

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091521\
 Data File : VX024256.D
 Acq On : 15 Sep 2021 13:28
 Operator : JC/MD
 Sample : M3729-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-VPB-RW7-EB-20210909

Quant Time: Sep 16 04:42:51 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)

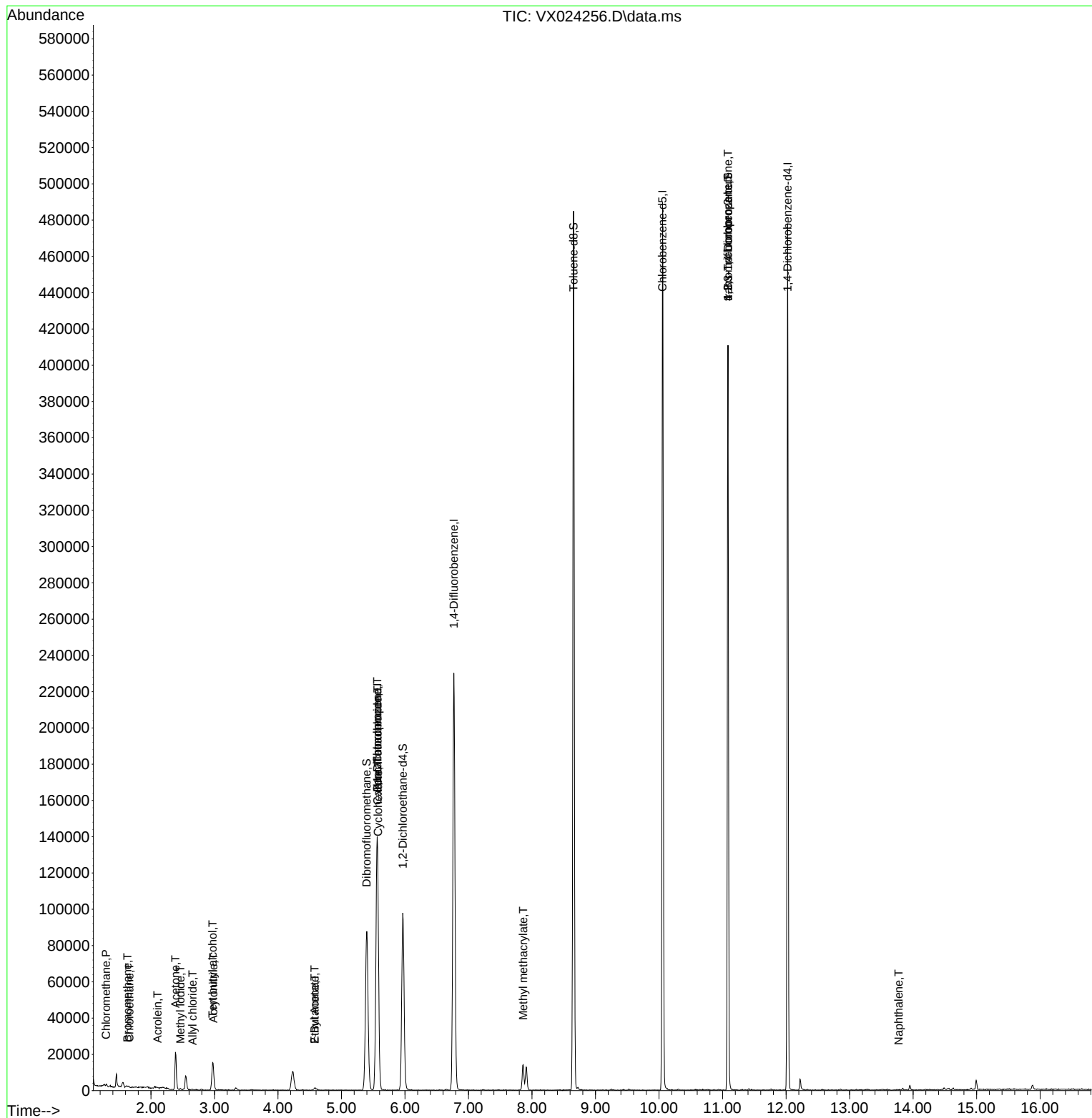
Internal Standards						
1) Pentafluorobenzene	5.562	168	131080	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	226224	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	217343	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	94952	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	98266	52.572	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 105.140%	
35) Dibromofluoromethane	5.397	113	75832	49.983	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.960%	
50) Toluene-d8	8.653	98	279451	50.562	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 101.120%	
62) 4-Bromofluorobenzene	11.085	95	104980	48.808	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 97.620%	
Target Compounds						Qvalue
3) Chloromethane	1.294	50	859	0.653	ug/l	98
5) Bromomethane	1.630	94	457	0.586	ug/l #	54
6) Chloroethane	1.660	64	48	2.046	ug/l #	43
10) Methyl Iodide	2.465	142	807	0.452	ug/l #	90
11) Tert butyl alcohol	2.971	59	16790	23.428	ug/l	96
13) Acrolein	2.105	56	81	0.658	ug/l #	46
14) Allyl chloride	2.654	41	466	0.212	ug/l #	41
15) Acrylonitrile	2.983	53	187	0.245	ug/l #	37
16) Acetone	2.386	43	22034	27.646	ug/l	89
25) 2-Butanone	4.574	43	1458	1.242	ug/l	97
31) Cyclohexane	5.574	56	2801	1.281	ug/l #	52
36) 1,1-Dichloropropene	5.562	75	10410	5.005	ug/l #	50
37) Ethyl Acetate	4.574	43	1458	0.602	ug/l #	64
38) Carbon Tetrachloride	5.568	117	13564	5.794	ug/l #	15
48) Methyl methacrylate	7.860	41	6143	3.191	ug/l #	32
76) 1,2,3-Trichloropropane	11.085	75	55260	25.310	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	55260	74.437	ug/l #	12
95) Naphthalene	13.774	128	330	1.334	ug/l #	76

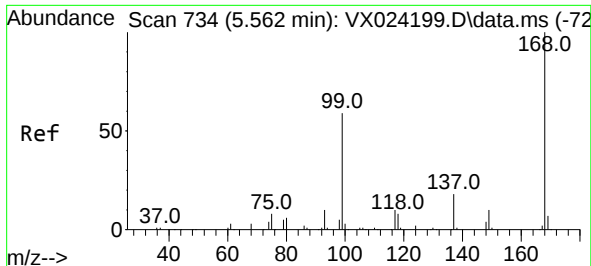
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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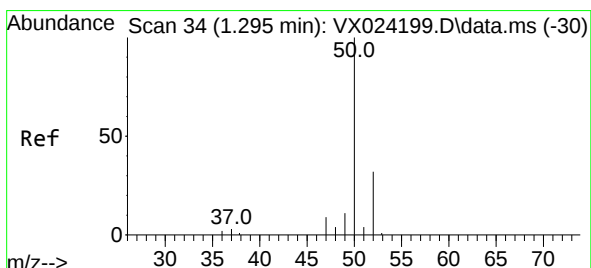
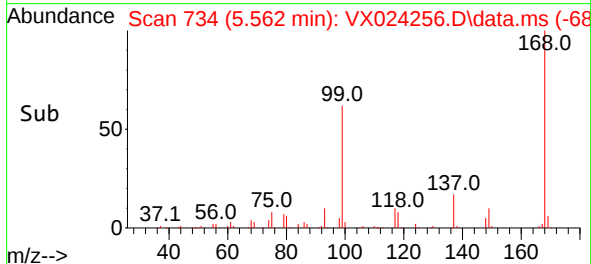
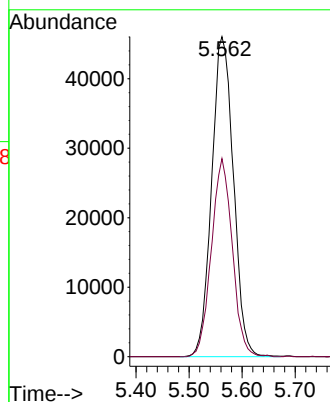
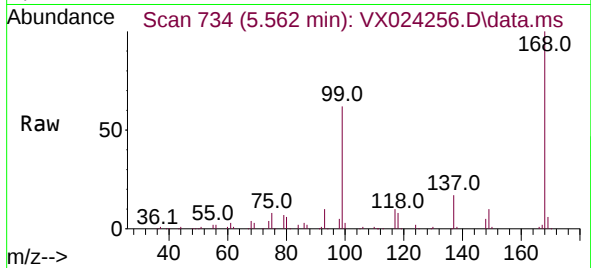




