

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091421\
 Data File : VX024216.D
 Acq On : 14 Sep 2021 18:39
 Operator : JC/MD
 Sample : M3729-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-VPB-RW7-GW-800-802

Quant Time: Sep 15 01:58:19 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)

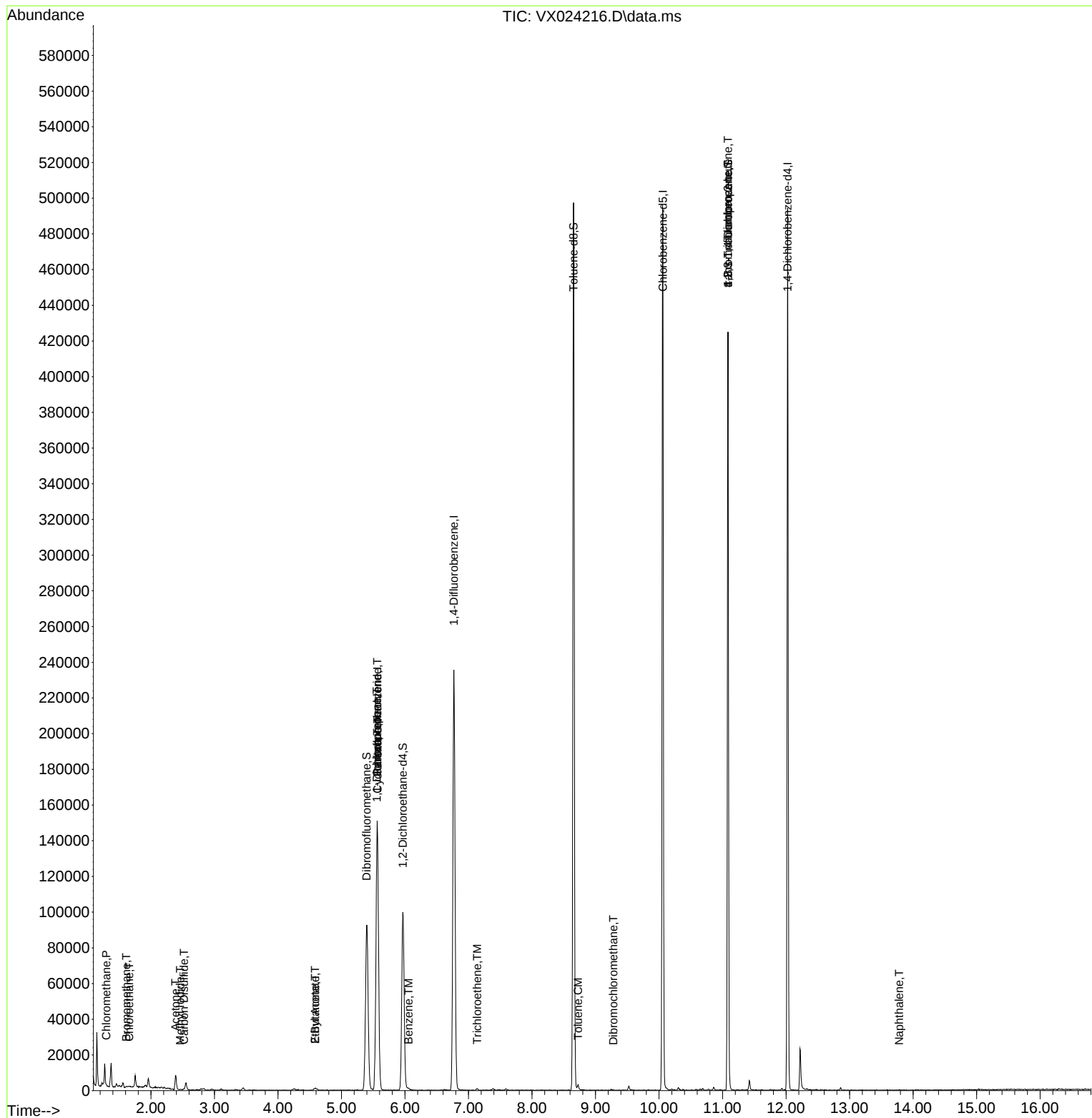
Internal Standards						
1) Pentafluorobenzene	5.562	168	136214	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	234033	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	222163	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	95911	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	101620	52.318	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 104.640%			
35) Dibromofluoromethane	5.397	113	78498	50.014	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.020%			
50) Toluene-d8	8.653	98	287593	50.299	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.600%			
62) 4-Bromofluorobenzene	11.085	95	106322	47.782	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 95.560%			
Target Compounds					Qvalue	
3) Chloromethane	1.294	50	443	0.324	ug/l #	73
5) Bromomethane	1.611	94	709	0.875	ug/l #	32
6) Chloroethane	1.654	64	322	2.280	ug/l #	43
10) Methyl Iodide	2.459	142	374	0.202	ug/l #	87
11) Tert butyl alcohol	2.971	59	545	Below Cal	#	73
16) Acetone	2.386	43	8583	10.363	ug/l #	86
17) Carbon Disulfide	2.520	76	815	0.259	ug/l #	75
25) 2-Butanone	4.586	43	991	0.812	ug/l #	76
31) Cyclohexane	5.568	56	3069	1.351	ug/l #	22
36) 1,1-Dichloropropene	5.556	75	10656	4.952	ug/l #	51
37) Ethyl Acetate	4.586	43	991	0.395	ug/l #	71
38) Carbon Tetrachloride	5.562	117	14302	5.906	ug/l #	15
40) Benzene	6.056	78	1305	0.211	ug/l #	89
44) Trichloroethene	7.135	130	376	0.217	ug/l	73
52) Toluene	8.726	92	1001	0.247	ug/l	98
60) Dibromochloromethane	9.281	129	53	1.752	ug/l #	11
76) 1,2,3-Trichloropropane	11.085	75	57541	26.091	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	57541	76.734	ug/l #	12
95) Naphthalene	13.780	128	303	1.330	ug/l #	69

