

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092021\
 Data File : VX024361.D
 Acq On : 20 Sep 2021 19:14
 Operator : JC/MD
 Sample : M3818-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-VPB-RW7-GW-885-887

Quant Time: Sep 21 08:43:11 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)

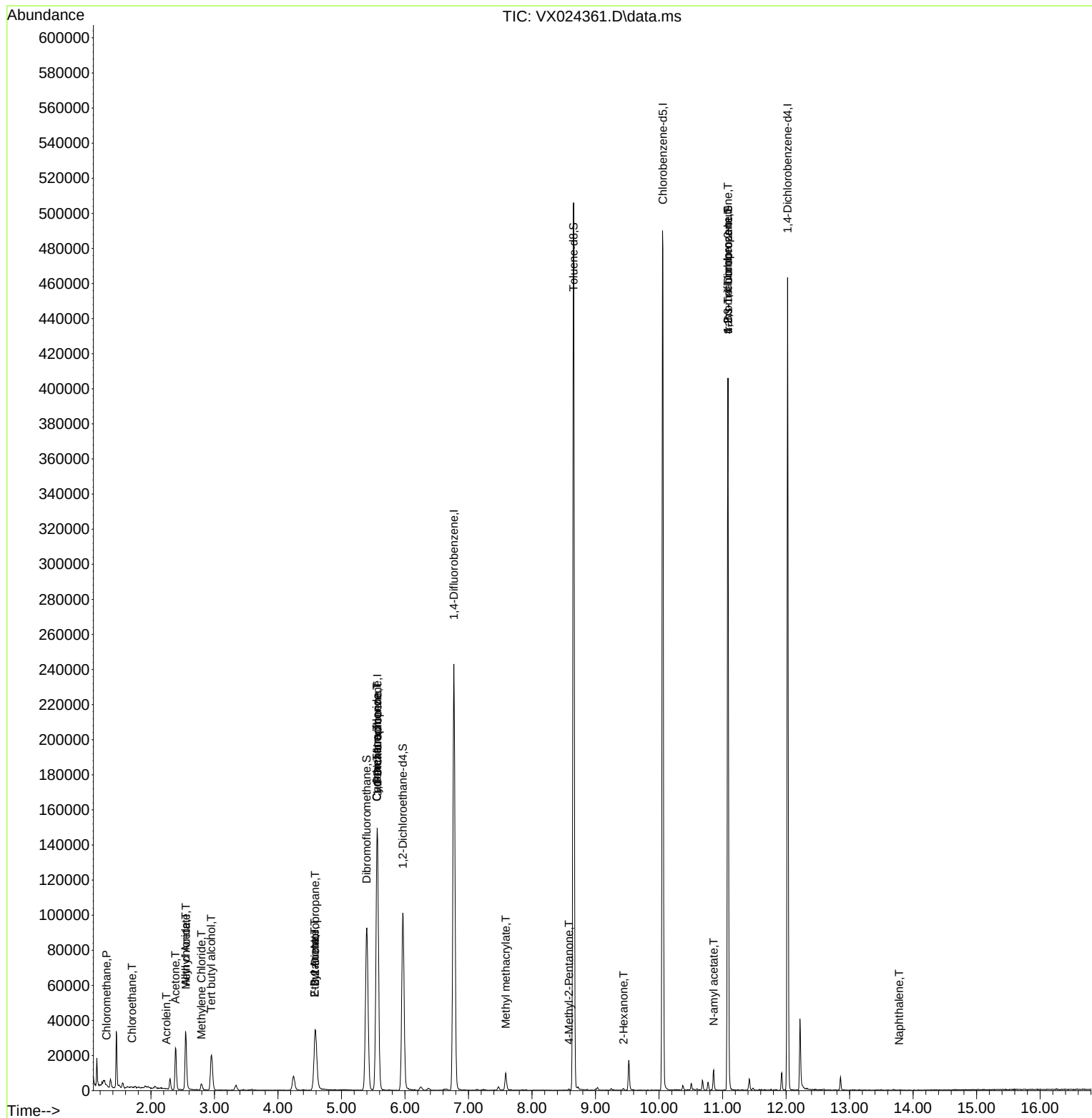
Internal Standards						
1) Pentafluorobenzene	5.562	168	137296	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	234774	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	226920	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	92335	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	103255	52.740	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 105.480%	
35) Dibromofluoromethane	5.397	113	81100	51.509	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.020%	
50) Toluene-d8	8.653	98	296185	51.638	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 103.280%	
62) 4-Bromofluorobenzene	11.085	95	105143	47.103	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 94.200%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.301	50	441	0.320	ug/l	98
6) Chloroethane	1.703	64	240	2.208	ug/l #	43
11) Tert butyl alcohol	2.947	59	13411	12.391	ug/l #	80
13) Acrolein	2.239	56	93	0.721	ug/l	93
14) Allyl chloride	2.544	41	3495	1.519	ug/l #	54
16) Acetone	2.386	43	25567	30.627	ug/l	95
18) Methyl Acetate	2.550	43	9583	3.662	ug/l #	47
20) Methylene Chloride	2.794	84	1714	1.069	ug/l #	83
25) 2-Butanone	4.574	43	7167	5.829	ug/l #	79
26) 2,2-Dichloropropane	4.587	77	2346	1.010	ug/l #	52
31) Cyclohexane	5.556	56	2918	1.274	ug/l #	27
36) 1,1-Dichloropropene	5.568	75	11533	5.343	ug/l #	48
37) Ethyl Acetate	4.574	43	7167	2.850	ug/l #	73
38) Carbon Tetrachloride	5.556	117	14069	5.791	ug/l #	16
48) Methyl methacrylate	7.586	41	2643	1.323	ug/l #	36
51) 4-Methyl-2-Pentanone	8.580	43	538	0.211	ug/l	92
59) 2-Hexanone	9.439	43	586	0.295	ug/l	76
74) N-amyl acetate	10.860	43	1682	0.581	ug/l #	24
76) 1,2,3-Trichloropropane	11.085	75	55483	26.132	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	55483	76.855	ug/l #	12
95) Naphthalene	13.780	128	104	1.302	ug/l #	69

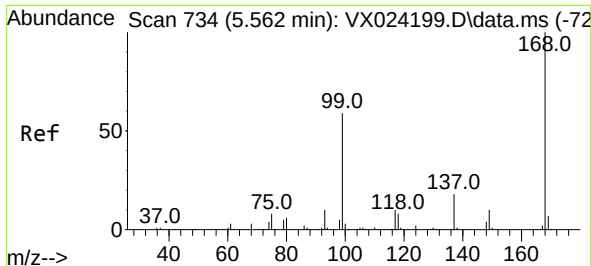
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092021\
Data File : VX024361.D
Acq On : 20 Sep 2021 19:14
Operator : JC/MD
Sample : M3818-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW7-GW-885-887

Quant Time: Sep 21 08:43:11 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

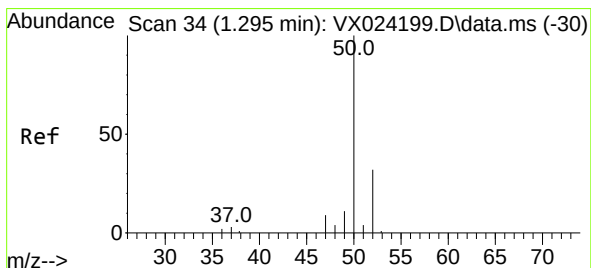
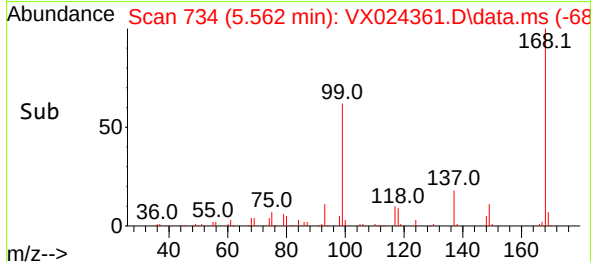
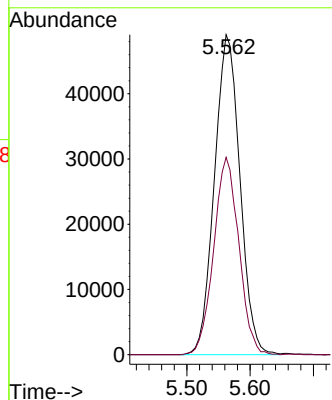
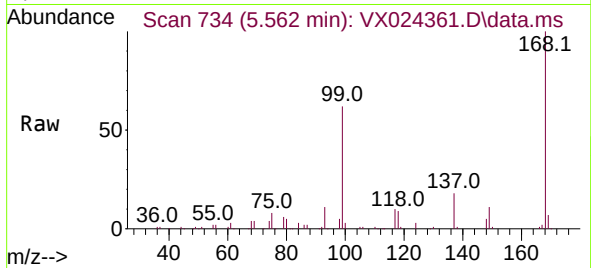




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX024361.D
Acq: 20 Sep 2021 19:14

