

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092121\
 Data File : VX024396.D
 Acq On : 21 Sep 2021 19:10
 Operator : JC/MD
 Sample : M3818-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-TT-VPB-RW7-GW-840-842

Quant Time: Sep 22 04:52:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091421W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 21 10:52:48 2021
 Response via : Initial Calibration

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

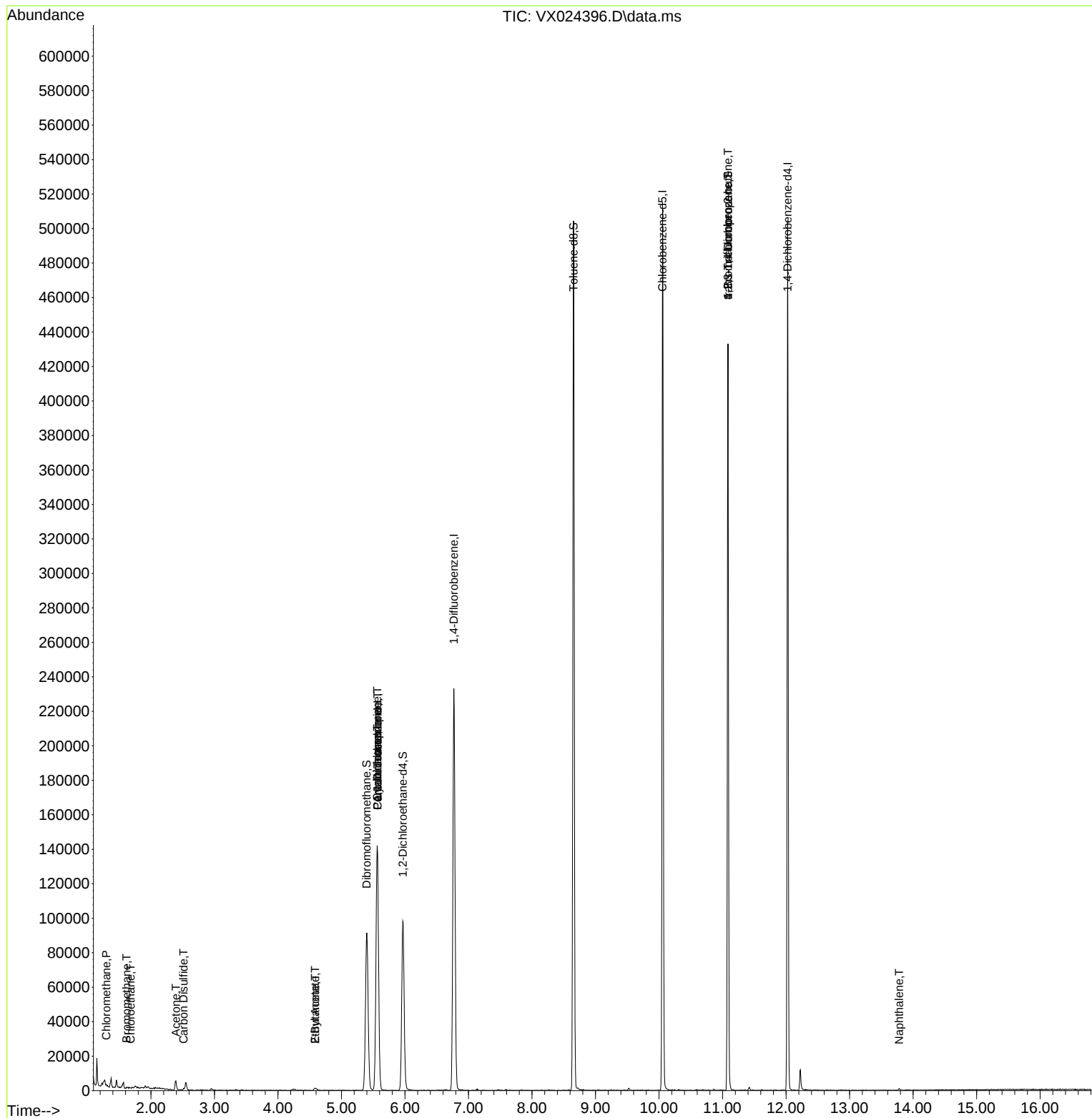
Internal Standards						
1) Pentafluorobenzene	5.568	168	131597	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	228149	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	224321	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	96971	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	99375	52.957	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 105.920%	
35) Dibromofluoromethane	5.397	113	77787	50.839	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.680%	
50) Toluene-d8	8.653	98	281466	50.497	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 101.000%	
62) 4-Bromofluorobenzene	11.085	95	105942	48.839	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 97.680%	
Target Compounds						Qvalue
3) Chloromethane	1.294	50	579	0.438	ug/l	100
5) Bromomethane	1.617	94	339	0.433	ug/l	86
6) Chloroethane	1.678	64	176	0.203	ug/l #	43
11) Tert butyl alcohol	2.965	59	619	Below Cal	#	73
16) Acetone	2.392	43	5904	7.379	ug/l	92
17) Carbon Disulfide	2.514	76	1165	0.383	ug/l	96
25) 2-Butanone	4.586	43	967	0.821	ug/l	95
31) Cyclohexane	5.562	56	3044	1.387	ug/l #	39
36) 1,1-Dichloropropene	5.562	75	10639	5.072	ug/l #	49
37) Ethyl Acetate	4.586	43	967	0.396	ug/l #	64
38) Carbon Tetrachloride	5.568	117	13951	5.909	ug/l #	16
76) 1,2,3-Trichloropropane	11.085	75	57336	25.714	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	57336	75.625	ug/l #	12
95) Naphthalene	13.780	128	948	1.420	ug/l #	90

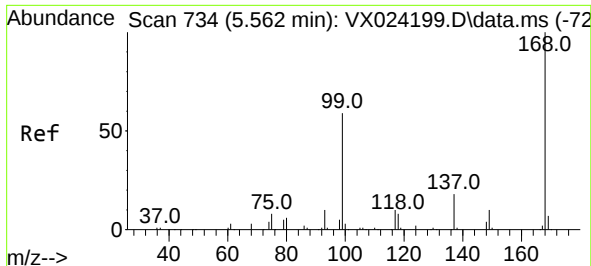
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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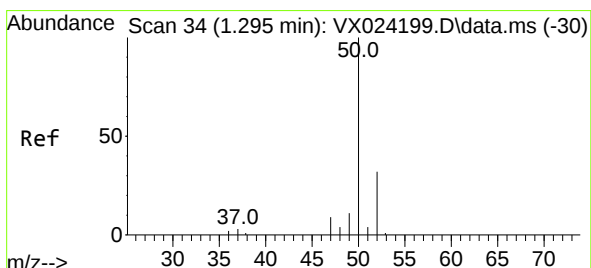
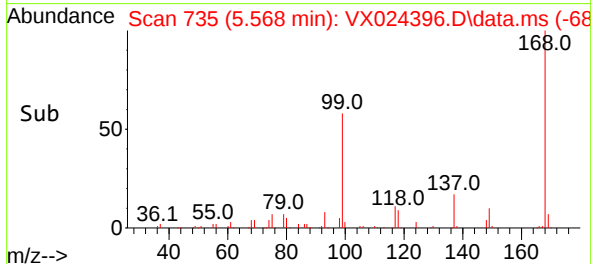
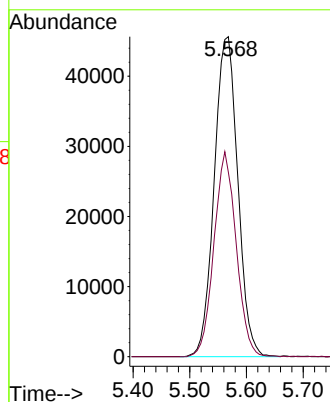
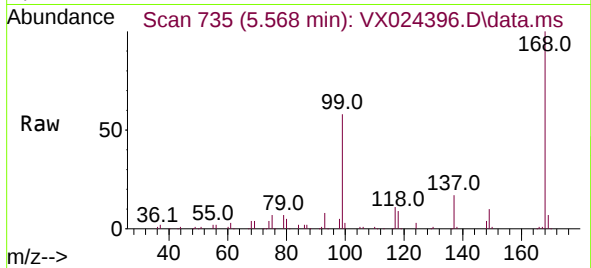




