 20 Jan 2023 16:17

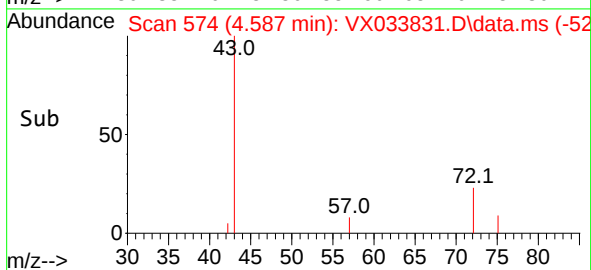
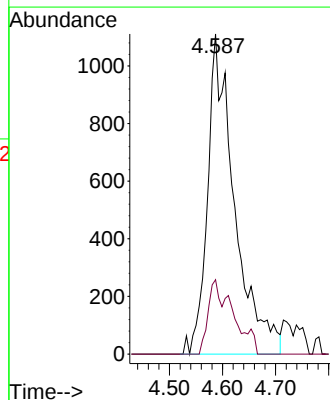
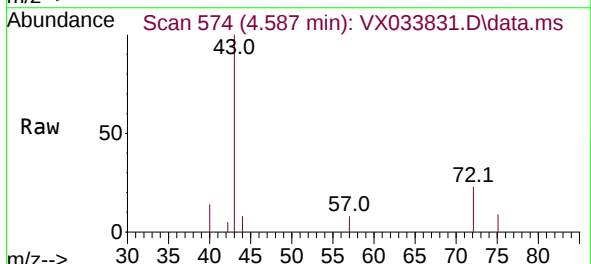
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10-EB-20230119

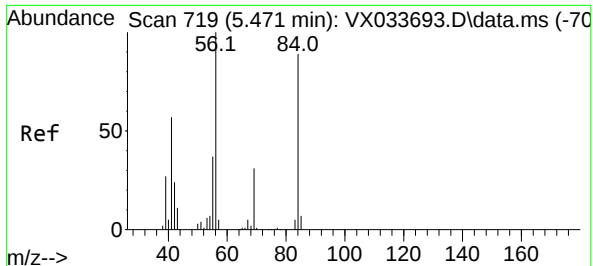
Tgt Ion: 84	Resp: 191
Ion Ratio	Lower Upper
84 100	
49 105.2	101.1 151.7
51 0.0	31.0 46.6#
86 0.0	52.6 79.0#



#25
2-Butanone
Concen: 3.327 ug/l
RT: 4.587 min Scan# 574
Delta R.T. 0.018 min
Lab File: VX033831.D
Acq: 20 Jan 2023 16:17

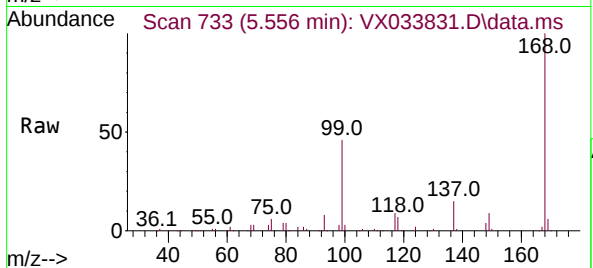
Tgt Ion: 43	Resp: 3919
Ion Ratio	Lower Upper
43 100	
72 23.2	19.4 29.2



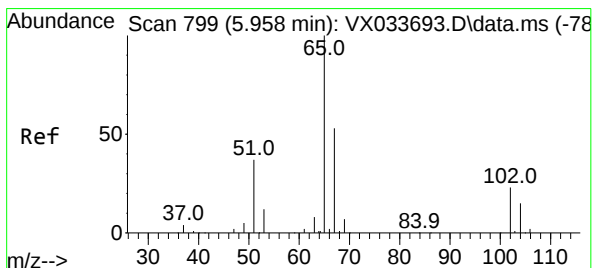
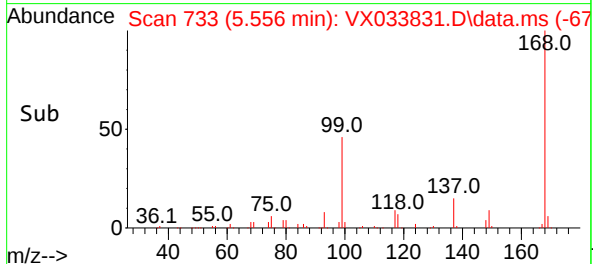
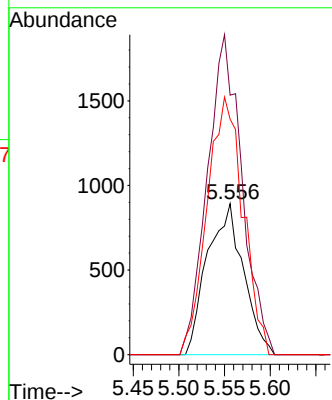


