

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012023\
 Data File : VX033828.D
 Acq On : 20 Jan 2023 15:07
 Operator : JC/MD
 Sample : 01242-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-RW10-GW-283-285

Quant Time: Jan 21 04:45:05 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)

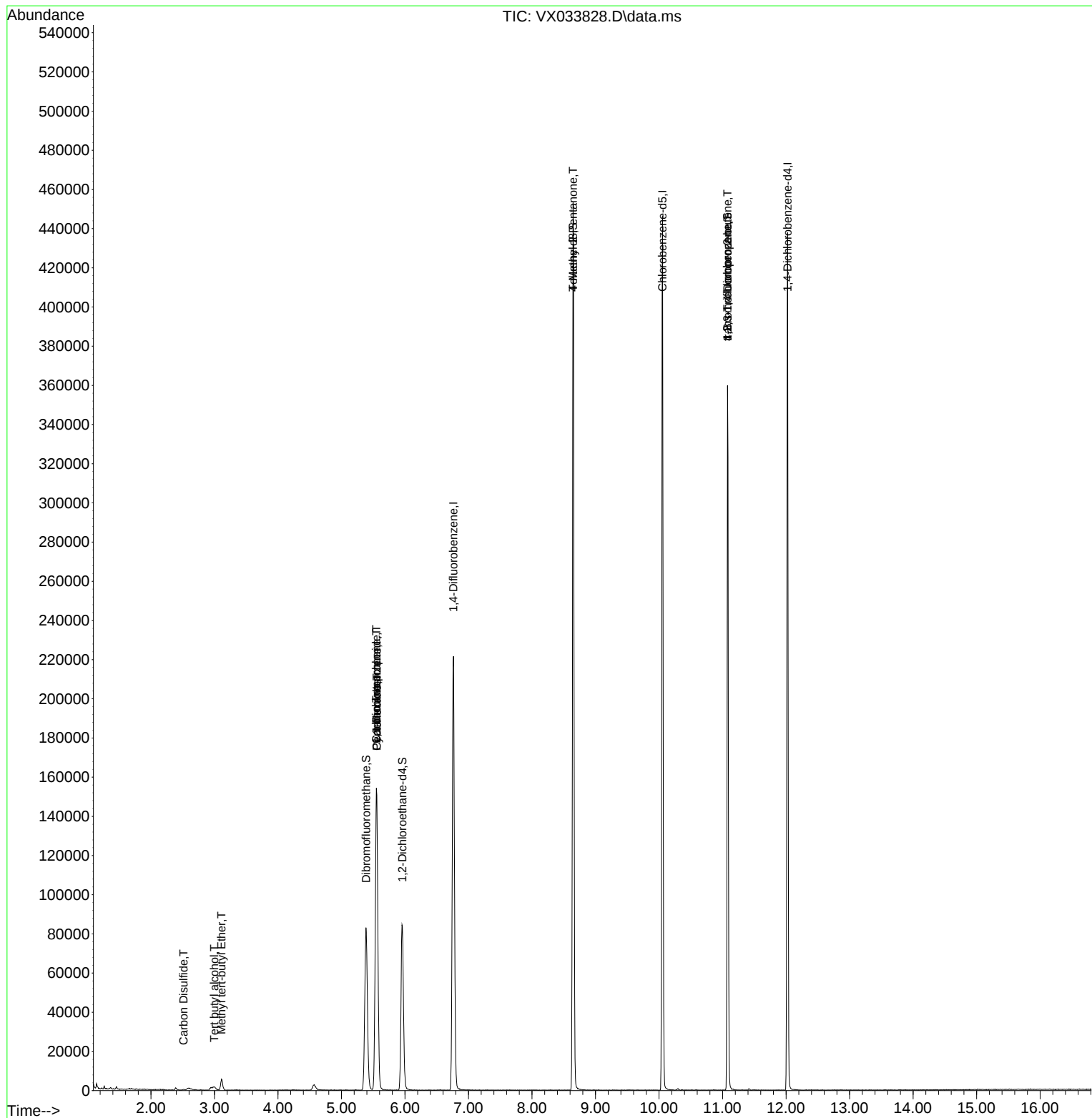
Internal Standards						
1) Pentafluorobenzene	5.556	168	167192	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	241466	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	213716	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	101870	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	81340	46.206	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.420%
35) Dibromofluoromethane	5.385	113	74475	49.671	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.340%
50) Toluene-d8	8.647	98	275539	50.437	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.880%
62) 4-Bromofluorobenzene	11.079	95	94036	46.362	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.720%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.995	59	3281	10.729	ug/l #	96
16) Acetone	2.386	43	1655	Below Cal		95
17) Carbon Disulfide	2.514	76	538	1.973	ug/l #	76
19) Methyl tert-butyl Ether	3.111	73	5770	1.221	ug/l	95
20) Methylene Chloride	2.782	84	57	Below Cal	#	37
31) Cyclohexane	5.556	56	2592	1.001	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	10236	4.678	ug/l #	48
37) Ethyl Acetate	4.605	43	112	Below Cal	#	84
38) Carbon Tetrachloride	5.550	117	14124	6.232	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	1127	0.531	ug/l #	1
73) Isopropylbenzene	10.969	105	60	Below Cal	#	48
76) 1,2,3-Trichloropropane	11.079	75	43237	23.100	ug/l #	34
79) 2-Chlorotoluene	11.311	91	54	Below Cal	#	39
81) trans-1,4-Dichloro-2-b...	11.079	75	43237	71.793	ug/l #	8
82) 4-Chlorotoluene	11.463	91	43	Below Cal	#	43

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012023\
Data File : VX033828.D
Acq On : 20 Jan 2023 15:07
Operator : JC/MD
Sample : 01242-11
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10-GW-283-285

Quant Time: Jan 21 04:45:05 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

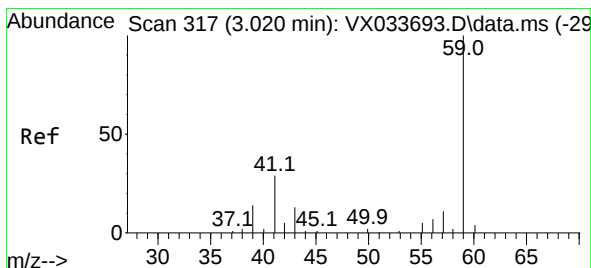
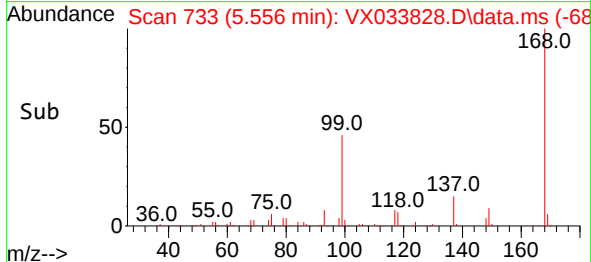
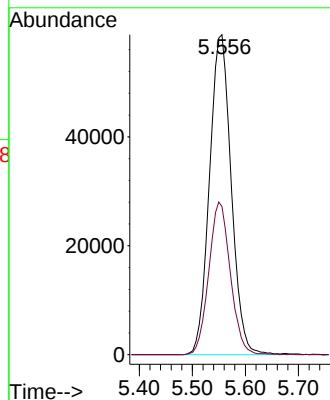
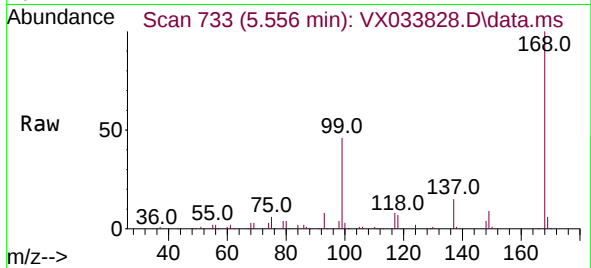