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX024256.D
Acq: 15 Sep 2021 13:28

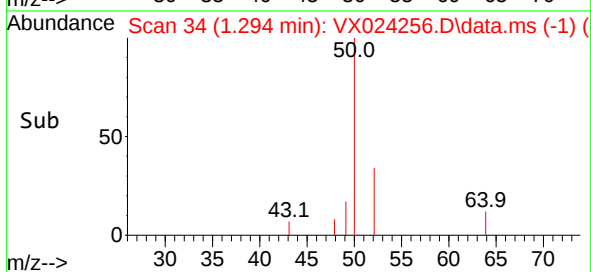
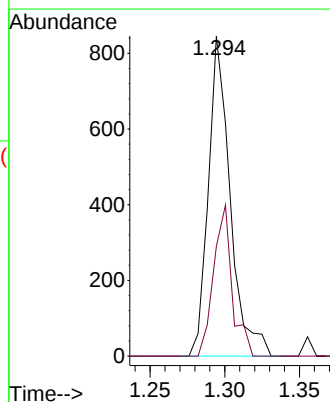
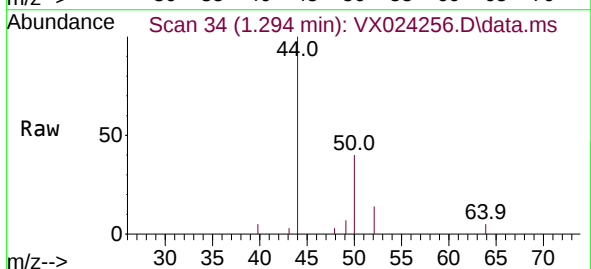
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW7-EB-20210909

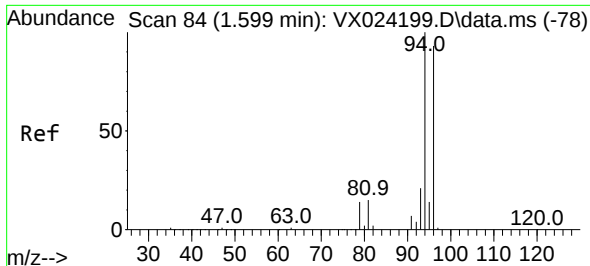
Tgt Ion:168 Resp: 131080
Ion Ratio Lower Upper
168 100
99 61.9 45.8 68.6



#3
Chloromethane
Concen: 0.653 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.001 min
Lab File: VX024256.D
Acq: 15 Sep 2021 13:28

Tgt Ion: 50 Resp: 859
Ion Ratio Lower Upper
50 100
52 34.3 26.4 39.6

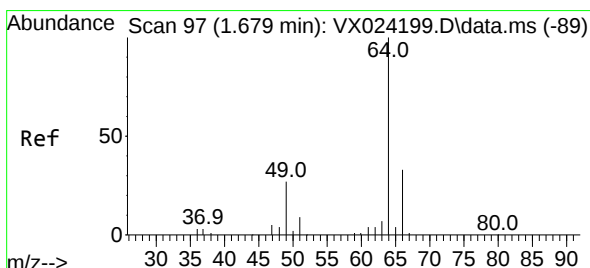
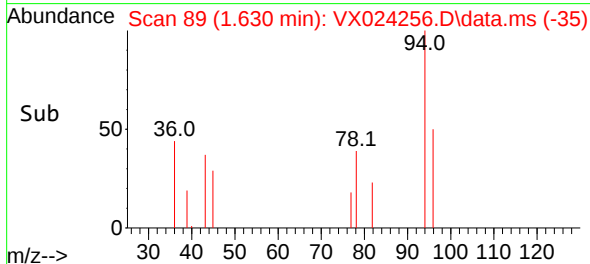
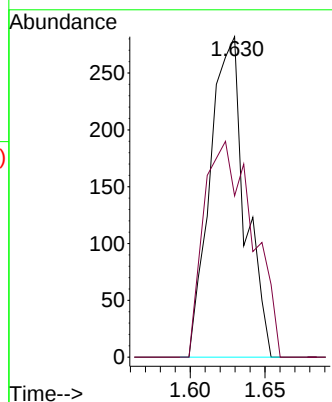
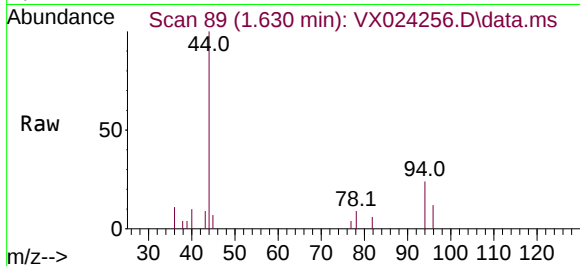




#5
Bromomethane
Concen: 0.586 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.031 min
Lab File: VX024256.D
Acq: 15 Sep 2021 13:28

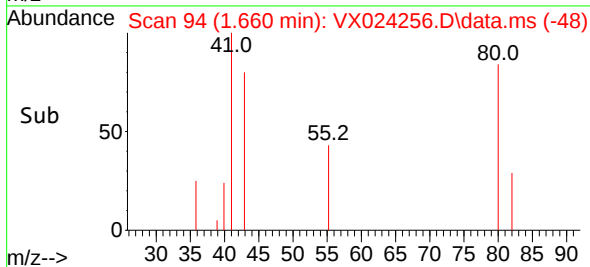
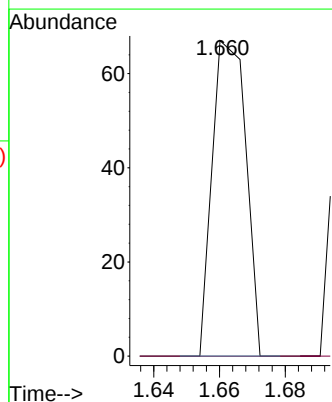
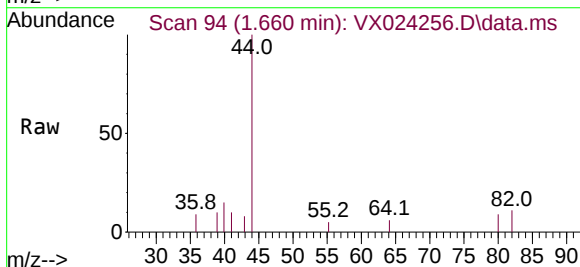
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ClientSampleId :
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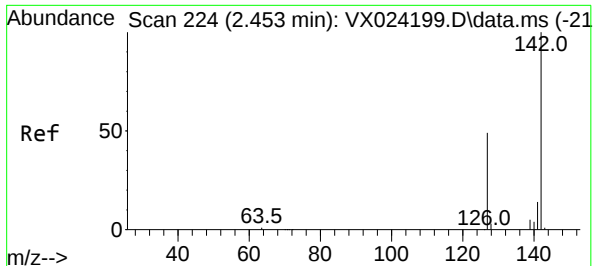
Tgt Ion: 94 Resp: 457
Ion Ratio Lower Upper
94 100
96 50.4 76.4 114.6#



#6
Chloroethane
Concen: 2.046 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.019 min
Lab File: VX024256.D
Acq: 15 Sep 2021 13:28