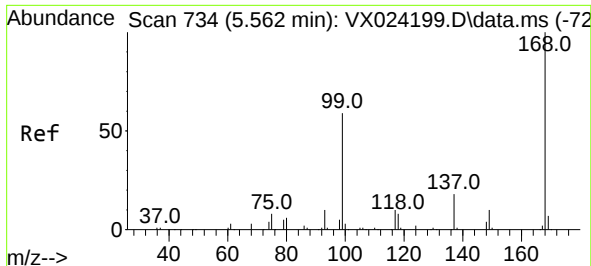
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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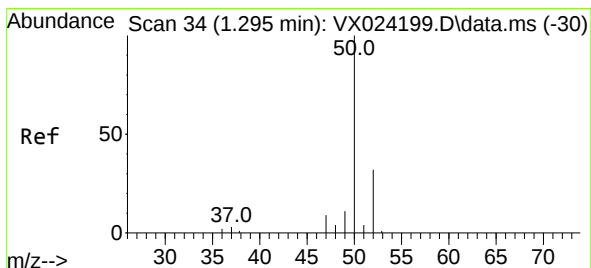
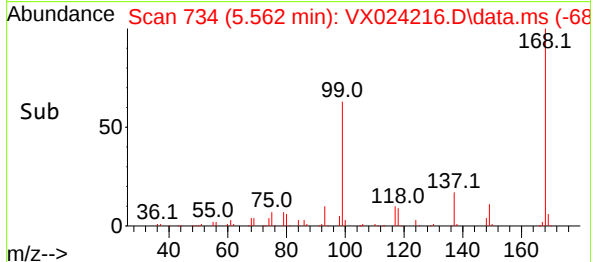
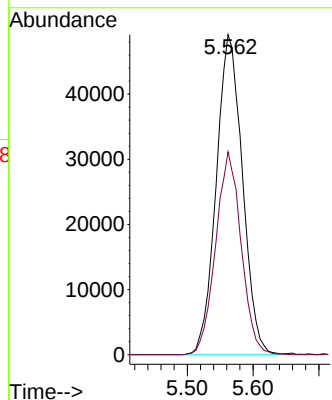
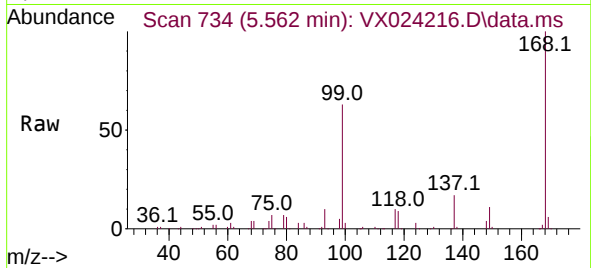




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX024216.D
Acq: 14 Sep 2021 18:39

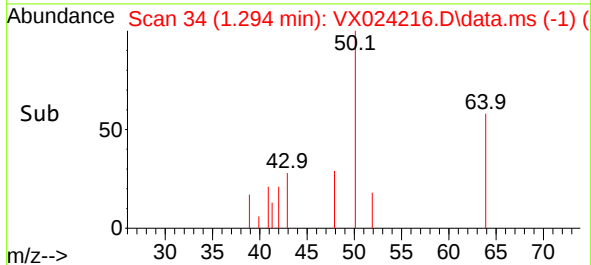
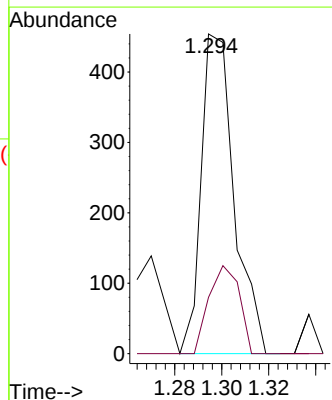
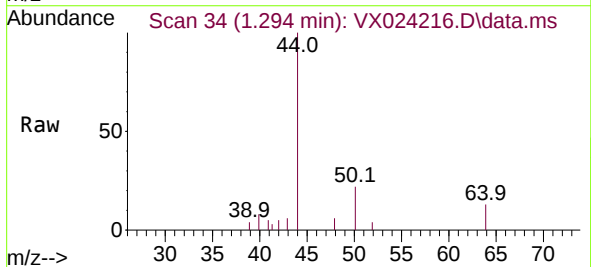
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW7-GW-800-802

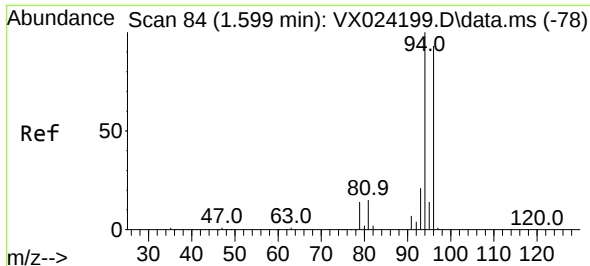
Tgt Ion:168 Resp: 136214
Ion Ratio Lower Upper
168 100
99 63.4 45.8 68.6



#3
Chloromethane
Concen: 0.324 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.001 min
Lab File: VX024216.D
Acq: 14 Sep 2021 18:39

Tgt Ion: 50 Resp: 443
Ion Ratio Lower Upper
50 100
52 17.6 26.4 39.6#

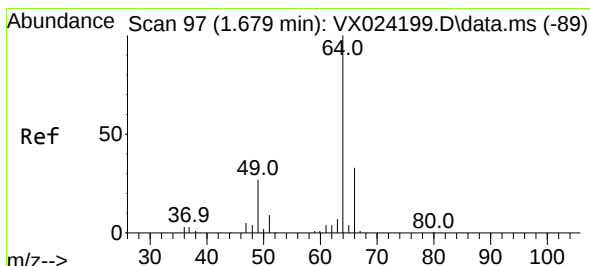
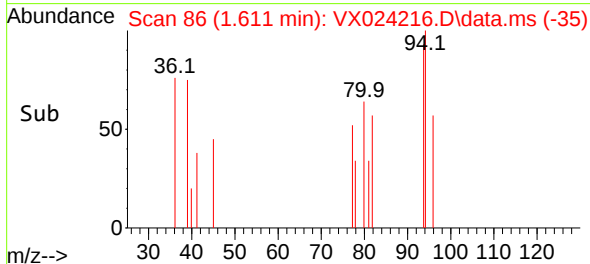
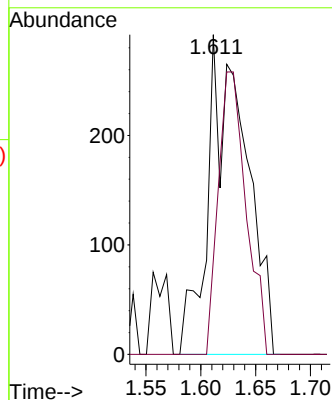
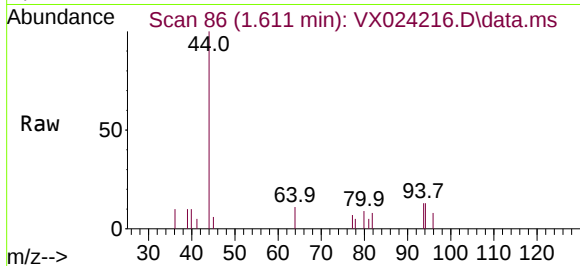