#31
Cyclohexane
Concen: 0.924 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX033831.D
Acq: 20 Jan 2023 16:17

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10-EB-20230119

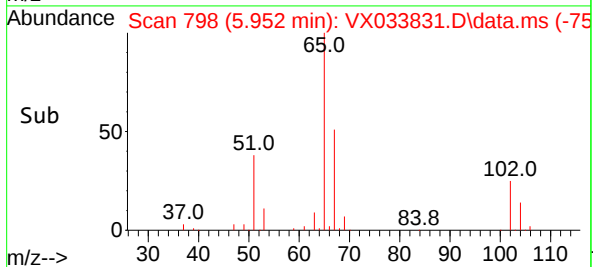
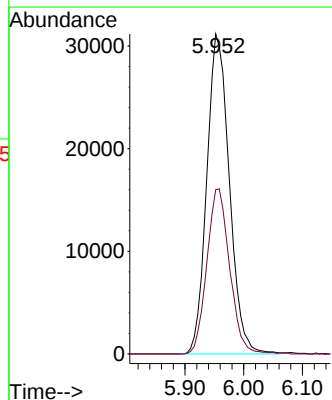
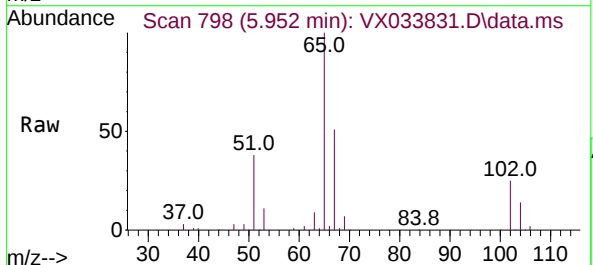


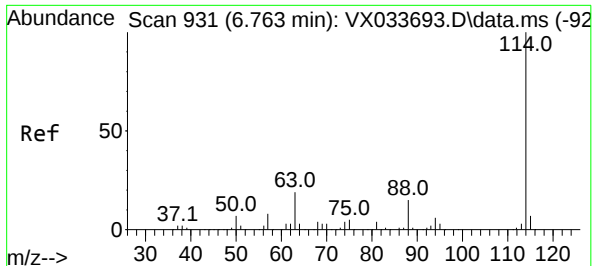
Tgt Ion: 56 Resp: 2450
Ion Ratio Lower Upper
56 100
69 172.0 24.6 37.0#
84 156.1 71.0 106.6#



#33
1,2-Dichloroethane-d4
Concen: 46.198 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX033831.D
Acq: 20 Jan 2023 16:17

Tgt Ion: 65 Resp: 83282
Ion Ratio Lower Upper
65 100
67 52.2 0.0 104.8

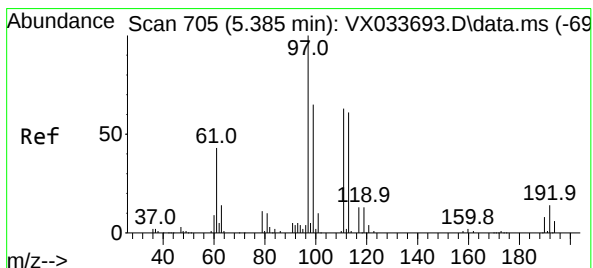
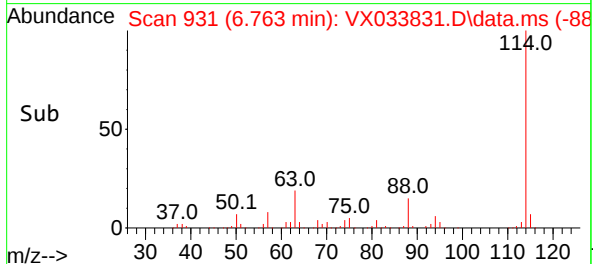
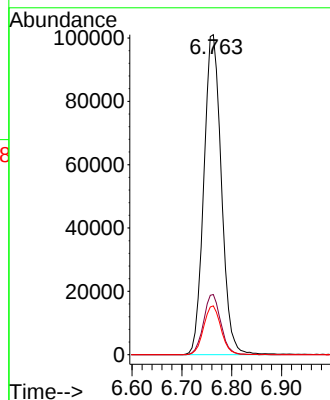
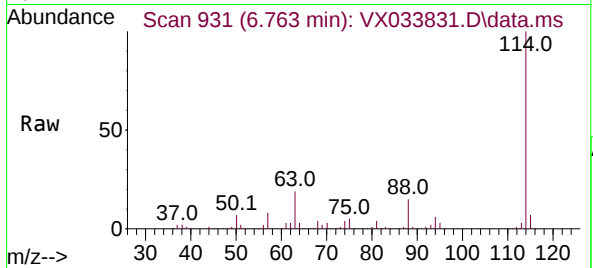