Tgt Ion: 64 Resp: 48
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#

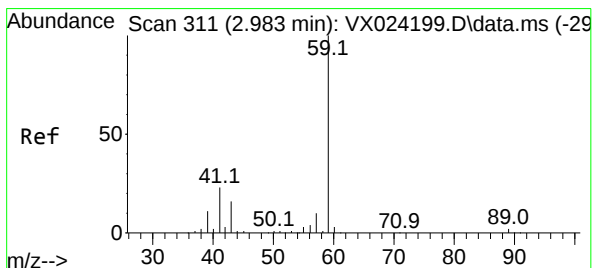
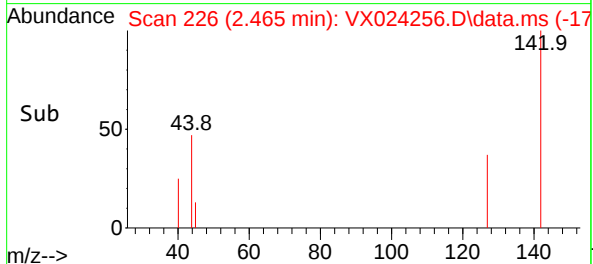
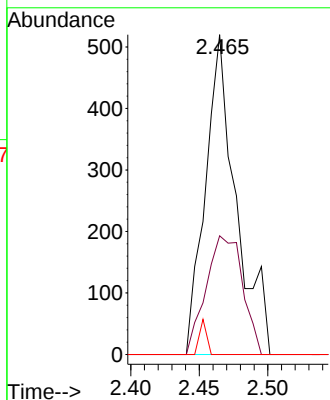
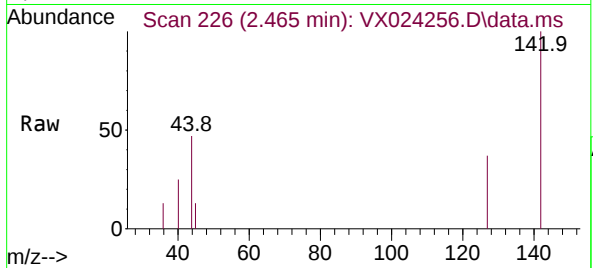




#10
Methyl Iodide
Concen: 0.452 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX024256.D
Acq: 15 Sep 2021 13:28

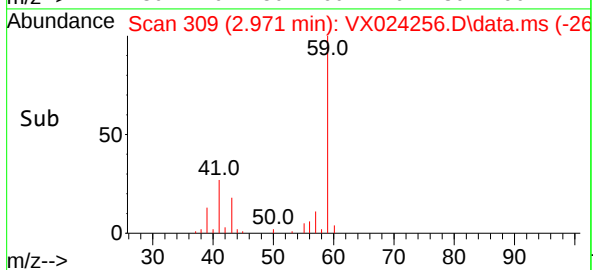
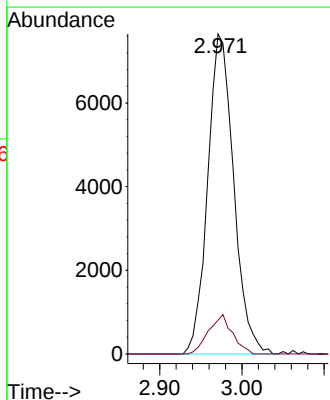
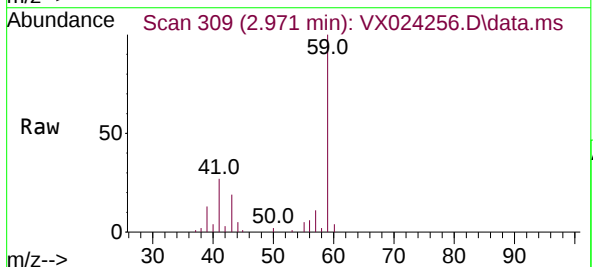
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW7-EB-20210909

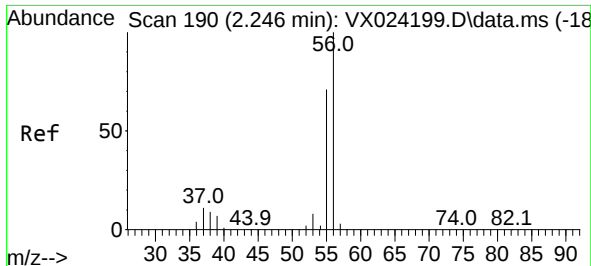
Tgt Ion:142 Resp: 807
Ion Ratio Lower Upper
142 100
127 44.4 33.3 49.9
141 2.6 11.4 17.0#



#11
Tert butyl alcohol
Concen: 23.428 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.012 min
Lab File: VX024256.D
Acq: 15 Sep 2021 13:28

Tgt Ion: 59 Resp: 16790
Ion Ratio Lower Upper
59 100
57 11.2 7.8 11.8

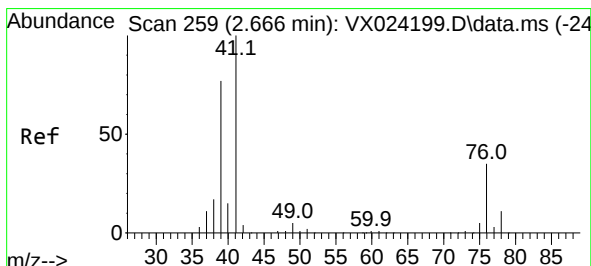
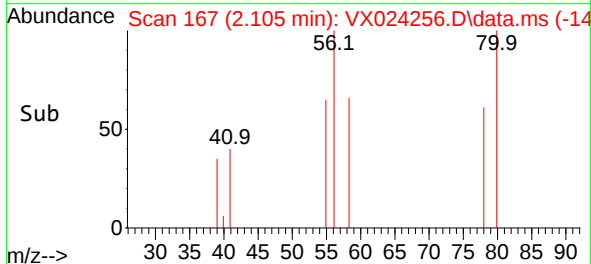
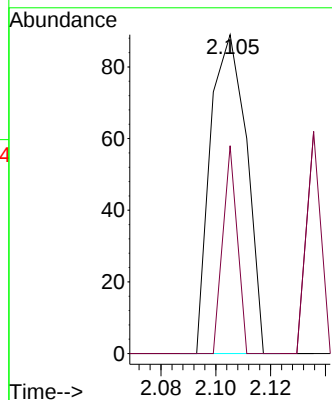
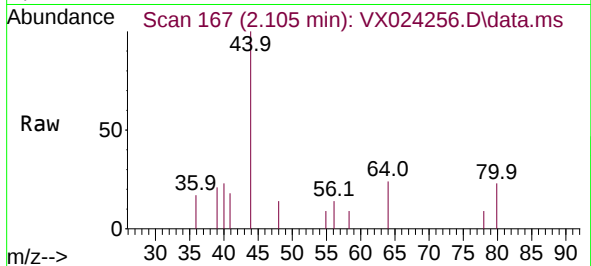




#13
Acrolein
Concen: 0.658 ug/l
RT: 2.105 min Scan# 167
Delta R.T. -0.141 min
Lab File: VX024256.D
Acq: 15 Sep 2021 13:28

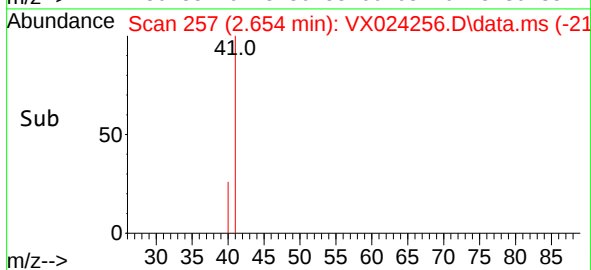
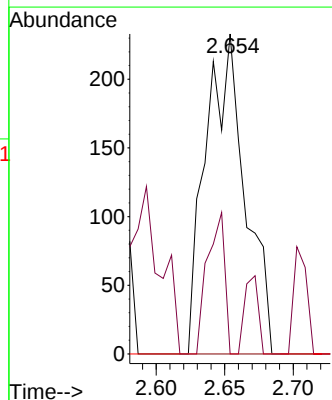
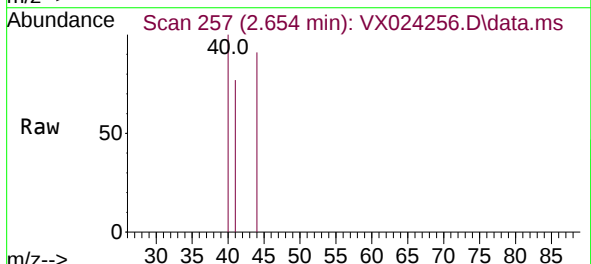
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW7-EB-20210909

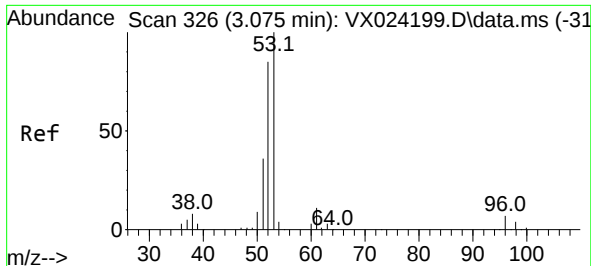
Tgt Ion: 56 Resp: 81
Ion Ratio Lower Upper
56 100
55 25.9 56.4 84.6#