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.006 min
Lab File: VX024396.D
Acq: 21 Sep 2021 19:10

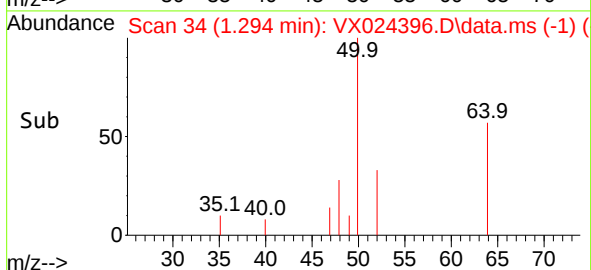
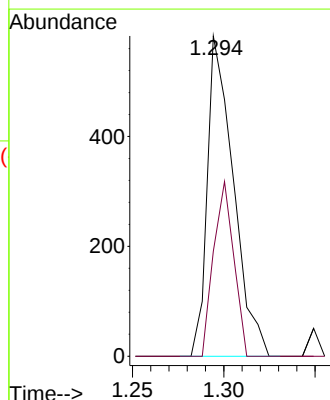
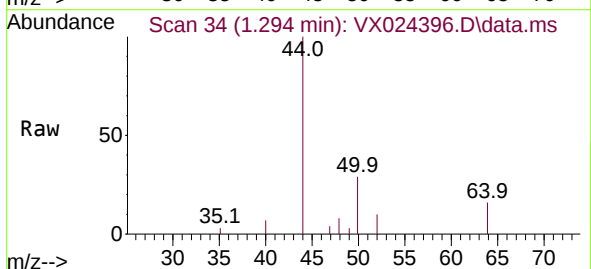
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-VPB-RW7-GW-840-842

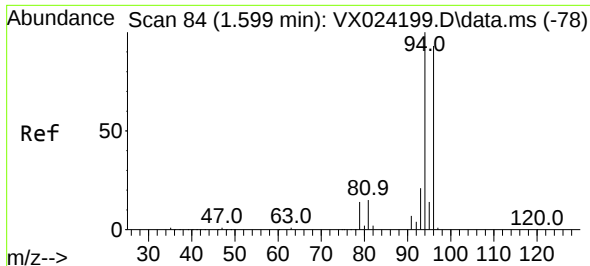
Tgt Ion:168 Resp: 131597
Ion Ratio Lower Upper
168 100
99 57.7 45.8 68.6



#3
Chloromethane
Concen: 0.438 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.001 min
Lab File: VX024396.D
Acq: 21 Sep 2021 19:10

Tgt Ion: 50 Resp: 579
Ion Ratio Lower Upper
50 100
52 32.8 26.4 39.6

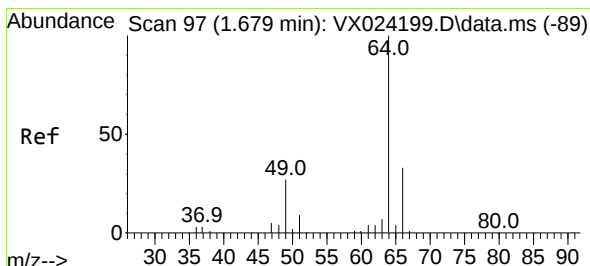
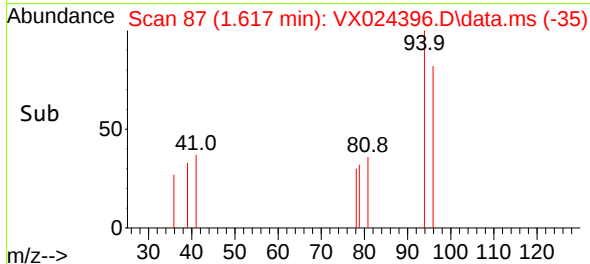
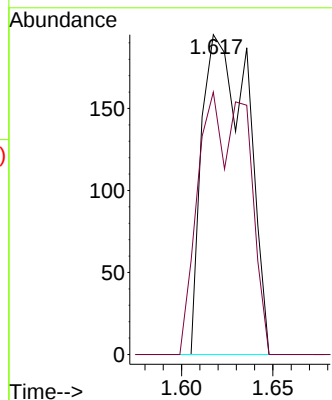
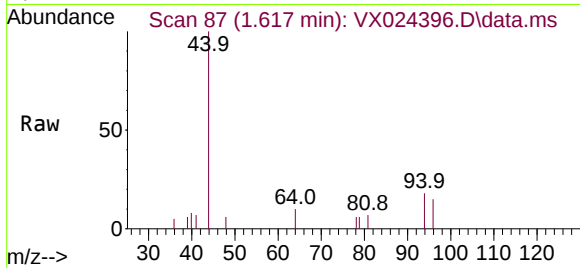




#5
Bromomethane
Concen: 0.433 ug/l
RT: 1.617 min Scan# 87
Delta R.T. 0.018 min
Lab File: VX024396.D
Acq: 21 Sep 2021 19:10

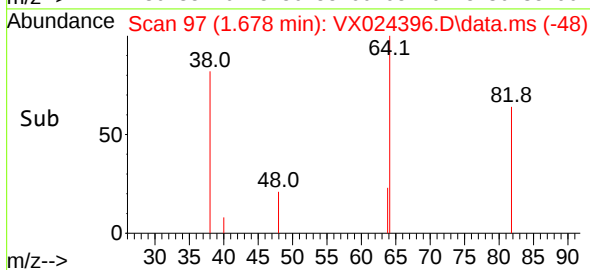
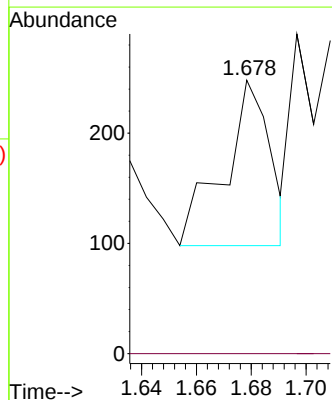
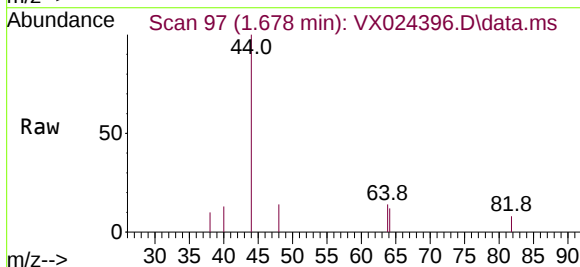
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-VPB-RW7-GW-840-842