#5
Bromomethane
Concen: 0.875 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX024216.D
Acq: 14 Sep 2021 18:39

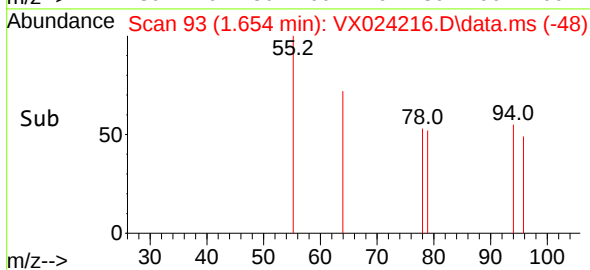
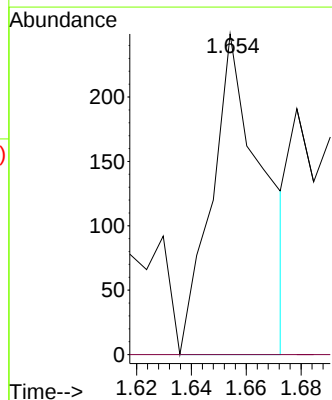
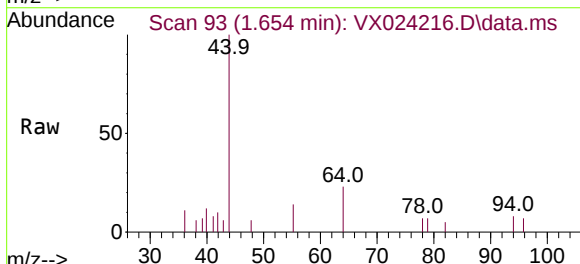
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW7-GW-800-802

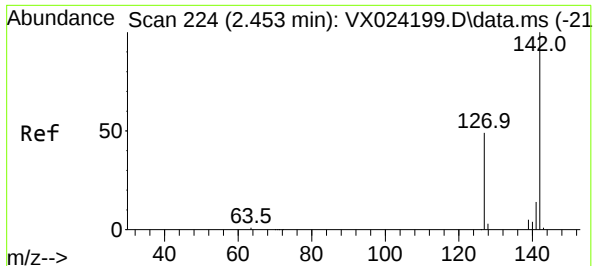
Tgt Ion: 94 Resp: 709
Ion Ratio Lower Upper
94 100
96 29.5 76.4 114.6#



#6
Chloroethane
Concen: 2.280 ug/l
RT: 1.654 min Scan# 93
Delta R.T. -0.025 min
Lab File: VX024216.D
Acq: 14 Sep 2021 18:39

Tgt Ion: 64 Resp: 322
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#

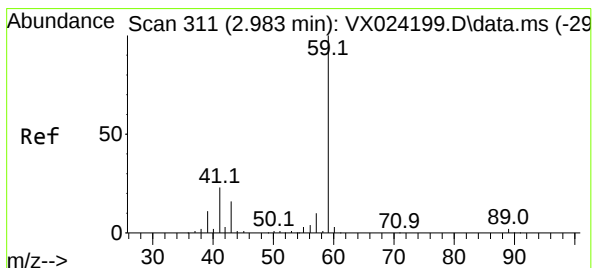
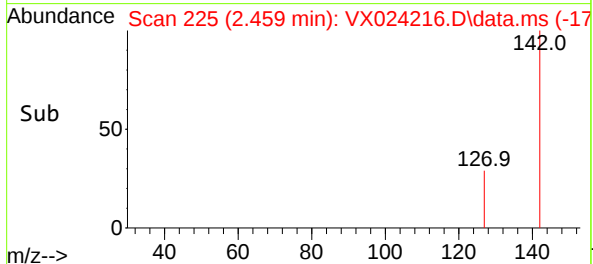
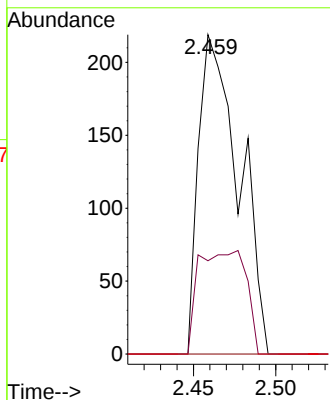
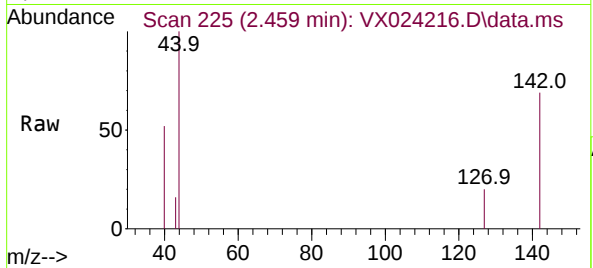




#10
Methyl Iodide
Concen: 0.202 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX024216.D
Acq: 14 Sep 2021 18:39