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX033828.D
Acq: 20 Jan 2023 15:07

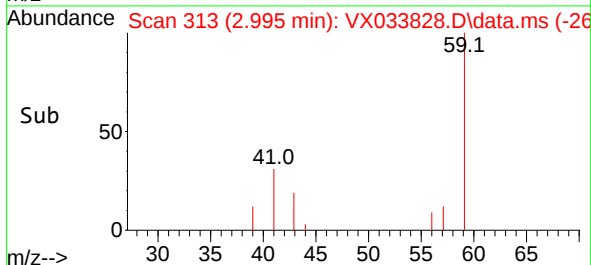
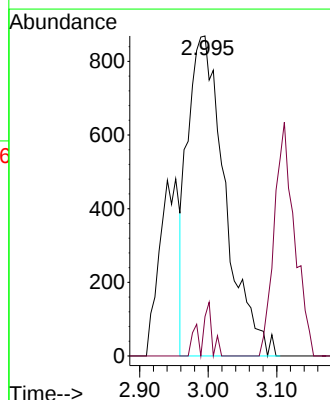
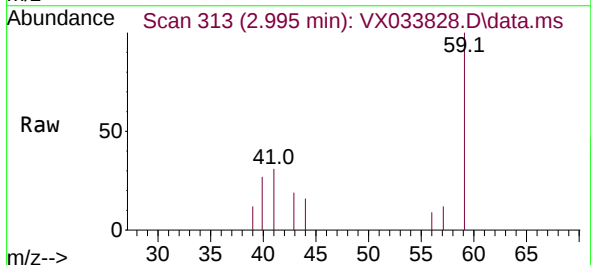
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10-GW-283-285

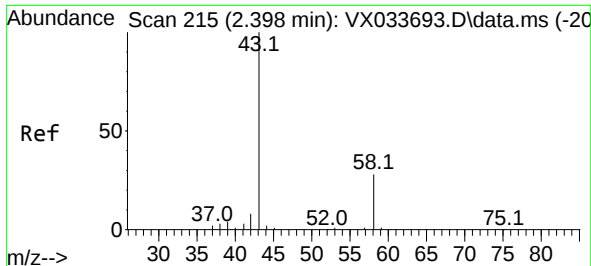
Tgt Ion:168 Resp: 167192
Ion Ratio Lower Upper
168 100
99 46.3 39.6 59.4



#11
Tert butyl alcohol
Concen: 10.729 ug/l
RT: 2.995 min Scan# 313
Delta R.T. -0.025 min
Lab File: VX033828.D
Acq: 20 Jan 2023 15:07

Tgt Ion: 59 Resp: 3281
Ion Ratio Lower Upper
59 100
57 3.4 3.7 5.5#

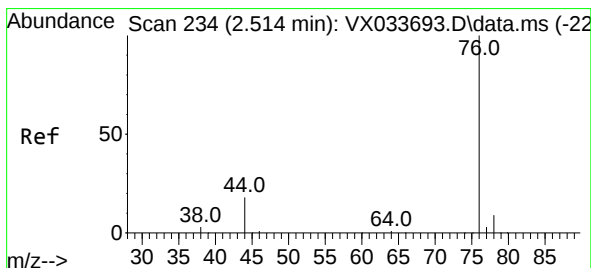
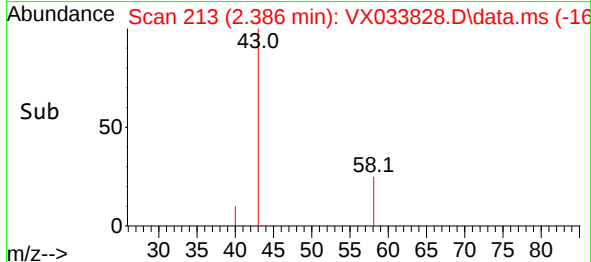
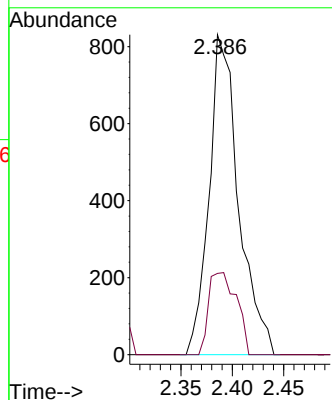
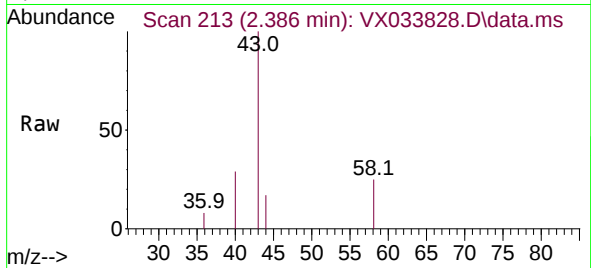




#16
Acetone
Concen: Below Cal
RT: 2.386 min Scan# 215
Delta R.T. -0.012 min
Lab File: VX033828.D
Acq: 20 Jan 2023 15:07

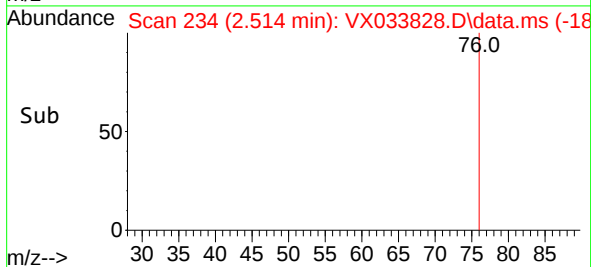
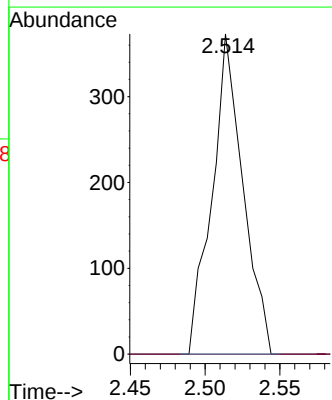
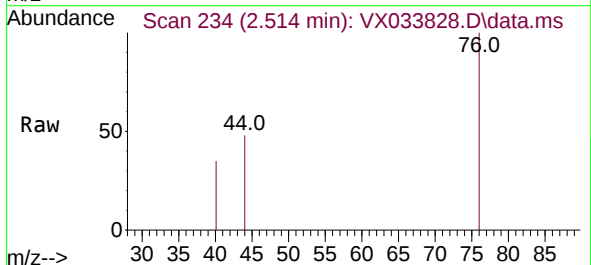
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10-GW-283-285

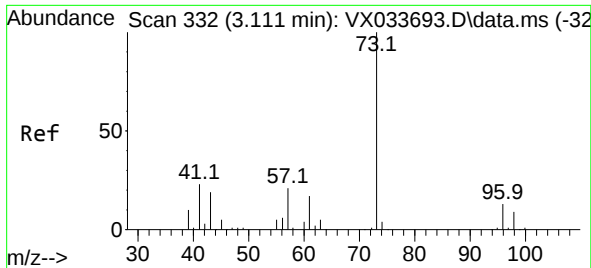
Tgt Ion: 43 Resp: 1655
Ion Ratio Lower Upper
43 100
58 25.4 22.6 33.8