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX033831.D
Acq: 20 Jan 2023 16:17

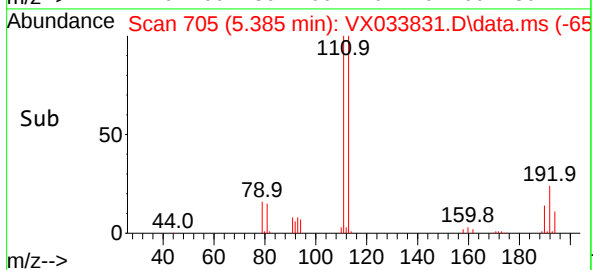
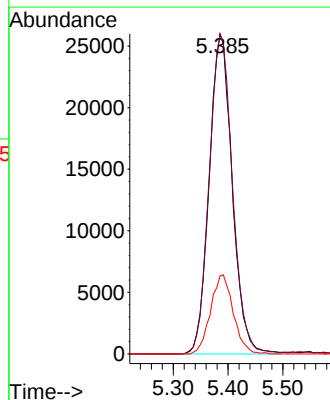
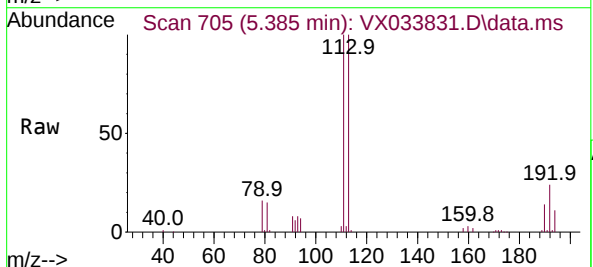
Instrument :
MSVOA_X
ClientSampleId :
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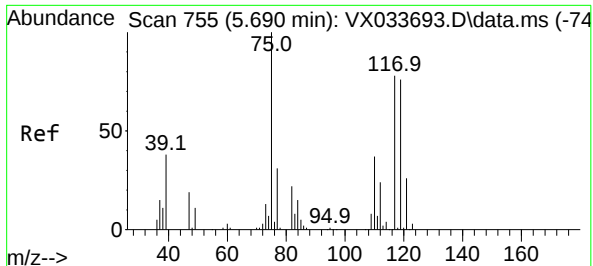
Tgt Ion:114 Resp: 246680
Ion Ratio Lower Upper
114 100
63 18.8 0.0 37.4
88 15.2 0.0 30.6



#35
Dibromofluoromethane
Concen: 49.249 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX033831.D
Acq: 20 Jan 2023 16:17

Tgt Ion:113 Resp: 75437
Ion Ratio Lower Upper
113 100
111 101.5 83.0 124.6
192 24.5 19.0 28.4





#36

1,1-Dichloropropene

Concen: 4.561 ug/l

RT: 5.544 min Scan# 71

Delta R.T. -0.146 min

Lab File: VX033831.D

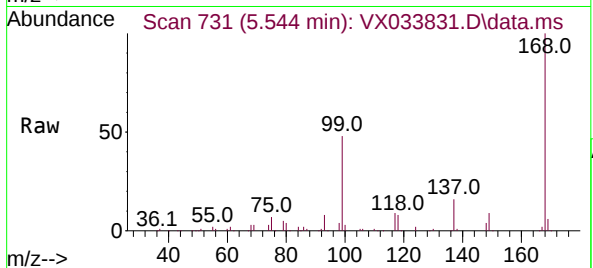
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Instrument :

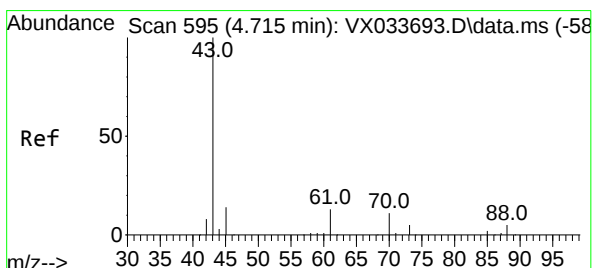
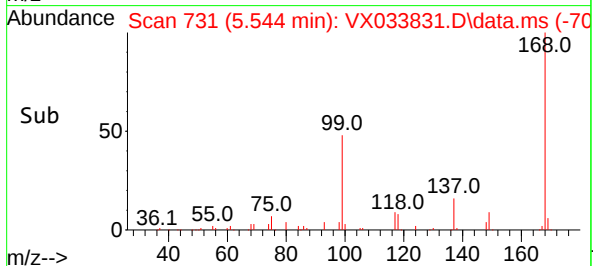
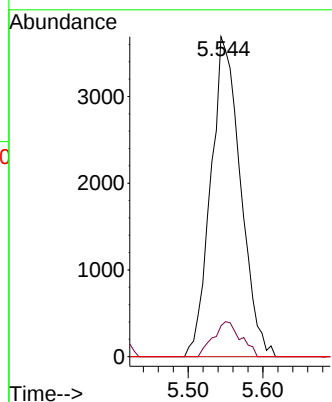
MSVOA_X