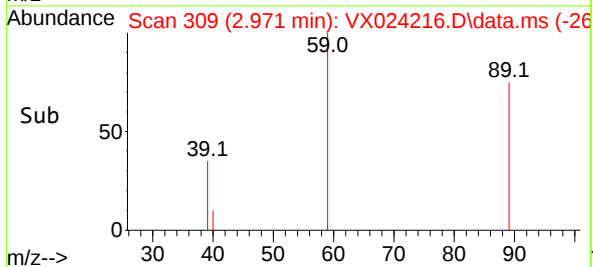
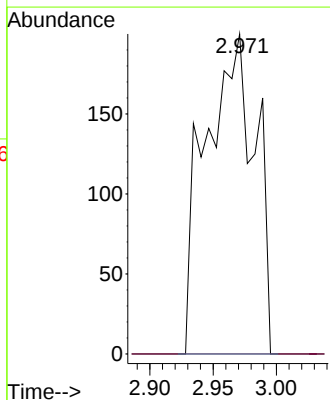
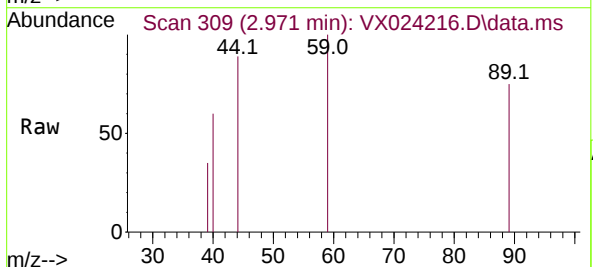
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW7-GW-800-802

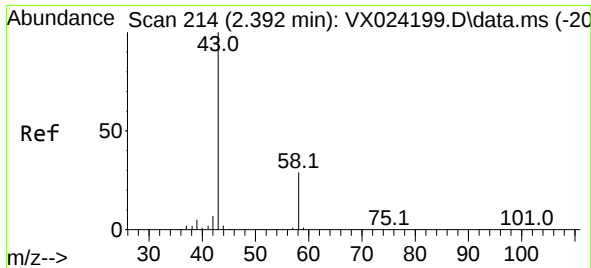
Tgt Ion:142 Resp: 374
Ion Ratio Lower Upper
142 100
127 38.0 33.3 49.9
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.971 min Scan# 309
Delta R.T. -0.012 min
Lab File: VX024216.D
Acq: 14 Sep 2021 18:39

Tgt Ion: 59 Resp: 545
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

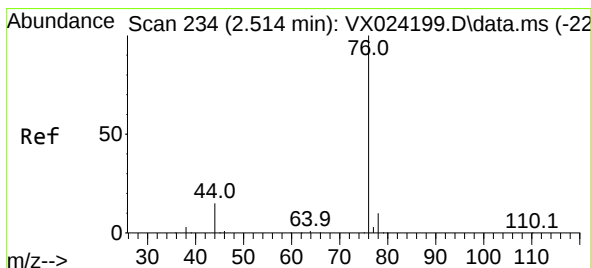
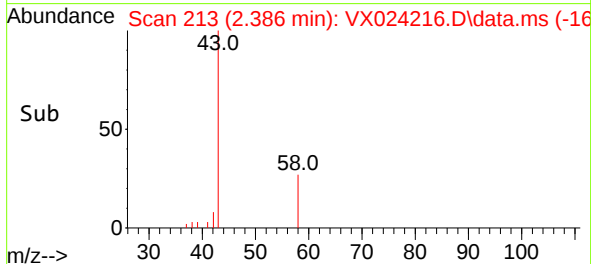
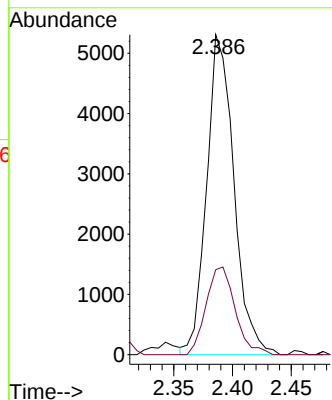
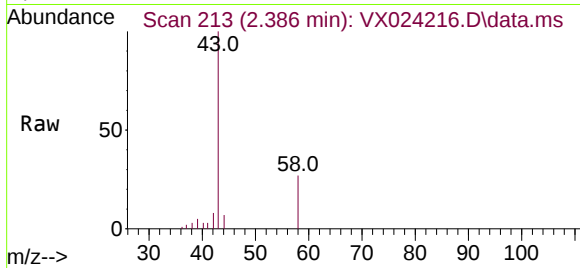




#16
Acetone
Concen: 10.363 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX024216.D
Acq: 14 Sep 2021 18:39

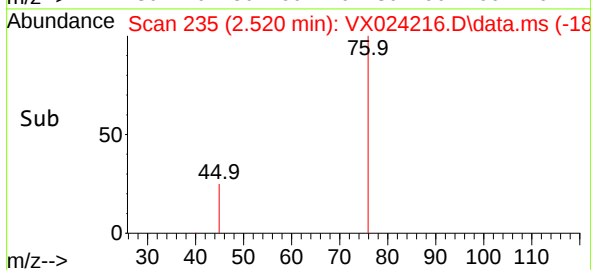
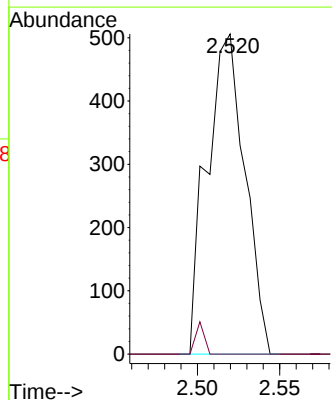
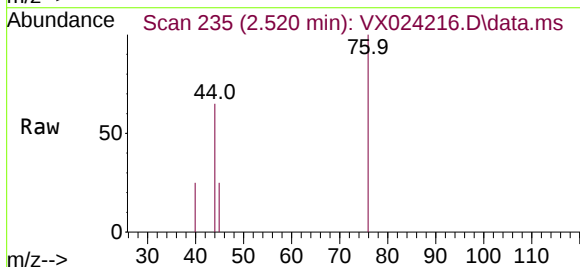
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW7-GW-800-802

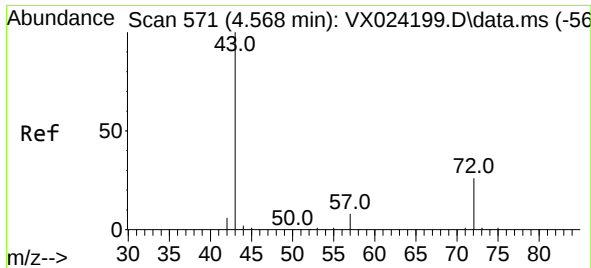
Tgt Ion: 43 Resp: 8583
Ion Ratio Lower Upper
43 100
58 26.6 27.8 41.8#



