

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091421\
 Data File : VX024217.D
 Acq On : 14 Sep 2021 19:02
 Operator : JC/MD
 Sample : M3729-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-VPB-RW7-DUP-20210913

Quant Time: Sep 15 01:58:29 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091421W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 14 12:18:04 2021
 Response via : Initial Calibration

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

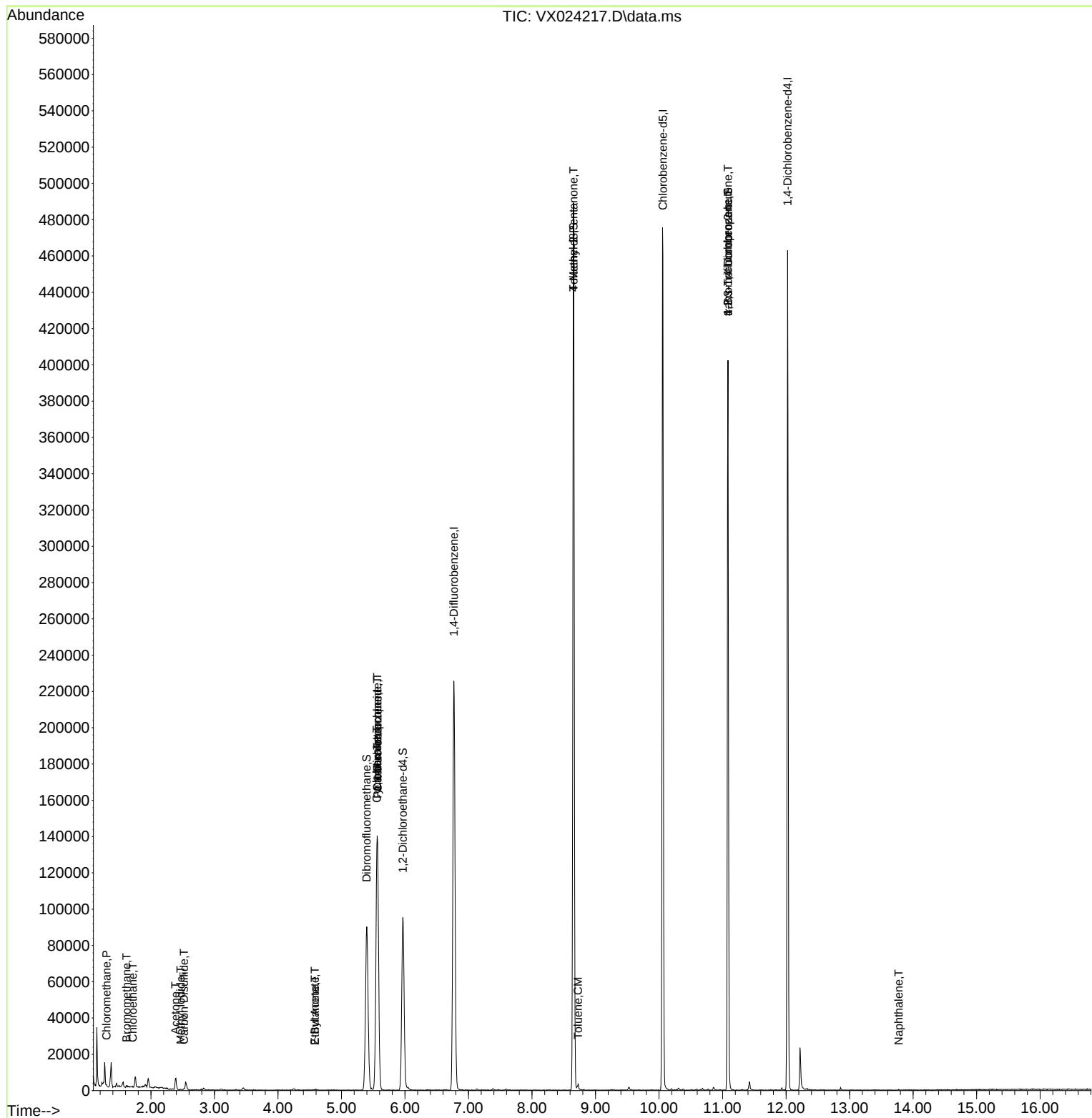
Internal Standards						
1) Pentafluorobenzene	5.568	168	132572	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	227645	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	211695	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	90437	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	97128	51.379	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.760%			
35) Dibromofluoromethane	5.397	113	77291	50.627	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.260%			
50) Toluene-d8	8.653	98	276874	49.783	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.560%			
62) 4-Bromofluorobenzene	11.085	95	100996	46.662	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 93.320%			
Target Compounds						Qvalue
3) Chloromethane	1.301	50	472	0.355	ug/l #	76
5) Bromomethane	1.618	94	684	0.868	ug/l #	66
6) Chloroethane	1.715	64	232	2.208	ug/l #	43
10) Methyl Iodide	2.465	142	503	0.279	ug/l #	53
11) Tert butyl alcohol	2.977	59	97	Below Cal	#	73
16) Acetone	2.386	43	6814	8.453	ug/l	92
17) Carbon Disulfide	2.520	76	803	0.262	ug/l #	75
25) 2-Butanone	4.580	43	1022	0.861	ug/l #	87
31) Cyclohexane	5.556	56	3001	1.357	ug/l #	20
36) 1,1-Dichloropropene	5.562	75	10223	4.884	ug/l #	50
37) Ethyl Acetate	4.580	43	1022	0.419	ug/l #	64
38) Carbon Tetrachloride	5.562	117	13722	5.825	ug/l #	16
51) 4-Methyl-2-Pentanone	8.653	43	1317	0.532	ug/l #	1
52) Toluene	8.726	92	899	0.228	ug/l	95
76) 1,2,3-Trichloropropane	11.085	75	54792	26.348	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	54792	77.491	ug/l #	12
95) Naphthalene	13.774	128	294	1.331	ug/l #	83

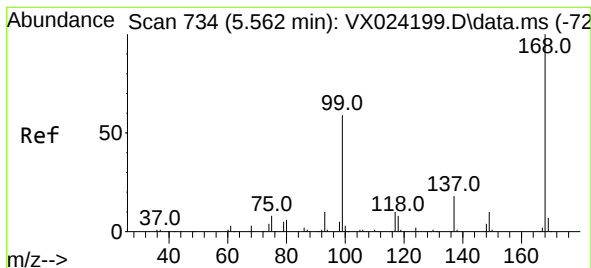
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.568 min Scan# 735

Delta R.T. 0.006 min

Lab File: VX024217.D

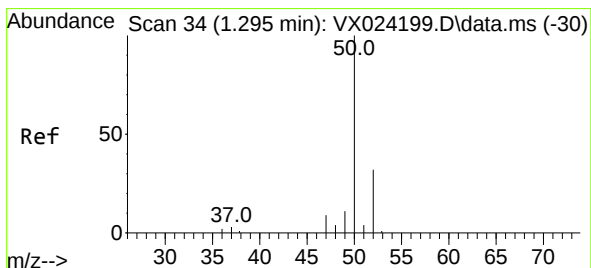
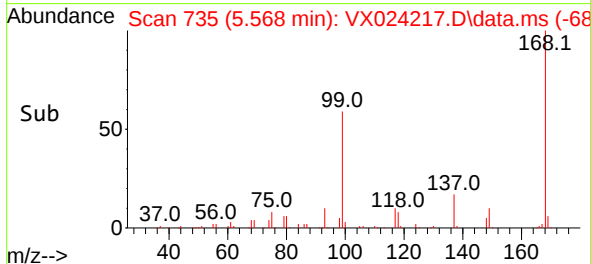
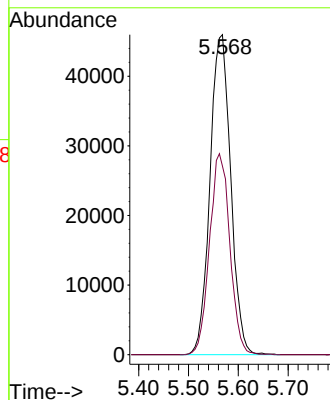
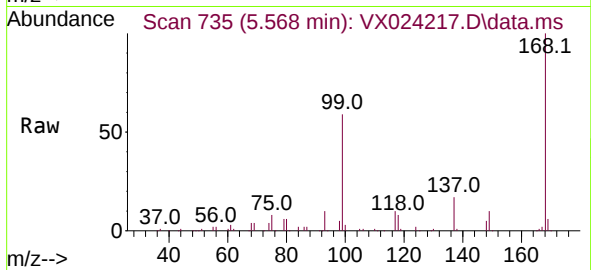
Acq: 14 Sep 2021 19:02