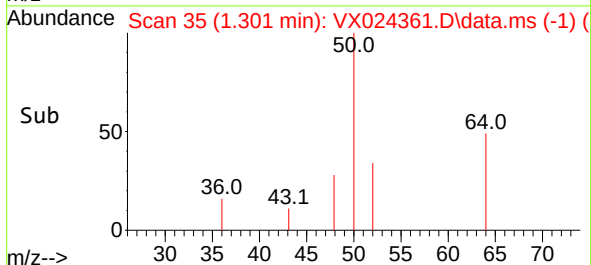
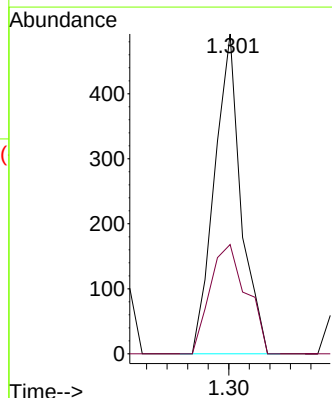
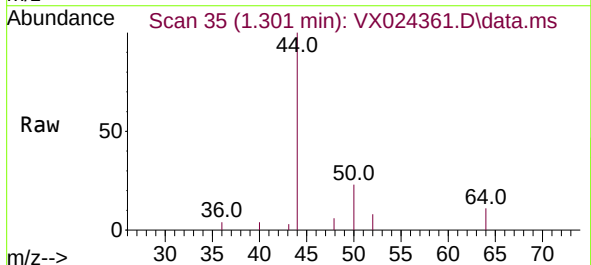
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW7-GW-885-887

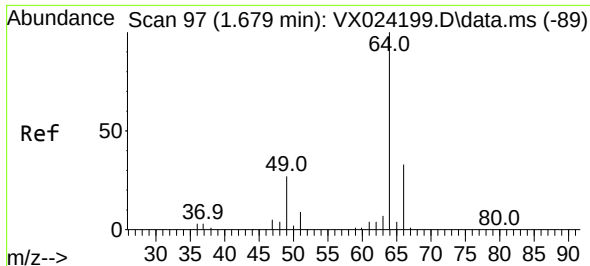
Tgt Ion:168 Resp: 137296
Ion Ratio Lower Upper
168 100
99 61.6 45.8 68.6



#3
Chloromethane
Concen: 0.320 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.006 min
Lab File: VX024361.D
Acq: 20 Sep 2021 19:14

Tgt Ion: 50 Resp: 441
Ion Ratio Lower Upper
50 100
52 34.1 26.4 39.6

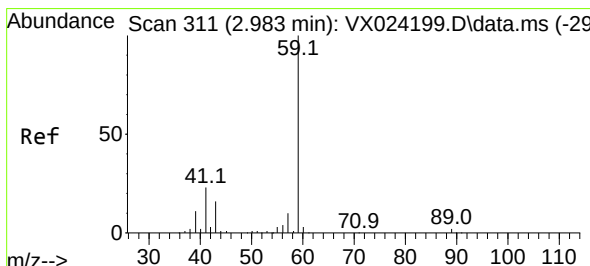
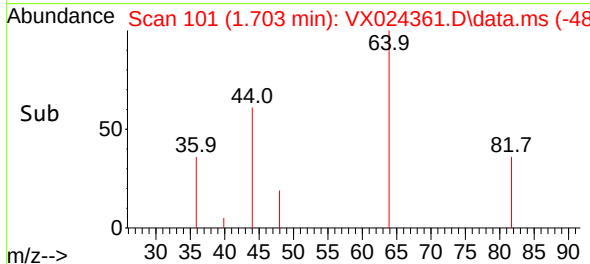
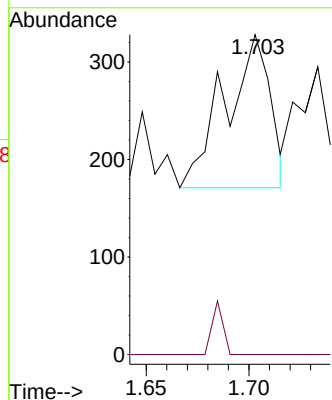
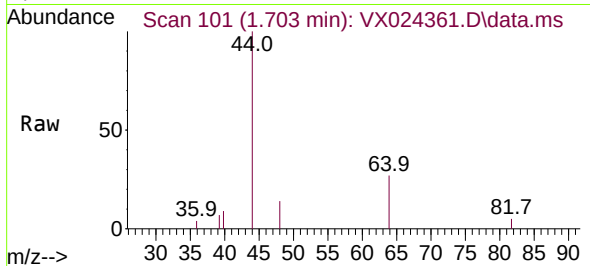




#6
Chloroethane
Concen: 2.208 ug/l
RT: 1.703 min Scan# 101
Delta R.T. 0.024 min
Lab File: VX024361.D
Acq: 20 Sep 2021 19:14

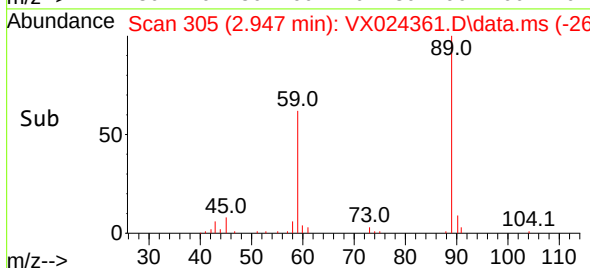
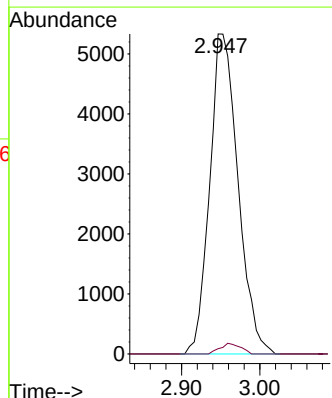
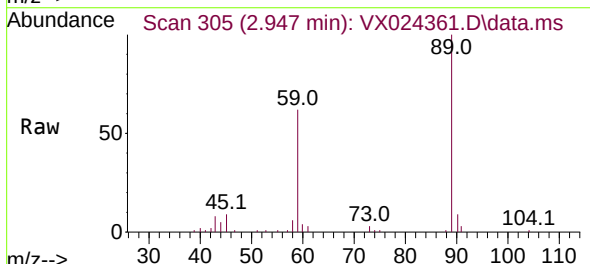
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW7-GW-885-887

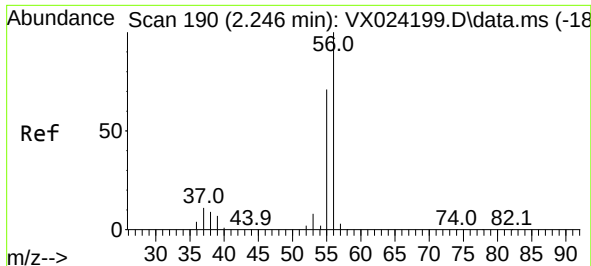
Tgt Ion: 64 Resp: 240
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



#11
Tert butyl alcohol
Concen: 12.391 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.036 min
Lab File: VX024361.D
Acq: 20 Sep 2021 19:14

Tgt Ion: 59 Resp: 13411
Ion Ratio Lower Upper
59 100
57 2.4 7.8 11.8#

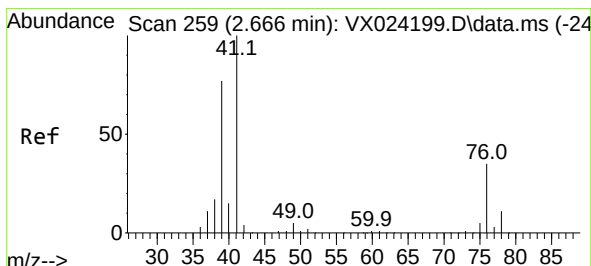
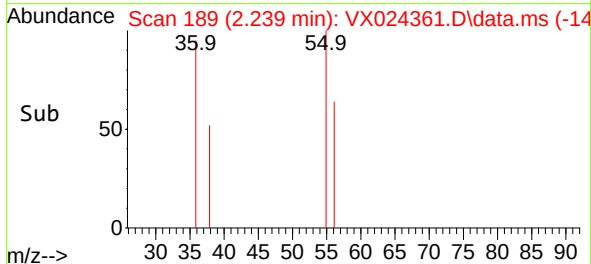
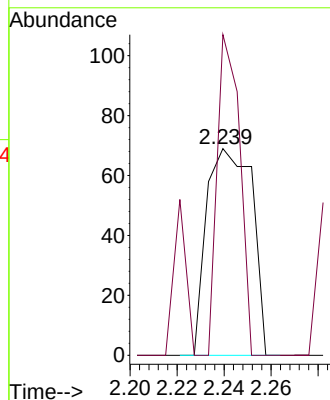
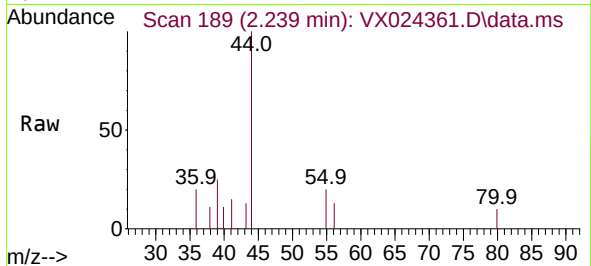




#13
Acrolein
Concen: 0.721 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.007 min
Lab File: VX024361.D
Acq: 20 Sep 2021 19:14