#14
Allyl chloride
Concen: 0.212 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.012 min
Lab File: VX024256.D
Acq: 15 Sep 2021 13:28

Tgt Ion: 41 Resp: 466
Ion Ratio Lower Upper
41 100
39 19.5 51.6 77.4#
76 0.0 30.5 45.7#

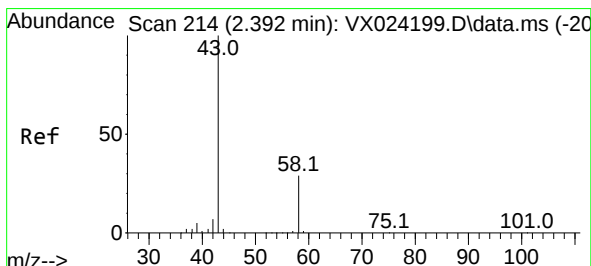
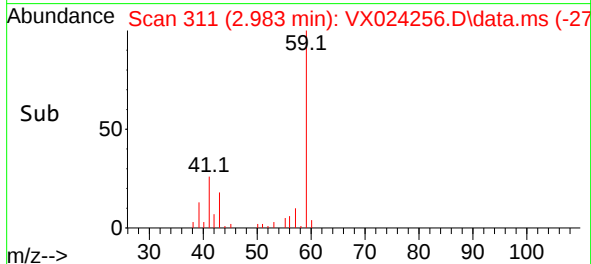
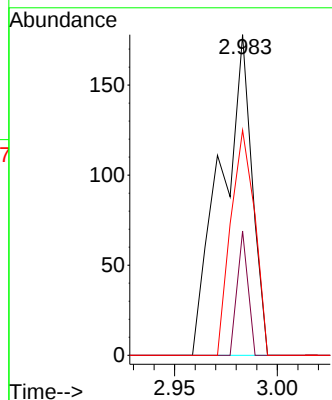
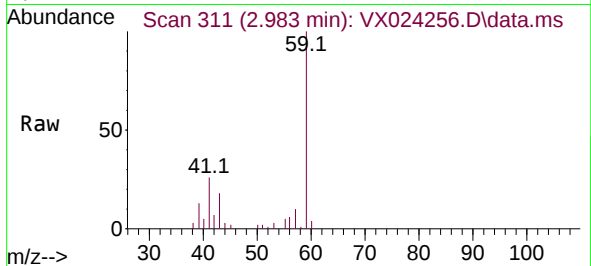




#15
Acrylonitrile
Concen: 0.245 ug/l
RT: 2.983 min Scan# 311
Delta R.T. -0.092 min
Lab File: VX024256.D
Acq: 15 Sep 2021 13:28

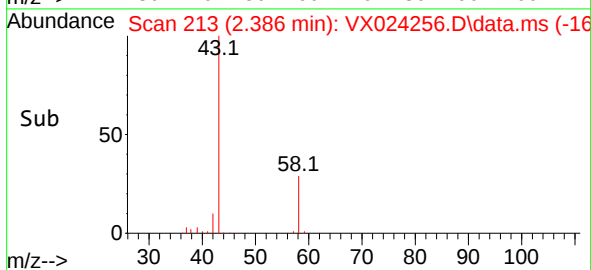
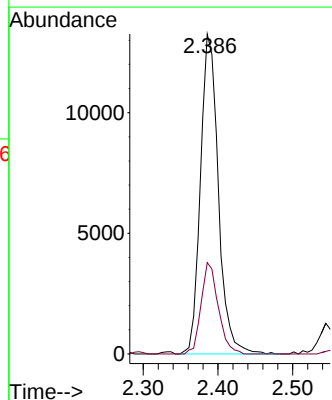
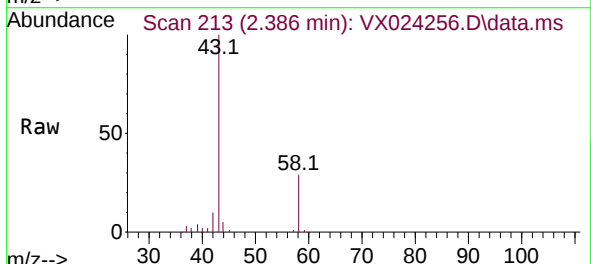
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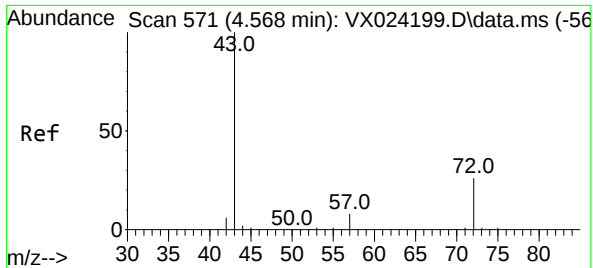
Tgt Ion:	53	Resp:	187
Ion	Ratio	Lower	Upper
53	100		
52	13.4	65.3	97.9#
51	54.0	28.2	42.2#



#16
Acetone
Concen: 27.646 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX024256.D
Acq: 15 Sep 2021 13:28

Tgt Ion:	43	Resp:	22034
Ion	Ratio	Lower	Upper
43	100		
58	28.6	27.8	41.8

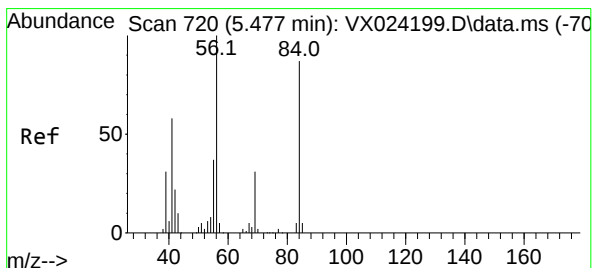
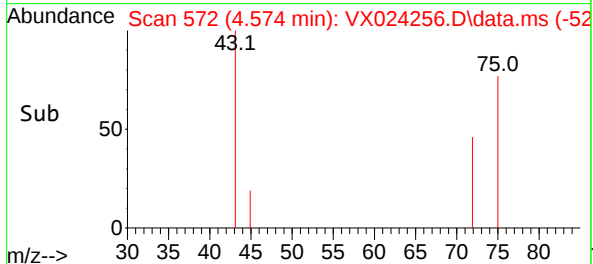
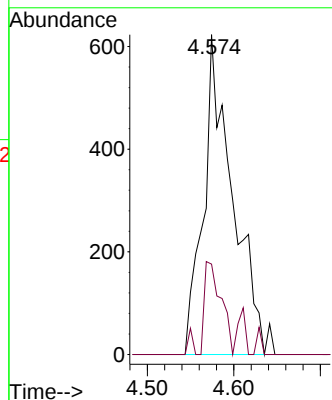
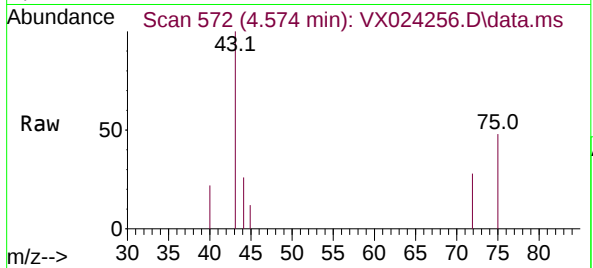




#25
2-Butanone
Concen: 1.242 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.006 min
Lab File: VX024256.D
Acq: 15 Sep 2021 13:28