#17
Carbon Disulfide
Concen: 0.259 ug/l
RT: 2.520 min Scan# 235
Delta R.T. 0.006 min
Lab File: VX024216.D
Acq: 14 Sep 2021 18:39

Tgt Ion: 76 Resp: 815
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#

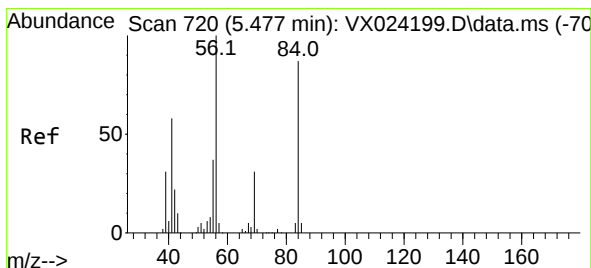
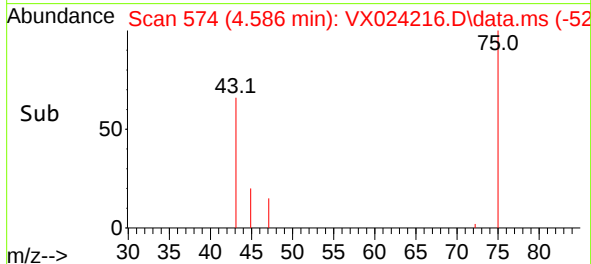
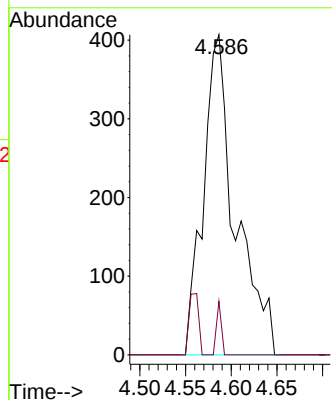
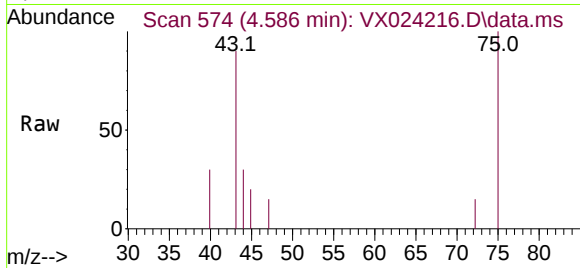




#25
2-Butanone
Concen: 0.812 ug/l
RT: 4.586 min Scan# 574
Delta R.T. 0.018 min
Lab File: VX024216.D
Acq: 14 Sep 2021 18:39

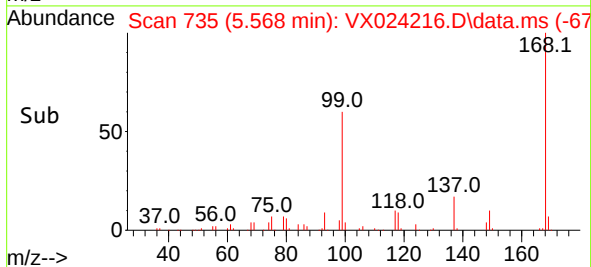
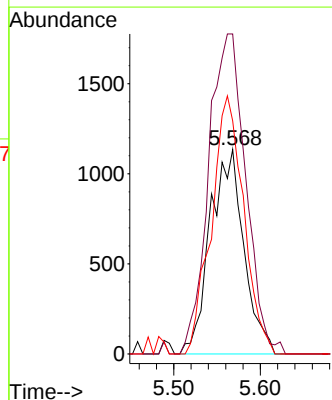
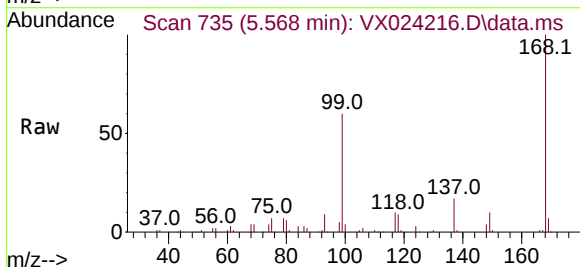
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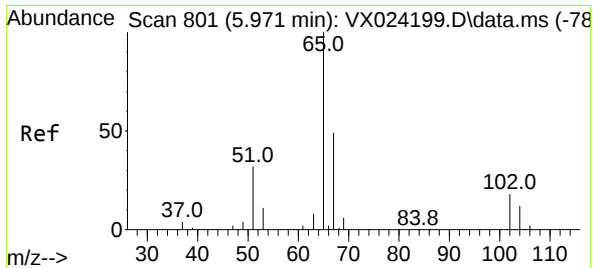
Tgt Ion: 43 Resp: 991
Ion Ratio Lower Upper
43 100
72 16.7 23.7 35.5#



#31
Cyclohexane
Concen: 1.351 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.091 min
Lab File: VX024216.D
Acq: 14 Sep 2021 18:39

Tgt Ion: 56 Resp: 3069
Ion Ratio Lower Upper
56 100
69 156.5 25.3 37.9#
84 114.0 71.4 107.0#