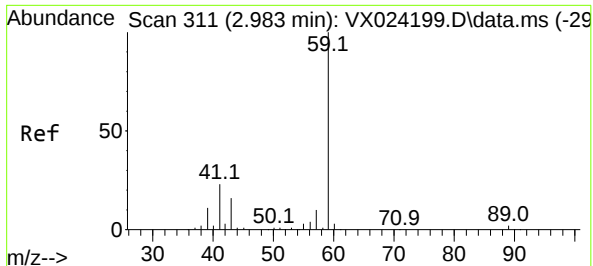
Tgt Ion: 94 Resp: 339
Ion Ratio Lower Upper
94 100
96 82.1 76.4 114.6



#6
Chloroethane
Concen: 0.203 ug/l
RT: 1.678 min Scan# 97
Delta R.T. -0.001 min
Lab File: VX024396.D
Acq: 21 Sep 2021 19:10

Tgt Ion: 64 Resp: 176
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



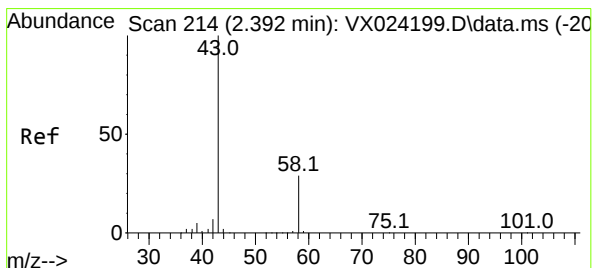
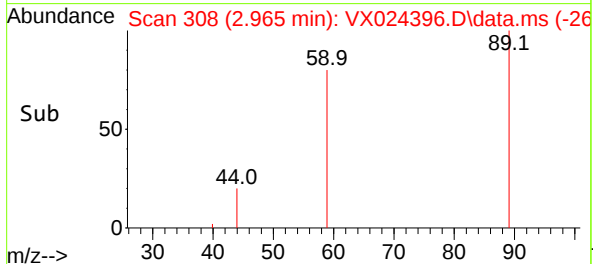
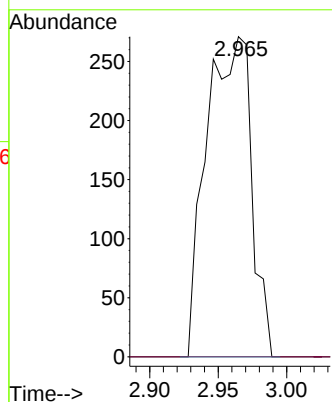
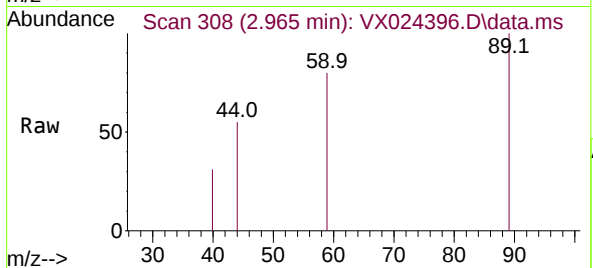


#11

Tert butyl alcohol
Concen: Below Cal
RT: 2.965 min Scan# 308
Delta R.T. -0.018 min
Lab File: VX024396.D
Acq: 21 Sep 2021 19:10

Instrument :
MSVOA_N
ClientSampleId :
BP-TT-VPB-RW7-GW-840-842

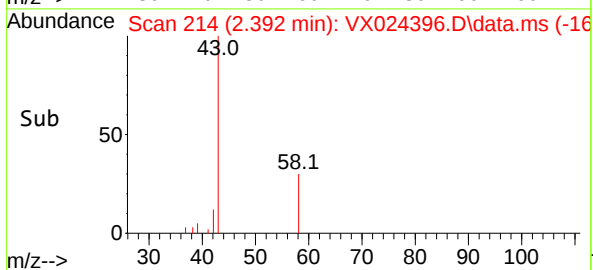
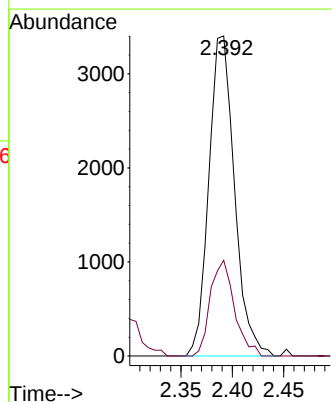
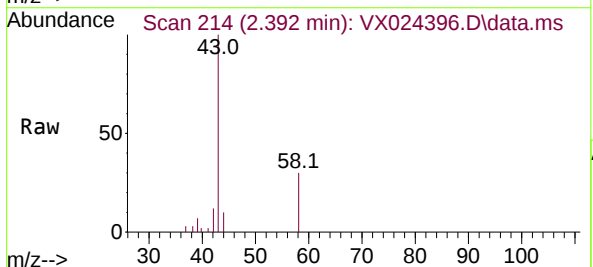
Tgt Ion: 59 Resp: 619
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

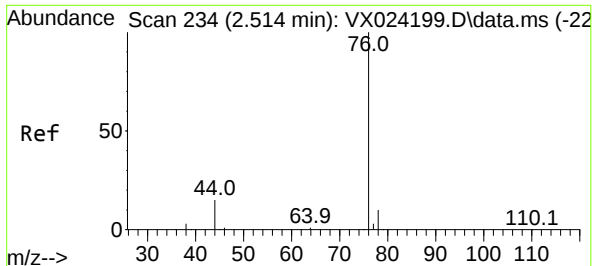


#16

Acetone
Concen: 7.379 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX024396.D
Acq: 21 Sep 2021 19:10