#17
Carbon Disulfide
Concen: 1.973 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX033828.D
Acq: 20 Jan 2023 15:07

Tgt Ion: 76 Resp: 538
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#

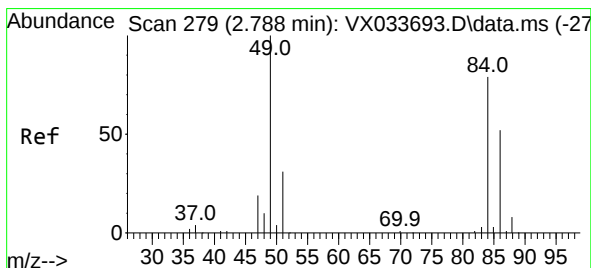
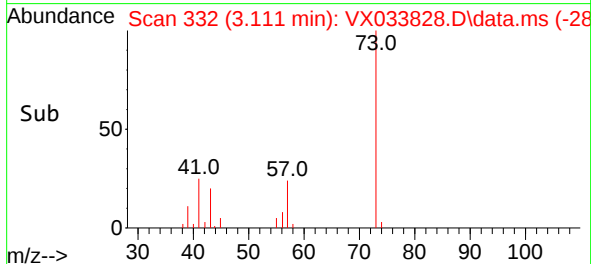
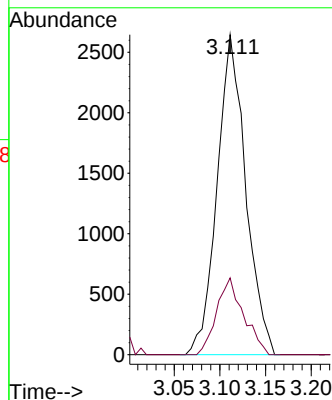
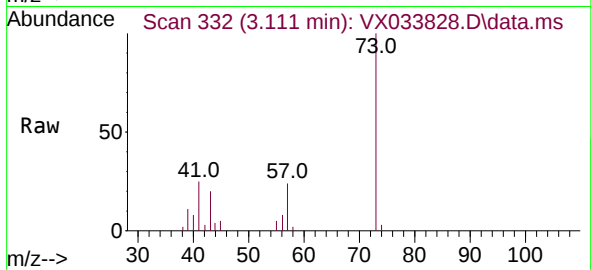




#19
Methyl tert-butyl Ether
Concen: 1.221 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX033828.D
Acq: 20 Jan 2023 15:07

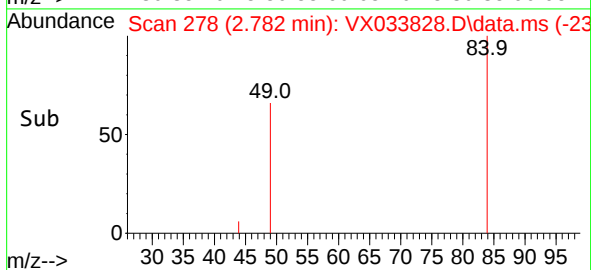
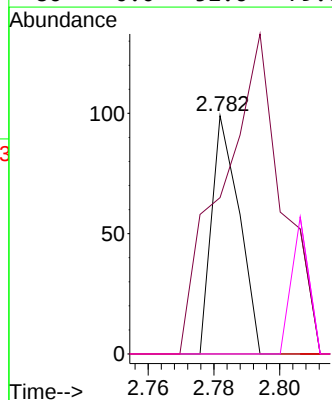
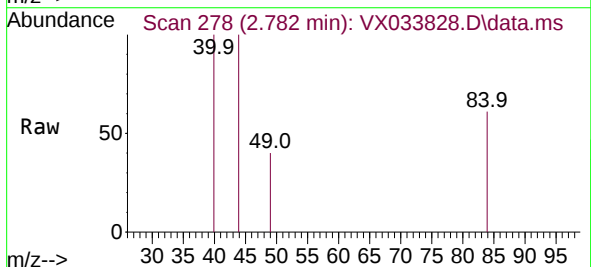
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10-GW-283-285

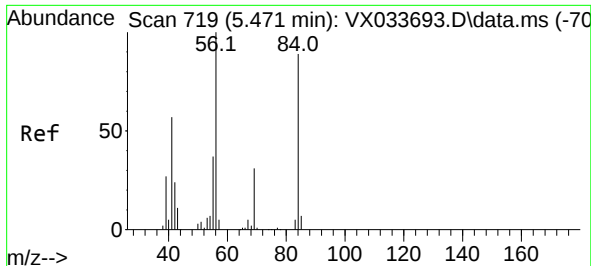
Tgt Ion: 73 Resp: 5770
Ion Ratio Lower Upper
73 100
57 24.0 17.4 26.0



#20
Methylene Chloride
Concen: Below Cal
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX033828.D
Acq: 20 Jan 2023 15:07

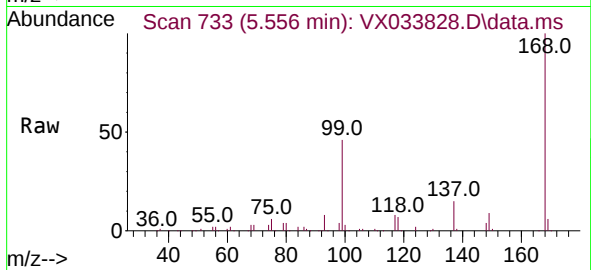
Tgt Ion: 84 Resp: 57
Ion Ratio Lower Upper
84 100
49 65.7 101.1 151.7#
51 0.0 31.0 46.6#
86 0.0 52.6 79.0#



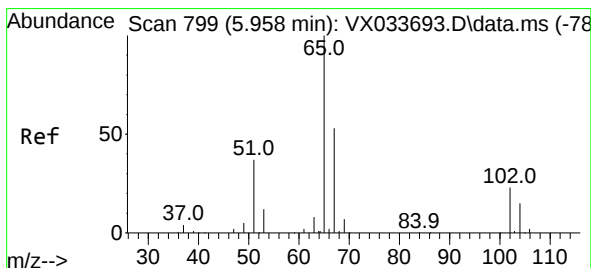
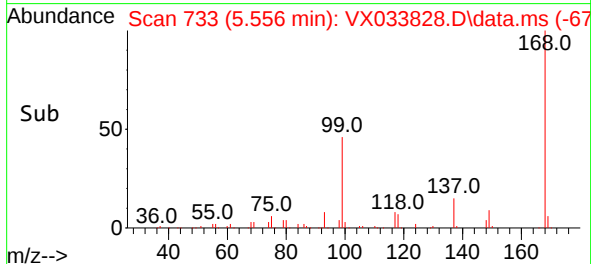
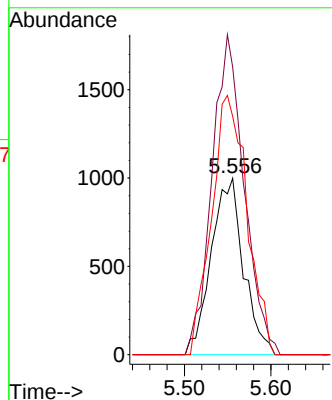


#31
Cyclohexane
Concen: 1.001 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX033828.D
Acq: 20 Jan 2023 15:07

