

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112321\
 Data File : VX025274.D
 Acq On : 23 Nov 2021 15:08
 Operator : JC/MD
 Sample : M4800-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-RW9-TB-20211115

Quant Time: Nov 24 03:13:24 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 17 15:36:16 2021
 Response via : Initial Calibration

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

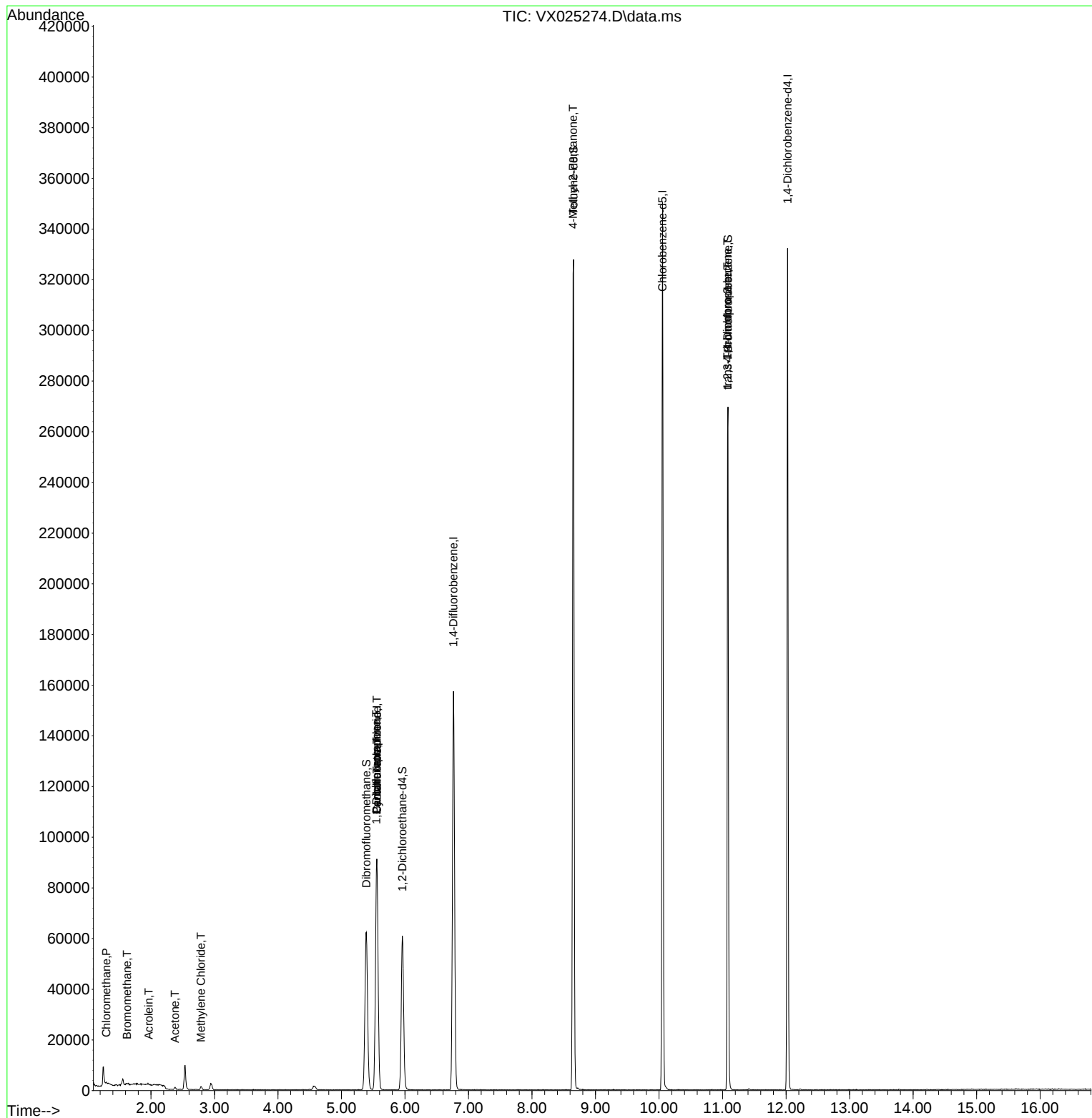
Internal Standards						
1) Pentafluorobenzene	5.556	168	94784	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	168962	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	162522	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	70921	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	56288	56.339	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 112.680%			
35) Dibromofluoromethane	5.391	113	54309	52.387	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.780%			
50) Toluene-d8	8.653	98	200268	51.379	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.760%			
62) 4-Bromofluorobenzene	11.085	95	73300	49.709	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 99.420%			
Target Compounds			Qvalue			
3) Chloromethane	1.295	50	259	0.255	ug/l	98
5) Bromomethane	1.624	94	296	0.616	ug/l	95
11) Tert butyl alcohol	2.941	59	1521	Below Cal	#	72
13) Acrolein	1.965	56	26	0.568	ug/l #	13
16) Acetone	2.380	43	915	1.648	ug/l	93
20) Methylene Chloride	2.788	84	645	0.618	ug/l #	81
31) Cyclohexane	5.556	56	1624	1.052	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	6217	4.217	ug/l #	50
38) Carbon Tetrachloride	5.556	117	8767	5.400	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	919	0.525	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	35429	24.395	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	35429	61.455	ug/l #	9
95) Naphthalene	13.780	128	247	Below Cal	#	69

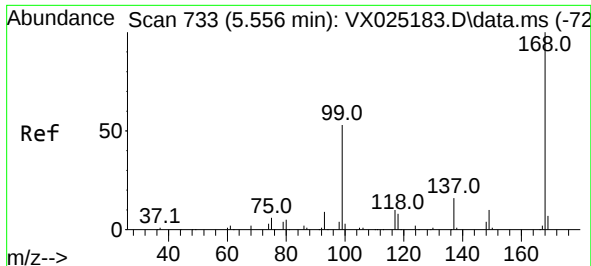
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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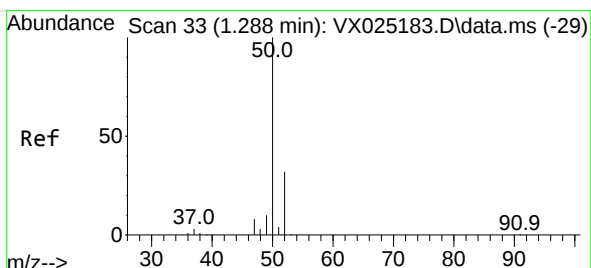
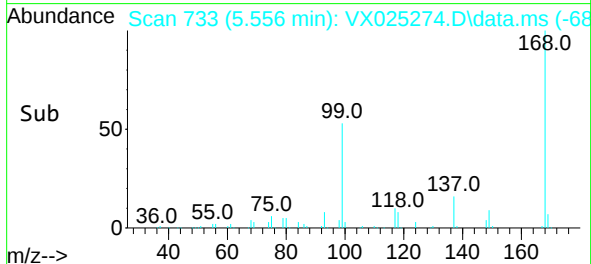
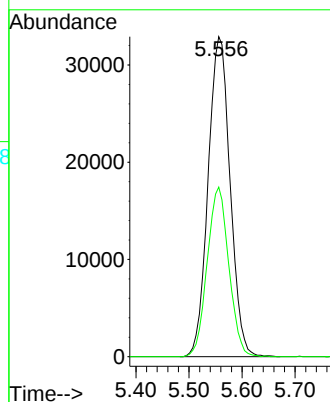
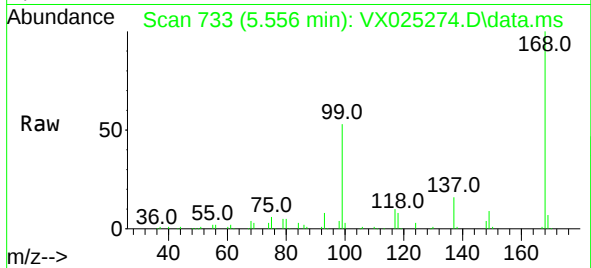