Tgt Ion: 43 Resp: 5904
Ion Ratio Lower Upper
43 100
58 29.9 27.8 41.8

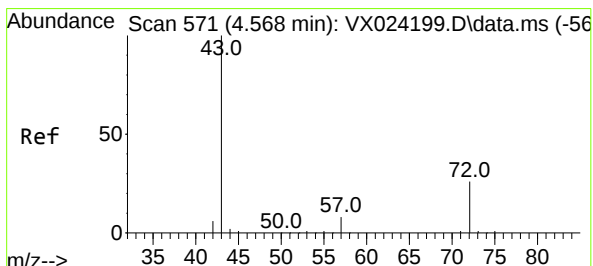
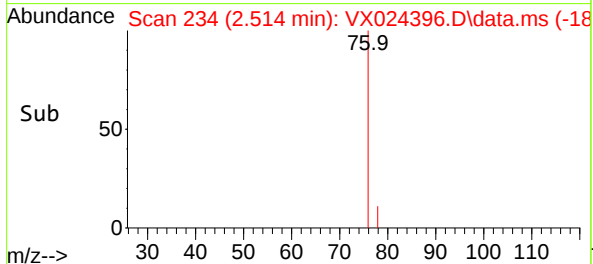
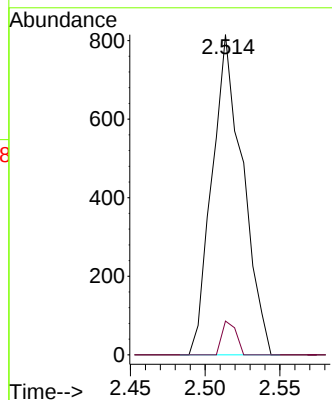
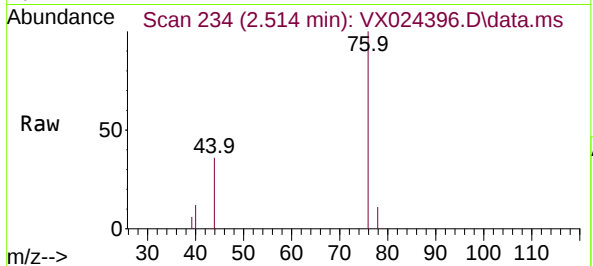




#17
Carbon Disulfide
Concen: 0.383 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX024396.D
Acq: 21 Sep 2021 19:10

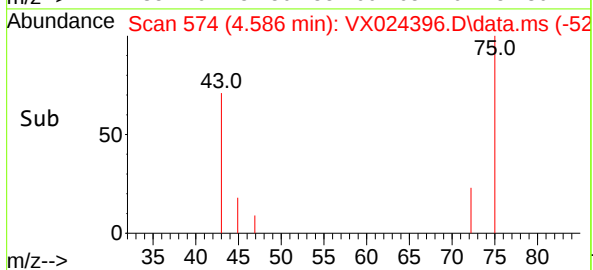
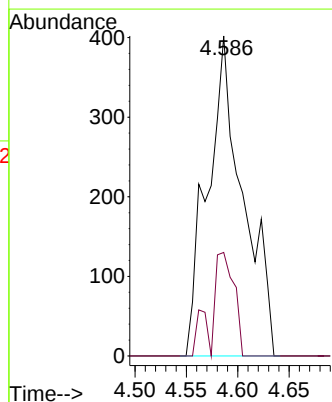
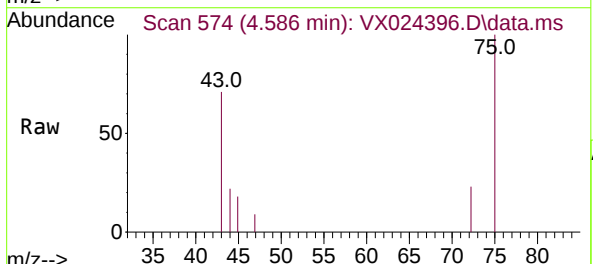
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-VPB-RW7-GW-840-842

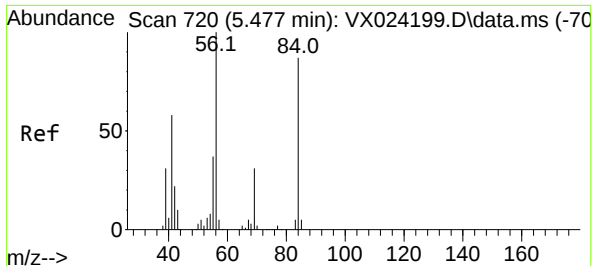
Tgt Ion: 76 Resp: 1165
Ion Ratio Lower Upper
76 100
78 10.6 7.2 10.8



#25
2-Butanone
Concen: 0.821 ug/l
RT: 4.586 min Scan# 574
Delta R.T. 0.018 min
Lab File: VX024396.D
Acq: 21 Sep 2021 19:10

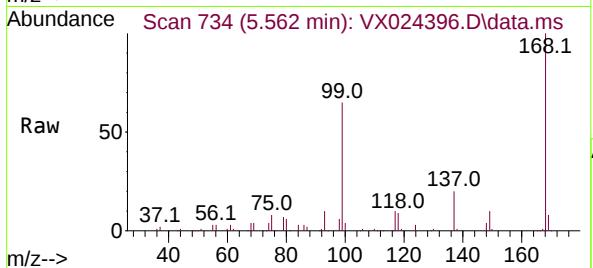
Tgt Ion: 43 Resp: 967
Ion Ratio Lower Upper
43 100
72 32.3 23.7 35.5



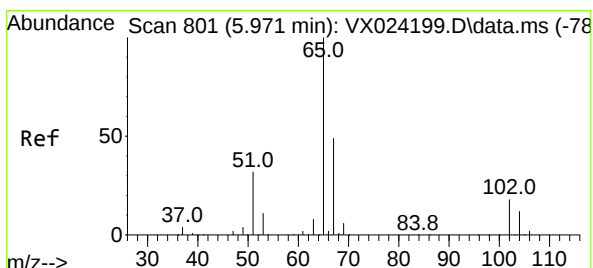
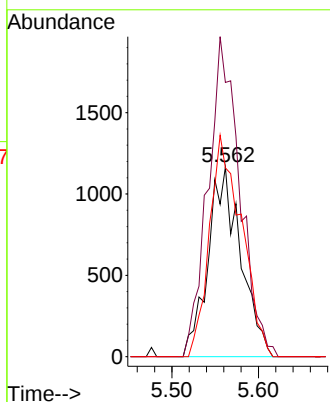
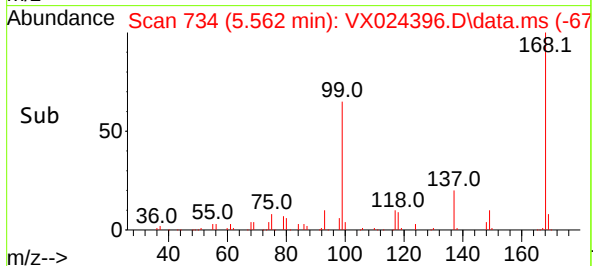


#31
Cyclohexane
Concen: 1.387 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX024396.D
Acq: 21 Sep 2021 19:10

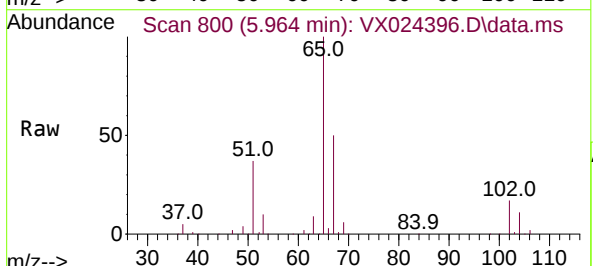
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-VPB-RW7-GW-840-842