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10-GW-283-285

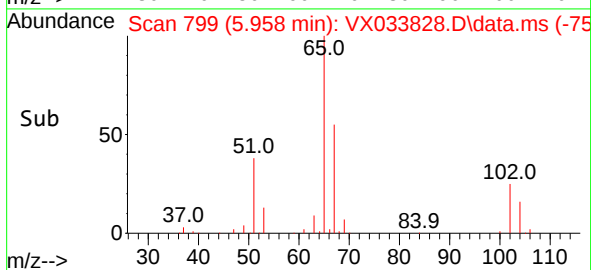
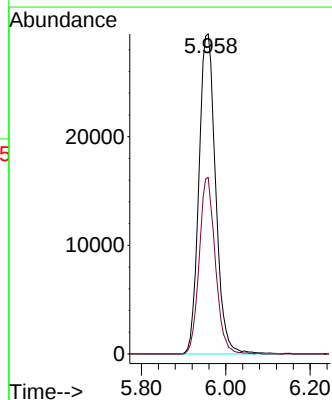
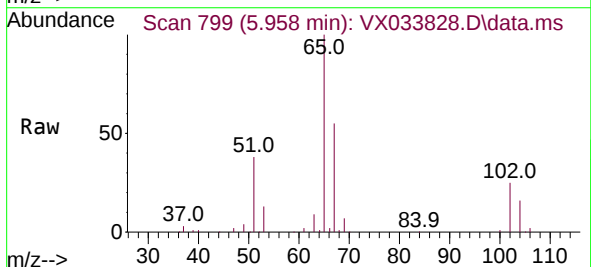


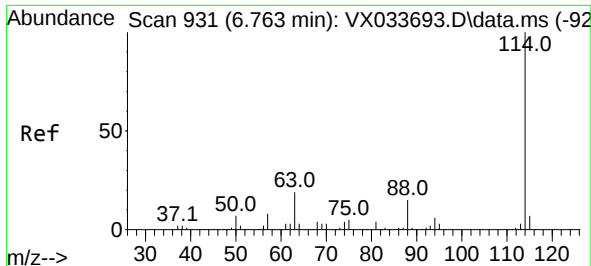
Tgt Ion: 56 Resp: 2592
Ion Ratio Lower Upper
56 100
69 163.0 24.6 37.0#
84 135.0 71.0 106.6#



#33
1,2-Dichloroethane-d4
Concen: 46.206 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX033828.D
Acq: 20 Jan 2023 15:07

Tgt Ion: 65 Resp: 81340
Ion Ratio Lower Upper
65 100
67 53.1 0.0 104.8

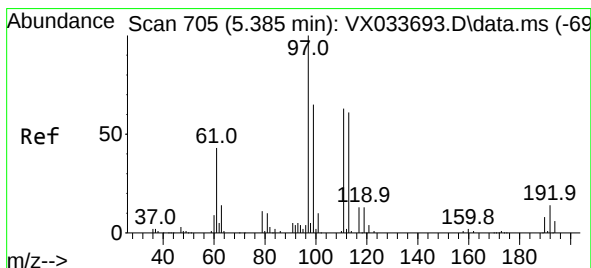
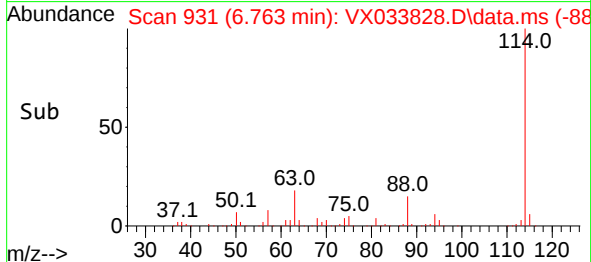
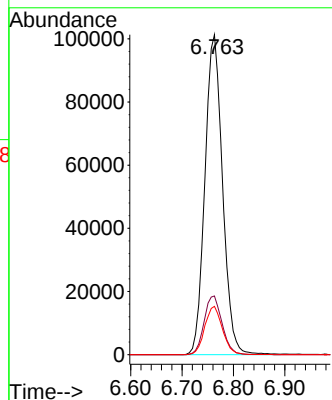
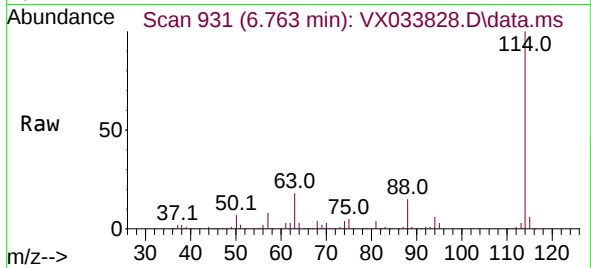




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX033828.D
Acq: 20 Jan 2023 15:07

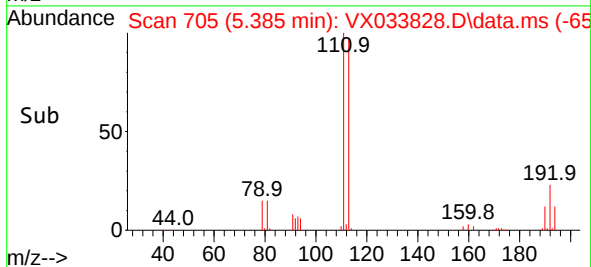
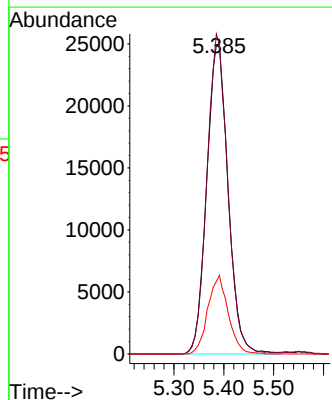
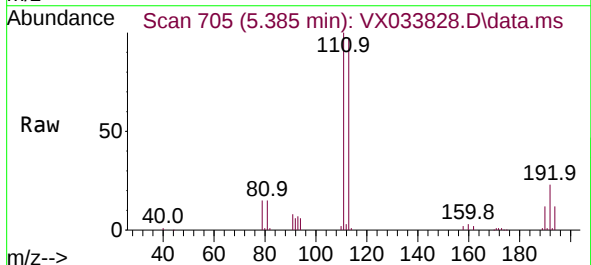
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10-GW-283-285

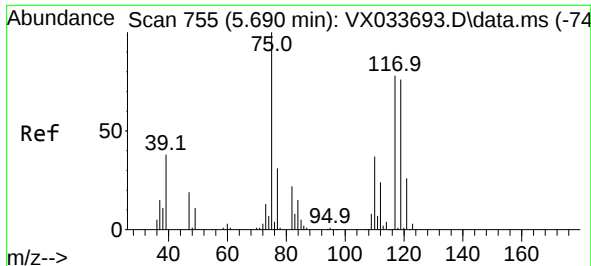
Tgt Ion:114 Resp: 241466
Ion Ratio Lower Upper
114 100
63 18.4 0.0 37.4
88 15.1 0.0 30.6



#35
Dibromofluoromethane
Concen: 49.671 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX033828.D
Acq: 20 Jan 2023 15:07

Tgt Ion:113 Resp: 74475
Ion Ratio Lower Upper
113 100
111 100.2 83.0 124.6
192 24.1 19.0 28.4