ClientSampleId :

BP-VPB-RW10-EB-20230119



Tgt Ion: 75	Resp: 10196
Ion Ratio	Lower Upper
75	100
110	10.1 18.8 56.4#
77	0.0 25.1 37.7#



#37

Ethyl Acetate

Concen: Below Cal

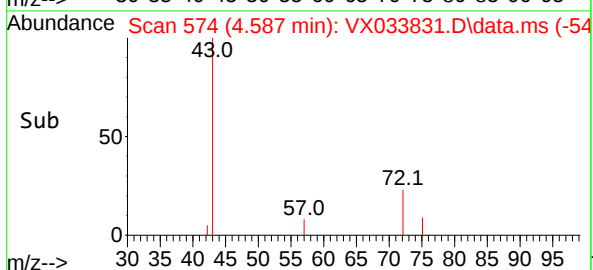
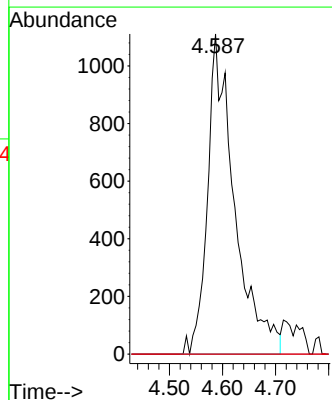
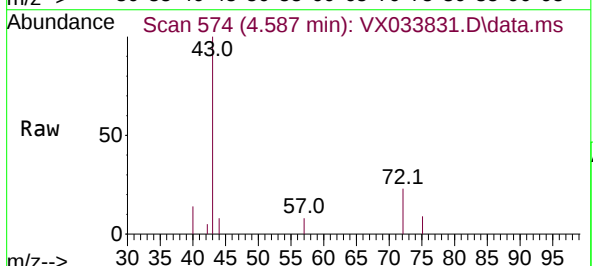
RT: 4.587 min Scan# 574

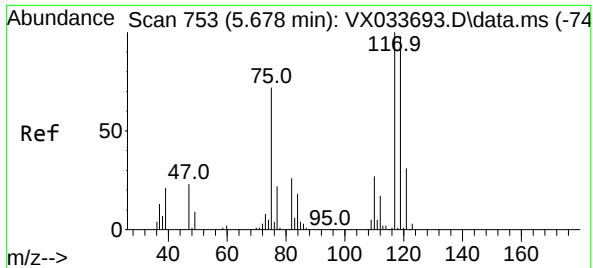
Delta R.T. -0.128 min

Lab File: VX033831.D

Acq: 20 Jan 2023 16:17

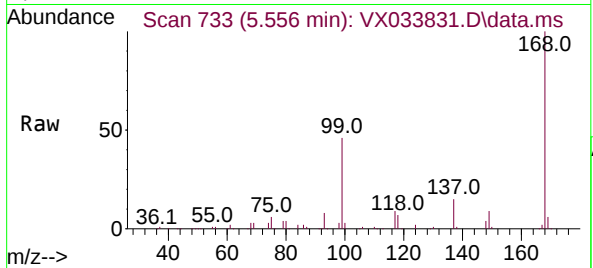
Tgt Ion: 43	Resp: 3919
Ion Ratio	Lower Upper
43	100
61	0.0 11.1 16.7#
70	0.0 8.5 12.7#