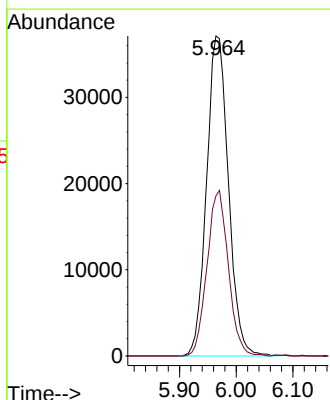
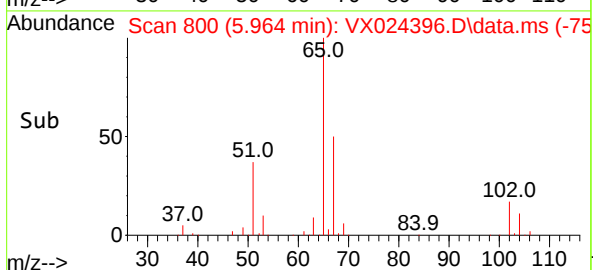
Tgt Ion: 56 Resp: 3044
Ion Ratio Lower Upper
56 100
69 144.6 25.3 37.9#
84 99.6 71.4 107.0

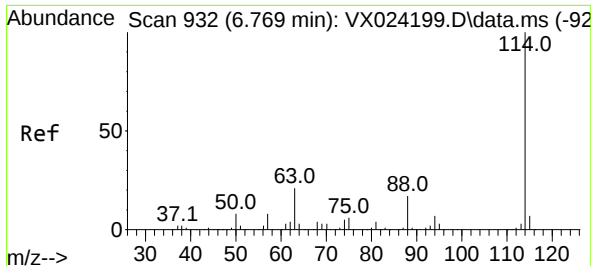


#33
1,2-Dichloroethane-d4
Concen: 52.957 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.007 min
Lab File: VX024396.D
Acq: 21 Sep 2021 19:10



Tgt Ion: 65 Resp: 99375
Ion Ratio Lower Upper
65 100
67 50.4 0.0 105.4

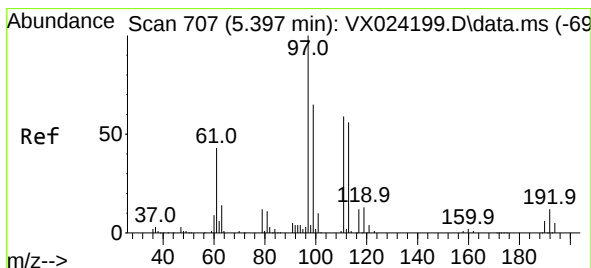
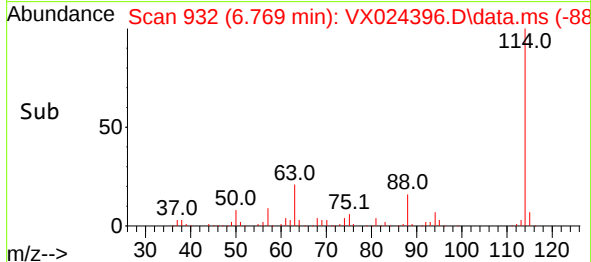
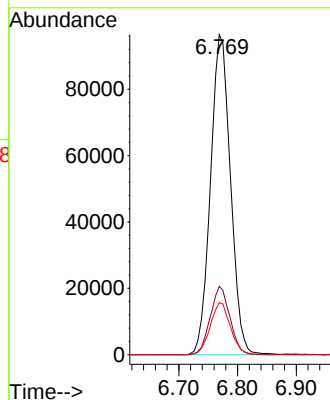
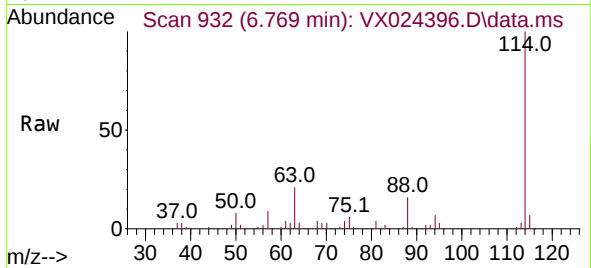




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX024396.D
Acq: 21 Sep 2021 19:10

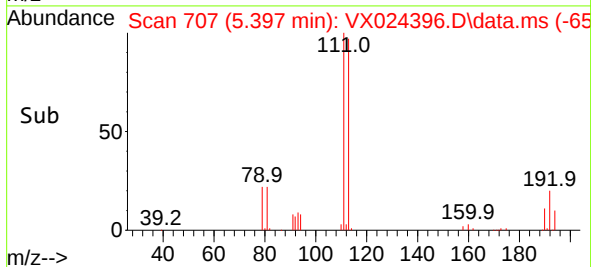
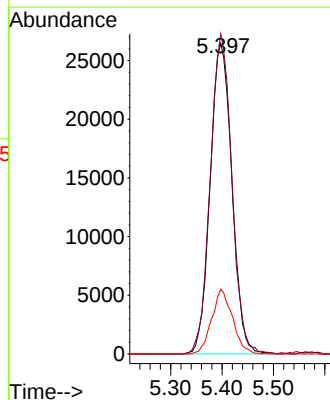
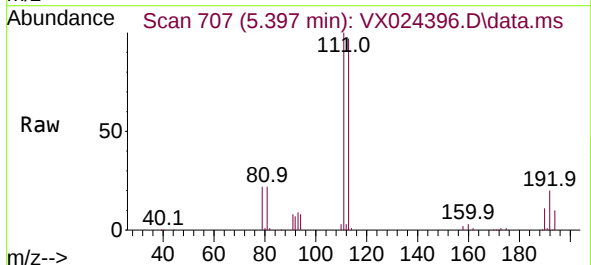
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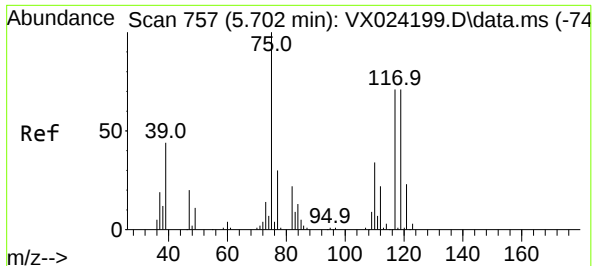
Tgt Ion:	114	Resp:	228149
Ion Ratio	Lower	Upper	
114	100		
63	21.4	0.0	40.8
88	16.2	0.0	32.8



#35
Dibromofluoromethane
Concen: 50.839 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024396.D
Acq: 21 Sep 2021 19:10

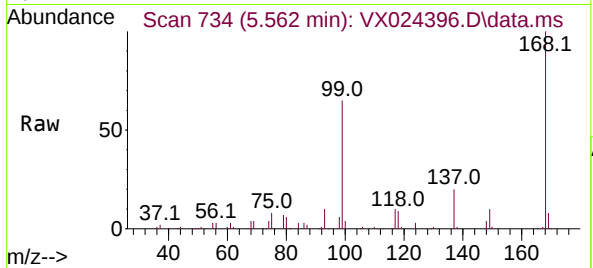
Tgt Ion:	113	Resp:	77787
Ion Ratio	Lower	Upper	
113	100		
111	102.0	81.9	122.9
192	19.9	16.7	25.1