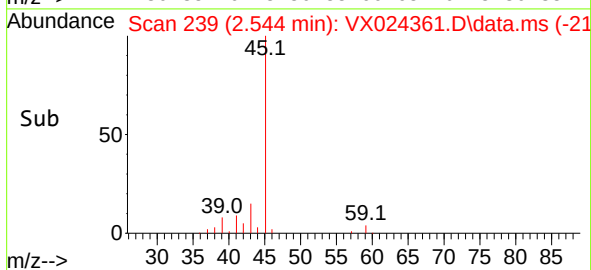
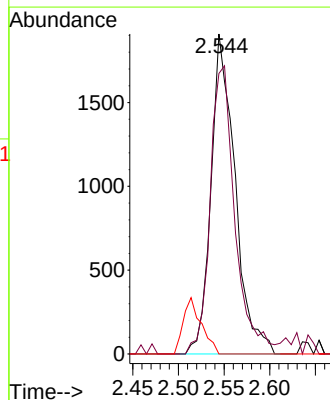
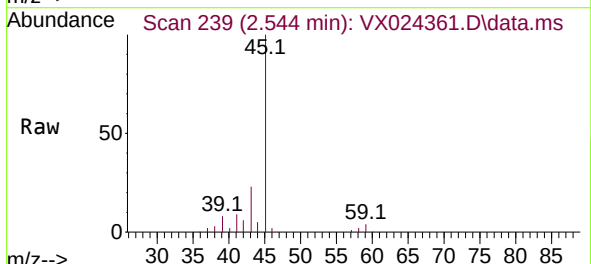
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW7-GW-885-887

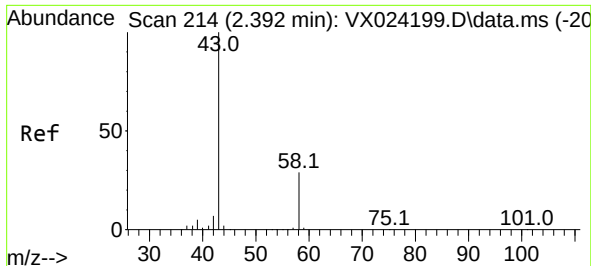
Tgt Ion: 56 Resp: 93
Ion Ratio Lower Upper
56 100
55 76.3 56.4 84.6



#14
Allyl chloride
Concen: 1.519 ug/l
RT: 2.544 min Scan# 239
Delta R.T. -0.122 min
Lab File: VX024361.D
Acq: 20 Sep 2021 19:14

Tgt Ion: 41 Resp: 3495
Ion Ratio Lower Upper
41 100
39 92.8 51.6 77.4#
76 0.0 30.5 45.7#

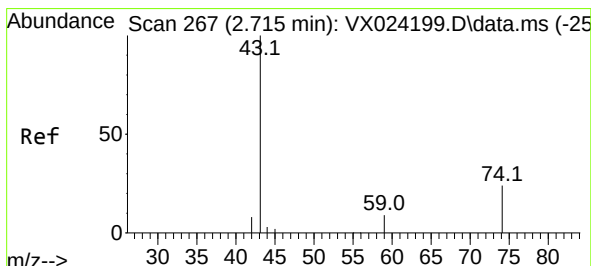
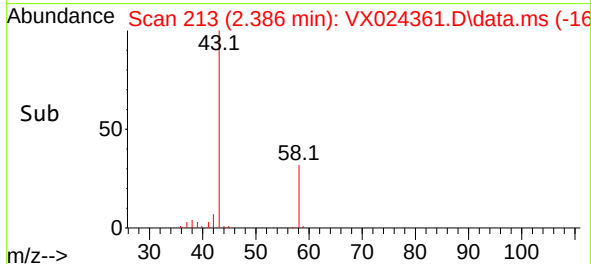
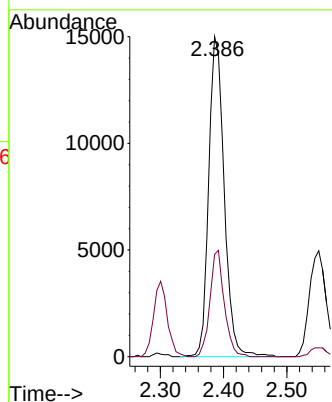
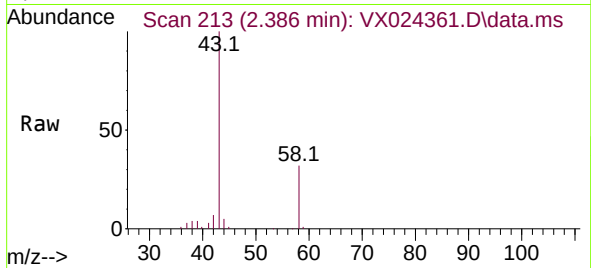




#16
Acetone
Concen: 30.627 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX024361.D
Acq: 20 Sep 2021 19:14

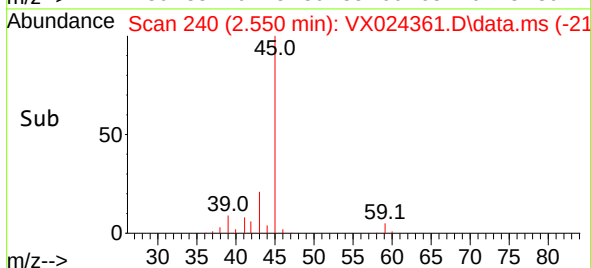
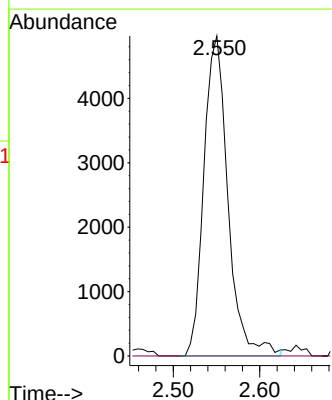
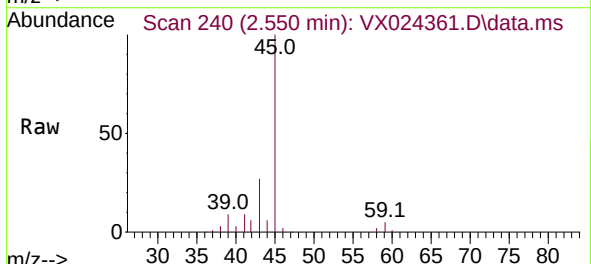
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW7-GW-885-887

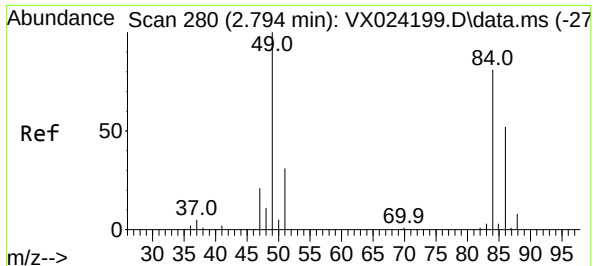
Tgt Ion: 43 Resp: 25567
Ion Ratio Lower Upper
43 100
58 32.0 27.8 41.8



#18
Methyl Acetate
Concen: 3.662 ug/l
RT: 2.550 min Scan# 240
Delta R.T. -0.165 min
Lab File: VX024361.D
Acq: 20 Sep 2021 19:14

Tgt Ion: 43 Resp: 9583
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#





#20

Methylene Chloride

Concen: 1.069 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.000 min

Lab File: VX024361.D

Acq: 20 Sep 2021 19:14

Tgt Ion: 84 Resp: 1714

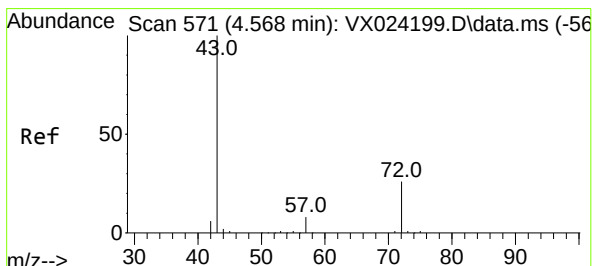
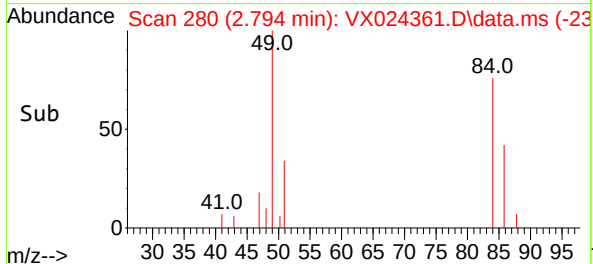
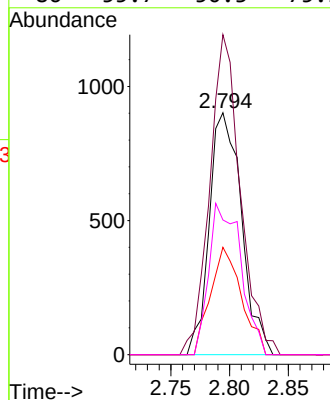
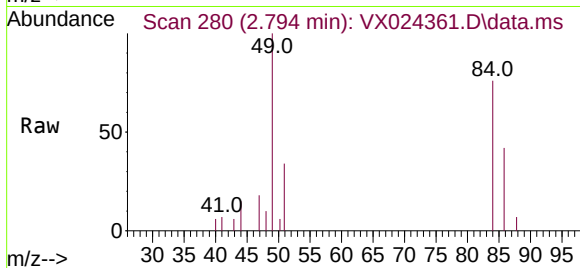
Ion Ratio Lower Upper