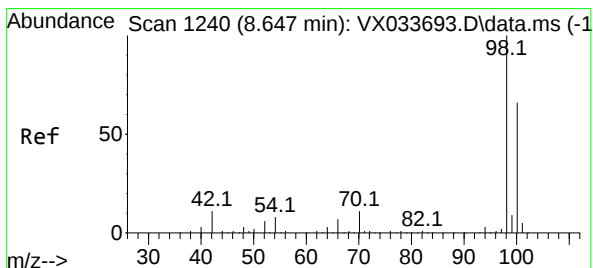
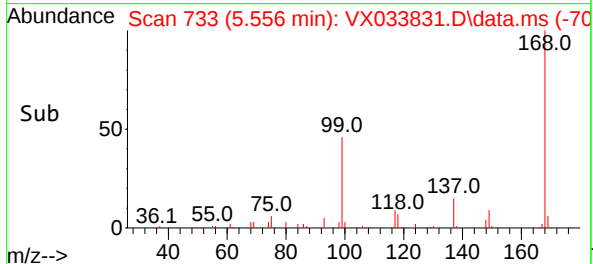
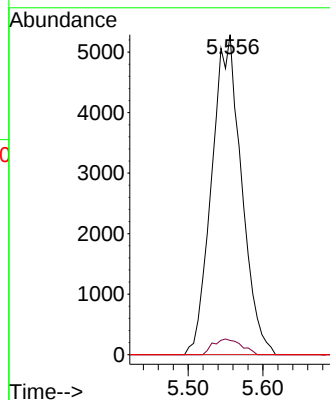


#38
Carbon Tetrachloride
Concen: 6.326 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX033831.D
Acq: 20 Jan 2023 16:17

Instrument :
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ClientSampleId :
BP-VPB-RW10-EB-20230119

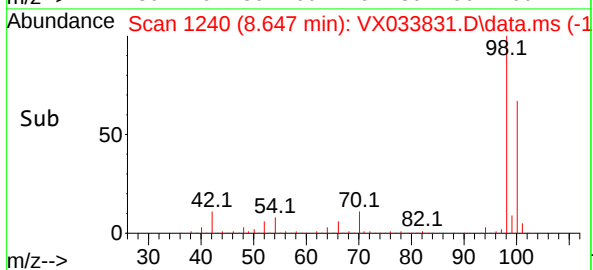
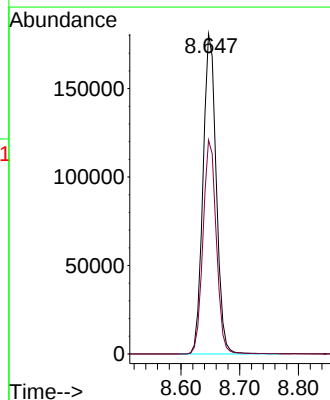
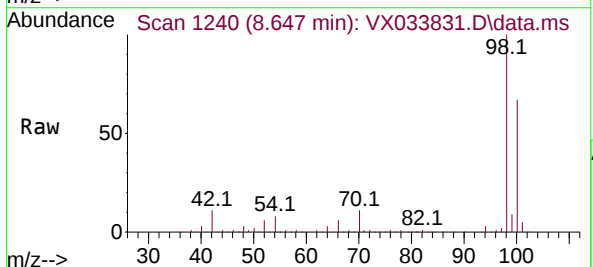


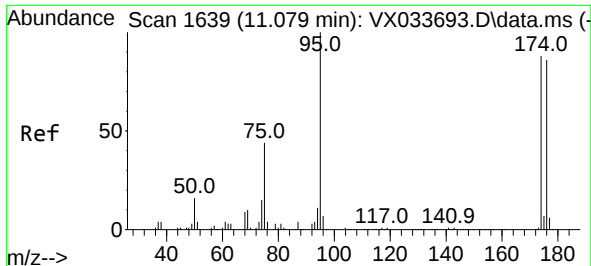
Tgt Ion:117 Resp: 14646
Ion Ratio Lower Upper
117 100
119 4.4 78.0 117.0#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 50.597 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX033831.D
Acq: 20 Jan 2023 16:17