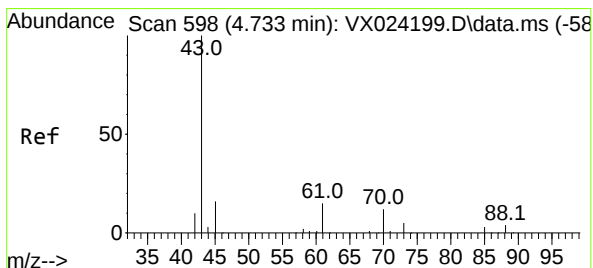
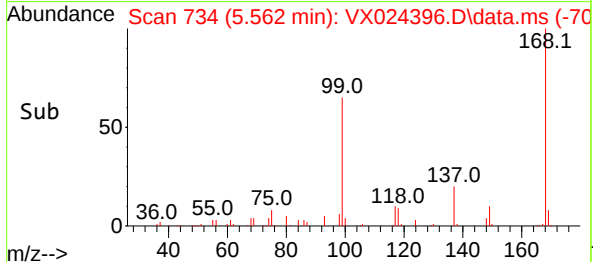
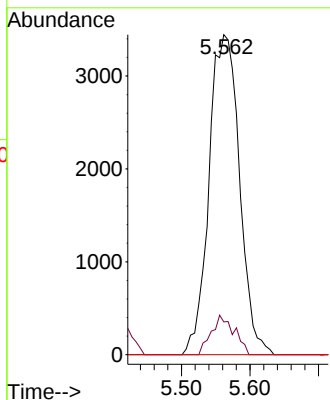


#36
1,1-Dichloropropene
Concen: 5.072 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX024396.D
Acq: 21 Sep 2021 19:10

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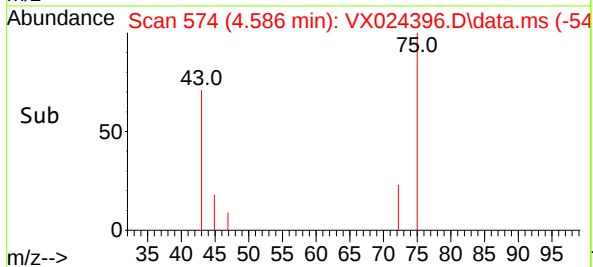
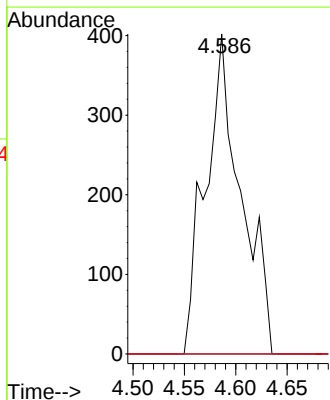
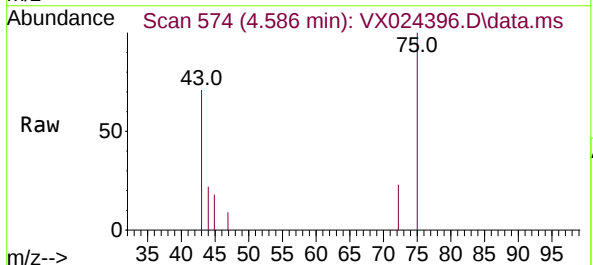


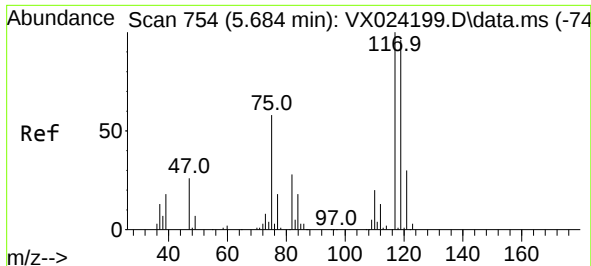
Tgt Ion: 75 Resp: 10639
Ion Ratio Lower Upper
75 100
110 9.3 18.1 54.4#
77 0.0 25.3 37.9#



#37
Ethyl Acetate
Concen: 0.396 ug/l
RT: 4.586 min Scan# 574
Delta R.T. -0.147 min
Lab File: VX024396.D
Acq: 21 Sep 2021 19:10

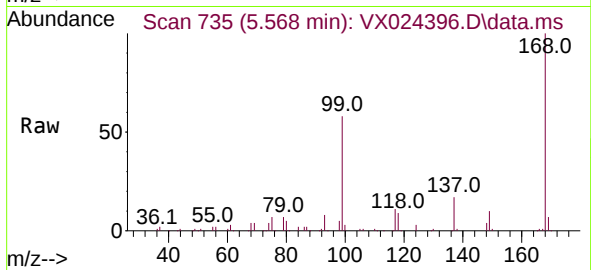
Tgt Ion: 43 Resp: 967
Ion Ratio Lower Upper
43 100
61 0.0 12.8 19.2#
70 0.0 10.5 15.7#



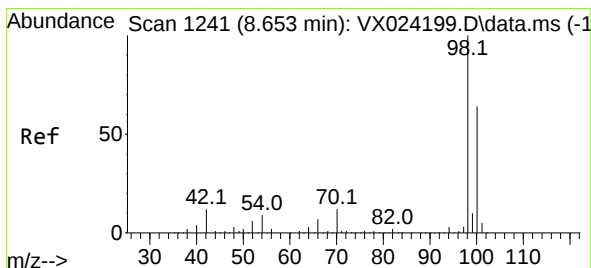
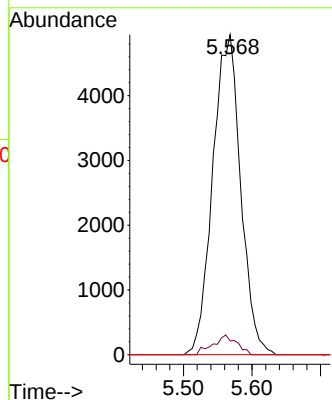
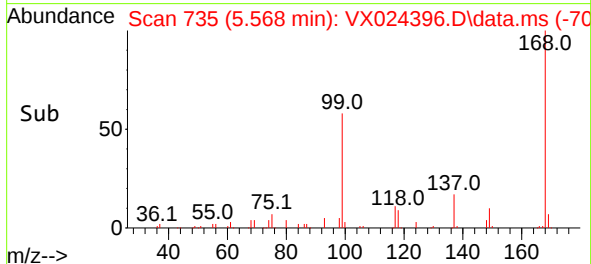


#38
Carbon Tetrachloride
Concen: 5.909 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.116 min
Lab File: VX024396.D
Acq: 21 Sep 2021 19:10

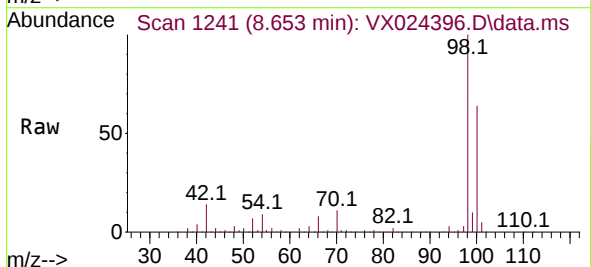
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-VPB-RW7-GW-840-842