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX025274.D
Acq: 23 Nov 2021 15:08

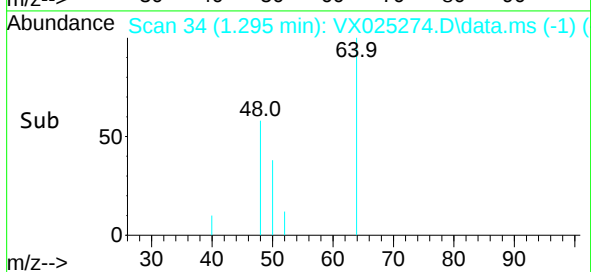
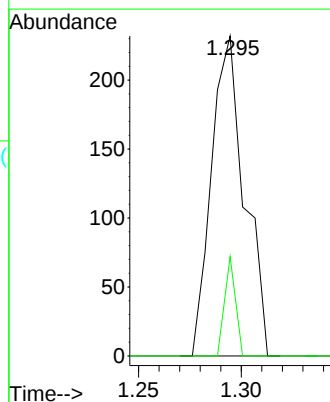
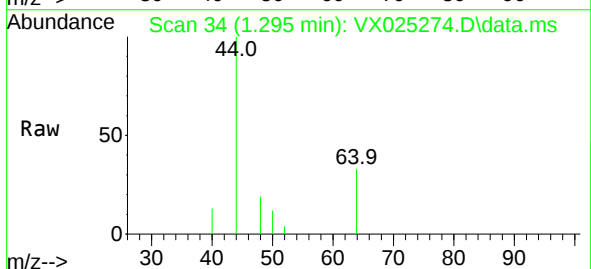
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW9-TB-20211115

Tgt Ion:168 Resp: 94784
Ion Ratio Lower Upper
168 100
99 53.0 46.4 69.6



#3
Chloromethane
Concen: 0.255 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.007 min
Lab File: VX025274.D
Acq: 23 Nov 2021 15:08

Tgt Ion: 50 Resp: 259
Ion Ratio Lower Upper
50 100
52 31.0 25.9 38.9

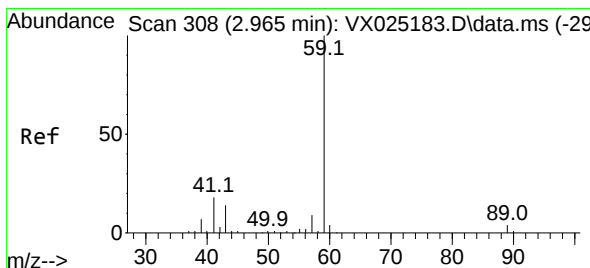
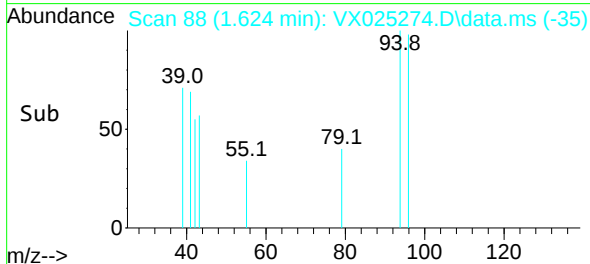
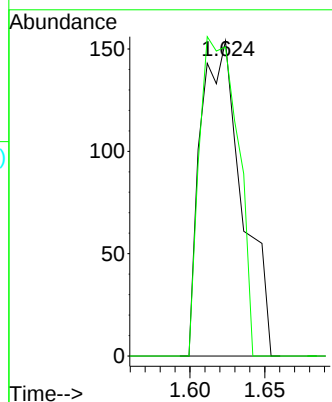
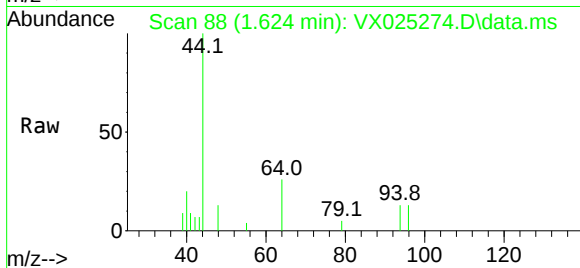




#5
Bromomethane
Concen: 0.616 ug/l
RT: 1.624 min Scan# 84
Delta R.T. 0.025 min
Lab File: VX025274.D
Acq: 23 Nov 2021 15:08

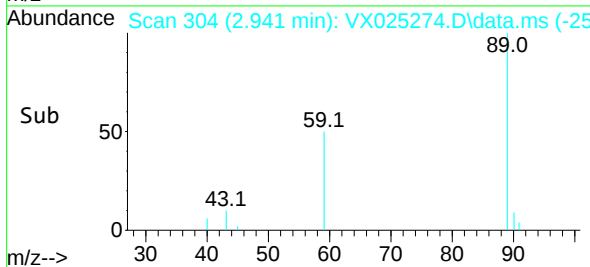
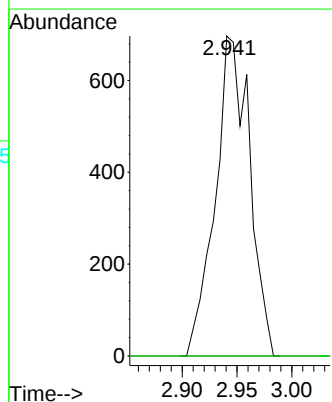
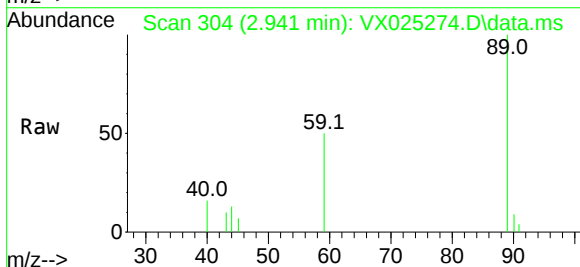
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW9-TB-20211115