Tgt Ion: 98 Resp: 282380
Ion Ratio Lower Upper
98 100
100 67.0 53.6 80.4





#62

4-Bromofluorobenzene

Concen: 46.635 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX033831.D

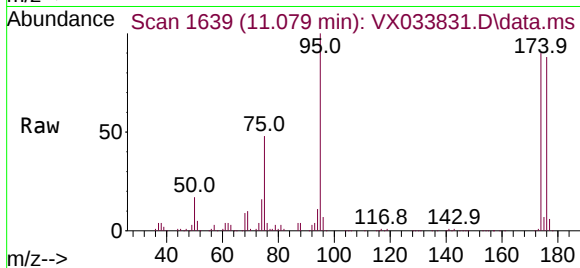
Acq: 20 Jan 2023 16:17

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-RW10-EB-20230119



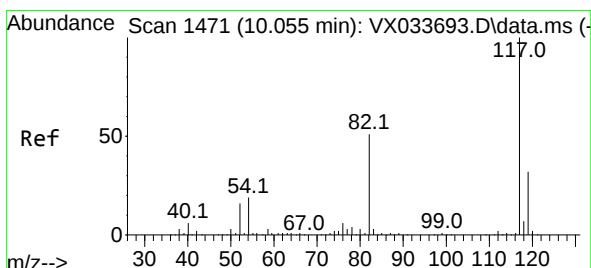
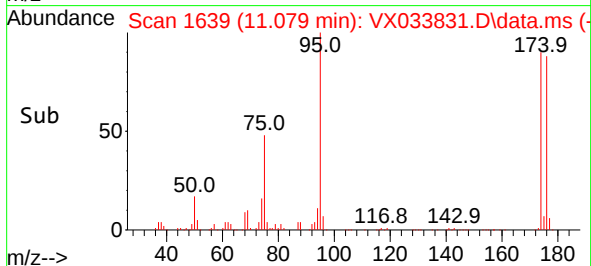
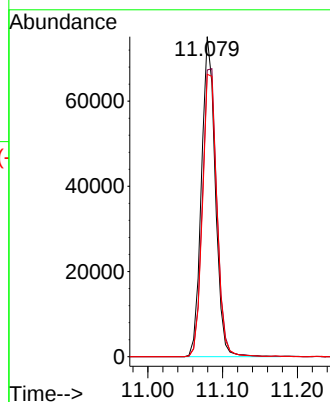
Tgt Ion: 95 Resp: 96633

Ion Ratio Lower Upper

95 100

174 94.6 0.0 184.4

176 92.0 0.0 178.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX033831.D

Acq: 20 Jan 2023 16:17

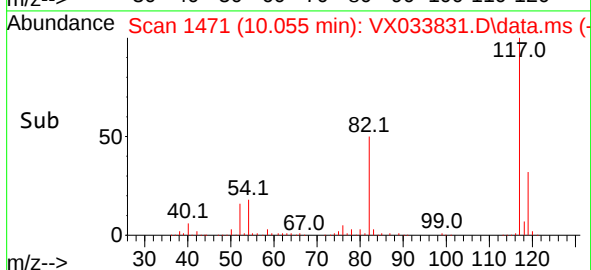
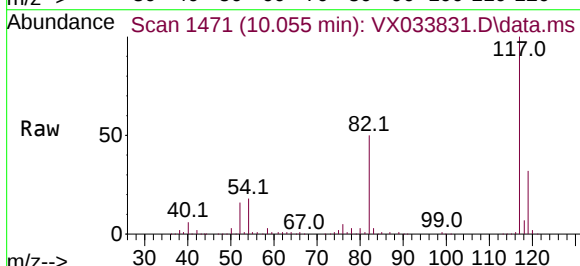
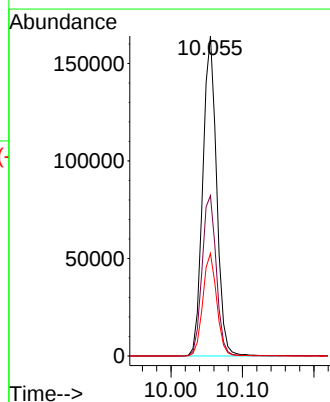
Tgt Ion: 117 Resp: 220604