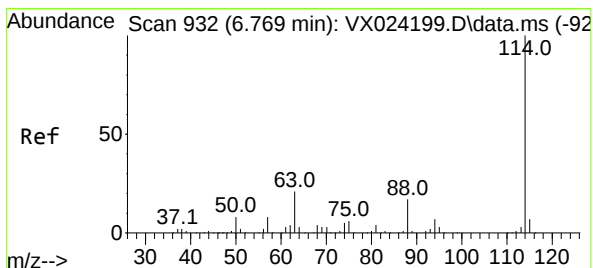
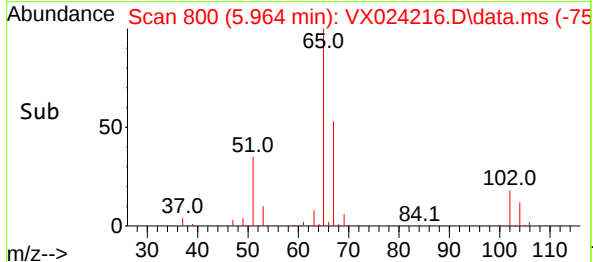
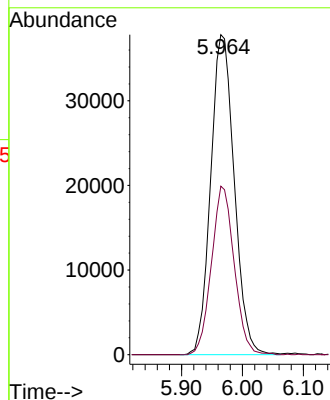
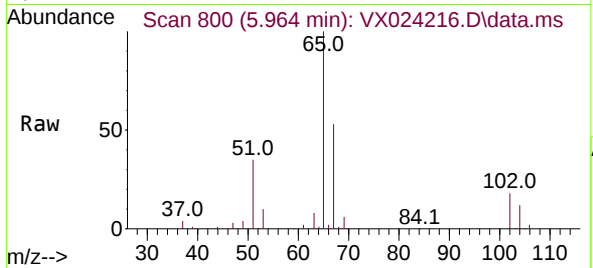




#33
 1,2-Dichloroethane-d4
 Concen: 52.318 ug/l
 RT: 5.964 min Scan# 800
 Delta R.T. -0.007 min
 Lab File: VX024216.D
 Acq: 14 Sep 2021 18:39

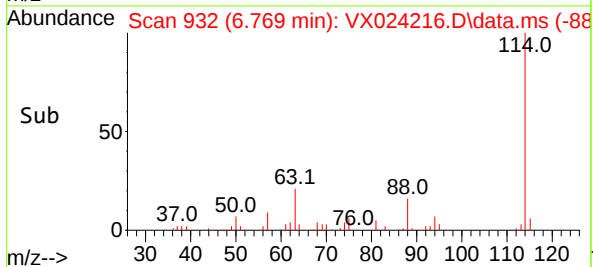
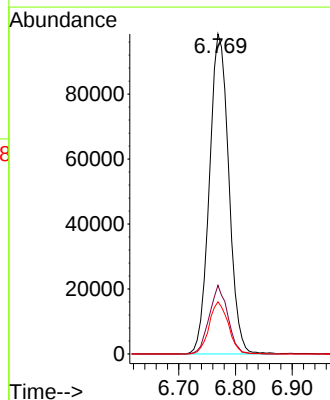
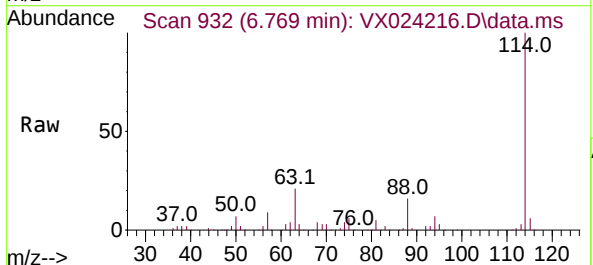
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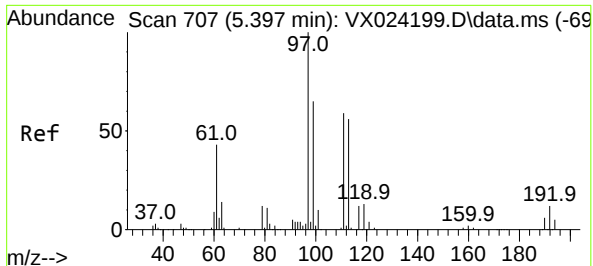
Tgt Ion: 65 Resp: 101620
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. 0.000 min
 Lab File: VX024216.D
 Acq: 14 Sep 2021 18:39

Tgt Ion: 114 Resp: 234033
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 40.8
 88 16.3 0.0 32.8

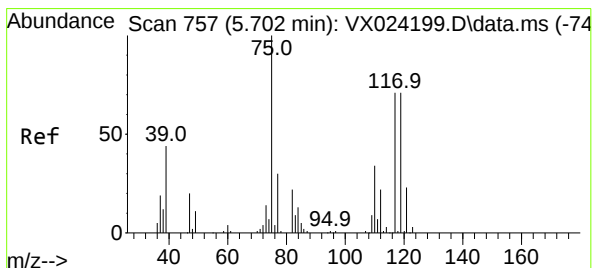
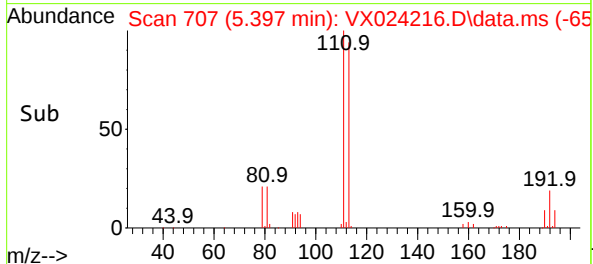
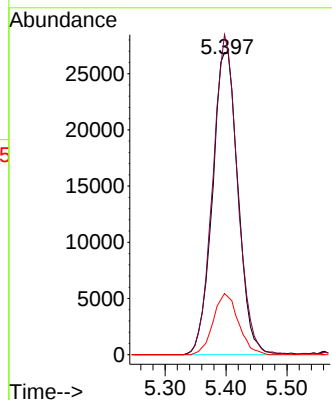
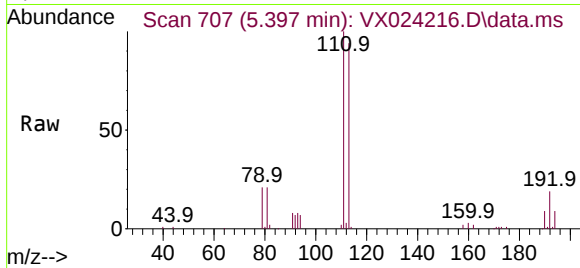




#35
Dibromofluoromethane
Concen: 50.014 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024216.D
Acq: 14 Sep 2021 18:39