Tgt Ion:168 Resp: 132572

Ion Ratio Lower Upper

168 100

99 59.0 45.8 68.6



#3

Chloromethane

Concen: 0.355 ug/l

RT: 1.301 min Scan# 35

Delta R.T. 0.006 min

Lab File: VX024217.D

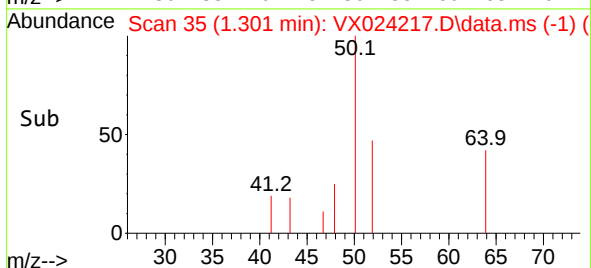
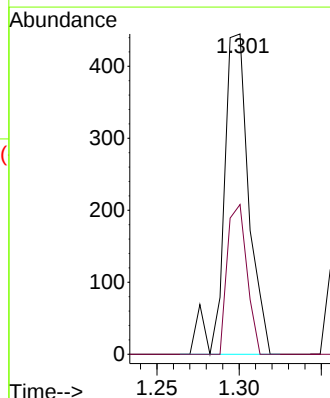
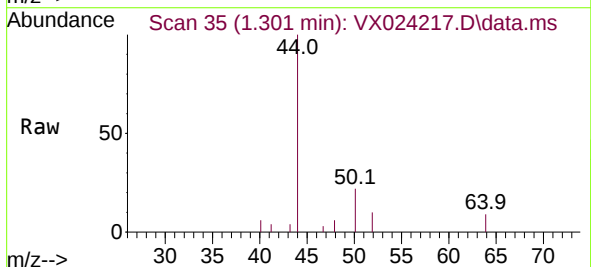
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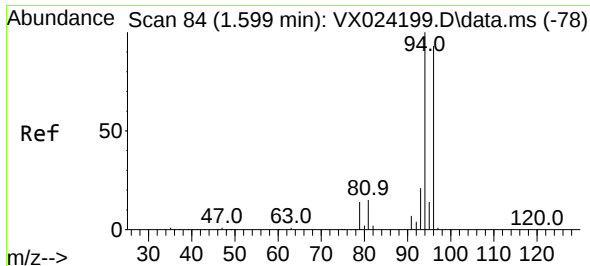
Tgt Ion: 50 Resp: 472

Ion Ratio Lower Upper

50 100

52 46.7 26.4 39.6#

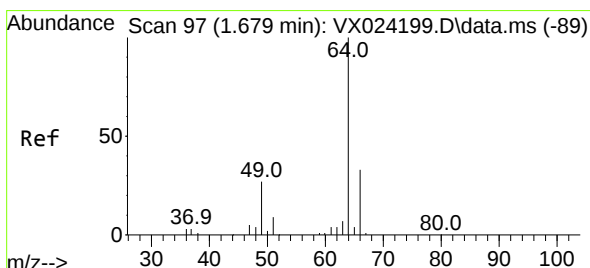
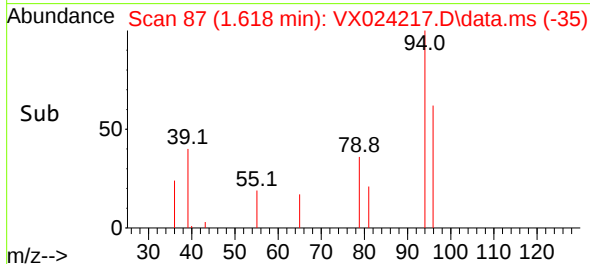
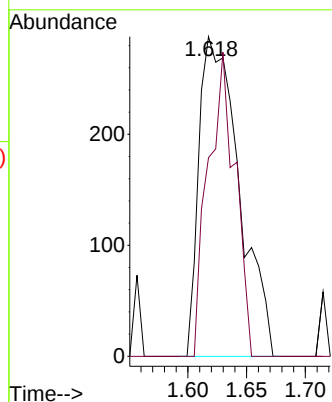
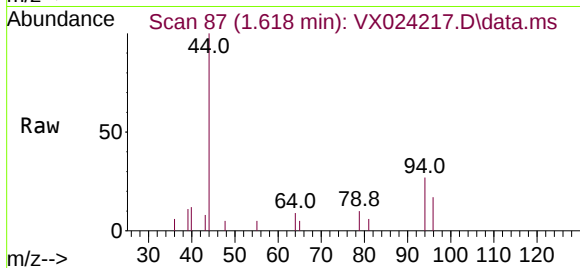




#5
Bromomethane
Concen: 0.868 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX024217.D
Acq: 14 Sep 2021 19:02

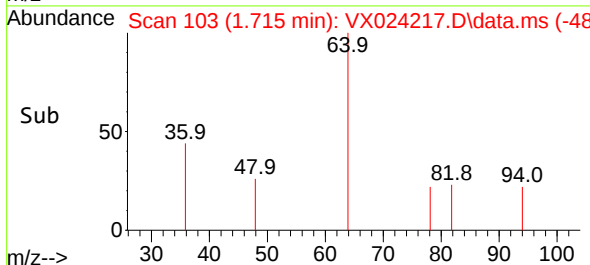
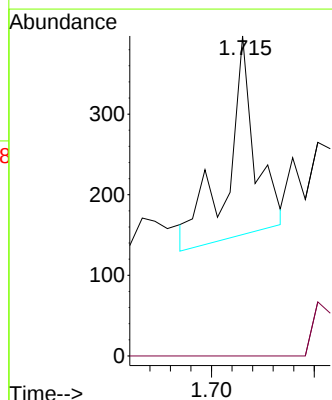
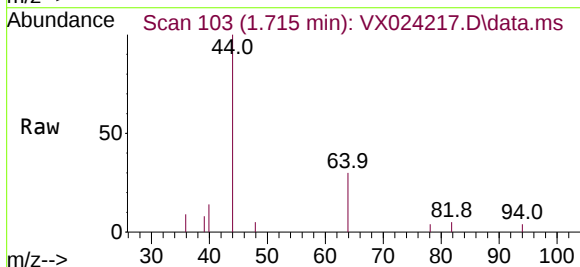
Instrument :
MSVOA_X
ClientSampleId :
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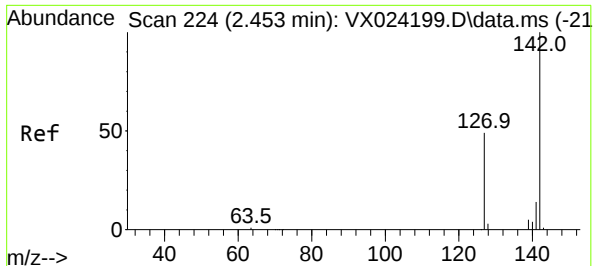
Tgt Ion: 94 Resp: 684
Ion Ratio Lower Upper
94 100
96 62.2 76.4 114.6#



#6
Chloroethane
Concen: 2.208 ug/l
RT: 1.715 min Scan# 103
Delta R.T. 0.036 min
Lab File: VX024217.D
Acq: 14 Sep 2021 19:02