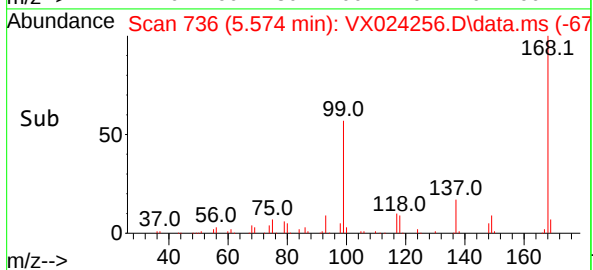
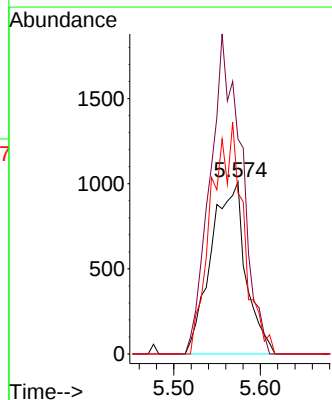
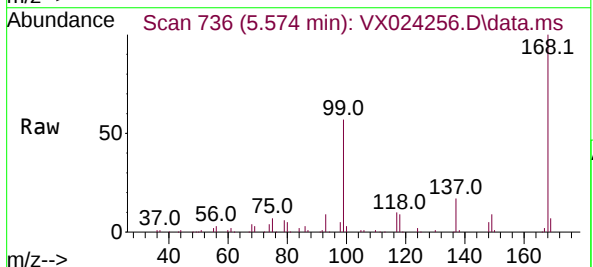
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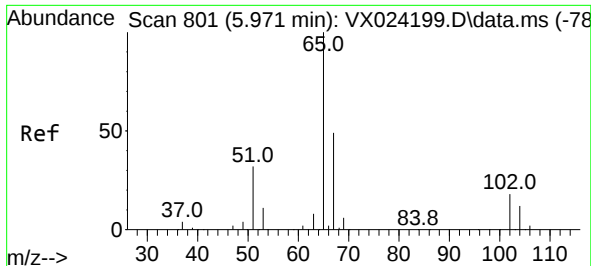
Tgt Ion: 43 Resp: 1458
Ion Ratio Lower Upper
43 100
72 28.3 23.7 35.5



#31
Cyclohexane
Concen: 1.281 ug/l
RT: 5.574 min Scan# 736
Delta R.T. 0.097 min
Lab File: VX024256.D
Acq: 15 Sep 2021 13:28

Tgt Ion: 56 Resp: 2801
Ion Ratio Lower Upper
56 100
69 125.0 25.3 37.9#
84 93.6 71.4 107.0

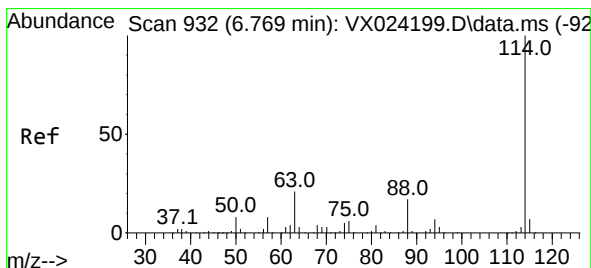
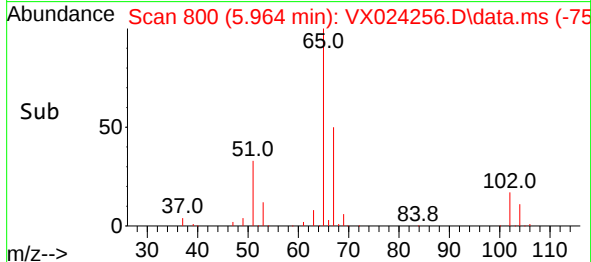
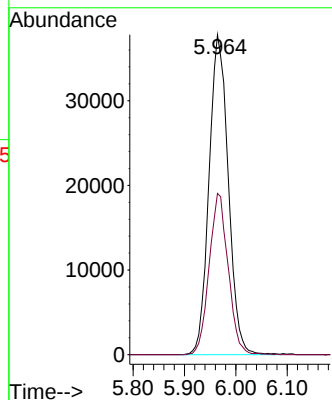
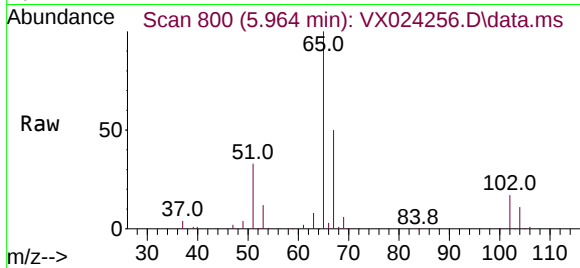




#33
1,2-Dichloroethane-d4
Concen: 52.572 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.007 min
Lab File: VX024256.D
Acq: 15 Sep 2021 13:28

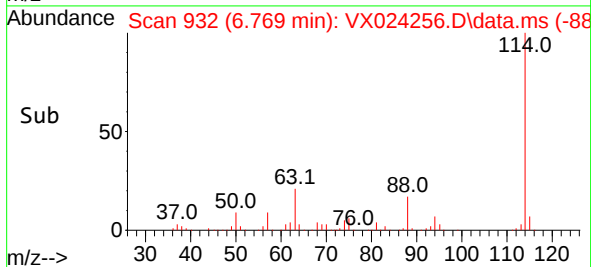
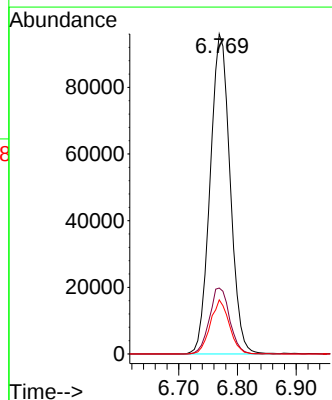
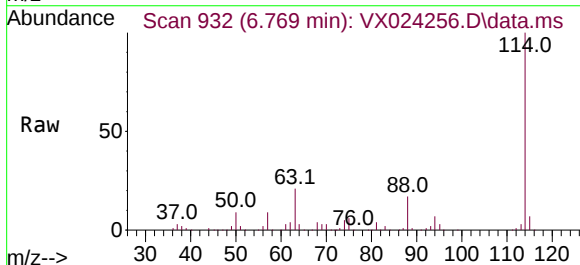
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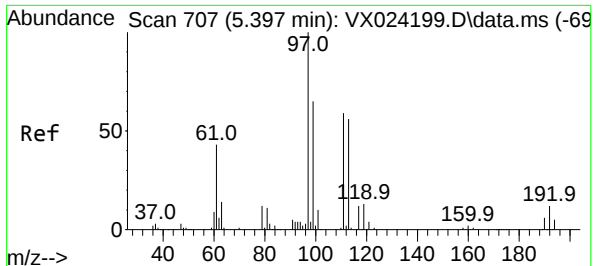
Tgt Ion: 65 Resp: 98266
Ion Ratio Lower Upper
65 100
67 49.8 0.0 105.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX024256.D
Acq: 15 Sep 2021 13:28

Tgt Ion: 114 Resp: 226224
Ion Ratio Lower Upper
114 100
63 20.6 0.0 40.8
88 16.9 0.0 32.8

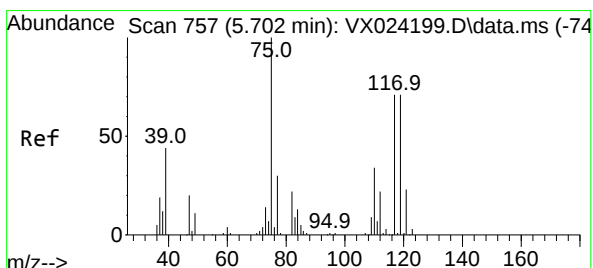
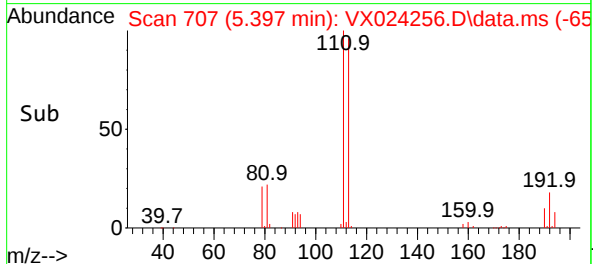
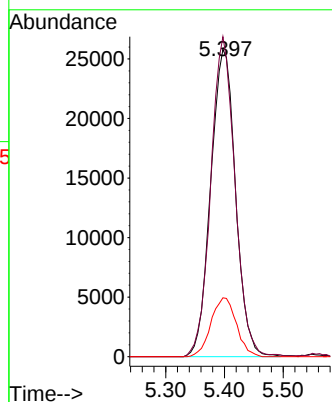
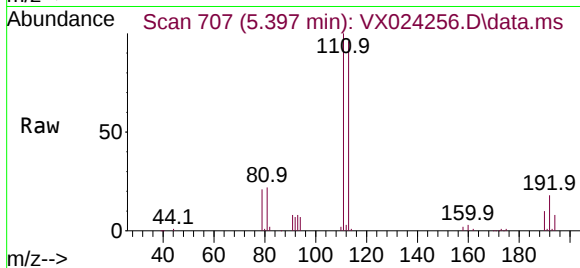