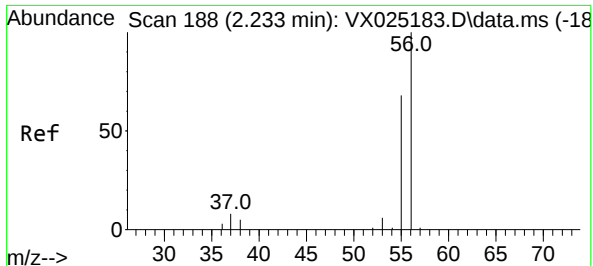
Tgt Ion: 94 Resp: 296
Ion Ratio Lower Upper
94 100
96 98.1 74.8 112.2



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.941 min Scan# 304
Delta R.T. -0.024 min
Lab File: VX025274.D
Acq: 23 Nov 2021 15:08

Tgt Ion: 59 Resp: 1521
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#

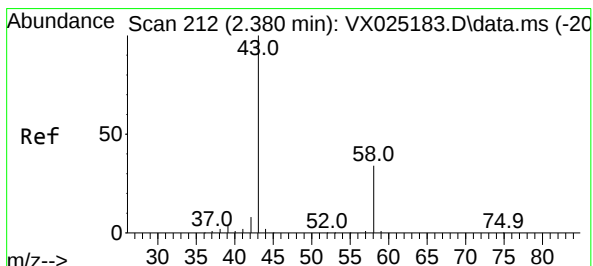
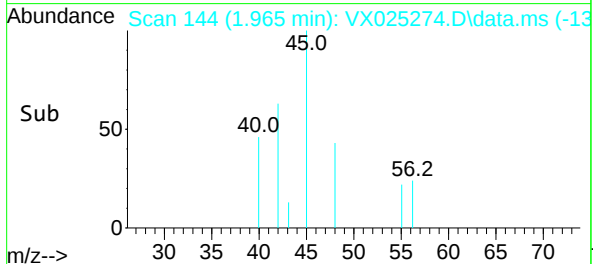
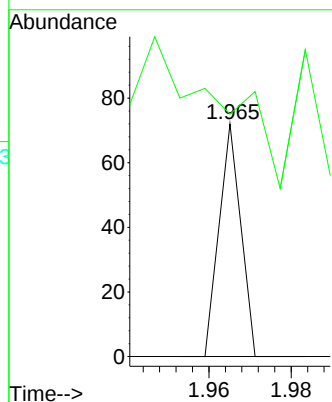
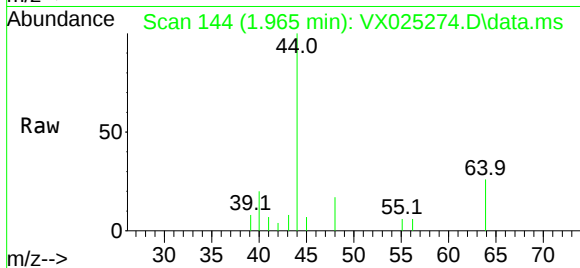




#13
Acrolein
Concen: 0.568 ug/l
RT: 1.965 min Scan# 14
Delta R.T. -0.268 min
Lab File: VX025274.D
Acq: 23 Nov 2021 15:08

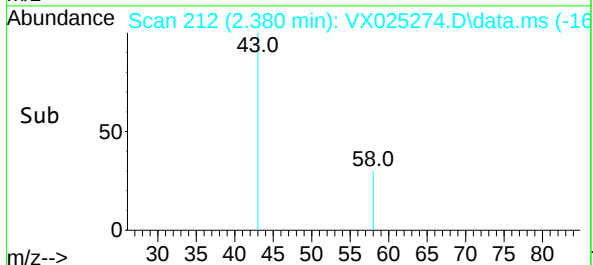
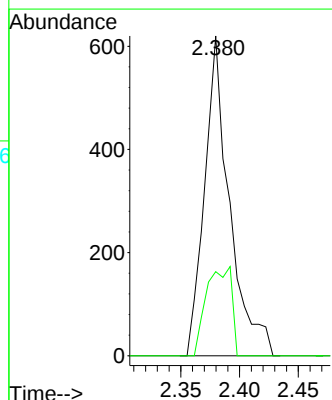
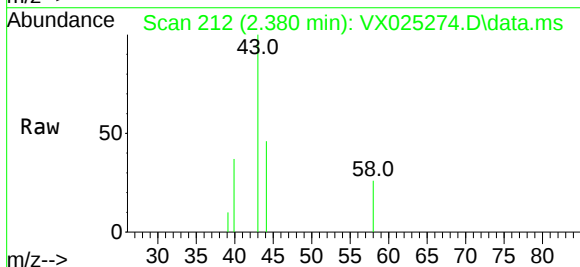
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW9-TB-20211115

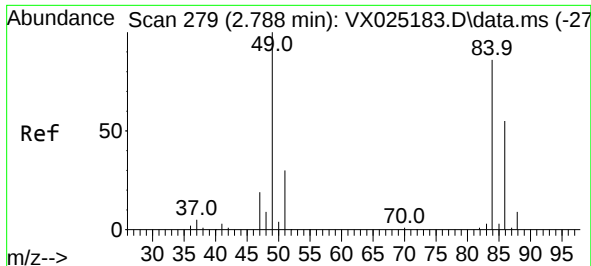
Tgt Ion: 56 Resp: 26
Ion Ratio Lower Upper
56 100
55 0.0 58.6 87.8#



#16
Acetone
Concen: 1.648 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX025274.D
Acq: 23 Nov 2021 15:08