#36

1,1-Dichloropropene

Concen: 4.678 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.140 min

Lab File: VX033828.D

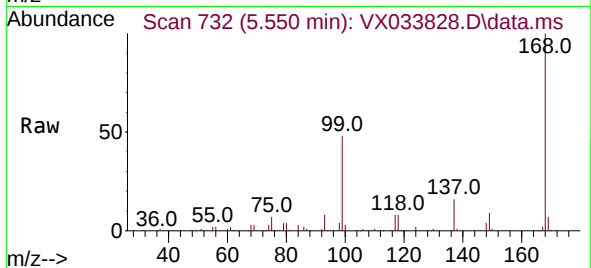
Acq: 20 Jan 2023 15:07

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-RW10-GW-283-285



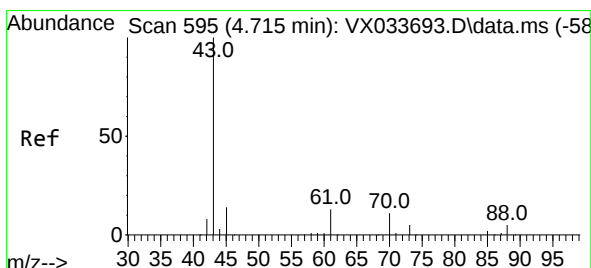
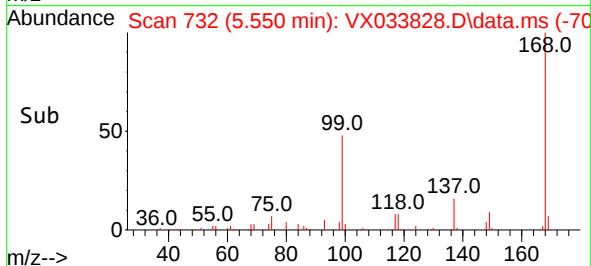
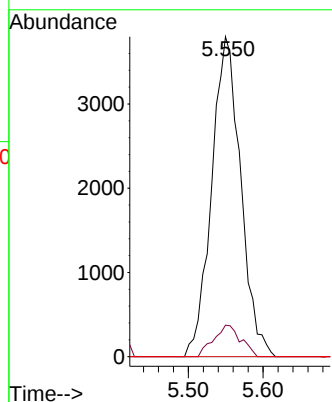
Tgt Ion: 75 Resp: 10236

Ion Ratio Lower Upper

75 100

110 9.2 18.8 56.4#

77 0.0 25.1 37.7#



#37

Ethyl Acetate

Concen: Below Cal

RT: 4.605 min Scan# 577

Delta R.T. -0.110 min

Lab File: VX033828.D

Acq: 20 Jan 2023 15:07

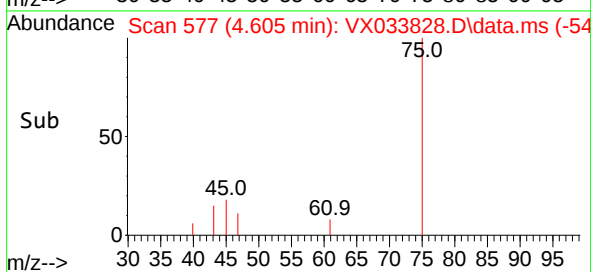
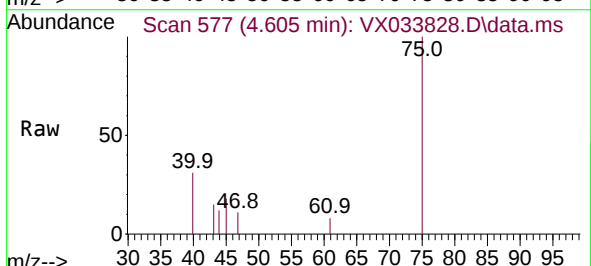
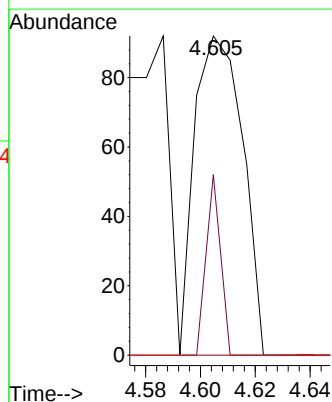
Tgt Ion: 43 Resp: 112

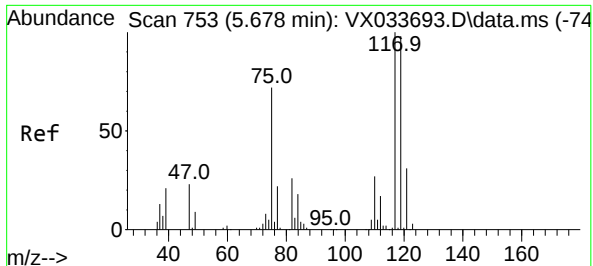
Ion Ratio Lower Upper

43 100

61 17.0 11.1 16.7#

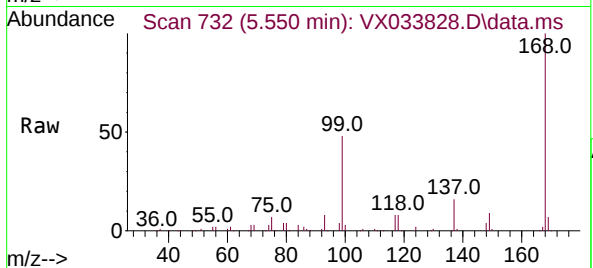
70 0.0 8.5 12.7#



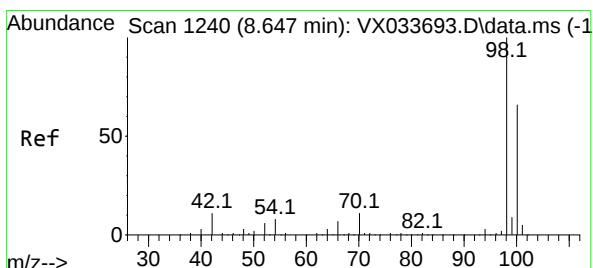
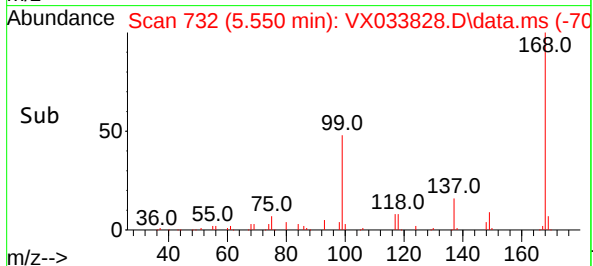
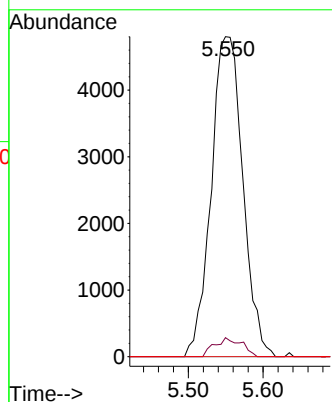


#38
Carbon Tetrachloride
Concen: 6.232 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX033828.D
Acq: 20 Jan 2023 15:07