Tgt Ion: 64 Resp: 232
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#

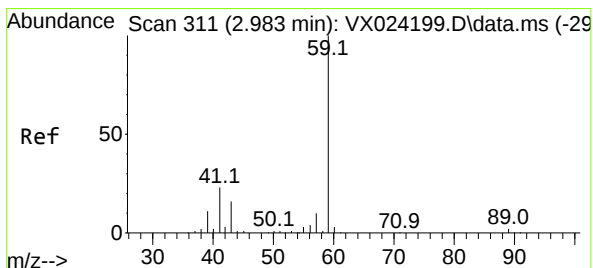
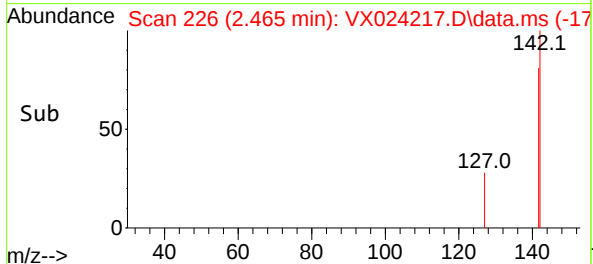
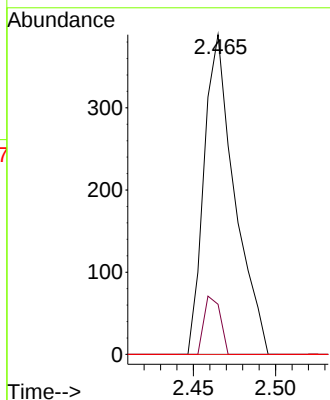
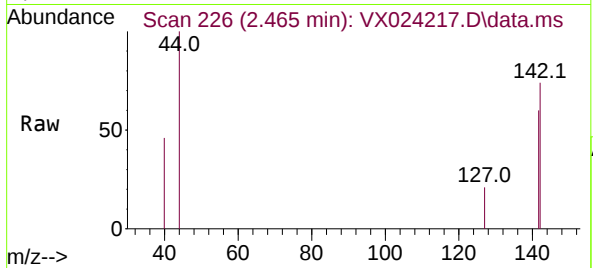




#10
Methyl Iodide
Concen: 0.279 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX024217.D
Acq: 14 Sep 2021 19:02

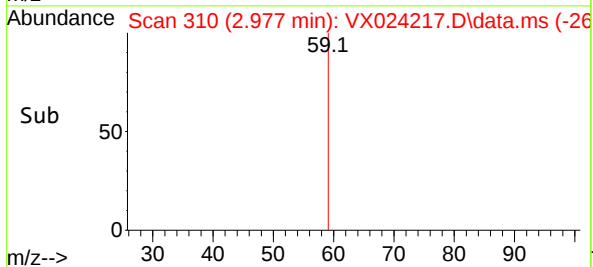
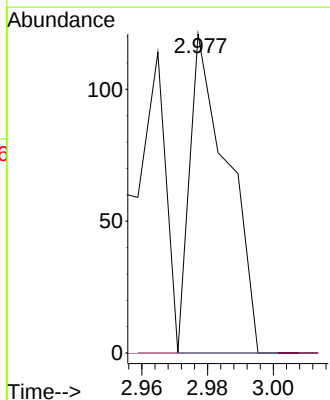
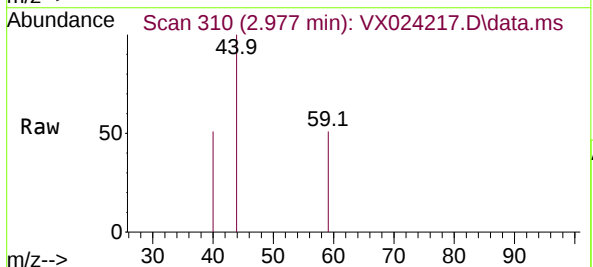
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW7-DUP-20210913

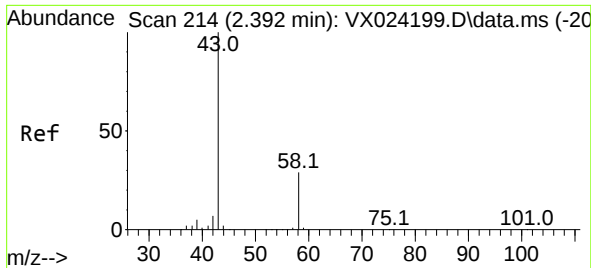
Tgt Ion:142 Resp: 503
Ion Ratio Lower Upper
142 100
127 9.5 33.3 49.9#
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.977 min Scan# 310
Delta R.T. -0.006 min
Lab File: VX024217.D
Acq: 14 Sep 2021 19:02

Tgt Ion: 59 Resp: 97
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

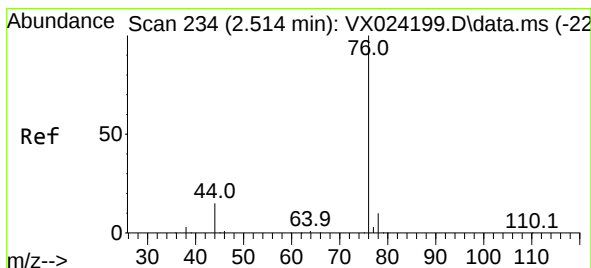
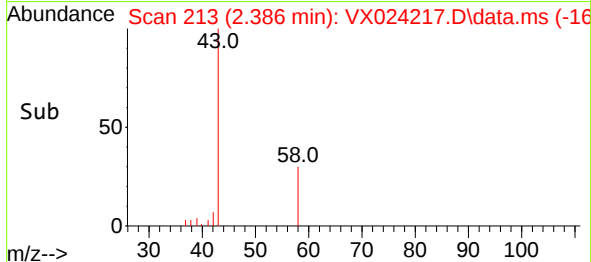
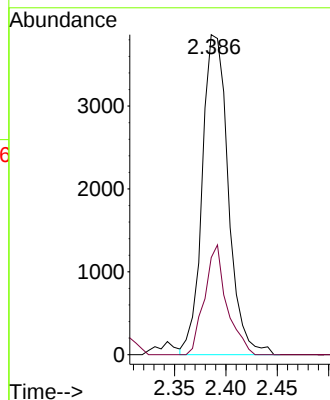
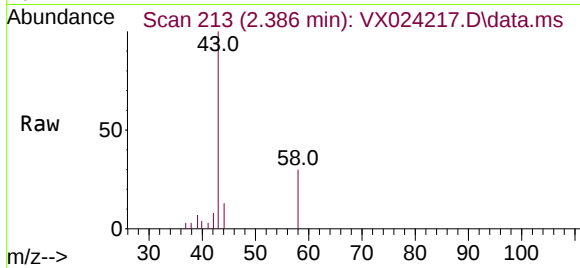




#16
Acetone
Concen: 8.453 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX024217.D
Acq: 14 Sep 2021 19:02

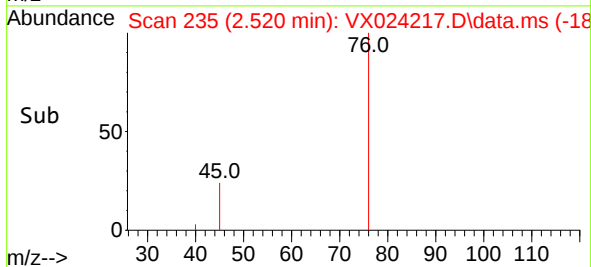
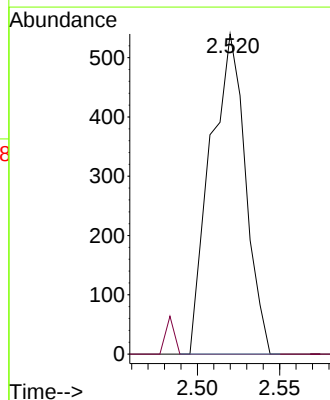
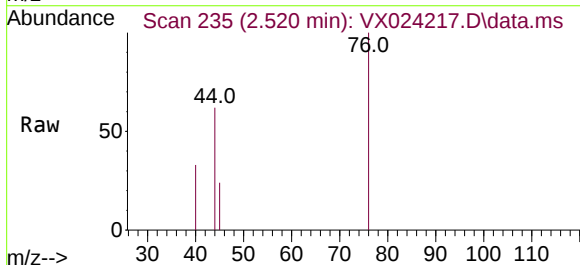
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW7-DUP-20210913