#35
Dibromofluoromethane
Concen: 49.983 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024256.D
Acq: 15 Sep 2021 13:28

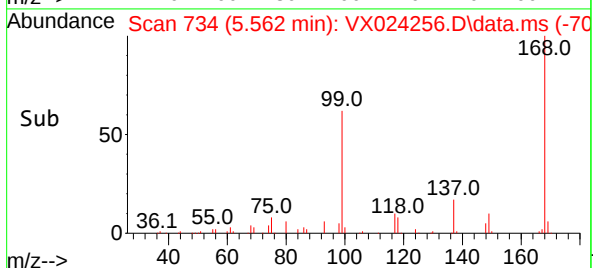
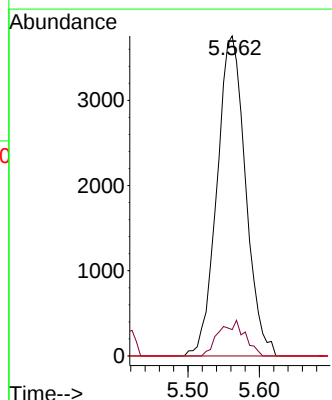
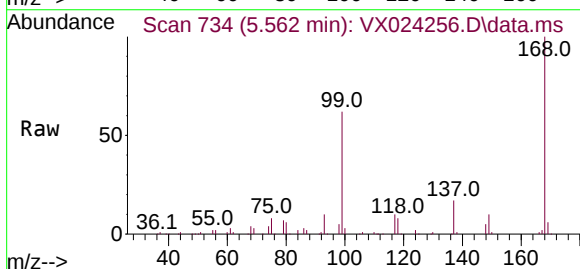
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW7-EB-20210909

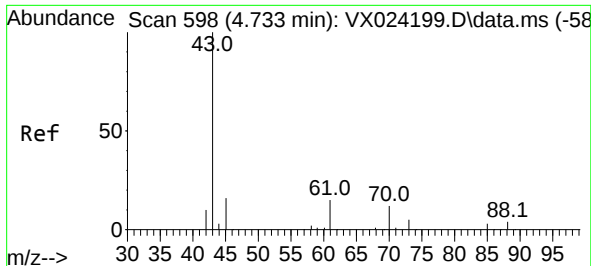
Tgt Ion:	113	Resp:	75832
Ion	Ratio	Lower	Upper
113	100		
111	101.3	81.9	122.9
192	19.6	16.7	25.1



#36
1,1-Dichloropropene
Concen: 5.005 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX024256.D
Acq: 15 Sep 2021 13:28

Tgt Ion:	75	Resp:	10410
Ion	Ratio	Lower	Upper
75	100		
110	10.1	18.1	54.4#
77	0.0	25.3	37.9#





#37

Ethyl Acetate

Concen: 0.602 ug/l

RT: 4.574 min Scan# 572

Delta R.T. -0.159 min

Lab File: VX024256.D

Acq: 15 Sep 2021 13:28

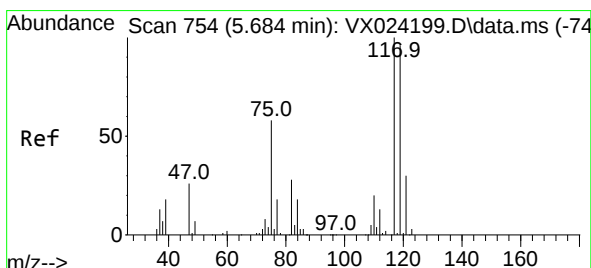
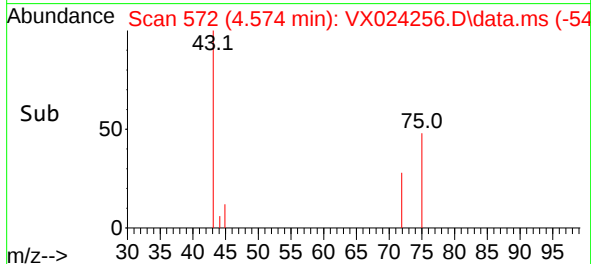
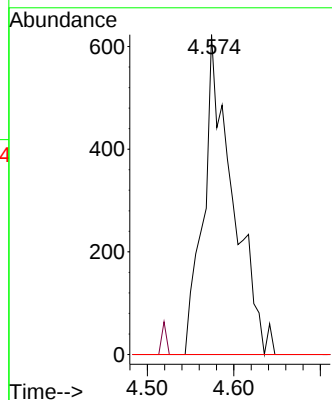
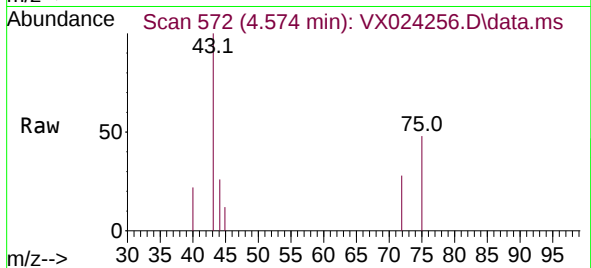
Instrument :

MSVOA_X

ClientSampleId :

BP-TT-VPB-RW7-EB-20210909

Tgt Ion: 43	Resp: 1458
Ion Ratio	Lower Upper
43 100	
61 0.0	12.8 19.2#
70 0.0	10.5 15.7#



#38

Carbon Tetrachloride

Concen: 5.794 ug/l

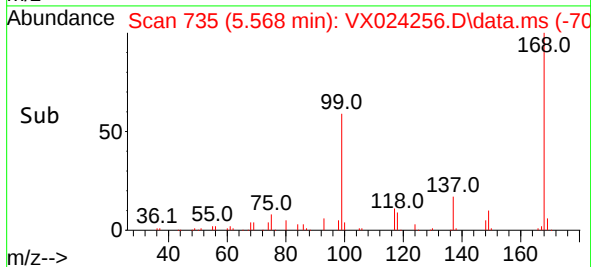
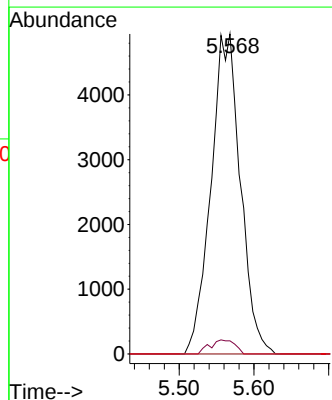
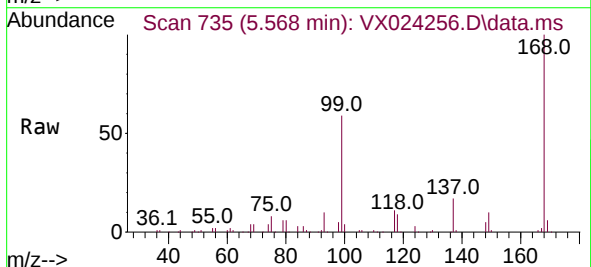
RT: 5.568 min Scan# 735

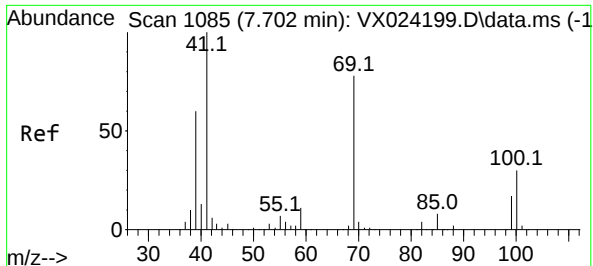
Delta R.T. -0.116 min

Lab File: VX024256.D

Acq: 15 Sep 2021 13:28

Tgt Ion: 117	Resp: 13564
Ion Ratio	Lower Upper
117 100	
119 4.1	76.2 114.2#
121 0.0	24.8 37.2#