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10-GW-283-285

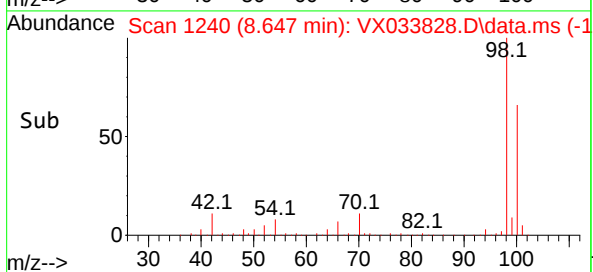
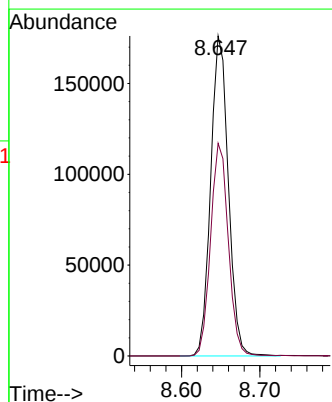
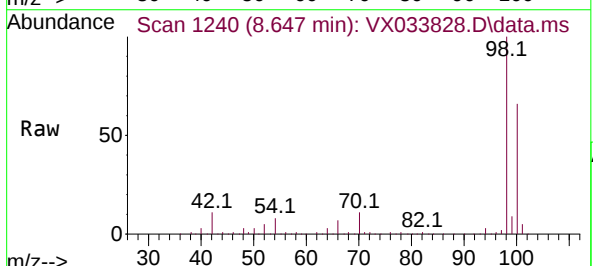


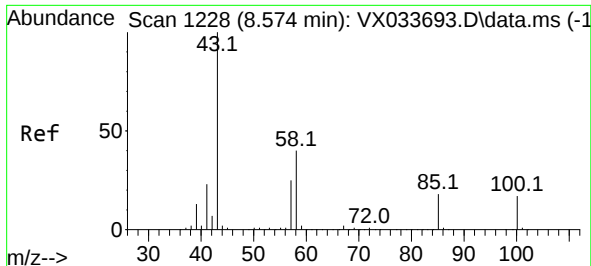
Tgt Ion:117 Resp: 14124
Ion Ratio Lower Upper
117 100
119 6.0 78.0 117.0#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 50.437 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX033828.D
Acq: 20 Jan 2023 15:07

Tgt Ion: 98 Resp: 275539
Ion Ratio Lower Upper
98 100
100 66.7 53.6 80.4

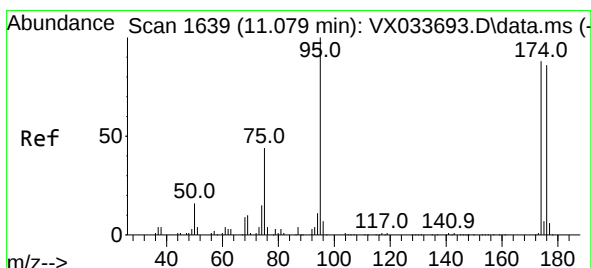
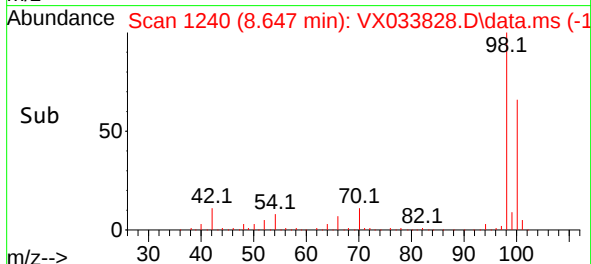
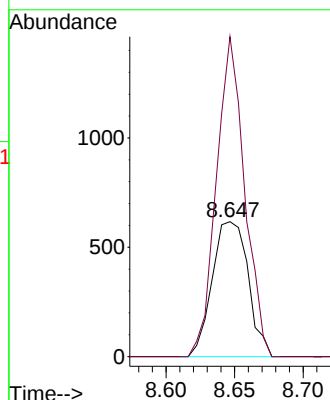
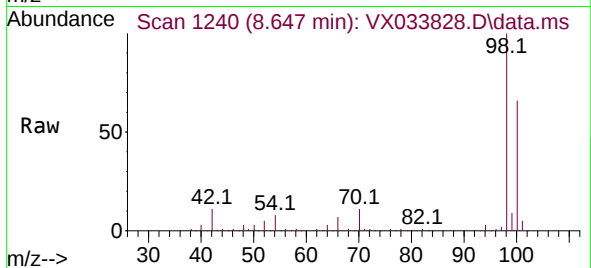




#51
4-Methyl-2-Pentanone
Concen: 0.531 ug/l
RT: 8.647 min Scan# 1127
Delta R.T. 0.073 min
Lab File: VX033828.D
Acq: 20 Jan 2023 15:07

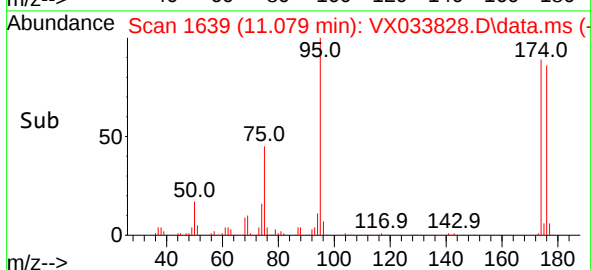
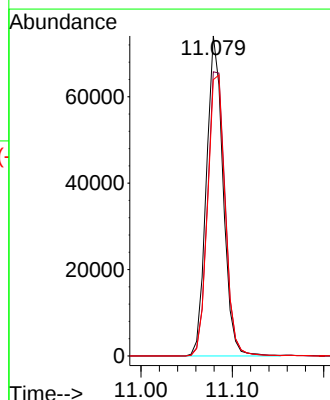
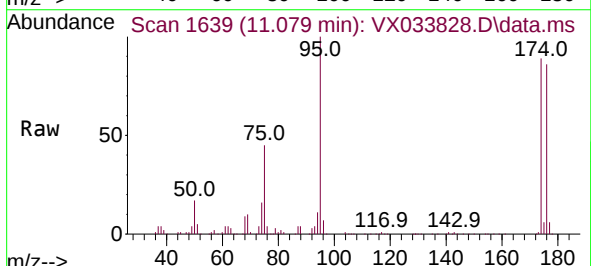
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10-GW-283-285

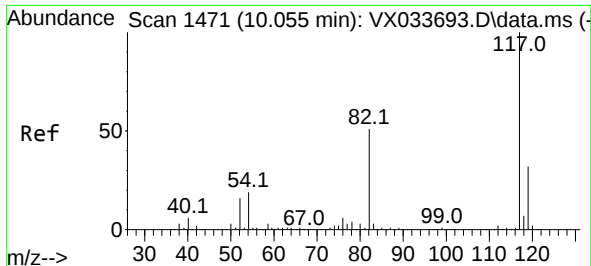
Tgt Ion: 43 Resp: 1127
Ion Ratio Lower Upper
43 100
58 186.4 31.2 46.8#



#62
4-Bromofluorobenzene
Concen: 46.362 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX033828.D
Acq: 20 Jan 2023 15:07

Tgt Ion: 95 Resp: 94036
Ion Ratio Lower Upper
95 100
174 93.9 0.0 184.4
176 91.9 0.0 178.8