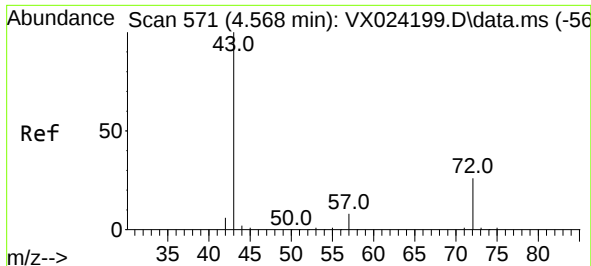
Tgt Ion: 43 Resp: 6814
Ion Ratio Lower Upper
43 100
58 30.3 27.8 41.8



#17
Carbon Disulfide
Concen: 0.262 ug/l
RT: 2.520 min Scan# 235
Delta R.T. 0.006 min
Lab File: VX024217.D
Acq: 14 Sep 2021 19:02

Tgt Ion: 76 Resp: 803
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#





#25

2-Butanone

Concen: 0.861 ug/l

RT: 4.580 min Scan# 573

Delta R.T. 0.012 min

Lab File: VX024217.D

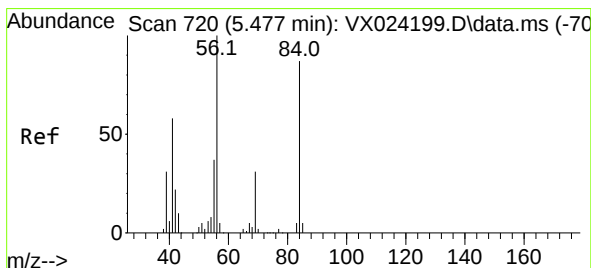
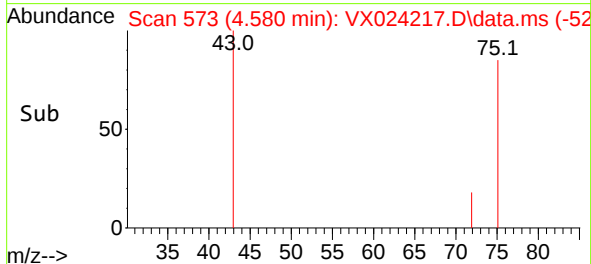
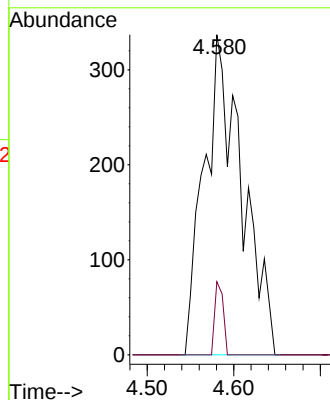
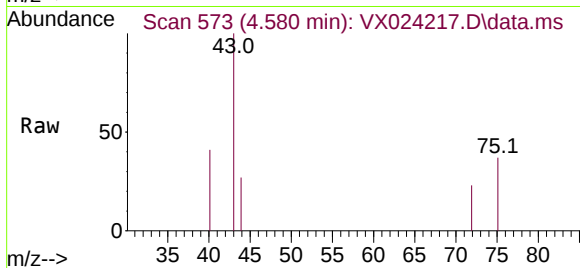
Acq: 14 Sep 2021 19:02

Tgt Ion: 43 Resp: 1022

Ion Ratio Lower Upper

43 100

72 22.8 23.7 35.5#



#31

Cyclohexane

Concen: 1.357 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.079 min

Lab File: VX024217.D

Acq: 14 Sep 2021 19:02

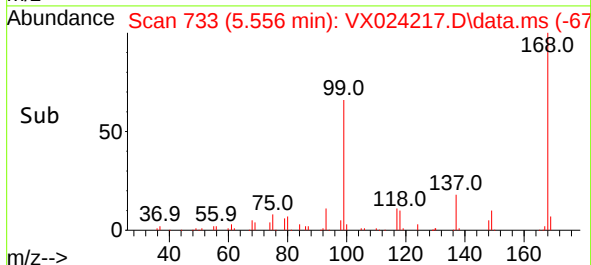
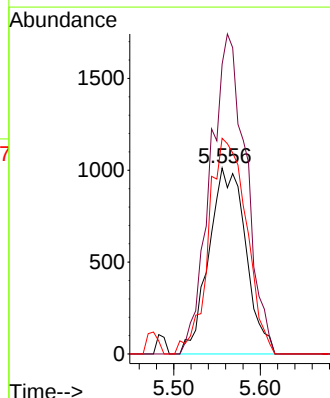
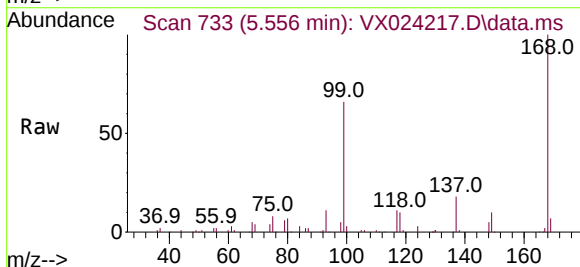
Tgt Ion: 56 Resp: 3001

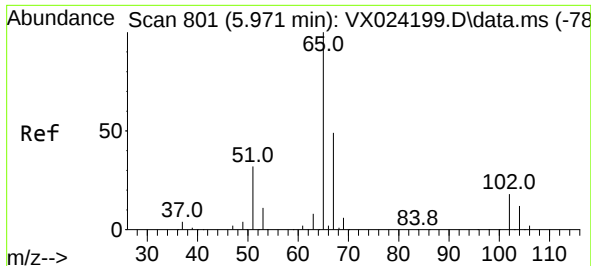
Ion Ratio Lower Upper

56 100

69 155.8 25.3 37.9#

84 116.0 71.4 107.0#





#33

1,2-Dichloroethane-d4

Concen: 51.379 ug/l

RT: 5.964 min Scan# 800

Delta R.T. -0.007 min

Lab File: VX024217.D

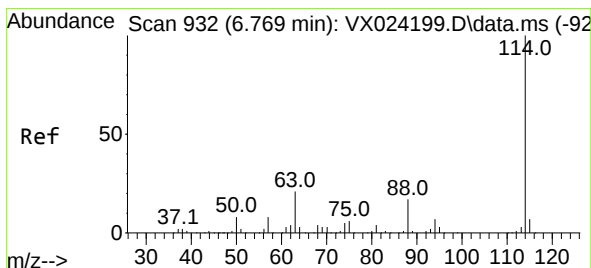
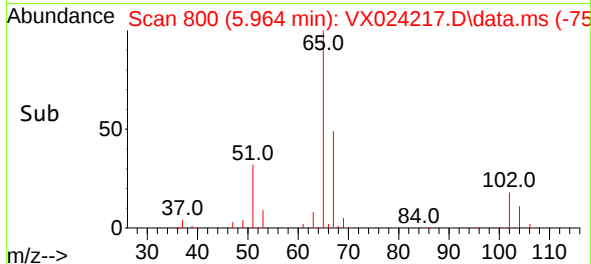
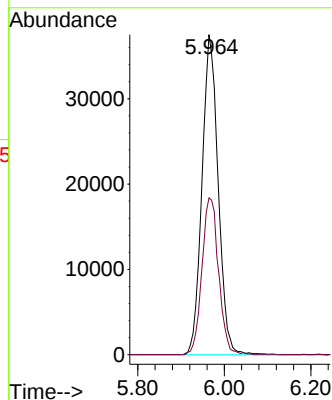
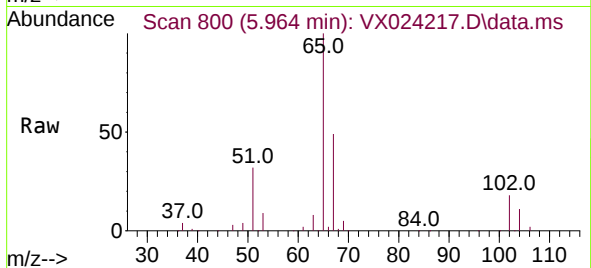
Acq: 14 Sep 2021 19:02