#48

Methyl methacrylate

Concen: 3.191 ug/l

RT: 7.860 min Scan# 1111

Delta R.T. 0.158 min

Lab File: VX024256.D

Acq: 15 Sep 2021 13:28

Tgt Ion: 41 Resp: 6143

Ion Ratio Lower Upper

41 100

69 1.6 76.0 114.0#

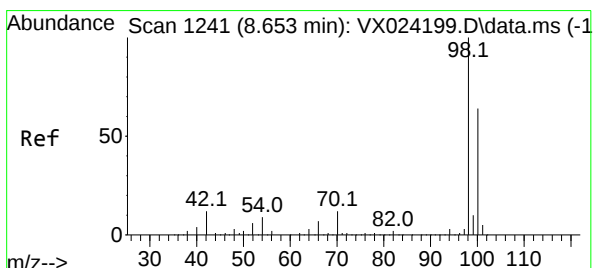
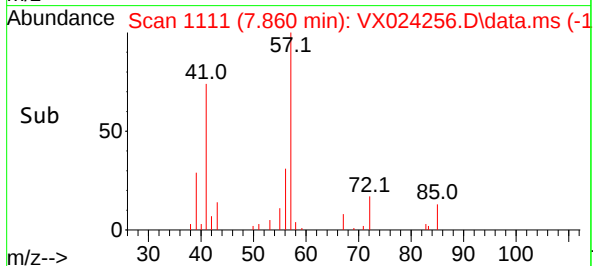
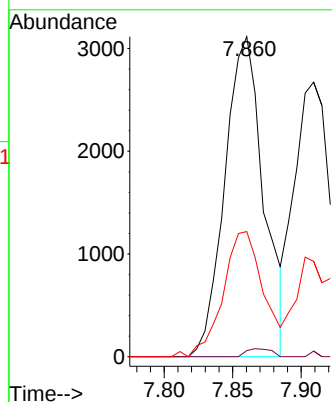
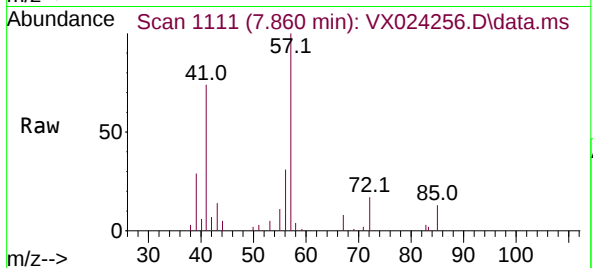
39 40.7 44.6 67.0#

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-VPB-RW7-EB-20210909



#50

Toluene-d8

Concen: 50.562 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX024256.D

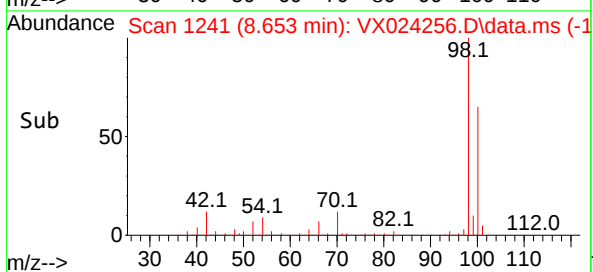
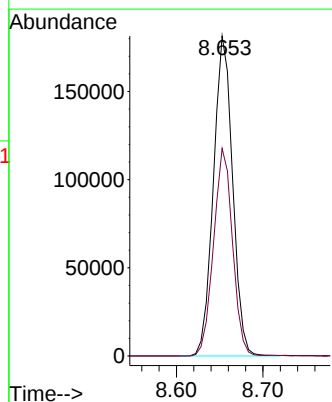
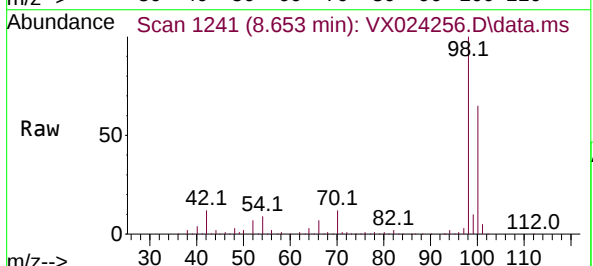
Acq: 15 Sep 2021 13:28

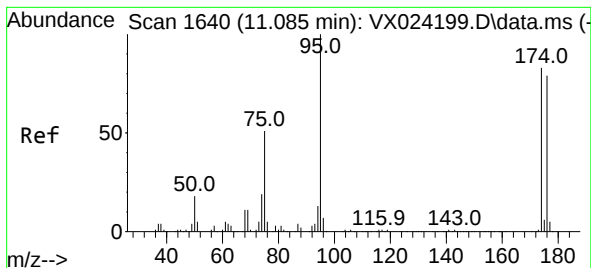
Tgt Ion: 98 Resp: 279451

Ion Ratio Lower Upper

98 100

100 63.9 51.9 77.9

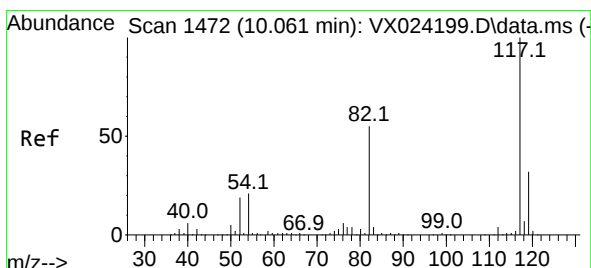
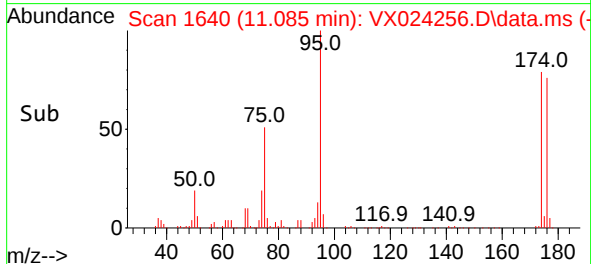
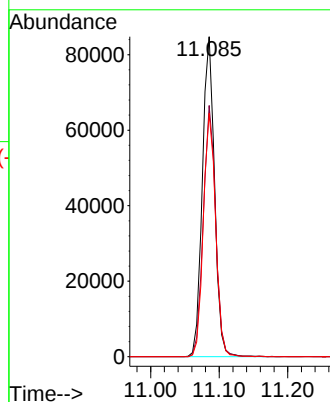
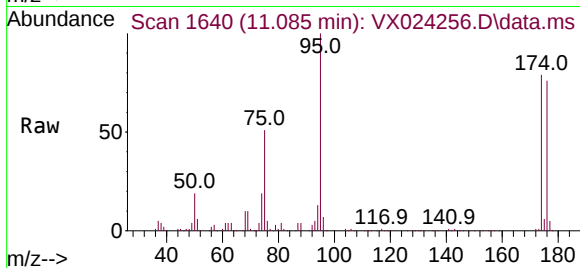




#62
4-Bromofluorobenzene
Concen: 48.808 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024256.D
Acq: 15 Sep 2021 13:28

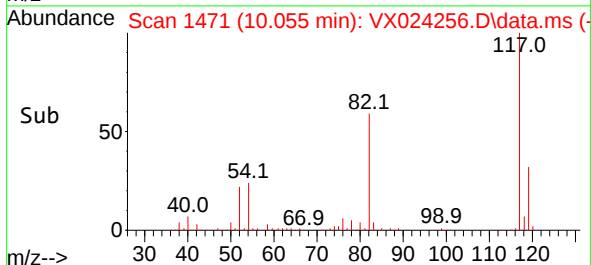
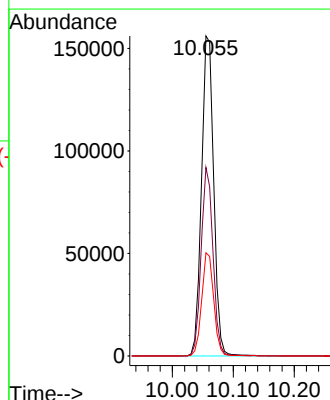
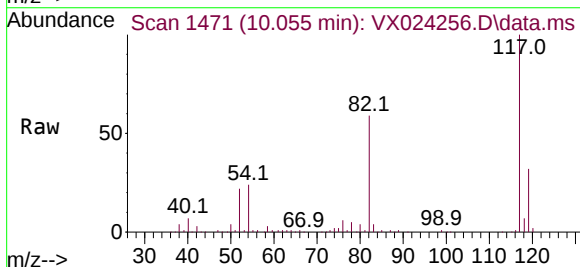
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW7-EB-20210909