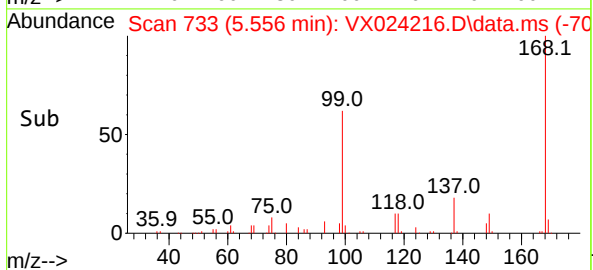
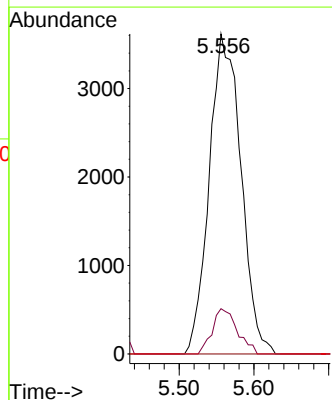
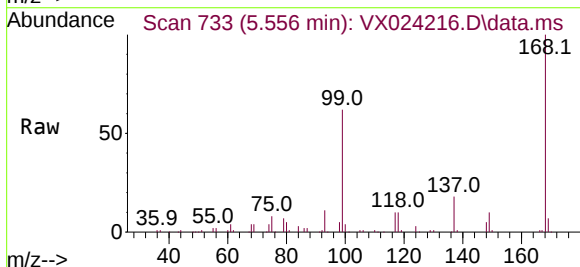
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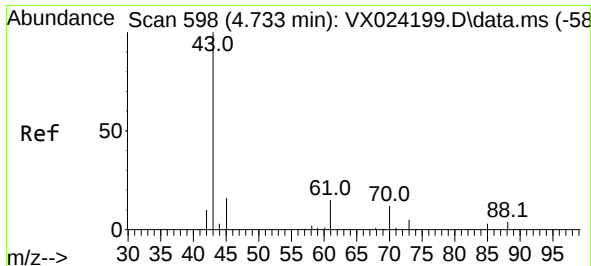
Tgt Ion:	113	Resp:	78498
Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.9	122.9
192	19.8	16.7	25.1



#36
1,1-Dichloropropene
Concen: 4.952 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.146 min
Lab File: VX024216.D
Acq: 14 Sep 2021 18:39

Tgt Ion:	75	Resp:	10656
Ion	Ratio	Lower	Upper
75	100		
110	11.1	18.1	54.4#
77	0.0	25.3	37.9#

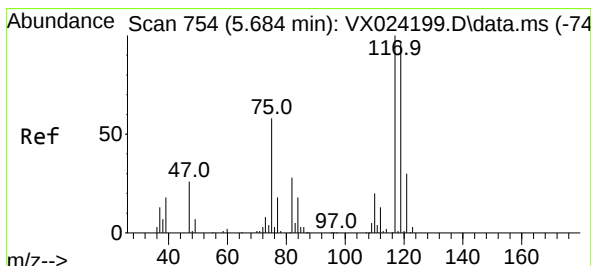
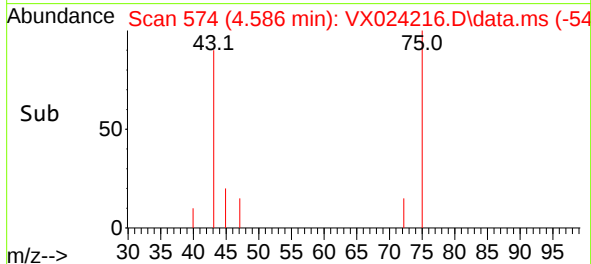
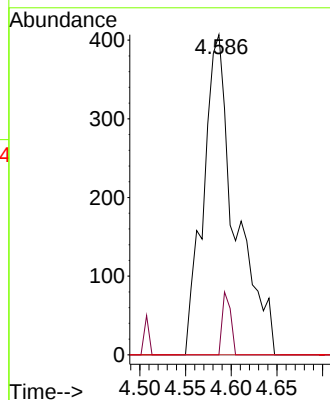
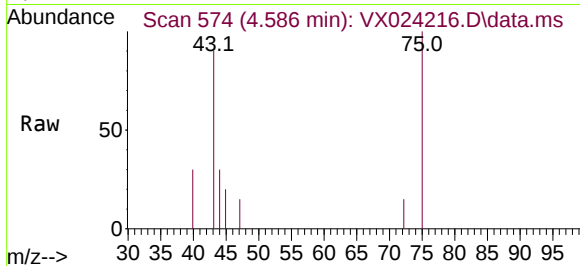




#37
Ethyl Acetate
Concen: 0.395 ug/l
RT: 4.586 min Scan# 574
Delta R.T. -0.147 min
Lab File: VX024216.D
Acq: 14 Sep 2021 18:39

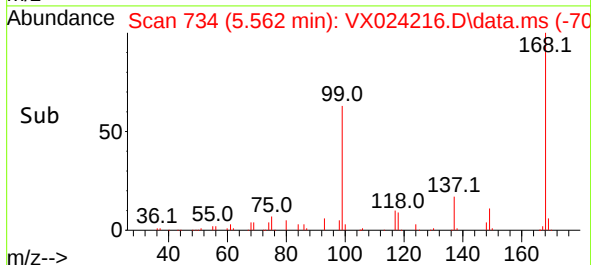
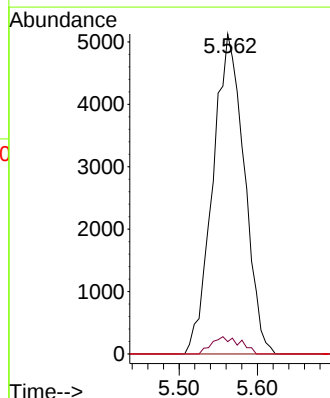
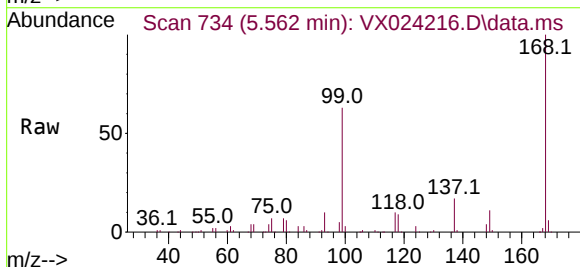
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW7-GW-800-802