Tgt Ion: 43 Resp: 915
Ion Ratio Lower Upper
43 100
58 26.3 24.0 36.0

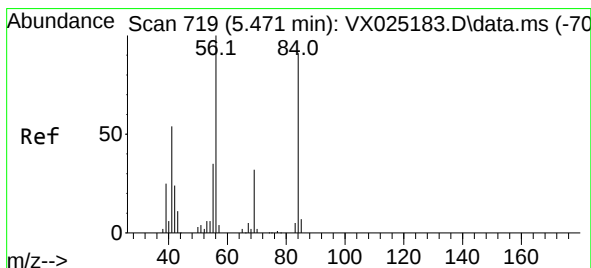
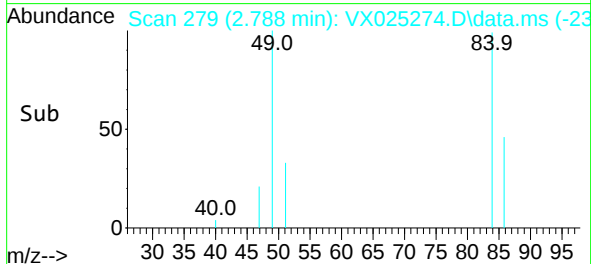
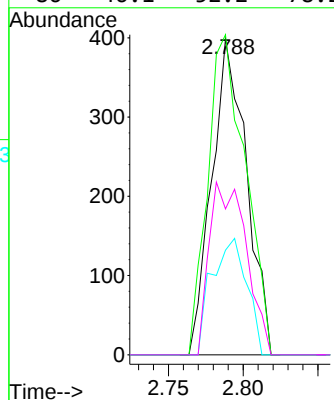
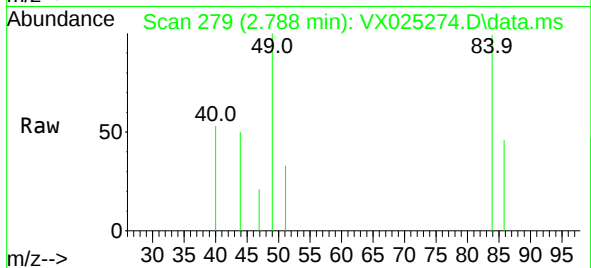




#20
Methylene Chloride
Concen: 0.618 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX025274.D
Acq: 23 Nov 2021 15:08

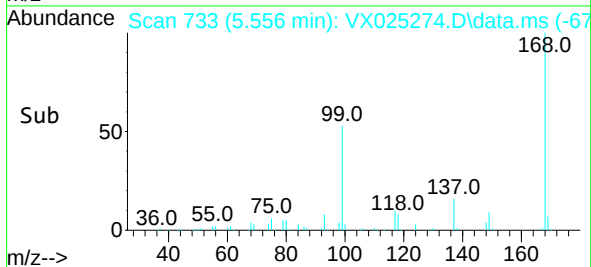
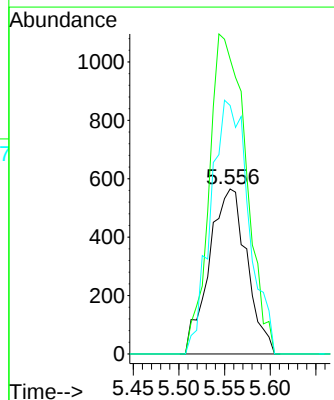
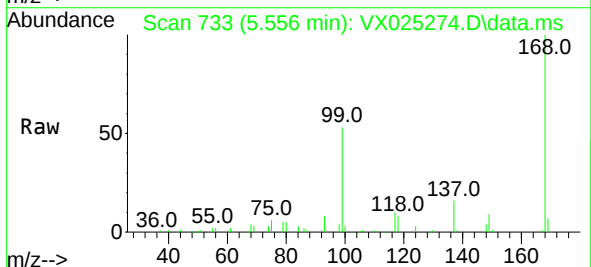
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW9-TB-20211115

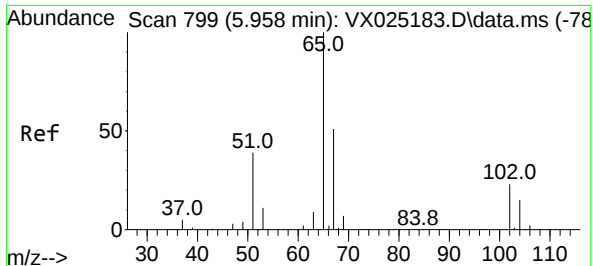
Tgt Ion:	84	Resp:	645
Ion	Ratio	Lower	Upper
84	100		
49	101.3	98.2	147.2
51	33.1	30.2	45.4
86	46.1	52.2	78.2#



#31
Cyclohexane
Concen: 1.052 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.085 min
Lab File: VX025274.D
Acq: 23 Nov 2021 15:08

Tgt Ion:	56	Resp:	1624
Ion	Ratio	Lower	Upper
56	100		
69	178.8	24.2	36.2#
84	150.6	71.5	107.3#





#33

1,2-Dichloroethane-d4

Concen: 56.339 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX025274.D

Acq: 23 Nov 2021 15:08

Instrument :

MSVOA_X

ClientSampleId :

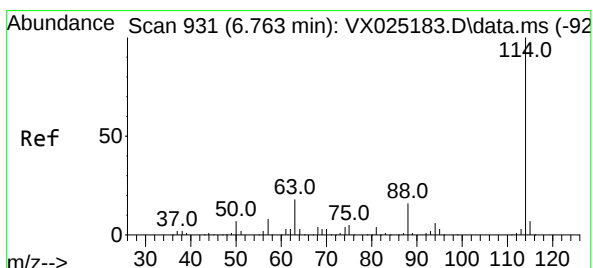
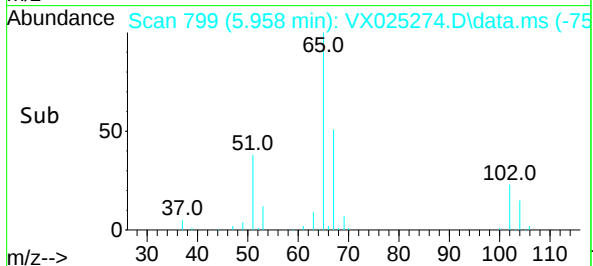
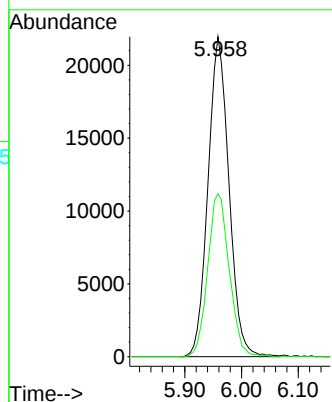
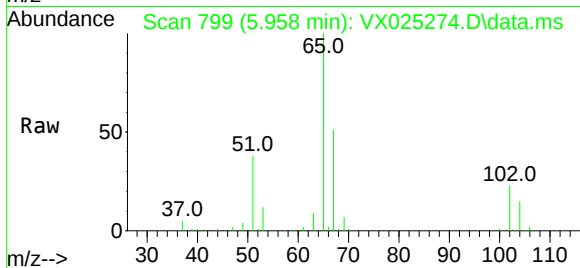
BP-VPB-RW9-TB-20211115