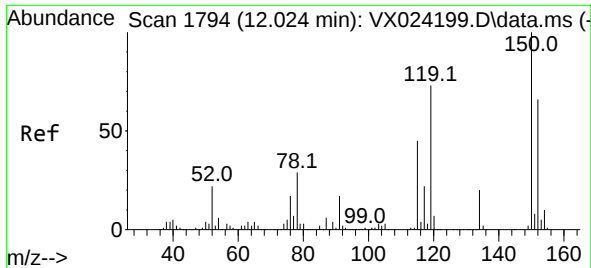
Tgt Ion: 95 Resp: 104980
Ion Ratio Lower Upper
95 100
174 79.6 0.0 154.6
176 76.7 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX024256.D
Acq: 15 Sep 2021 13:28

Tgt Ion: 117 Resp: 217343
Ion Ratio Lower Upper
117 100
82 58.9 47.4 71.2
119 32.3 26.6 39.8

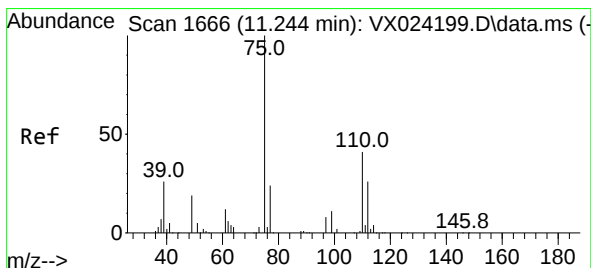
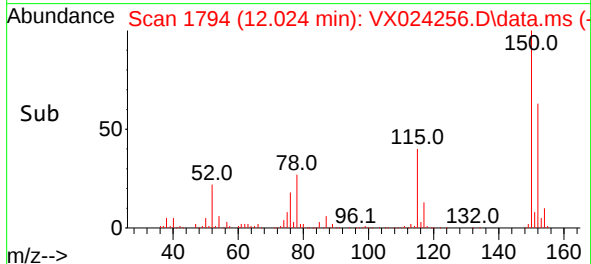
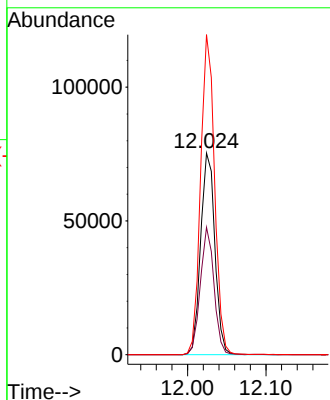
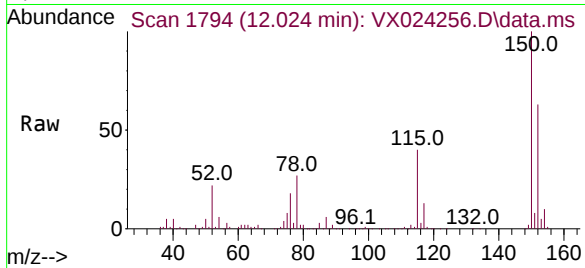




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024256.D
Acq: 15 Sep 2021 13:28

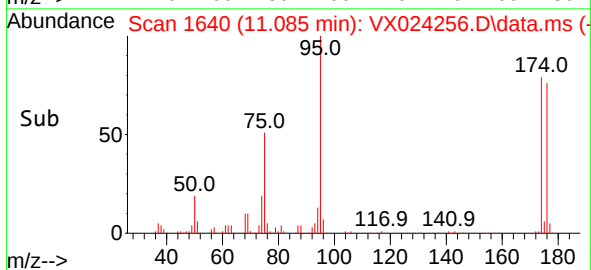
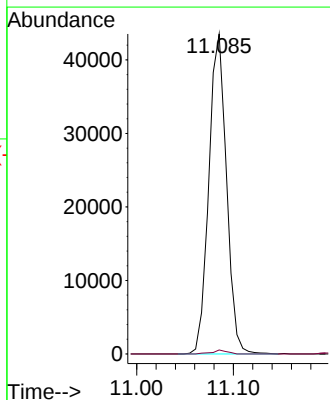
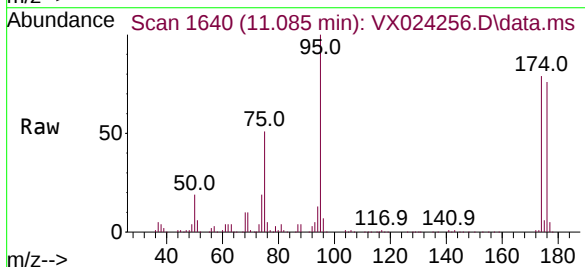
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW7-EB-20210909

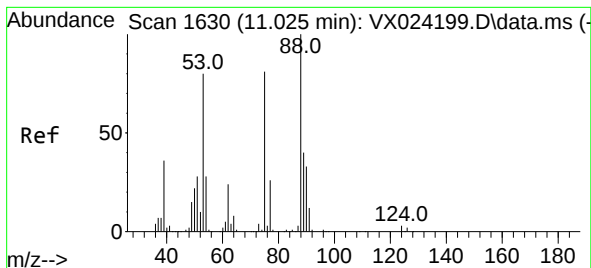
Tgt Ion:152 Resp: 94952
Ion Ratio Lower Upper
152 100
115 60.8 41.1 123.3
150 155.9 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 25.310 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024256.D
Acq: 15 Sep 2021 13:28

Tgt Ion: 75 Resp: 55260
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#

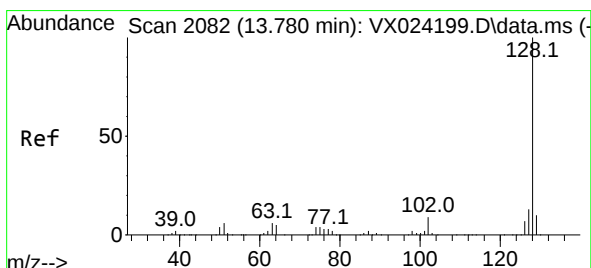
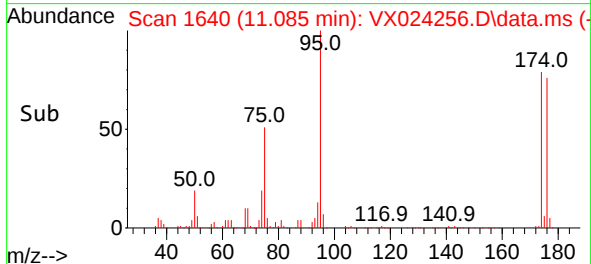
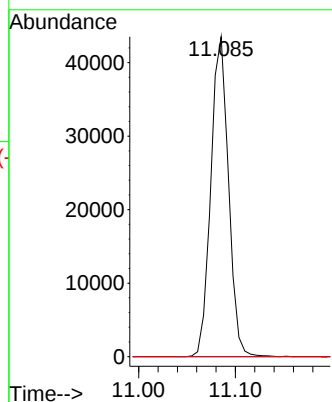
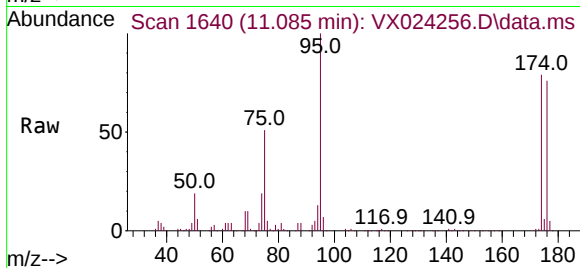




#81
trans-1,4-Dichloro-2-butene
Concen: 74.437 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX024256.D
Acq: 15 Sep 2021 13:28

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW7-EB-20210909

Tgt Ion: 75 Resp: 55260
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#95
Naphthalene
Concen: 1.334 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VX024256.D
Acq: 15 Sep 2021 13:28

Tgt Ion: 128 Resp: 330
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 6.1 8.8 13.2#