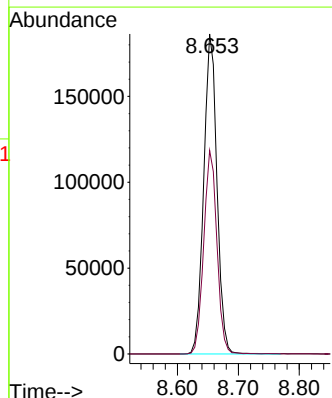
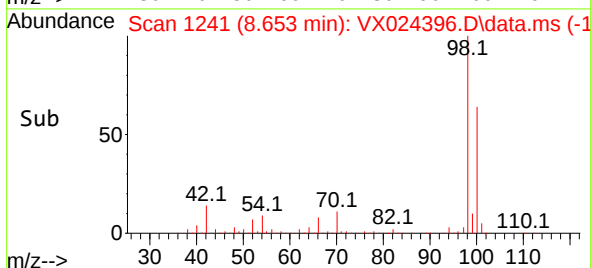
Tgt Ion:117 Resp: 13951
Ion Ratio Lower Upper
117 100
119 4.3 76.2 114.2#
121 0.0 24.8 37.2#

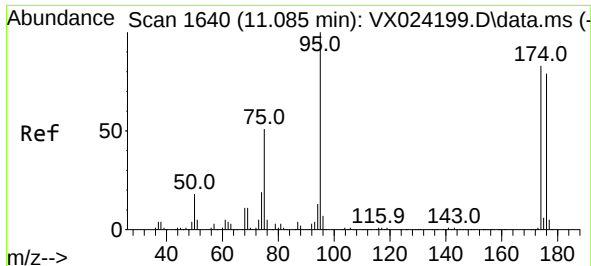


#50
Toluene-d8
Concen: 50.497 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024396.D
Acq: 21 Sep 2021 19:10



Tgt Ion: 98 Resp: 281466
Ion Ratio Lower Upper
98 100
100 63.3 51.9 77.9

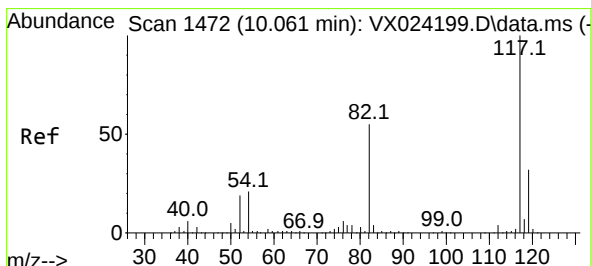
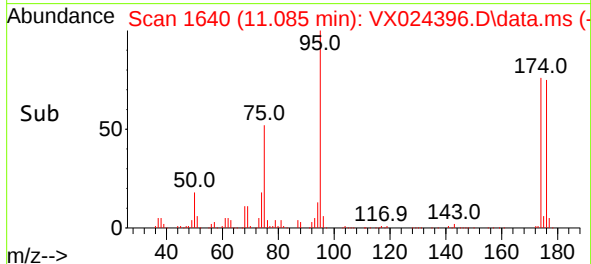
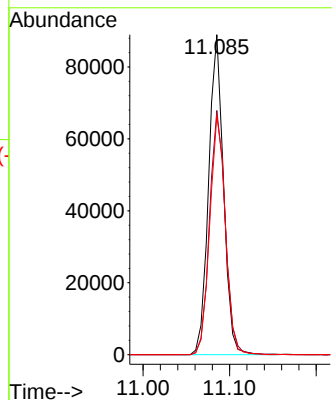
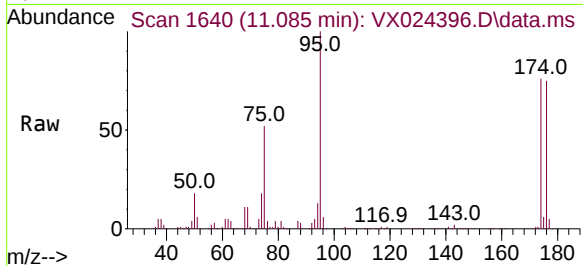




#62
4-Bromofluorobenzene
Concen: 48.839 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024396.D
Acq: 21 Sep 2021 19:10

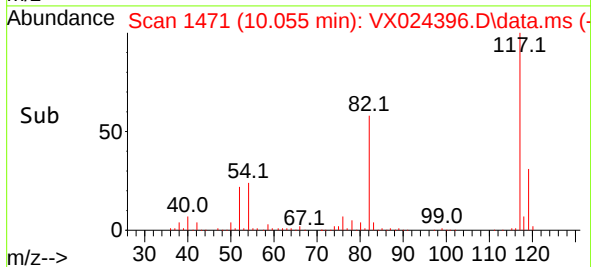
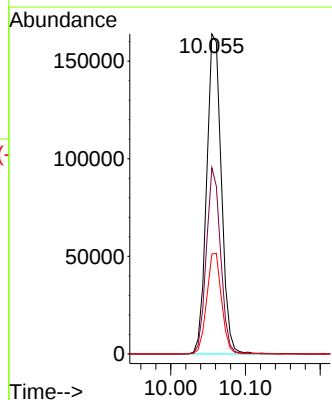
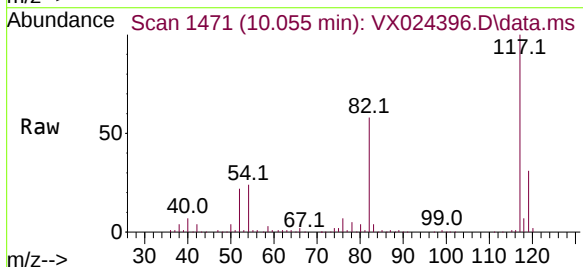
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-VPB-RW7-GW-840-842

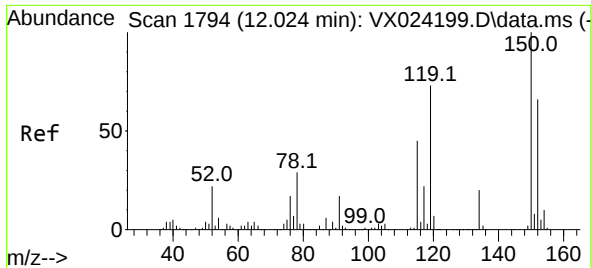
Tgt Ion: 95 Resp: 105942
Ion Ratio Lower Upper
95 100
174 80.8 0.0 154.6
176 78.5 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX024396.D
Acq: 21 Sep 2021 19:10

Tgt Ion: 117 Resp: 224321
Ion Ratio Lower Upper
117 100
82 58.2 47.4 71.2
119 31.3 26.6 39.8