Tgt Ion: 65 Resp: 97128

Ion Ratio Lower Upper

65 100

67 50.4 0.0 105.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX024217.D

Acq: 14 Sep 2021 19:02

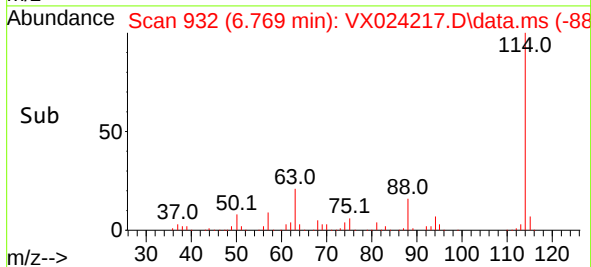
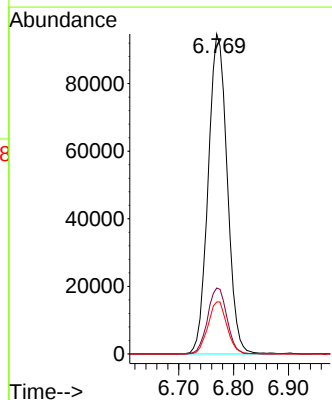
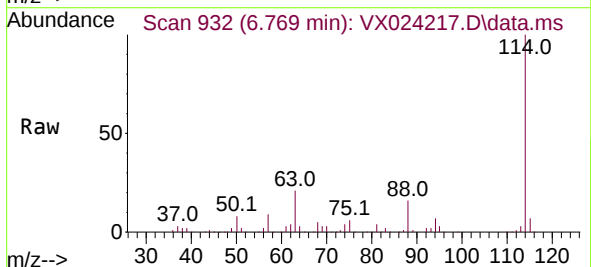
Tgt Ion: 114 Resp: 227645

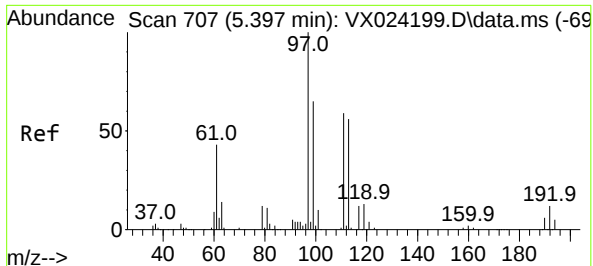
Ion Ratio Lower Upper

114 100

63 20.6 0.0 40.8

88 16.2 0.0 32.8





#35

Dibromofluoromethane

Concen: 50.627 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.000 min

Lab File: VX024217.D

Acq: 14 Sep 2021 19:02

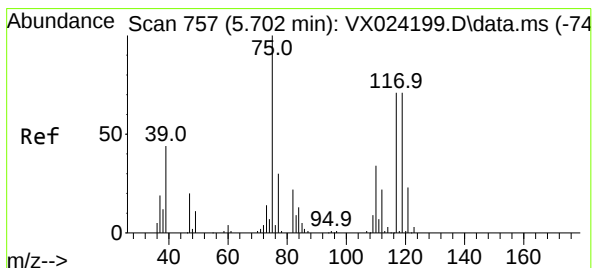
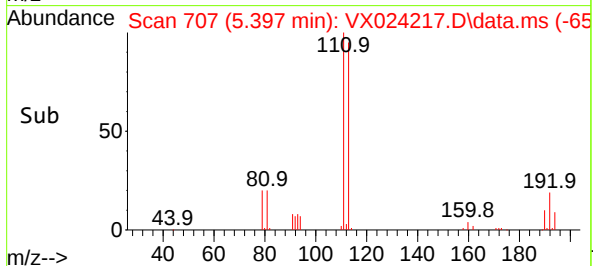
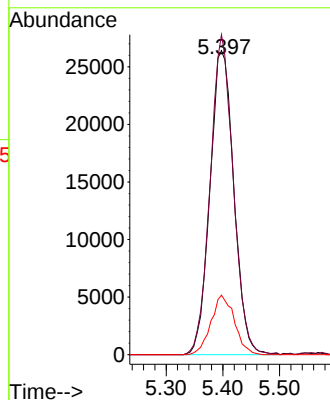
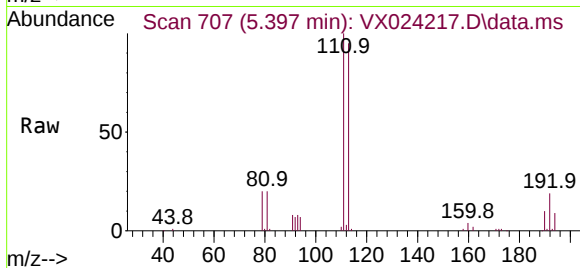
Tgt Ion:113 Resp: 77291

Ion Ratio Lower Upper

113 100

111 101.6 81.9 122.9

192 19.2 16.7 25.1



#36

1,1-Dichloropropene

Concen: 4.884 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.140 min

Lab File: VX024217.D

Acq: 14 Sep 2021 19:02

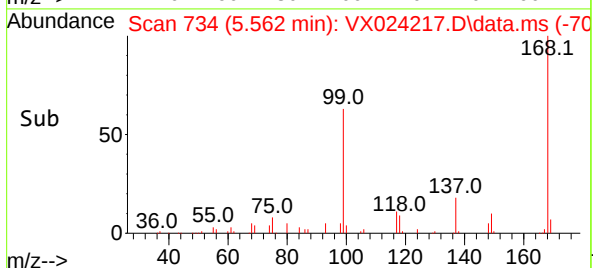
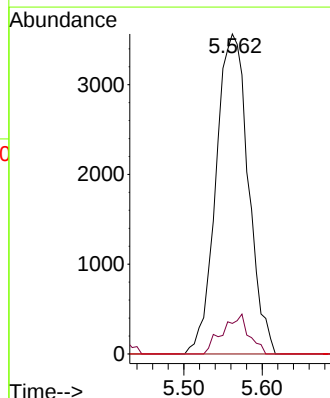
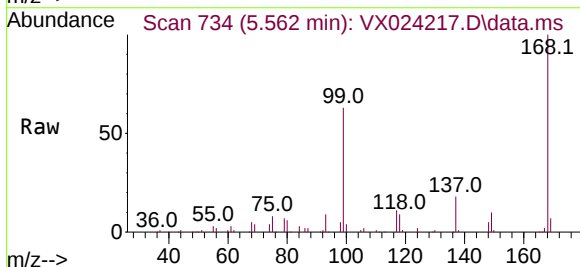
Tgt Ion: 75 Resp: 10223

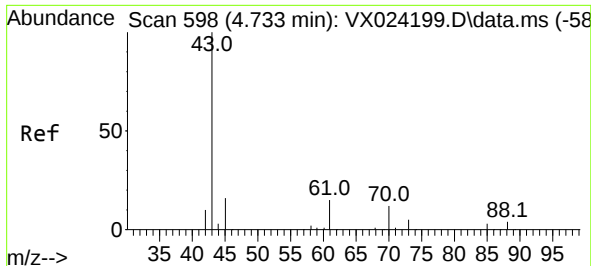
Ion Ratio Lower Upper

75 100

110 10.1 18.1 54.4#

77 0.0 25.3 37.9#





#37

Ethyl Acetate

Concen: 0.419 ug/l

RT: 4.580 min Scan# 573

Delta R.T. -0.153 min

Lab File: VX024217.D

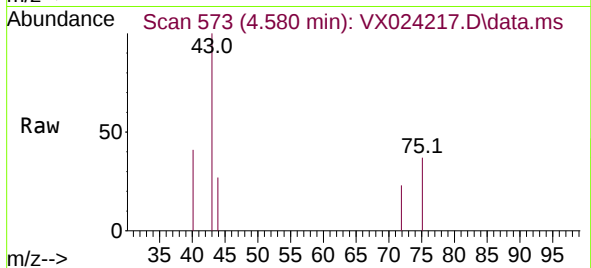
Acq: 14 Sep 2021 19:02

Instrument :