Tgt Ion: 65 Resp: 56288

Ion Ratio Lower Upper

65 100

67 52.4 0.0 101.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX025274.D

Acq: 23 Nov 2021 15:08

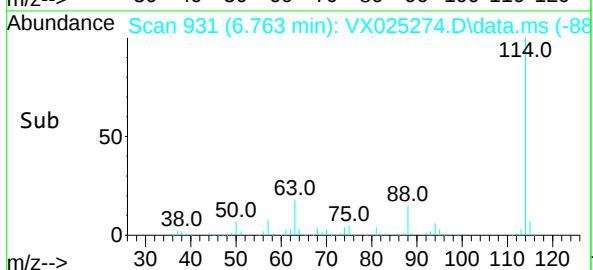
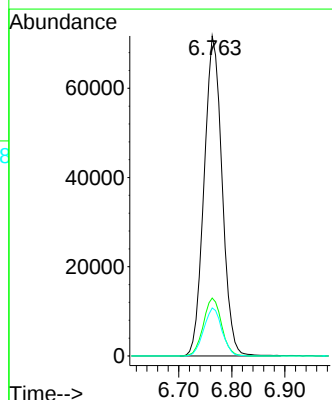
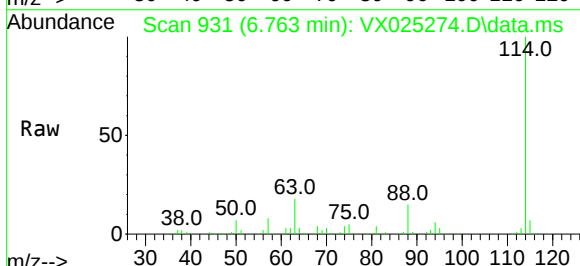
Tgt Ion: 114 Resp: 168962

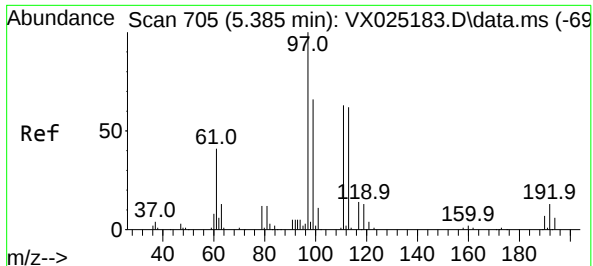
Ion Ratio Lower Upper

114 100

63 18.1 0.0 41.0

88 15.0 0.0 34.8

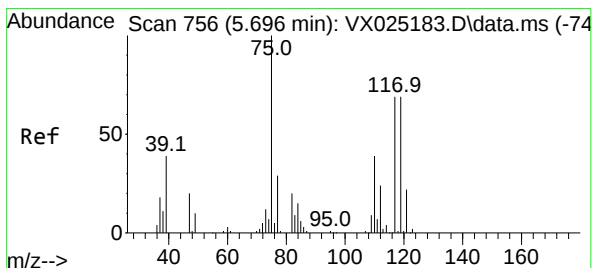
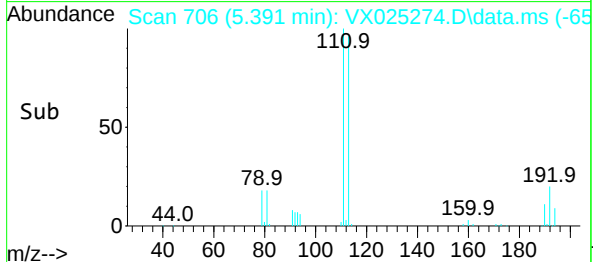
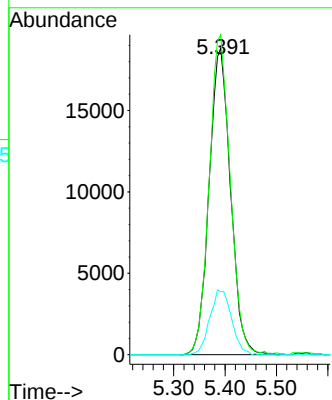
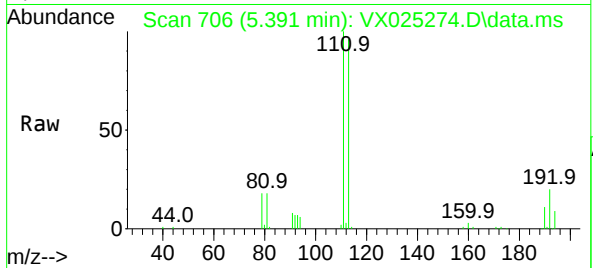




#35
Dibromofluoromethane
Concen: 52.387 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX025274.D
Acq: 23 Nov 2021 15:08

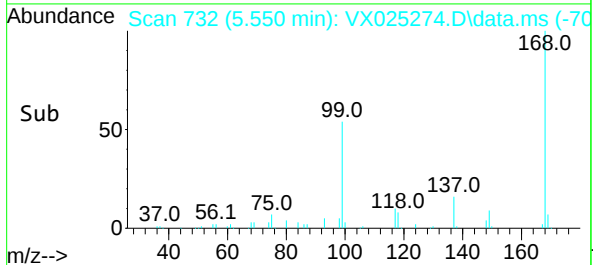
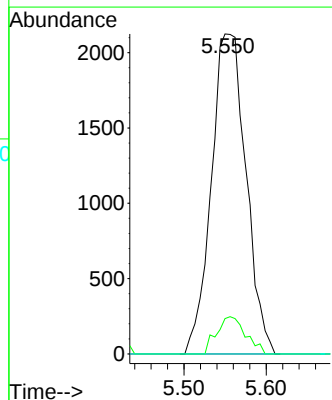
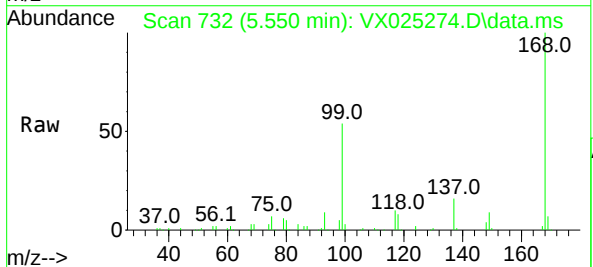
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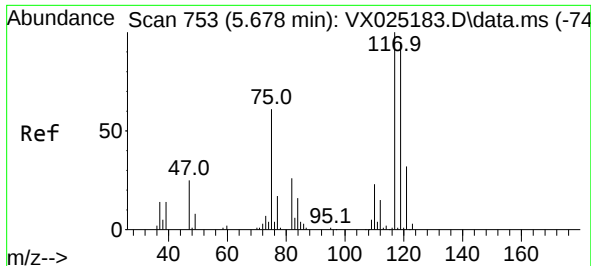
Tgt Ion:113 Resp: 54309
Ion Ratio Lower Upper
113 100
111 103.0 82.1 123.1
192 21.4 15.6 23.4