84 100

49 132.3 88.6 132.8

51 44.3 27.0 40.6#

86 55.7 50.3 75.5



#25

2-Butanone

Concen: 5.829 ug/l

RT: 4.574 min Scan# 572

Delta R.T. 0.006 min

Lab File: VX024361.D

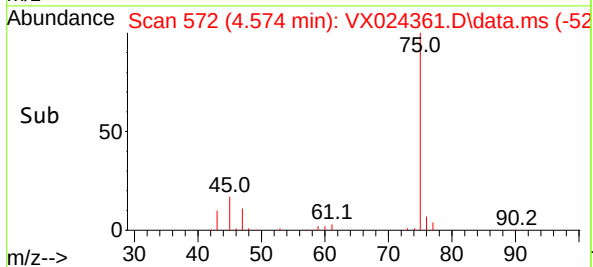
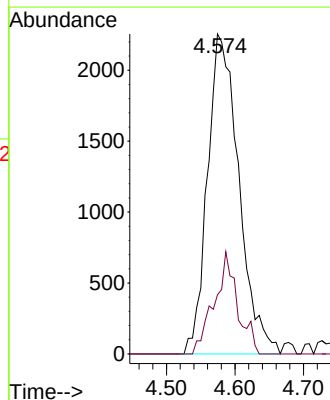
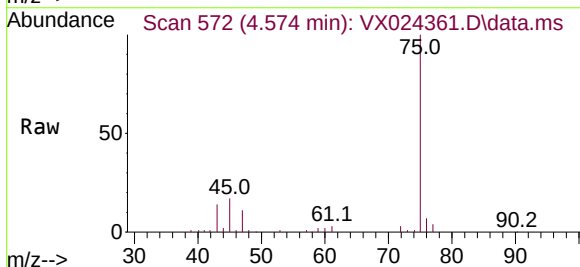
Acq: 20 Sep 2021 19:14

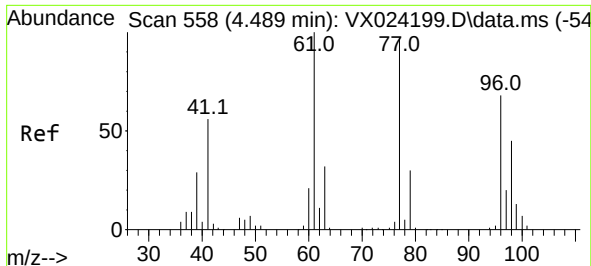
Tgt Ion: 43 Resp: 7167

Ion Ratio Lower Upper

43 100

72 18.5 23.7 35.5#





#26

2,2-Dichloropropane

Concen: 1.010 ug/l

RT: 4.587 min Scan# 574

Delta R.T. 0.098 min

Lab File: VX024361.D

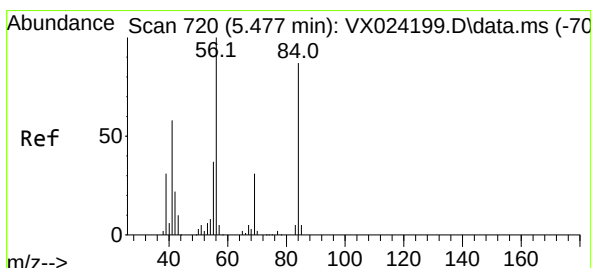
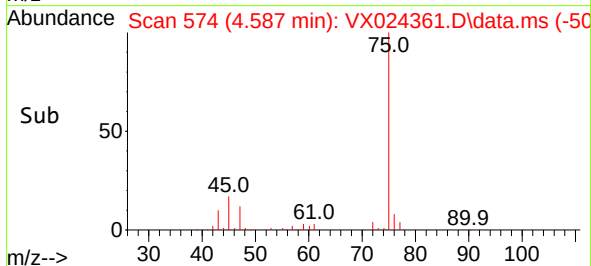
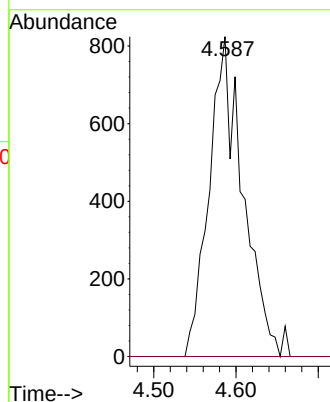
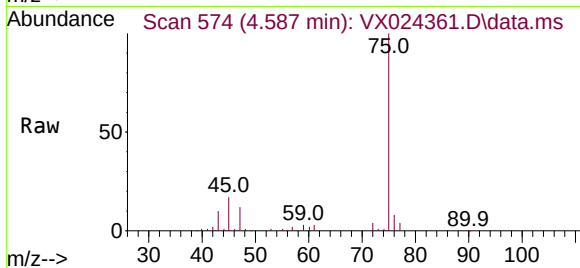
Acq: 20 Sep 2021 19:14

Tgt Ion: 77 Resp: 2346

Ion Ratio Lower Upper

77 100

97 0.0 11.7 35.1#



#31

Cyclohexane

Concen: 1.274 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.079 min

Lab File: VX024361.D

Acq: 20 Sep 2021 19:14

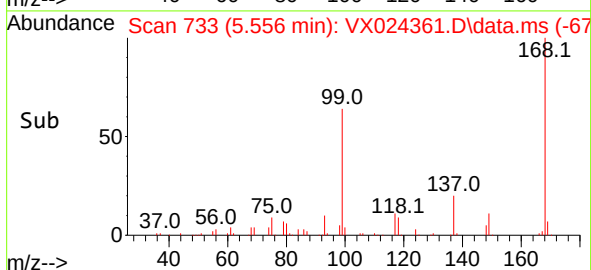
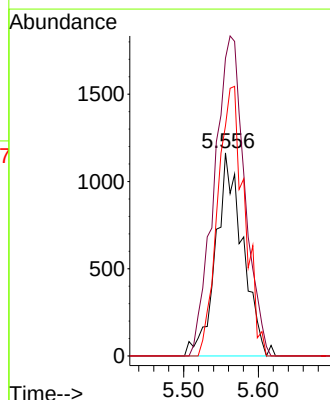
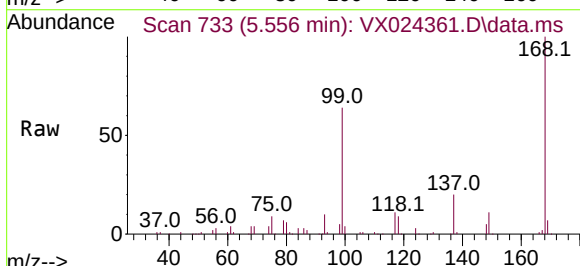
Tgt Ion: 56 Resp: 2918

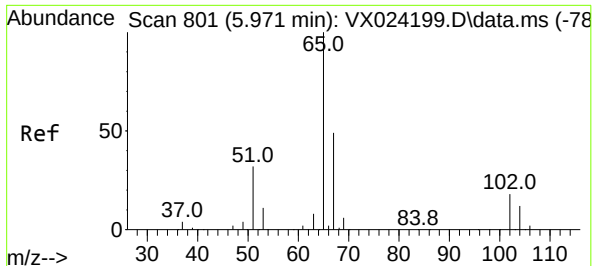
Ion Ratio Lower Upper

56 100

69 146.6 25.3 37.9#

84 113.4 71.4 107.0#





#33

1,2-Dichloroethane-d4

Concen: 52.740 ug/l

RT: 5.964 min Scan# 800

Delta R.T. -0.007 min

Lab File: VX024361.D

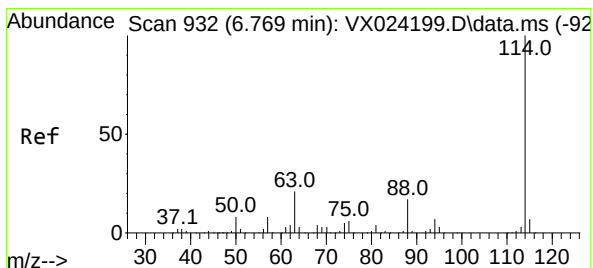
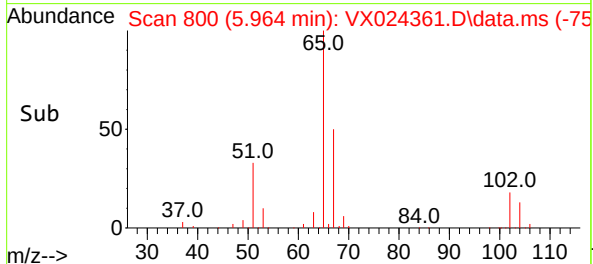
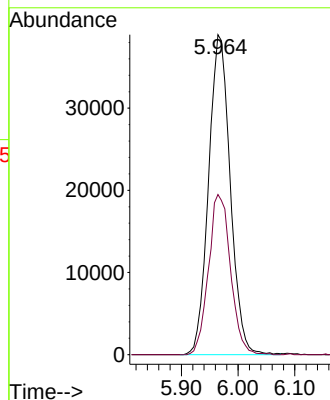
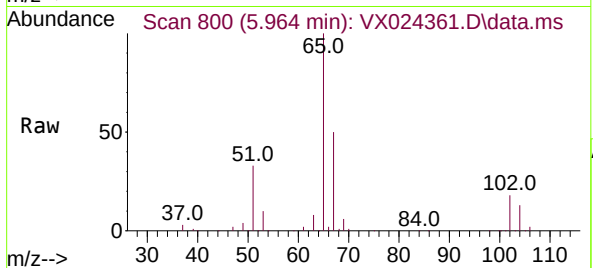
Acq: 20 Sep 2021 19:14