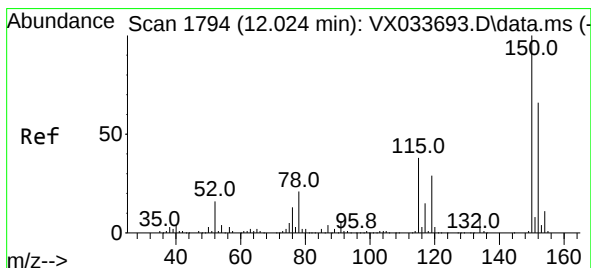
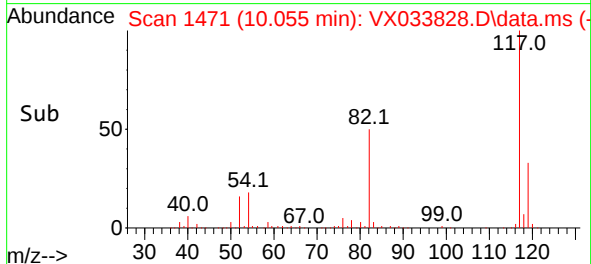
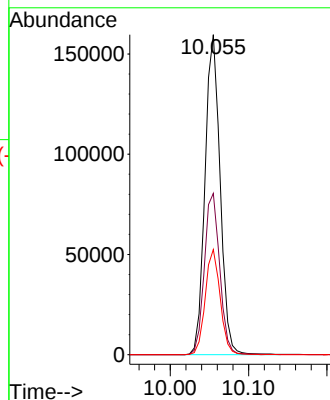
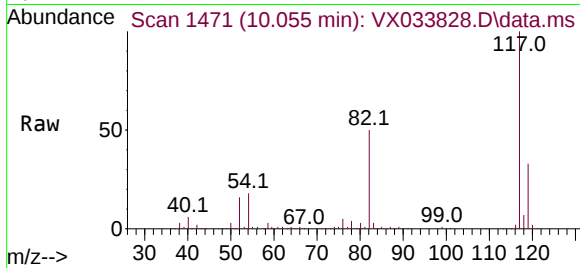




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX033828.D
Acq: 20 Jan 2023 15:07

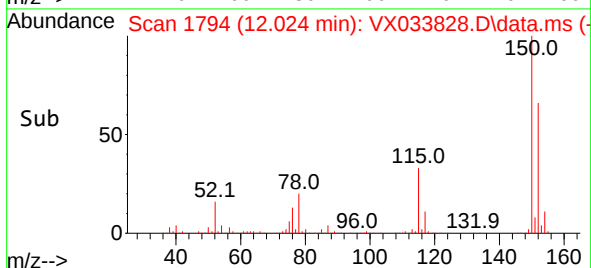
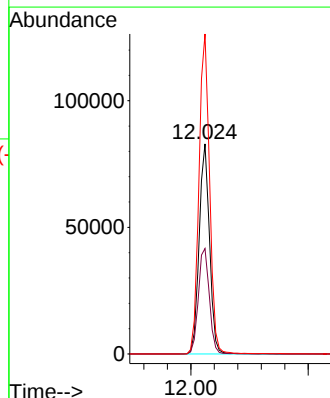
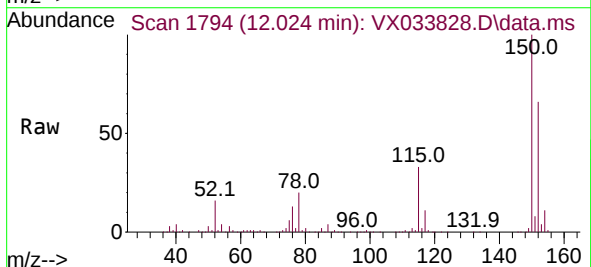
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10-GW-283-285

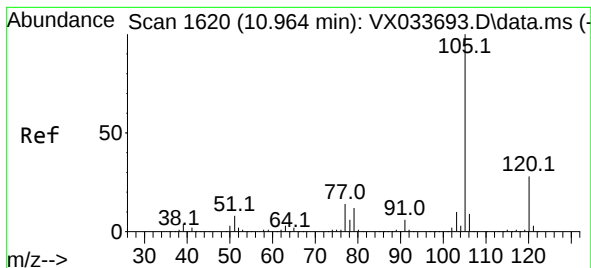
Tgt Ion:117 Resp: 213716
Ion Ratio Lower Upper
117 100
82 50.4 40.6 60.8
119 32.8 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX033828.D
Acq: 20 Jan 2023 15:07

Tgt Ion:152 Resp: 101870
Ion Ratio Lower Upper
152 100
115 53.0 38.7 116.1
150 155.6 0.0 348.2





#73

Isopropylbenzene

Concen: Below Cal

RT: 10.969 min Scan# 1639

Delta R.T. 0.005 min

Lab File: VX033828.D

Acq: 20 Jan 2023 15:07

Instrument :

MSVOA_X

ClientSampleId :

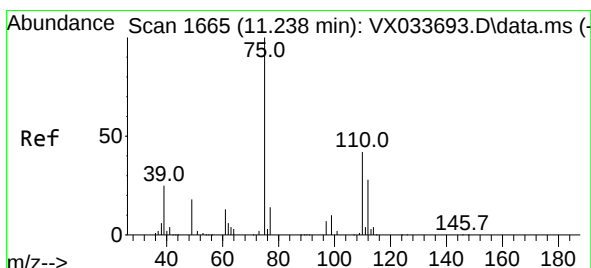
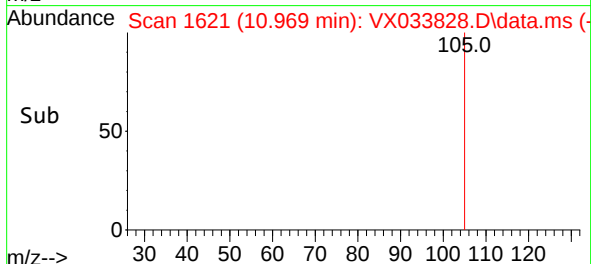
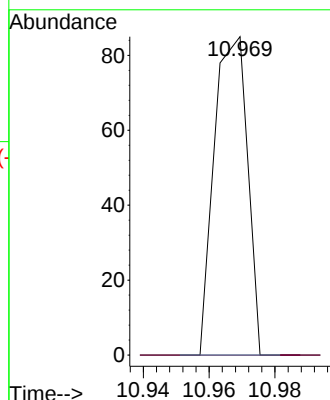
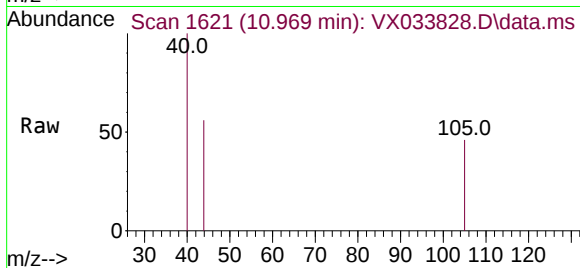
BP-VPB-RW10-GW-283-285