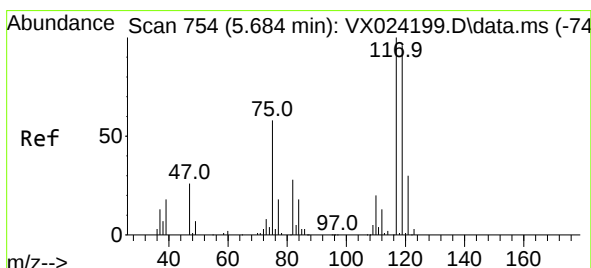
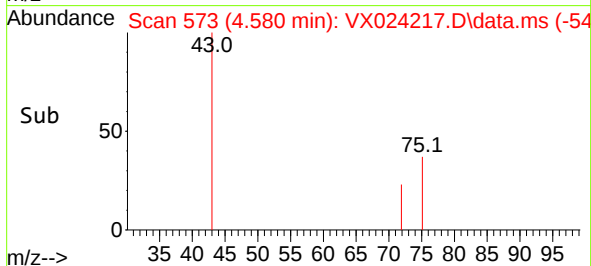
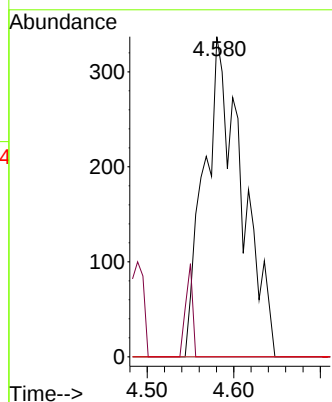
MSVOA_X

ClientSampleId :

BP-TT-VPB-RW7-DUP-20210913



Tgt Ion: 43	Resp: 1022
Ion Ratio	Lower Upper
43 100	
61 0.0	12.8 19.2#
70 0.0	10.5 15.7#



#38

Carbon Tetrachloride

Concen: 5.825 ug/l

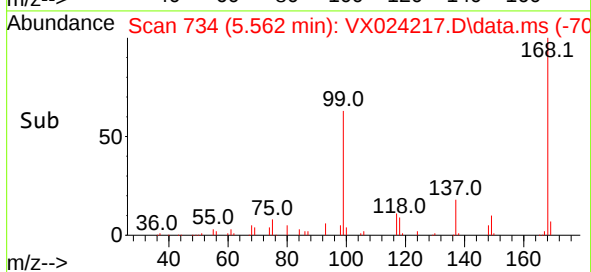
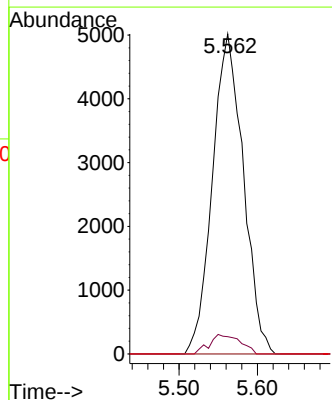
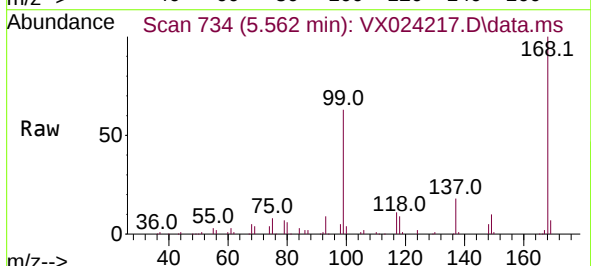
RT: 5.562 min Scan# 734

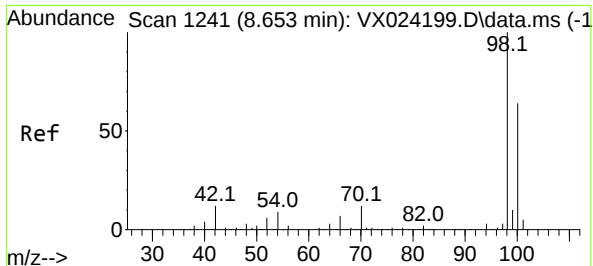
Delta R.T. -0.122 min

Lab File: VX024217.D

Acq: 14 Sep 2021 19:02

Tgt Ion: 117	Resp: 13722
Ion Ratio	Lower Upper
117 100	
119 5.4	76.2 114.2#
121 0.0	24.8 37.2#

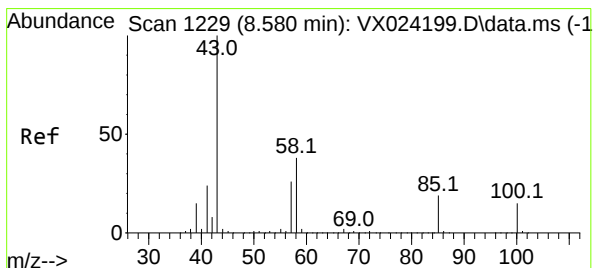
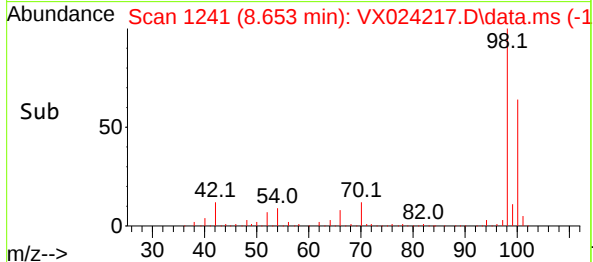
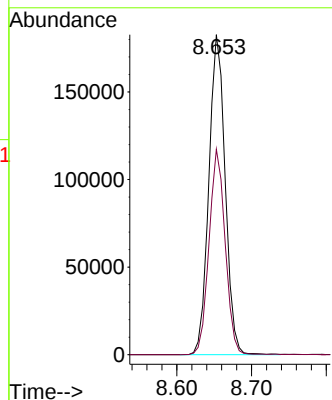
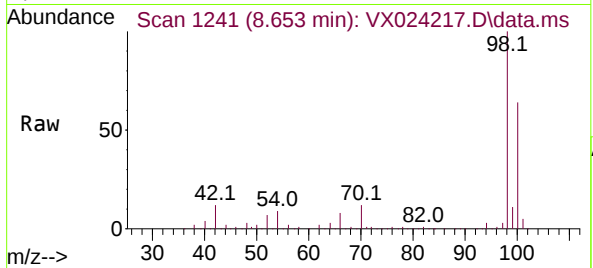




#50
Toluene-d8
Concen: 49.783 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024217.D
Acq: 14 Sep 2021 19:02

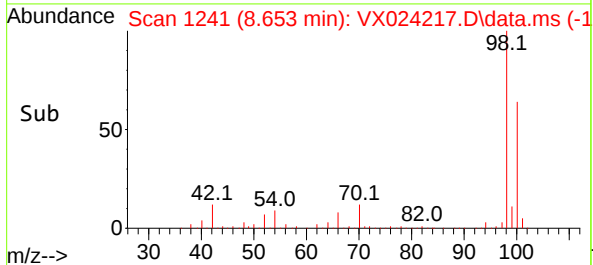
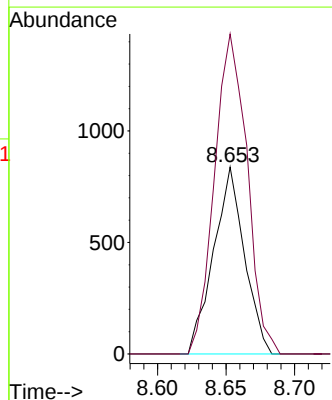
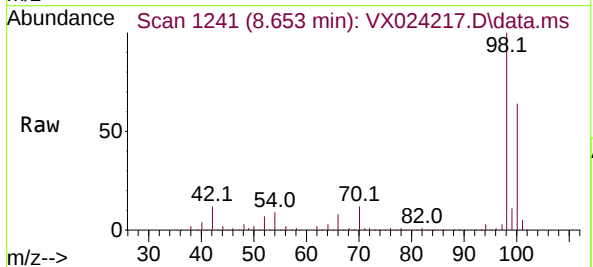
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW7-DUP-20210913