Tgt Ion: 65 Resp: 103255

Ion Ratio Lower Upper

65 100

67 50.9 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: VX024361.D

Acq: 20 Sep 2021 19:14

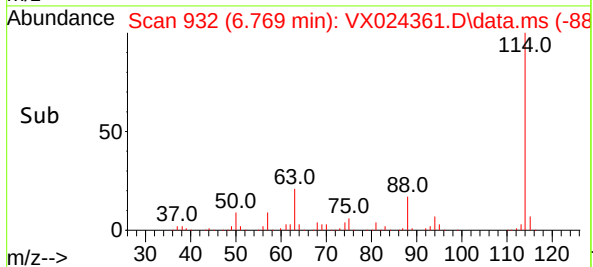
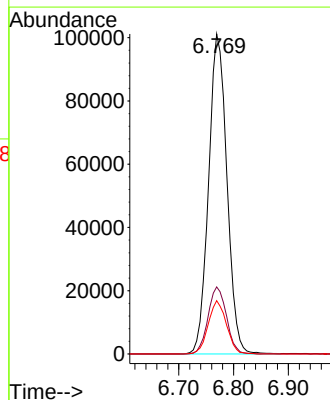
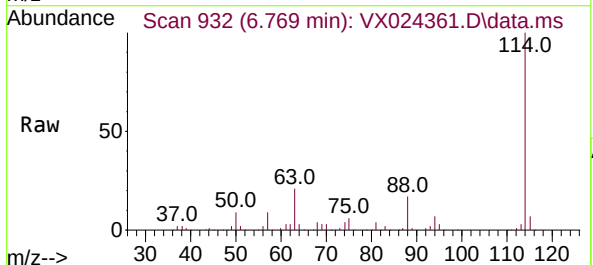
Tgt Ion: 114 Resp: 234774

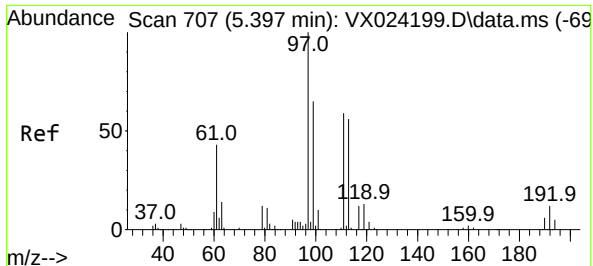
Ion Ratio Lower Upper

114 100

63 21.0 0.0 40.8

88 16.7 0.0 32.8





#35

Dibromofluoromethane

Concen: 51.509 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.000 min

Lab File: VX024361.D

Acq: 20 Sep 2021 19:14

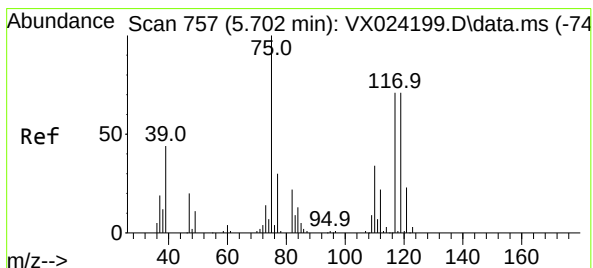
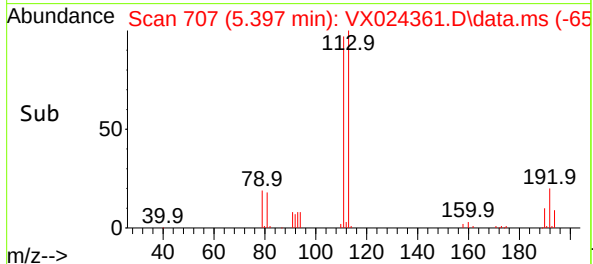
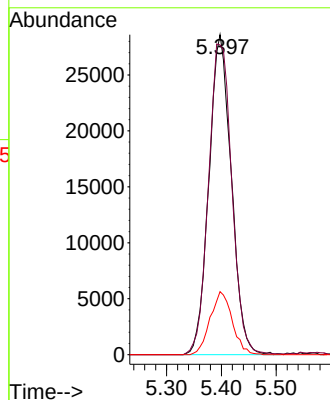
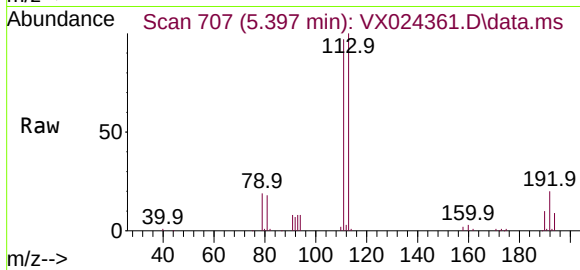
Tgt Ion:113 Resp: 81100

Ion Ratio Lower Upper

113 100

111 101.5 81.9 122.9

192 19.4 16.7 25.1



#36

1,1-Dichloropropene

Concen: 5.343 ug/l

RT: 5.568 min Scan# 735

Delta R.T. -0.134 min

Lab File: VX024361.D

Acq: 20 Sep 2021 19:14

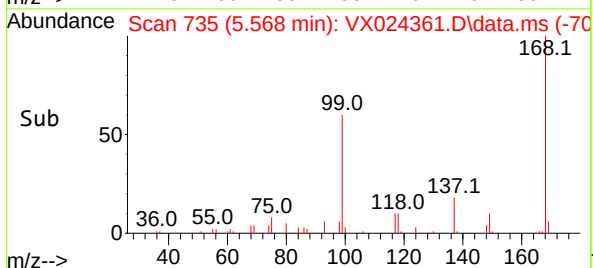
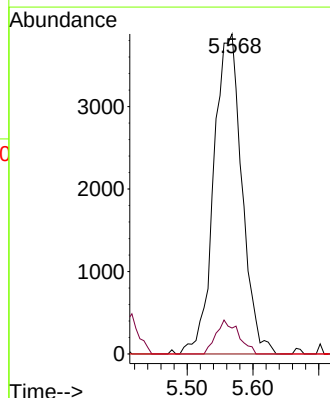
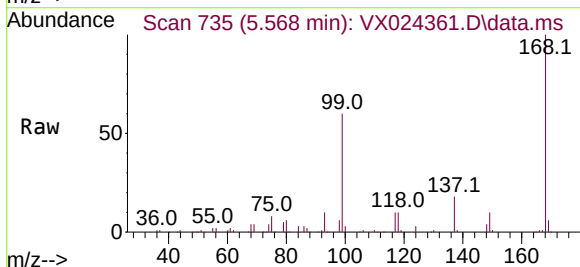
Tgt Ion: 75 Resp: 11533

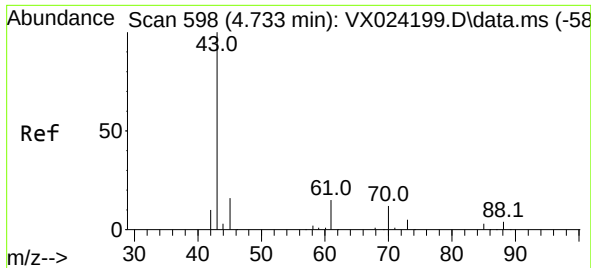
Ion Ratio Lower Upper

75 100

110 8.5 18.1 54.4#

77 0.0 25.3 37.9#





#37

Ethyl Acetate

Concen: 2.850 ug/l

RT: 4.574 min Scan# 572

Delta R.T. -0.159 min

Lab File: VX024361.D

Acq: 20 Sep 2021 19:14

Tgt Ion: 43 Resp: 7167

Ion Ratio Lower Upper

43 100

61 25.3 12.8 19.2#

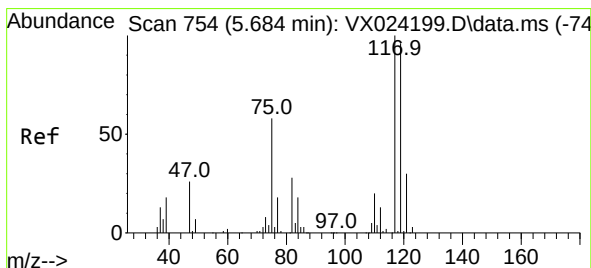
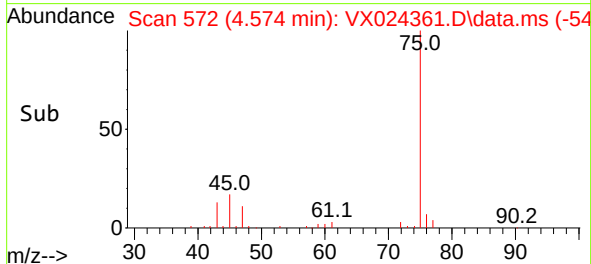
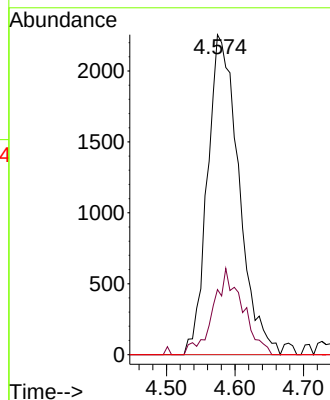
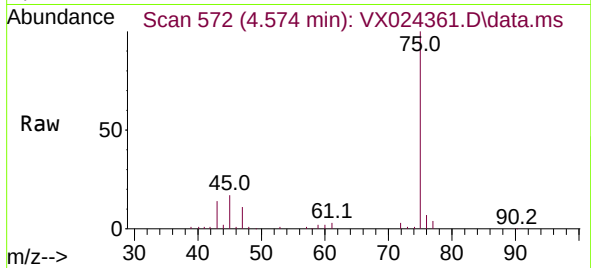
70 0.0 10.5 15.7#