#36
1,1-Dichloropropene
Concen: 4.217 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX025274.D
Acq: 23 Nov 2021 15:08

Tgt Ion: 75 Resp: 6217
Ion Ratio Lower Upper
75 100
110 9.7 18.1 54.3#
77 0.0 24.4 36.6#

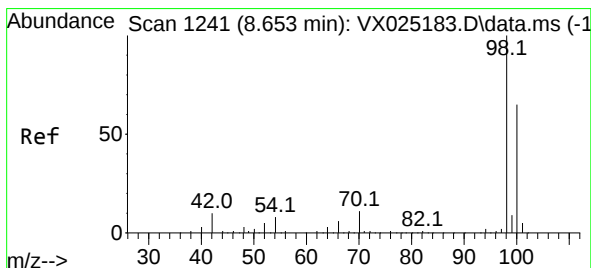
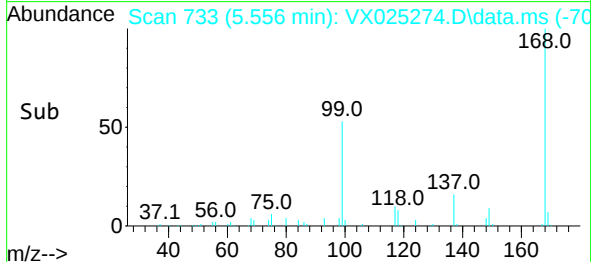
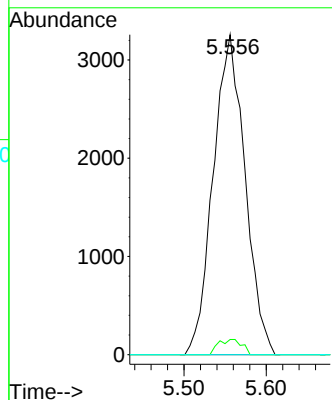
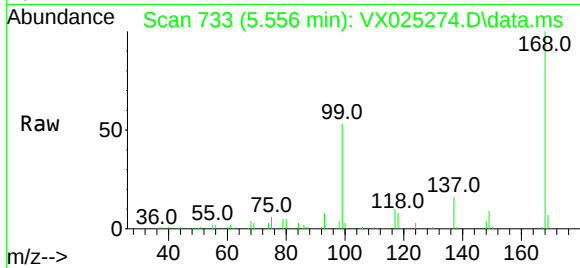




#38
Carbon Tetrachloride
Concen: 5.400 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX025274.D
Acq: 23 Nov 2021 15:08

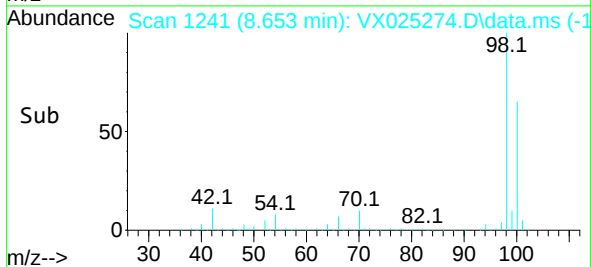
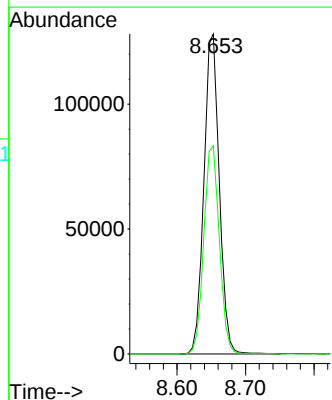
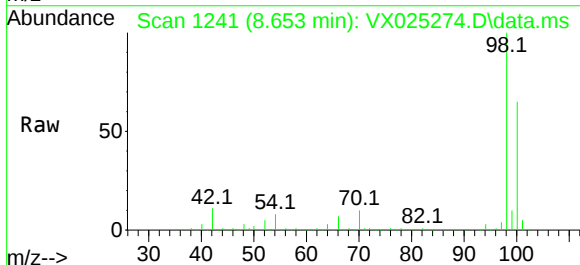
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW9-TB-20211115

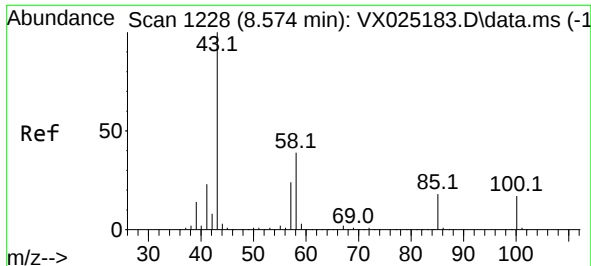
Tgt Ion:117 Resp: 8767
Ion Ratio Lower Upper
117 100
119 4.8 75.6 113.4#
121 0.0 23.7 35.5#



#50
Toluene-d8
Concen: 51.379 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX025274.D
Acq: 23 Nov 2021 15:08

Tgt Ion: 98 Resp: 200268
Ion Ratio Lower Upper
98 100
100 66.2 51.4 77.0





#51

4-Methyl-2-Pentanone

Concen: 0.525 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.073 min

Lab File: VX025274.D

Acq: 23 Nov 2021 15:08

Instrument :

MSVOA_X

ClientSampleId :

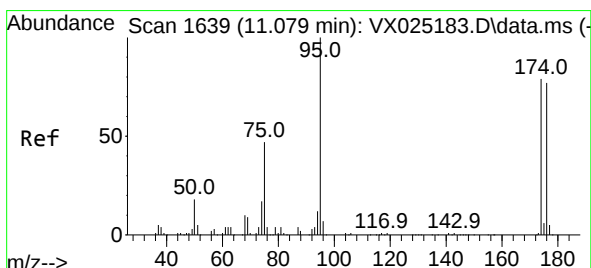
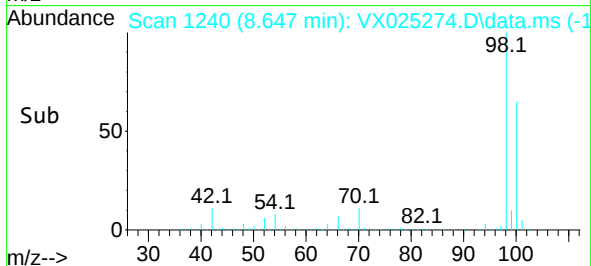
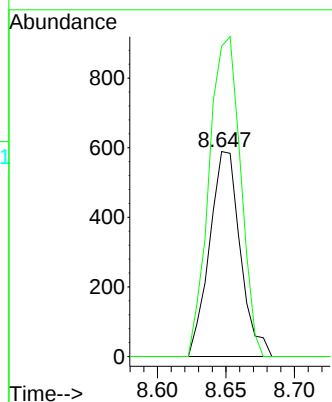
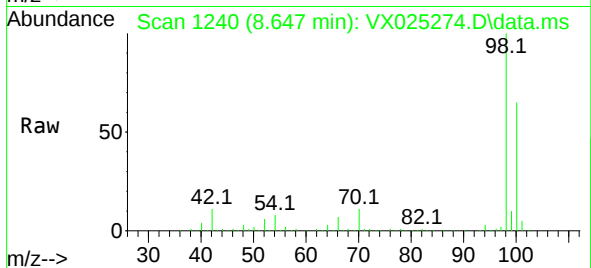
BP-VPB-RW9-TB-20211115