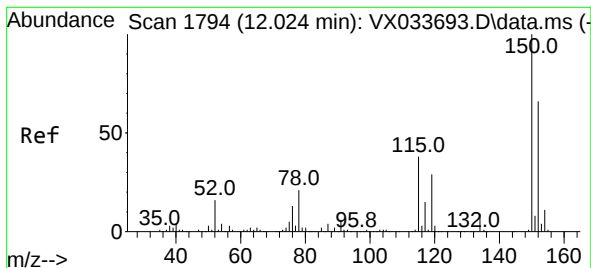
Ion Ratio Lower Upper

117 100

82 50.1 40.6 60.8

119 32.1 25.6 38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX033831.D

Acq: 20 Jan 2023 16:17

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-RW10-EB-20230119

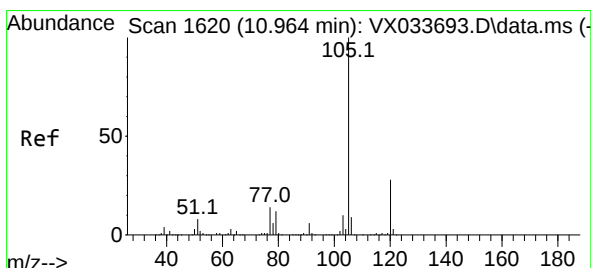
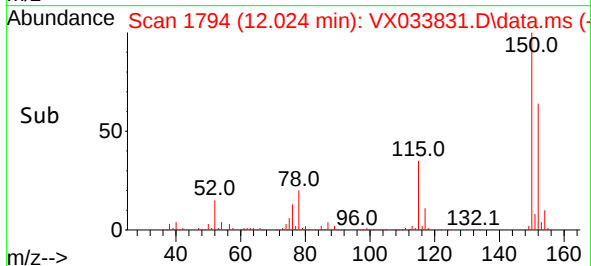
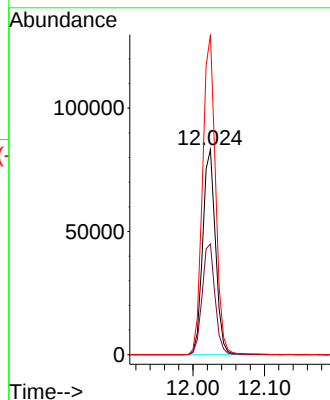
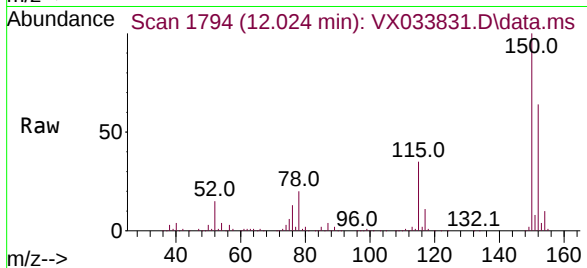
Tgt Ion:152 Resp: 103612

Ion Ratio Lower Upper

152 100

115 54.3 38.7 116.1

150 157.3 0.0 348.2



#73

Isopropylbenzene

Concen: Below Cal

RT: 11.079 min Scan# 1639

Delta R.T. 0.115 min

Lab File: VX033831.D

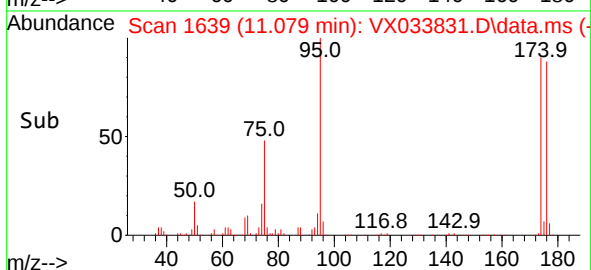
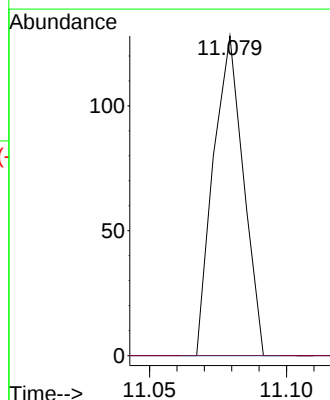
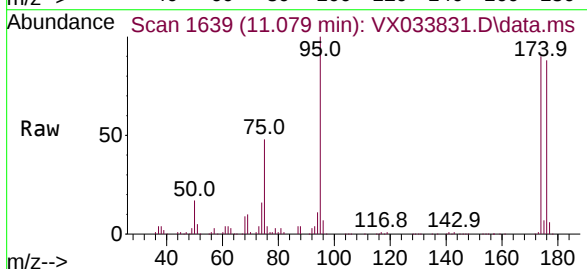
Acq: 20 Jan 2023 16:17