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-VPB-RW7-GW-885-887



#38

Carbon Tetrachloride

Concen: 5.791 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.128 min

Lab File: VX024361.D

Acq: 20 Sep 2021 19:14

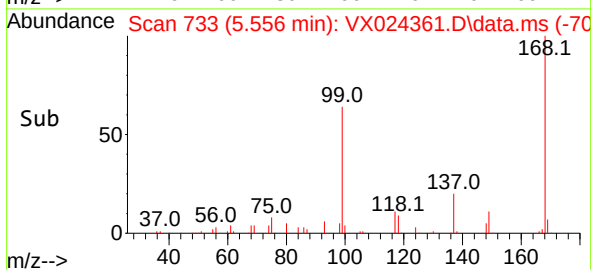
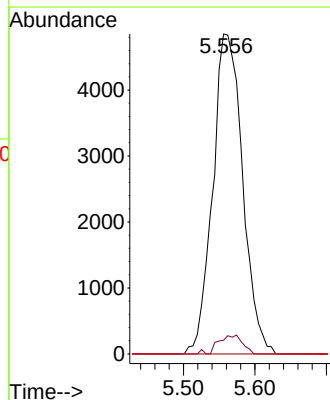
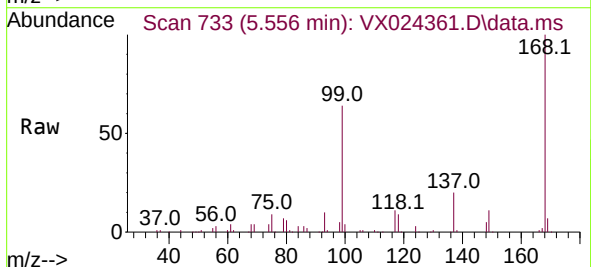
Tgt Ion: 117 Resp: 14069

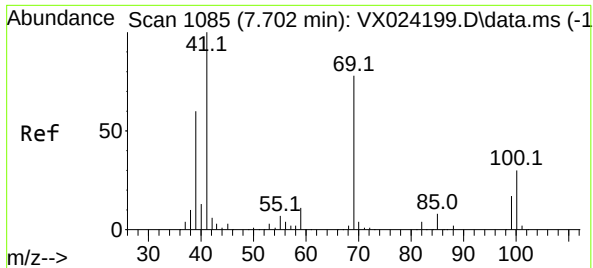
Ion Ratio Lower Upper

117 100

119 4.3 76.2 114.2#

121 0.0 24.8 37.2#

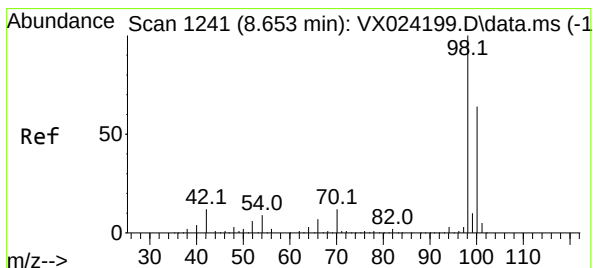
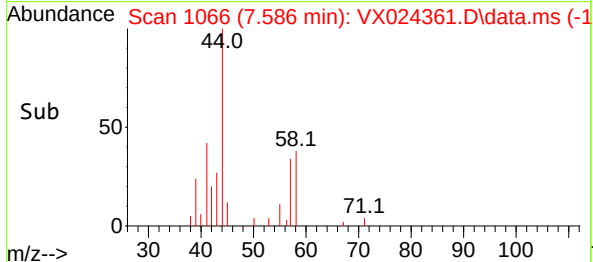
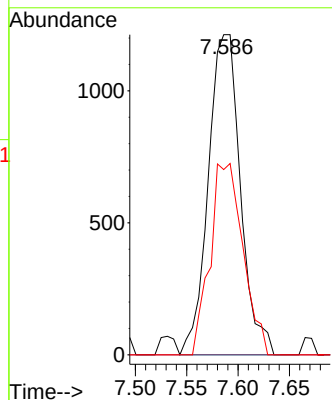
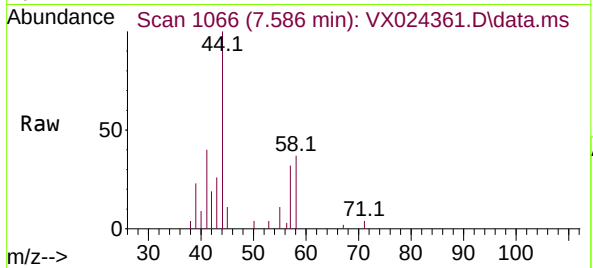




#48
Methyl methacrylate
Concen: 1.323 ug/l
RT: 7.586 min Scan# 1066
Delta R.T. -0.116 min
Lab File: VX024361.D
Acq: 20 Sep 2021 19:14

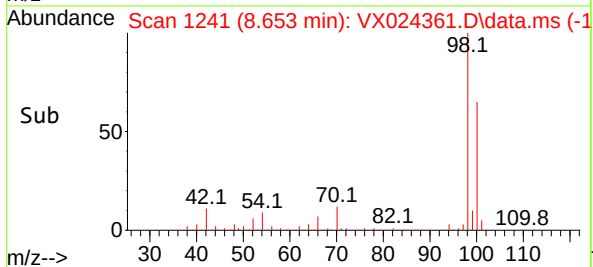
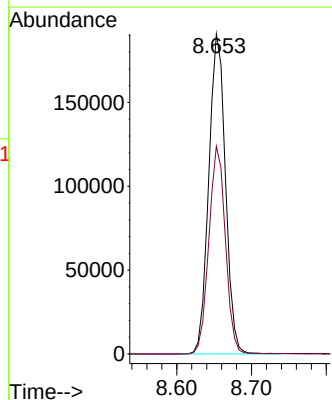
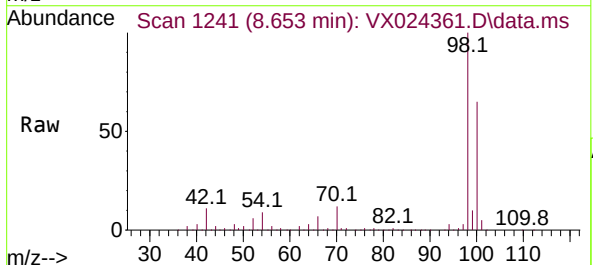
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW7-GW-885-887

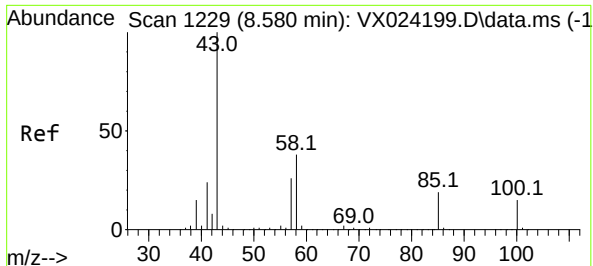
Tgt Ion: 41 Resp: 2643
Ion Ratio Lower Upper
41 100
69 0.0 76.0 114.0#
39 61.1 44.6 67.0



#50
Toluene-d8
Concen: 51.638 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024361.D
Acq: 20 Sep 2021 19:14