Tgt Ion: 43 Resp: 919

Ion Ratio Lower Upper

43 100

58 159.6 30.9 46.3#



#62

4-Bromofluorobenzene

Concen: 49.709 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.006 min

Lab File: VX025274.D

Acq: 23 Nov 2021 15:08

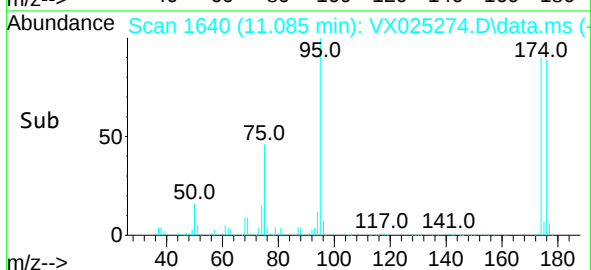
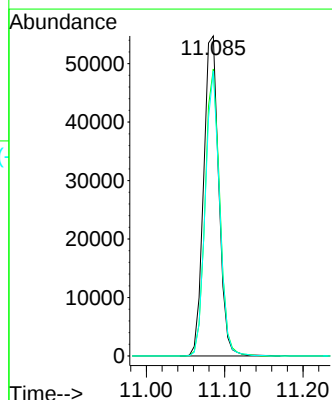
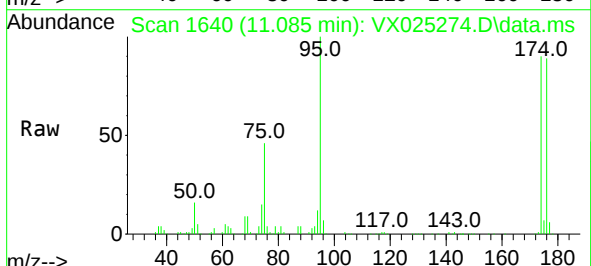
Tgt Ion: 95 Resp: 73300

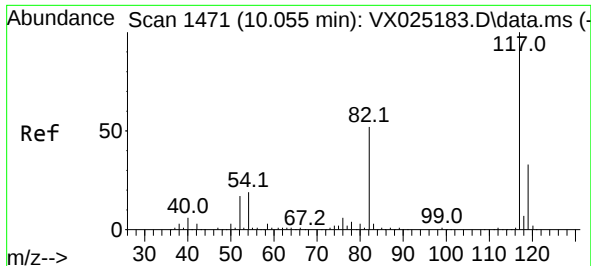
Ion Ratio Lower Upper

95 100

174 86.3 0.0 158.0

176 84.1 0.0 153.6

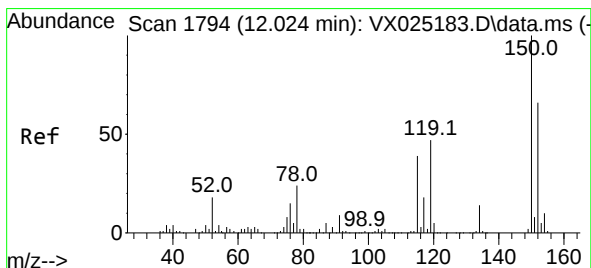
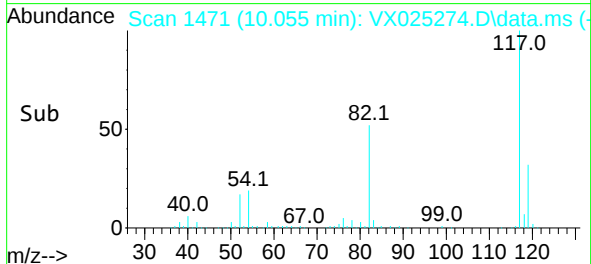
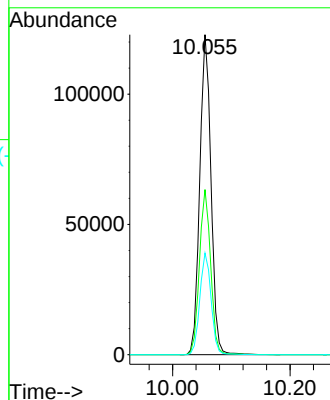
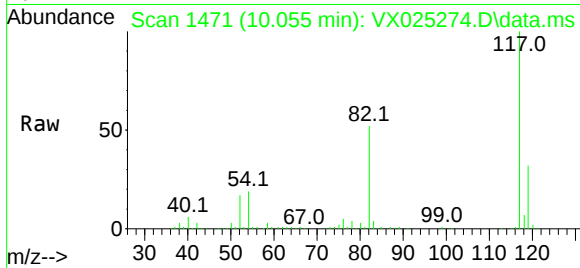




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX025274.D
Acq: 23 Nov 2021 15:08

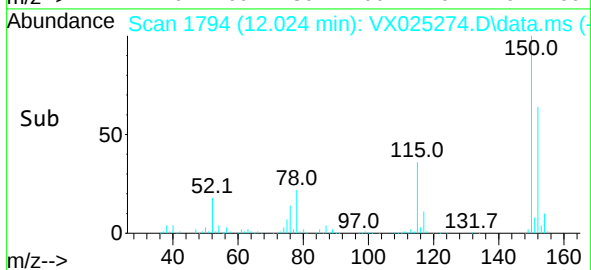
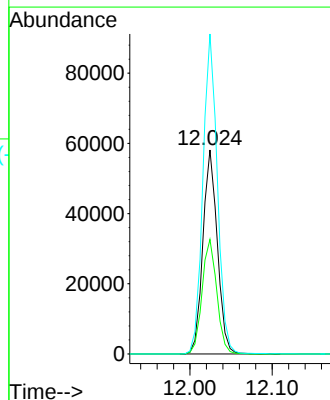
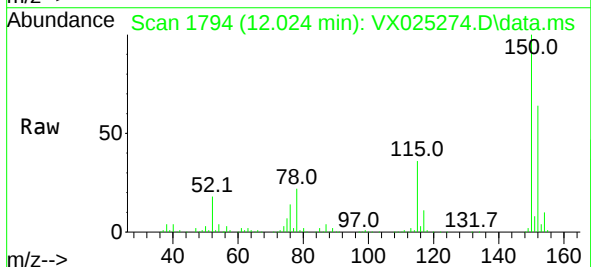
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW9-TB-20211115