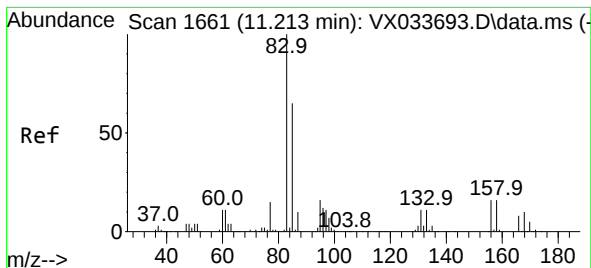
Tgt Ion:105 Resp: 97

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: VX033831.D

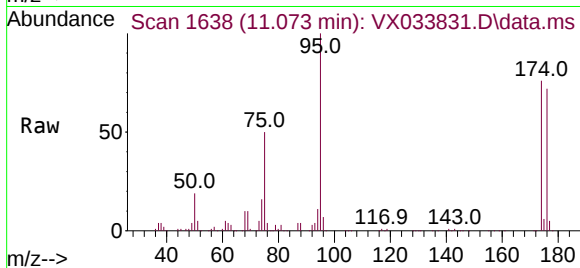
Acq: 20 Jan 2023 16:17

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-RW10-EB-20230119



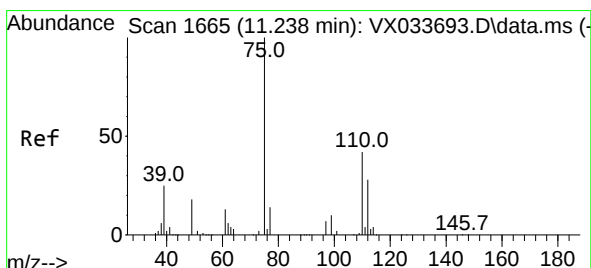
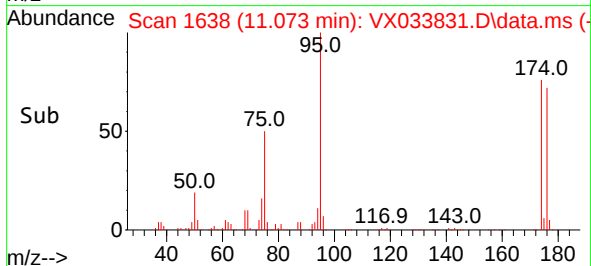
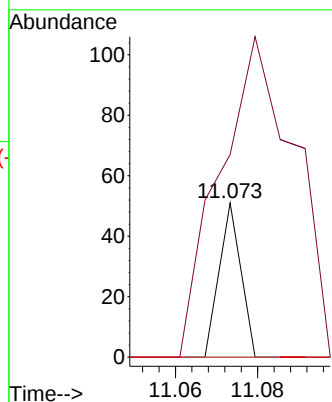
Tgt Ion: 83 Resp: 19

Ion Ratio Lower Upper

83 100

131 705.3 5.5 16.7#

85 0.0 32.3 96.9#



#76

1,2,3-Trichloropropane

Concen: 24.139 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX033831.D

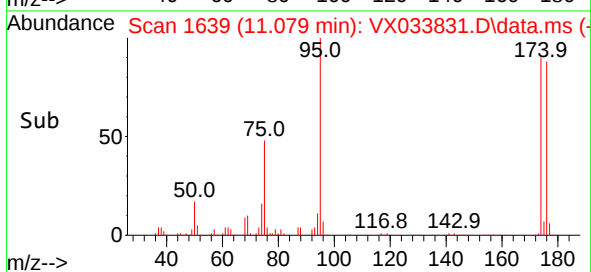
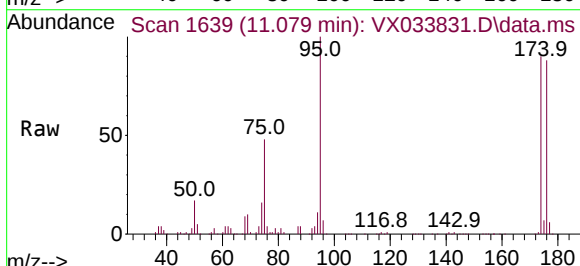
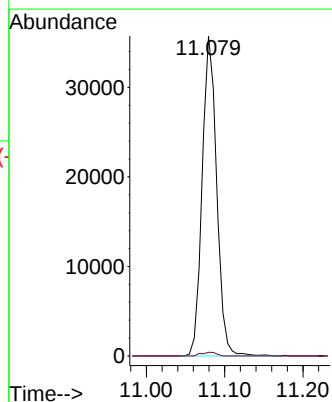
Acq: 20 Jan 2023 16:17

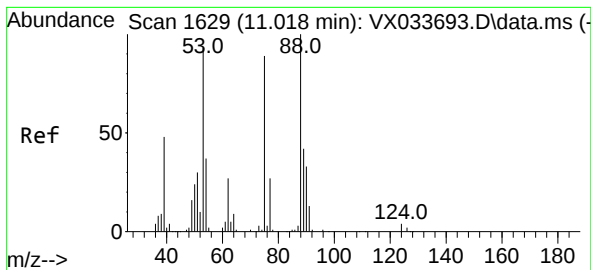
Tgt Ion: 75 Resp: 45954

Ion Ratio Lower Upper

75 100

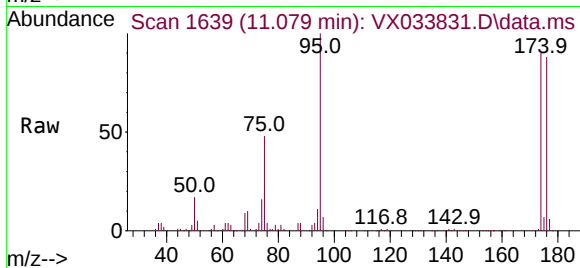
77 1.2 21.8 65.4#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 75.022 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX033831.D
 Acq: 20 Jan 2023 16:17

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-RW10-EB-20230119



Tgt Ion: 75 Resp: 45954
 Ion Ratio Lower Upper
 75 100
 53 0.0 83.0 124.6#
 89 0.0 37.7 56.5#