Tgt Ion: 98 Resp: 296185
Ion Ratio Lower Upper
98 100
100 64.2 51.9 77.9

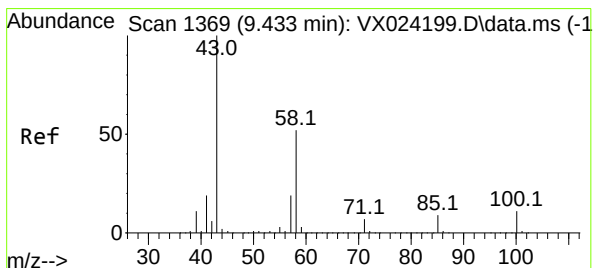
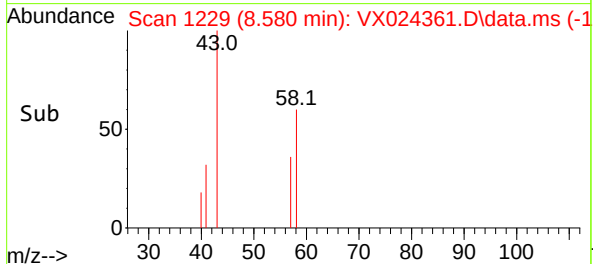
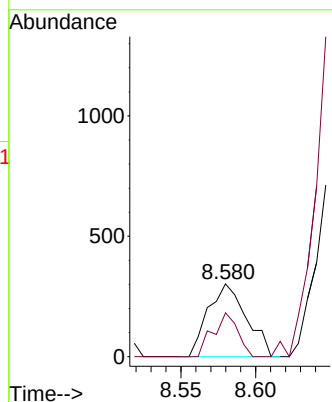
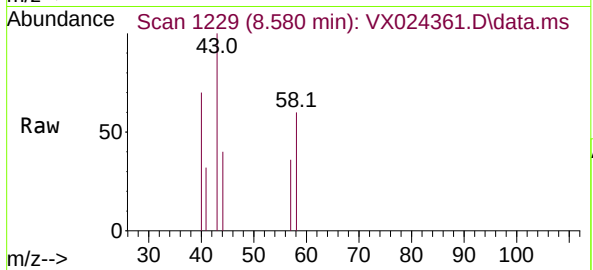




#51
4-Methyl-2-Pentanone
Concen: 0.211 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VX024361.D
Acq: 20 Sep 2021 19:14

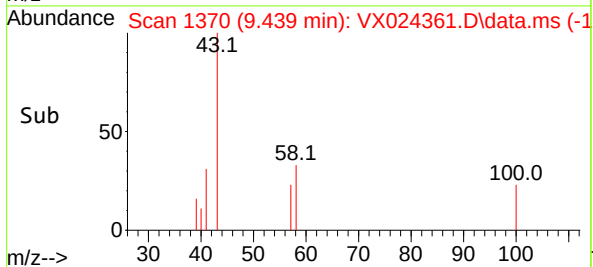
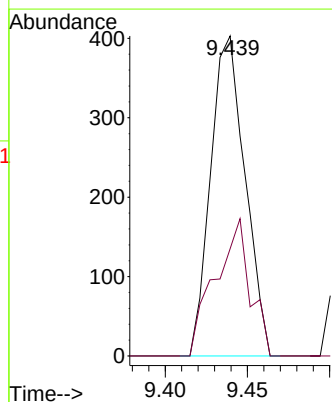
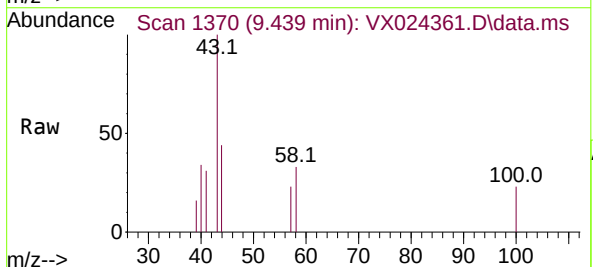
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW7-GW-885-887

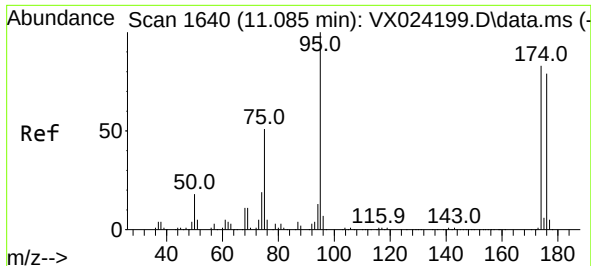
Tgt Ion: 43 Resp: 538
Ion Ratio Lower Upper
43 100
58 38.8 35.4 53.0



#59
2-Hexanone
Concen: 0.295 ug/l
RT: 9.439 min Scan# 1370
Delta R.T. 0.006 min
Lab File: VX024361.D
Acq: 20 Sep 2021 19:14

Tgt Ion: 43 Resp: 586
Ion Ratio Lower Upper
43 100
58 43.7 30.9 92.8

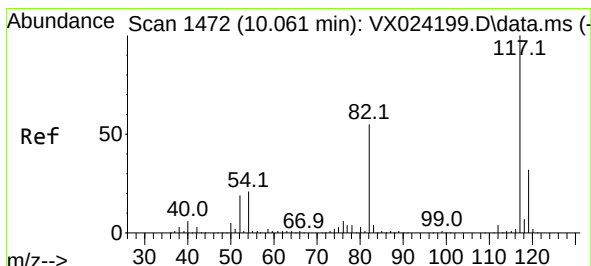
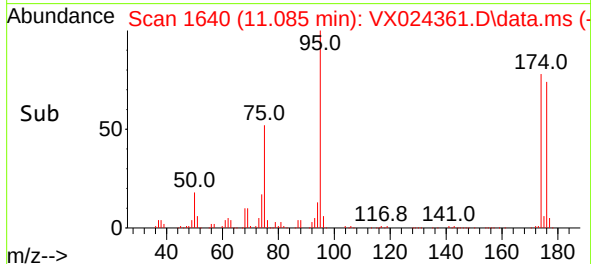
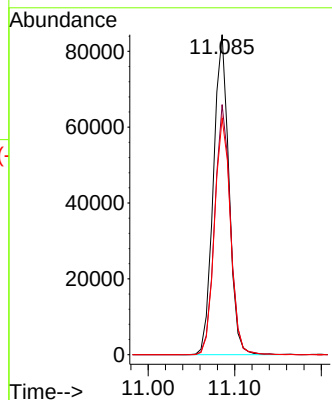
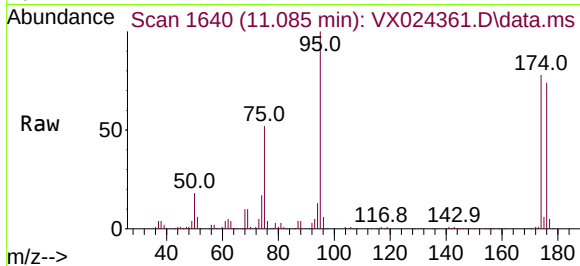




#62
4-Bromofluorobenzene
Concen: 47.103 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024361.D
Acq: 20 Sep 2021 19:14

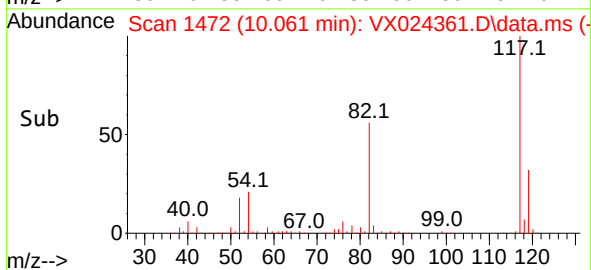
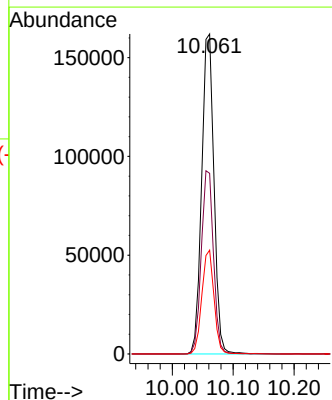
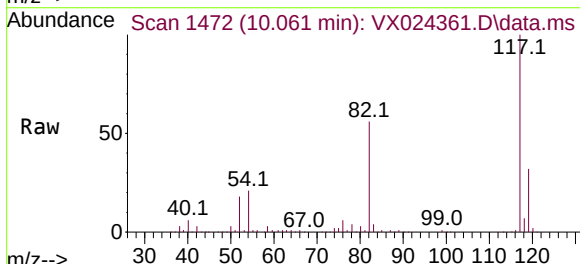
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW7-GW-885-887

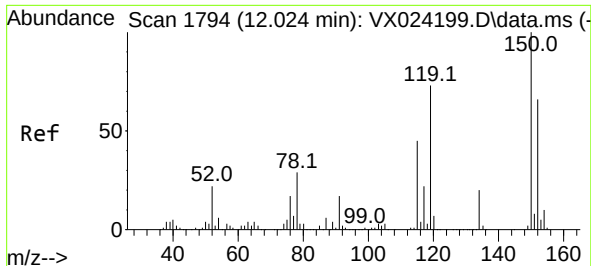
Tgt Ion: 95 Resp: 105143
Ion Ratio Lower Upper
95 100
174 78.9 0.0 154.6
176 76.2 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX024361.D
Acq: 20 Sep 2021 19:14

Tgt Ion: 117 Resp: 226920
Ion Ratio Lower Upper
117 100
82 56.4 47.4 71.2
119 32.4 26.6 39.8