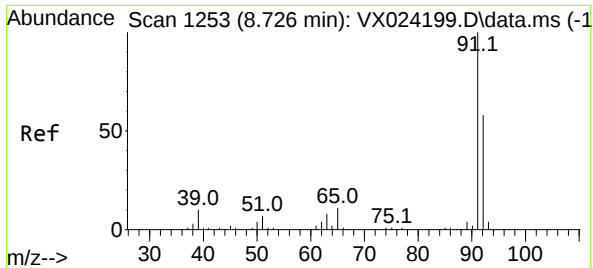
Tgt Ion: 98 Resp: 276874
Ion Ratio Lower Upper
98 100
100 63.5 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.532 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX024217.D
Acq: 14 Sep 2021 19:02

Tgt Ion: 43 Resp: 1317
Ion Ratio Lower Upper
43 100
58 180.6 35.4 53.0#

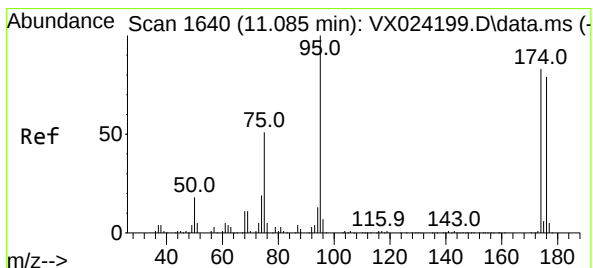
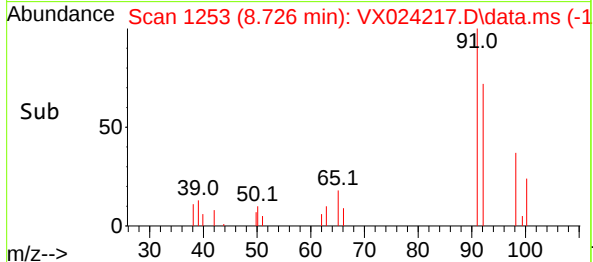
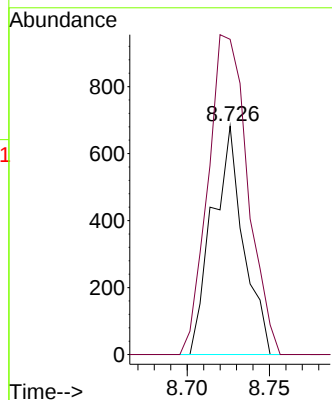
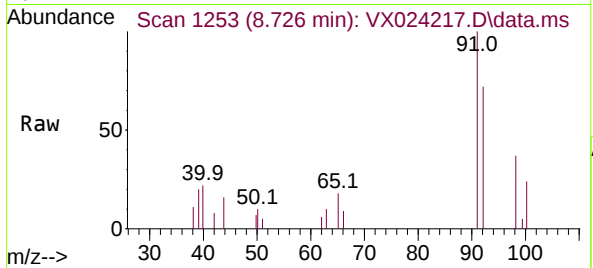




#52
Toluene
Concen: 0.228 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.000 min
Lab File: VX024217.D
Acq: 14 Sep 2021 19:02

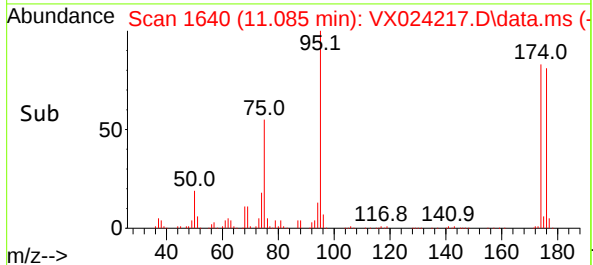
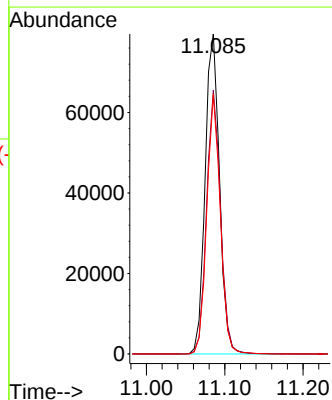
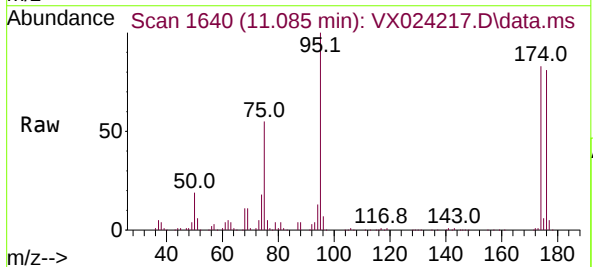
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW7-DUP-20210913

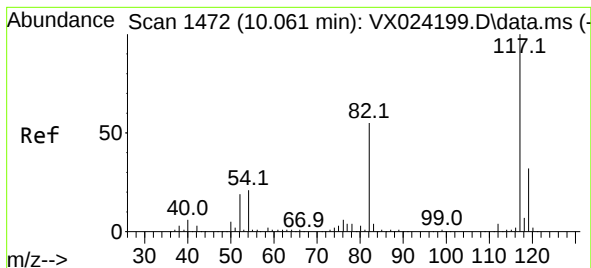
Tgt Ion: 92 Resp: 899
Ion Ratio Lower Upper
92 100
91 178.8 137.1 205.7



#62
4-Bromofluorobenzene
Concen: 46.662 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024217.D
Acq: 14 Sep 2021 19:02

Tgt Ion: 95 Resp: 100996
Ion Ratio Lower Upper
95 100
174 80.3 0.0 154.6
176 76.3 0.0 155.8

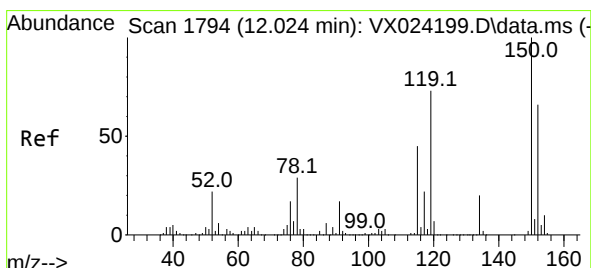
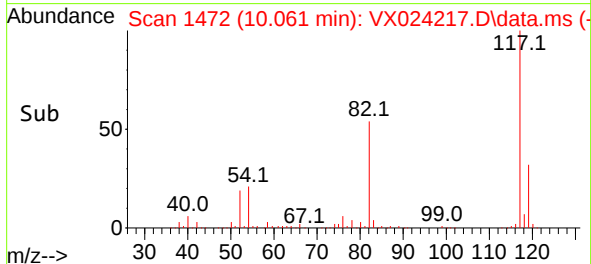
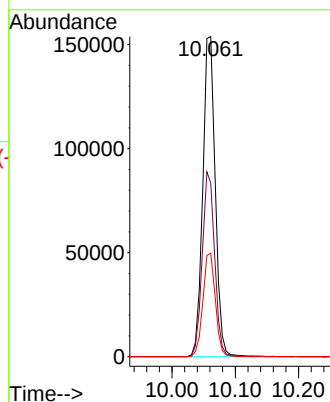
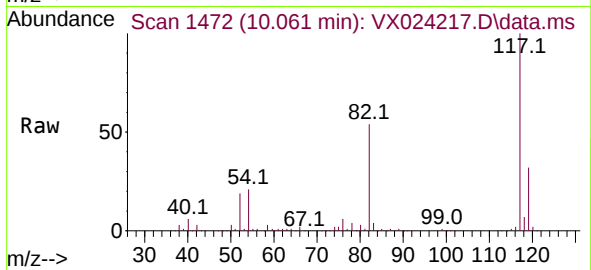