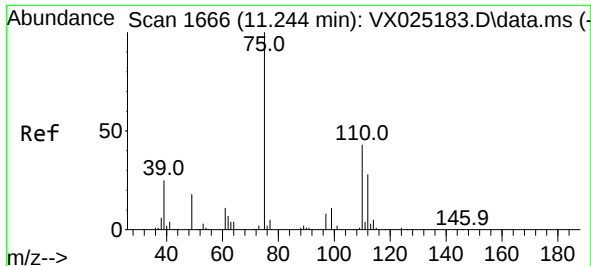
Tgt Ion:117 Resp: 162522
Ion Ratio Lower Upper
117 100
82 51.6 44.6 67.0
119 31.7 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX025274.D
Acq: 23 Nov 2021 15:08

Tgt Ion:152 Resp: 70921
Ion Ratio Lower Upper
152 100
115 57.0 43.3 129.8
150 156.9 0.0 351.2

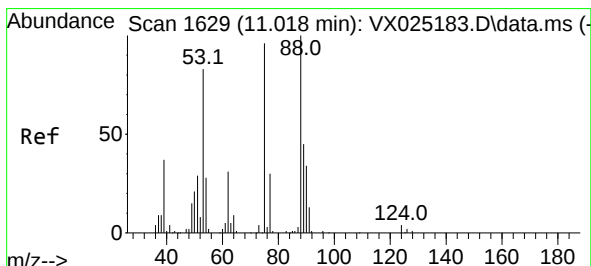
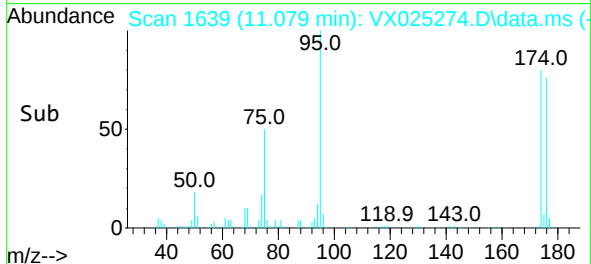
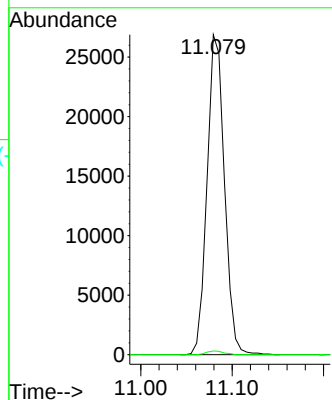
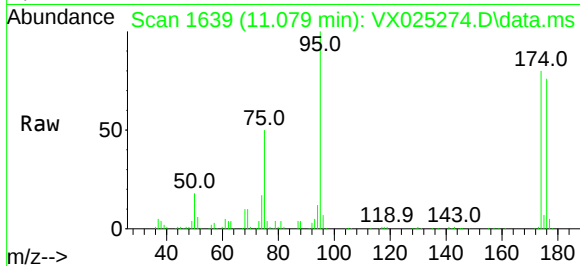




#76
1,2,3-Trichloropropane
Concen: 24.395 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX025274.D
Acq: 23 Nov 2021 15:08

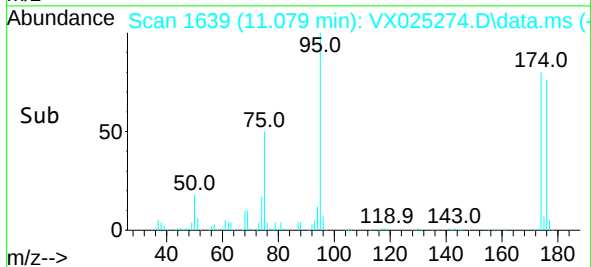
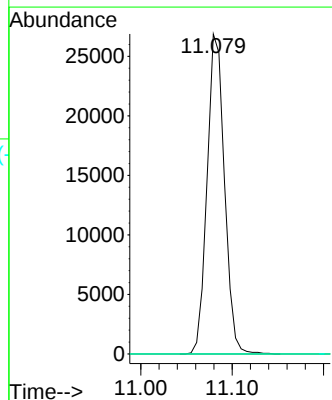
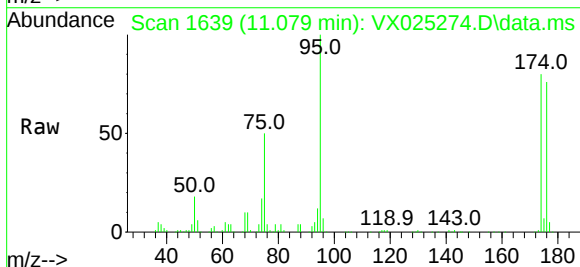
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW9-TB-20211115

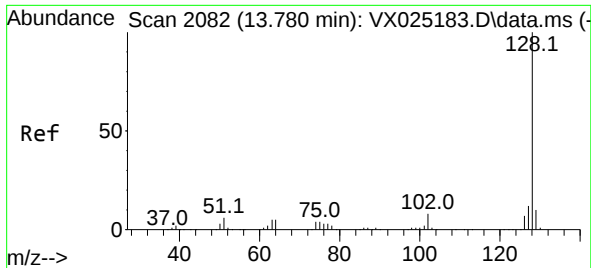
Tgt Ion: 75 Resp: 35429
Ion Ratio Lower Upper
75 100
77 1.1 20.0 59.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 61.455 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX025274.D
Acq: 23 Nov 2021 15:08

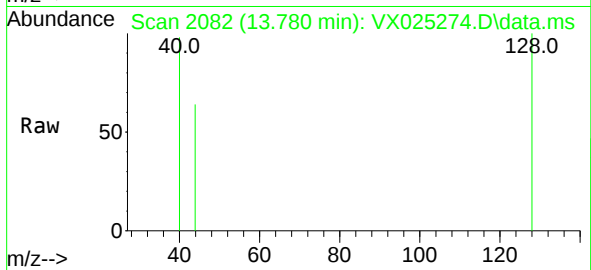
Tgt Ion: 75 Resp: 35429
Ion Ratio Lower Upper
75 100
53 0.0 81.9 122.9#
89 0.0 38.2 57.2#





#95
Naphthalene
Concen: Below Cal
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX025274.D
Acq: 23 Nov 2021 15:08

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW9-TB-20211115



Tgt Ion:128 Resp: 247
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