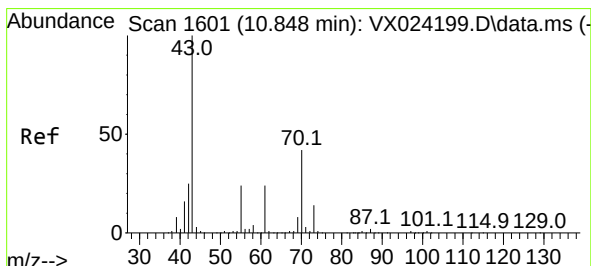
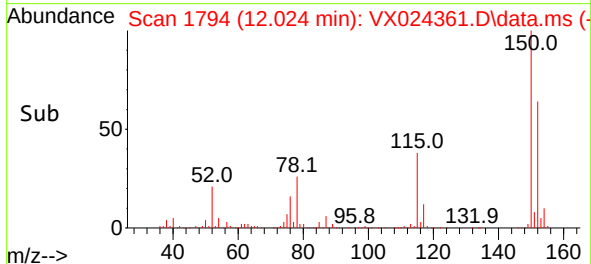
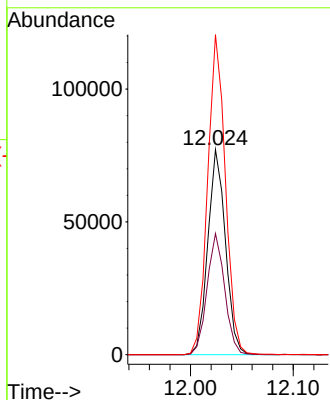
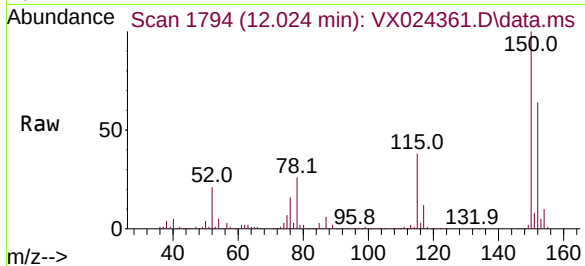




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024361.D
Acq: 20 Sep 2021 19:14

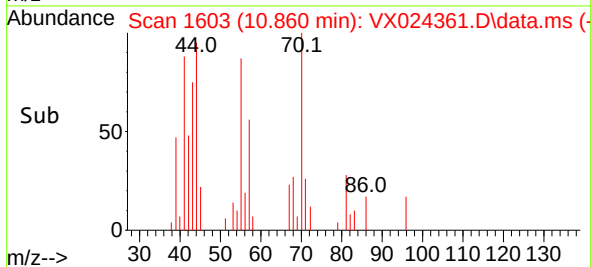
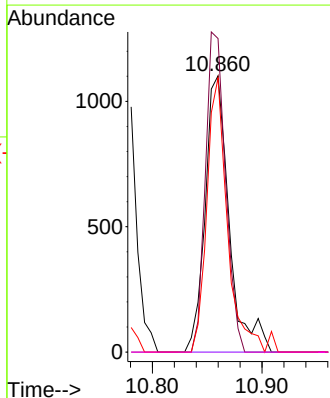
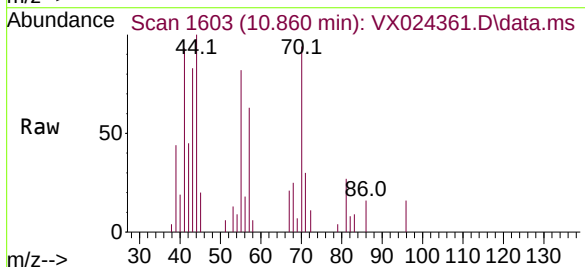
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW7-GW-885-887

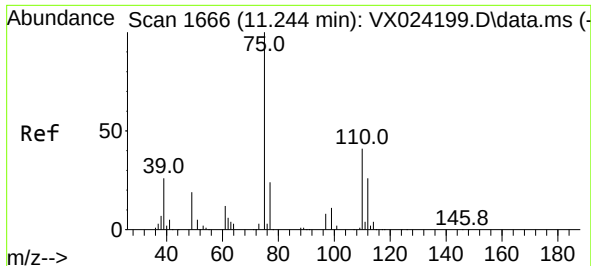
Tgt Ion:152 Resp: 92335
Ion Ratio Lower Upper
152 100
115 59.1 41.1 123.3
150 156.6 0.0 349.0



#74
N-ethyl acetate
Concen: 0.581 ug/l
RT: 10.860 min Scan# 1603
Delta R.T. 0.012 min
Lab File: VX024361.D
Acq: 20 Sep 2021 19:14

Tgt Ion: 43 Resp: 1682
Ion Ratio Lower Upper
43 100
70 96.7 39.0 58.6#
55 84.2 21.5 32.3#
61 0.0 22.1 33.1#

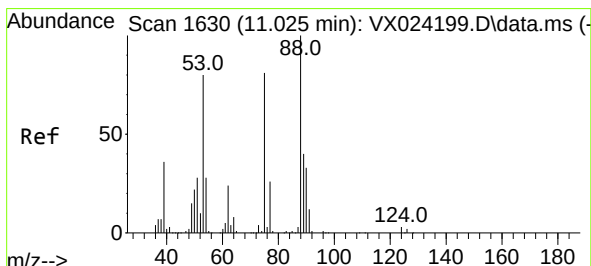
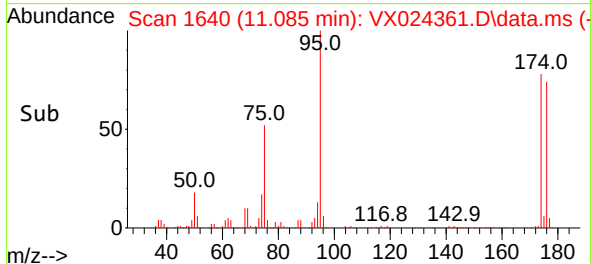
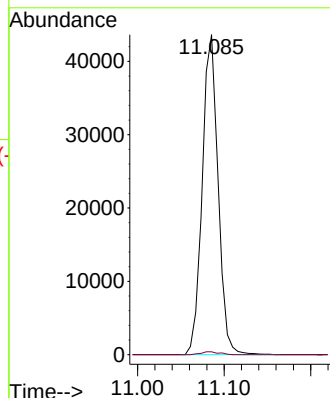
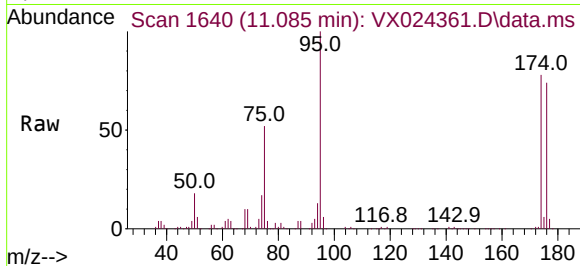




#76
1,2,3-Trichloropropane
Concen: 26.132 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024361.D
Acq: 20 Sep 2021 19:14

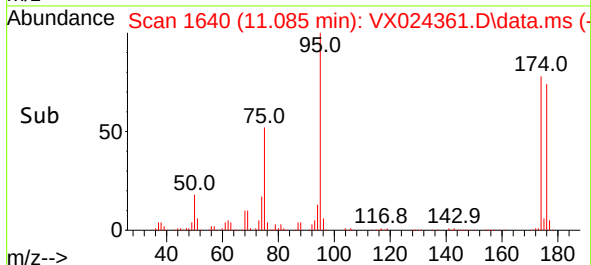
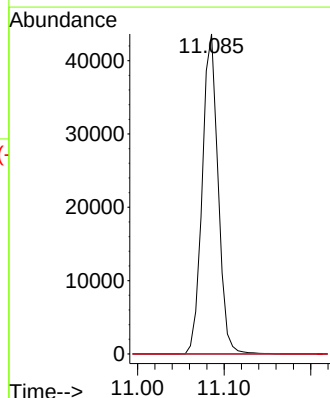
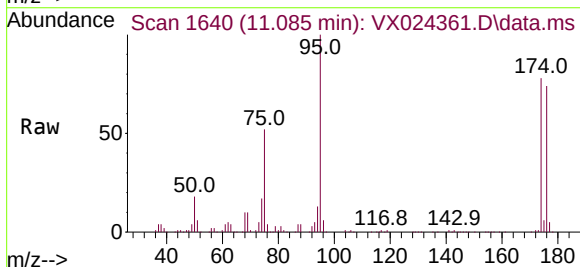
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW7-GW-885-887

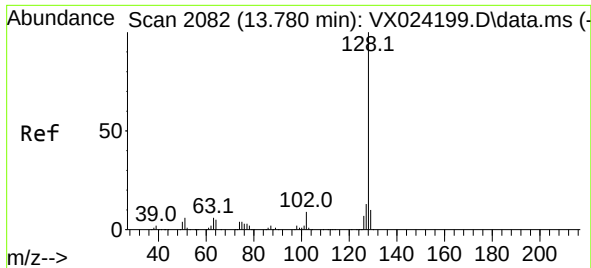
Tgt Ion: 75 Resp: 55483
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 76.855 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX024361.D
Acq: 20 Sep 2021 19:14

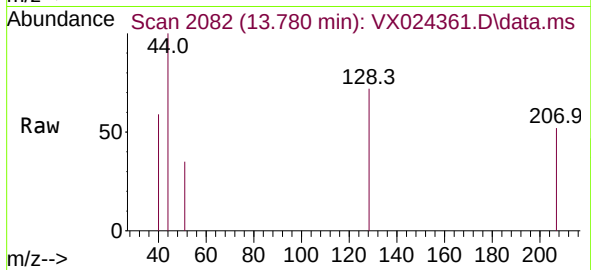
Tgt Ion: 75 Resp: 55483
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#





#95
Naphthalene
Concen: 1.302 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX024361.D
Acq: 20 Sep 2021 19:14

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW7-GW-885-887



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