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX024217.D
Acq: 14 Sep 2021 19:02

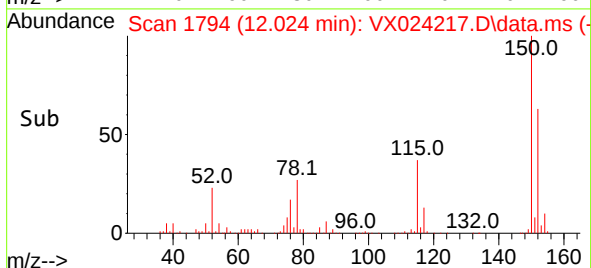
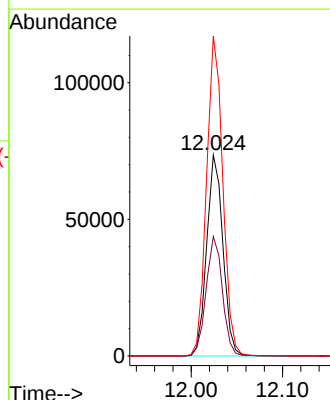
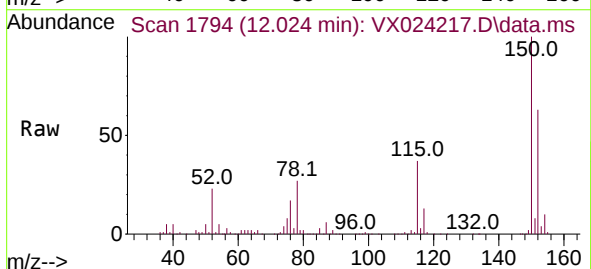
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW7-DUP-20210913

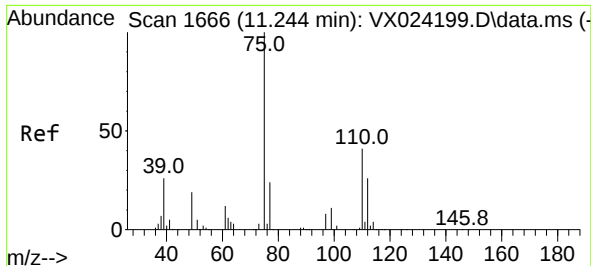
Tgt Ion:117 Resp: 211695
Ion Ratio Lower Upper
117 100
82 54.3 47.4 71.2
119 32.3 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024217.D
Acq: 14 Sep 2021 19:02

Tgt Ion:152 Resp: 90437
Ion Ratio Lower Upper
152 100
115 59.7 41.1 123.3
150 159.2 0.0 349.0

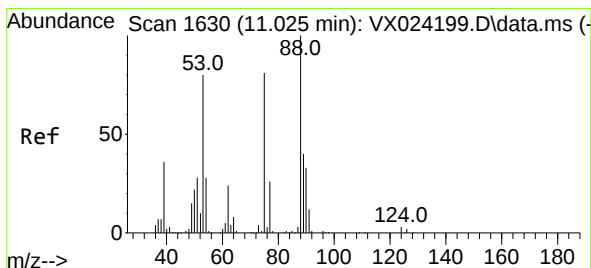
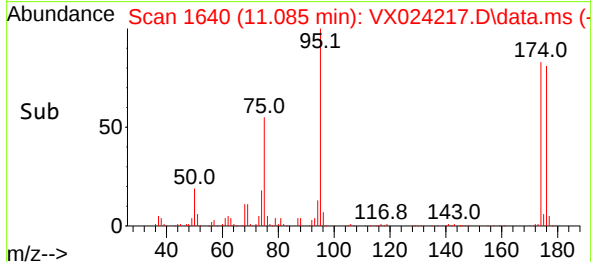
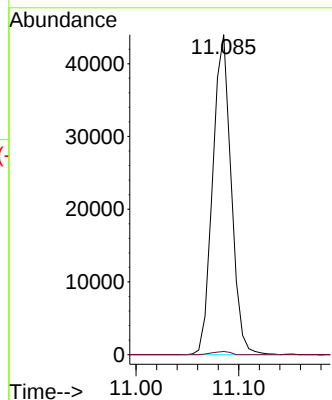
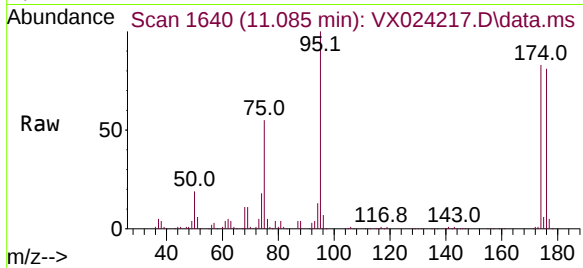




#76
1,2,3-Trichloropropane
Concen: 26.348 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024217.D
Acq: 14 Sep 2021 19:02

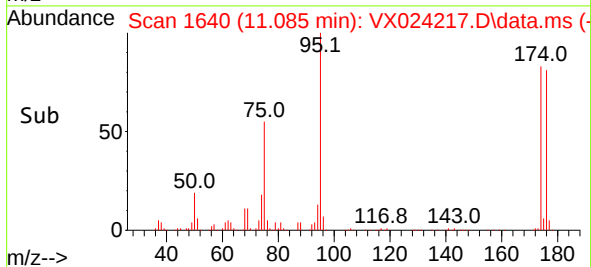
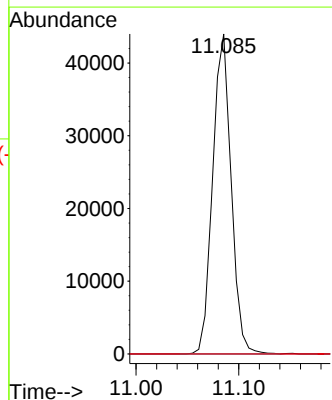
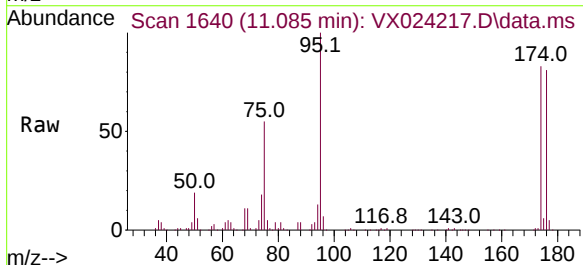
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW7-DUP-20210913

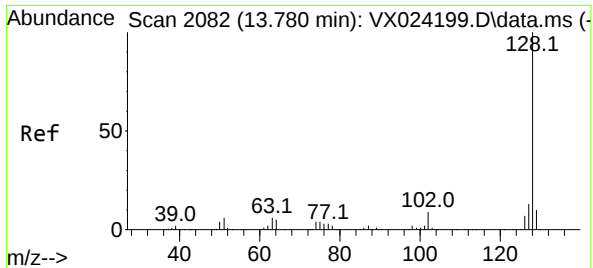
Tgt Ion: 75 Resp: 54792
Ion Ratio Lower Upper
75 100
77 0.9 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 77.491 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX024217.D
Acq: 14 Sep 2021 19:02

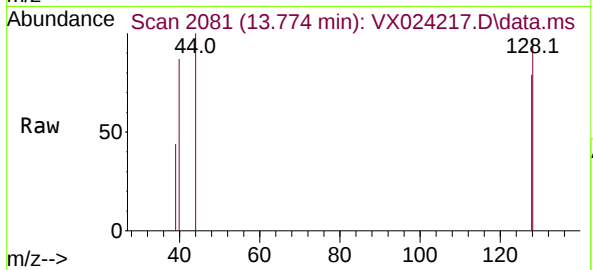
Tgt Ion: 75 Resp: 54792
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#





#95
Naphthalene
Concen: 1.331 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VX024217.D
Acq: 14 Sep 2021 19:02

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW7-DUP-20210913



Tgt Ion:	128	Resp:	294
Ion	Ratio	Lower	Upper
128	100		
127	9.9	10.3	15.5#
129	0.0	8.8	13.2#