Tgt Ion:105 Resp: 60

Ion Ratio Lower Upper

105 100

120 0.0 13.6 40.8#



#76

1,2,3-Trichloropropane

Concen: 23.100 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX033828.D

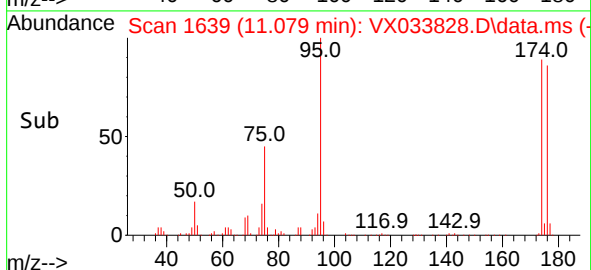
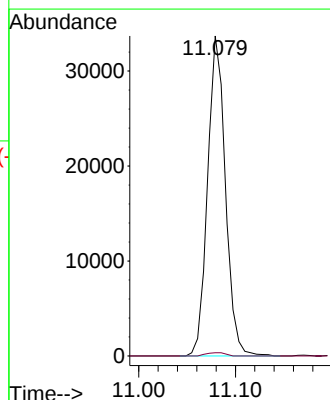
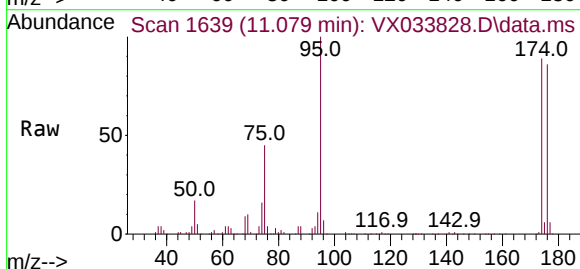
Acq: 20 Jan 2023 15:07

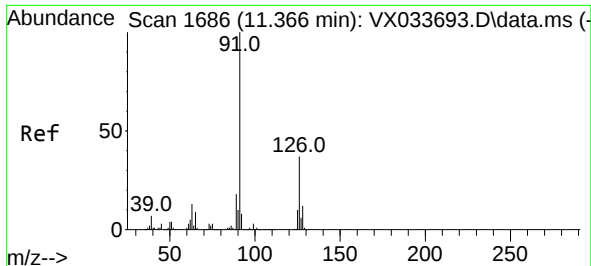
Tgt Ion: 75 Resp: 43237

Ion Ratio Lower Upper

75 100

77 1.1 21.8 65.4#

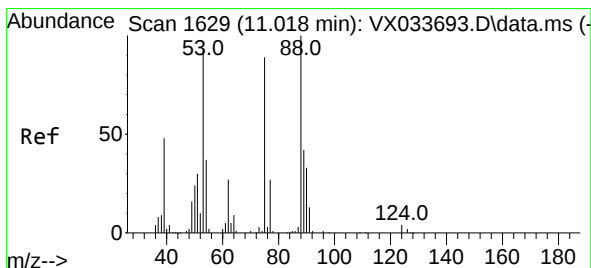
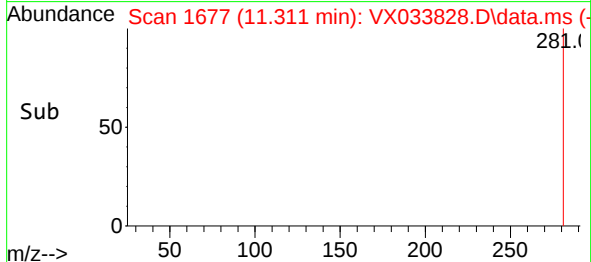
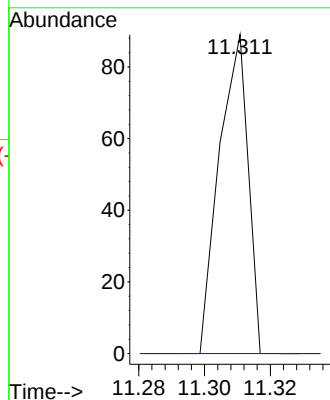
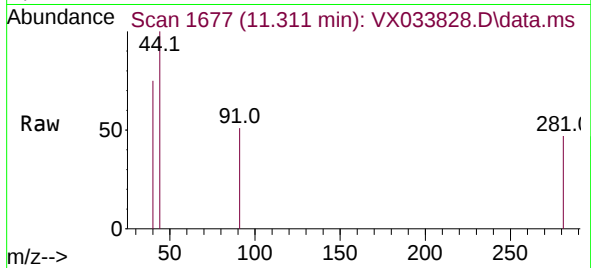




#79
2-Chlorotoluene
Concen: Below Cal
RT: 11.311 min Scan# 1677
Delta R.T. -0.055 min
Lab File: VX033828.D
Acq: 20 Jan 2023 15:07

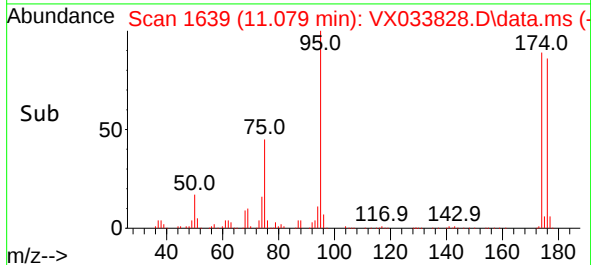
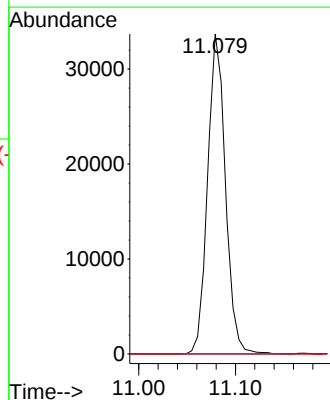
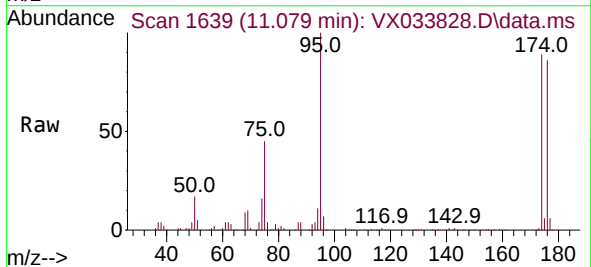
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10-GW-283-285

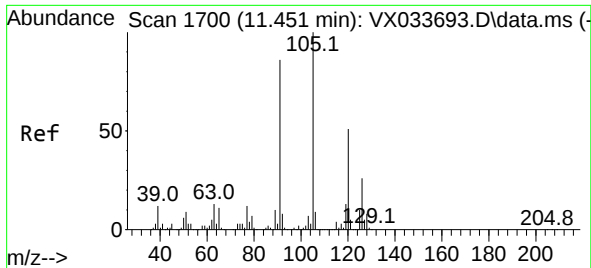
Tgt Ion: 91 Resp: 54
Ion Ratio Lower Upper
91 100
126 0.0 18.1 54.1#



#81
trans-1,4-Dichloro-2-butene
Concen: 71.793 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX033828.D
Acq: 20 Jan 2023 15:07

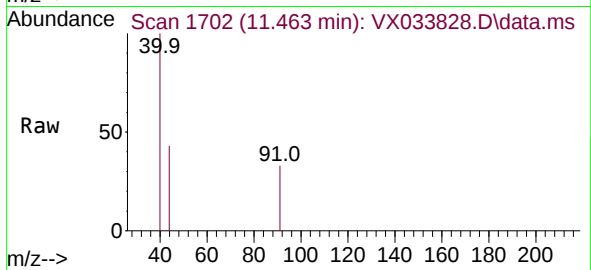
Tgt Ion: 75 Resp: 43237
Ion Ratio Lower Upper
75 100
53 0.0 83.0 124.6#
89 0.0 37.7 56.5#





#82
 4-Chlorotoluene
 Concen: Below Cal
 RT: 11.463 min Scan# 11
 Delta R.T. 0.012 min
 Lab File: VX033828.D
 Acq: 20 Jan 2023 15:07

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-RW10-GW-283-285



Tgt Ion: 91 Resp: 43
 Ion Ratio Lower Upper
 91 100
 126 0.0 15.8 47.4#