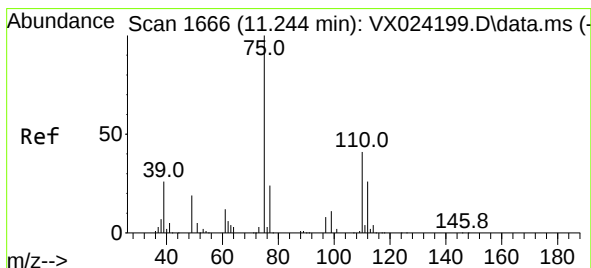
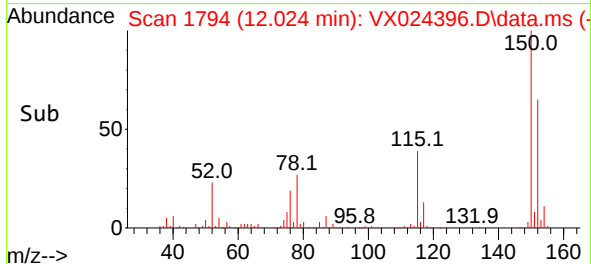
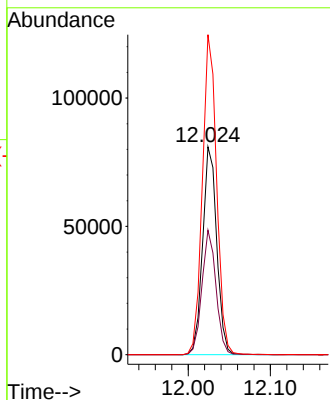
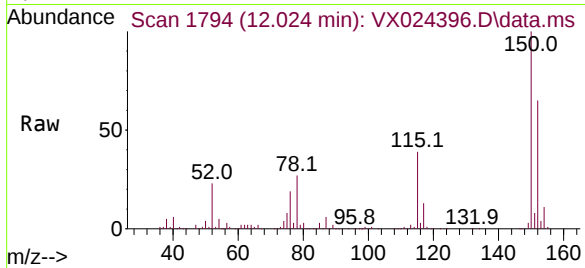




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX024396.D
 Acq: 21 Sep 2021 19:10

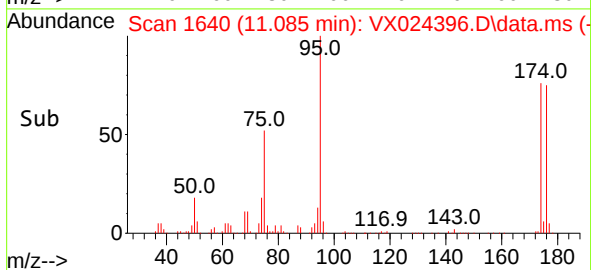
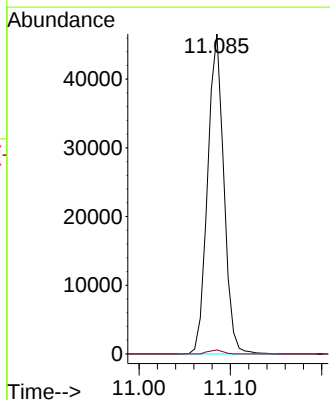
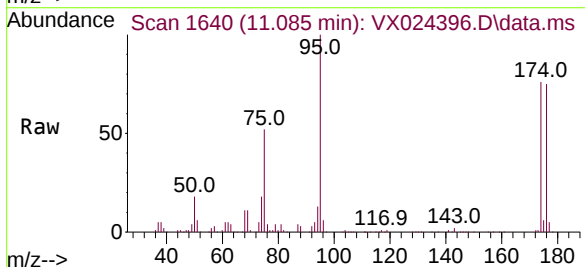
Instrument :
 MSVOA_N
 ClientSampleId :
 BP-TT-VPB-RW7-GW-840-842

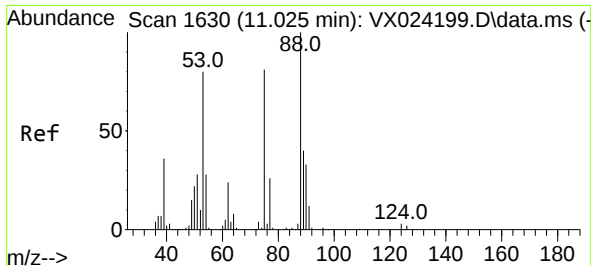
Tgt Ion:152 Resp: 96971
 Ion Ratio Lower Upper
 152 100
 115 59.7 41.1 123.3
 150 155.2 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 25.714 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX024396.D
 Acq: 21 Sep 2021 19:10

Tgt Ion: 75 Resp: 57336
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.1 57.5#

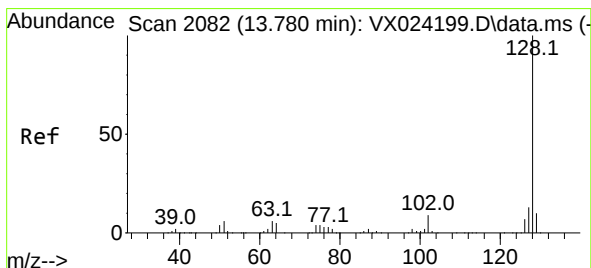
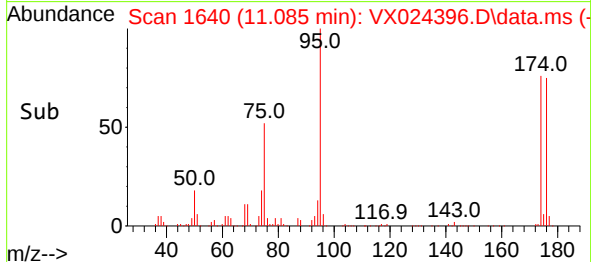
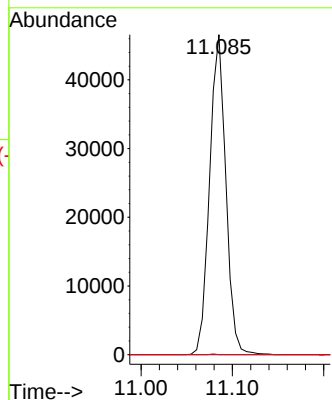
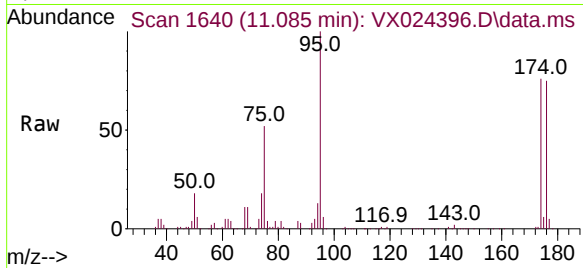




#81
trans-1,4-Dichloro-2-butene
Concen: 75.625 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX024396.D
Acq: 21 Sep 2021 19:10

Instrument :
MSVOA_N
ClientSampleId :
BP-TT-VPB-RW7-GW-840-842

Tgt Ion: 75 Resp: 57336
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.1 37.9 56.9#



#95
Naphthalene
Concen: 1.420 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX024396.D
Acq: 21 Sep 2021 19:10

Tgt Ion: 128 Resp: 948
Ion Ratio Lower Upper
128 100
127 11.6 10.3 15.5
129 4.4 8.8 13.2#