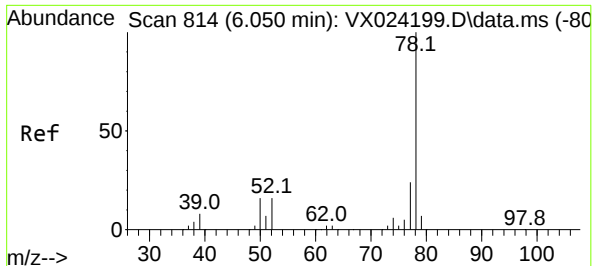
Tgt Ion: 43	Resp: 991
Ion Ratio	Lower Upper
43 100	
61 5.1	12.8 19.2#
70 0.0	10.5 15.7#



#38
Carbon Tetrachloride
Concen: 5.906 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX024216.D
Acq: 14 Sep 2021 18:39

Tgt Ion: 117	Resp: 14302
Ion Ratio	Lower Upper
117 100	
119 3.8	76.2 114.2#
121 0.0	24.8 37.2#

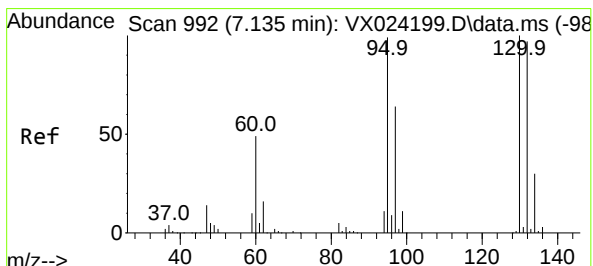
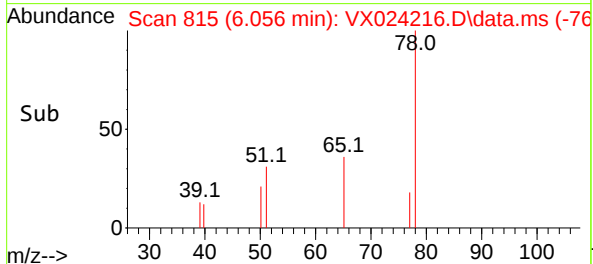
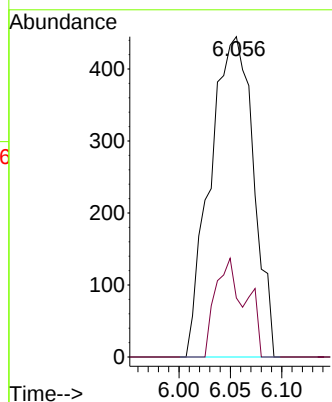
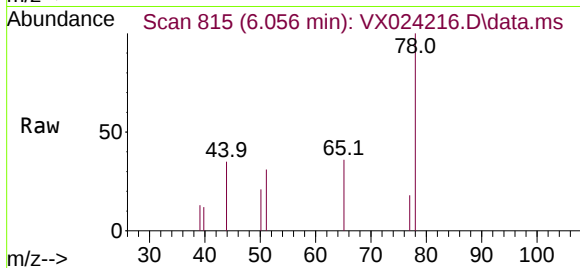




#40
Benzene
Concen: 0.211 ug/l
RT: 6.056 min Scan# 815
Delta R.T. 0.006 min
Lab File: VX024216.D
Acq: 14 Sep 2021 18:39

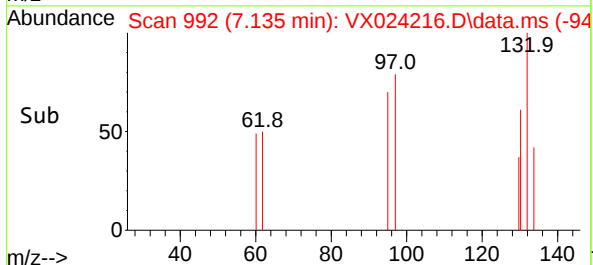
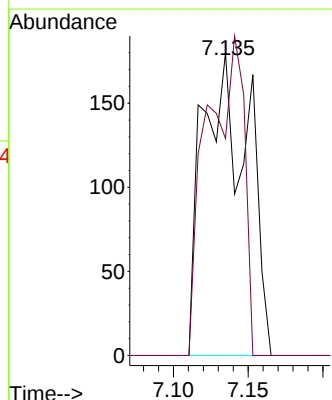
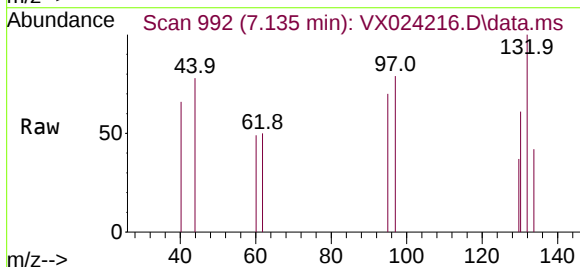
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW7-GW-800-802

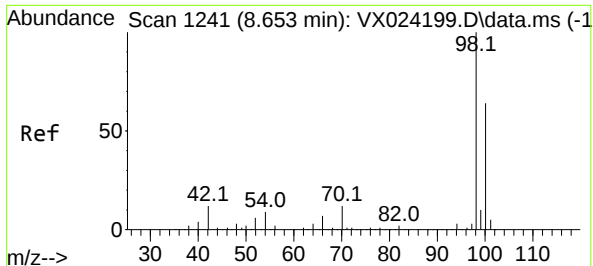
Tgt Ion: 78 Resp: 1305
Ion Ratio Lower Upper
78 100
77 18.4 18.9 28.3#



#44
Trichloroethene
Concen: 0.217 ug/l
RT: 7.135 min Scan# 992
Delta R.T. -0.000 min
Lab File: VX024216.D
Acq: 14 Sep 2021 18:39

Tgt Ion:130 Resp: 376
Ion Ratio Lower Upper
130 100
95 71.7 0.0 198.0

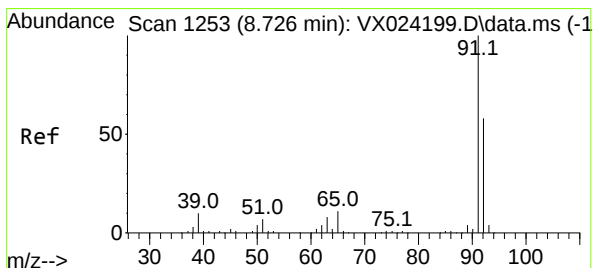
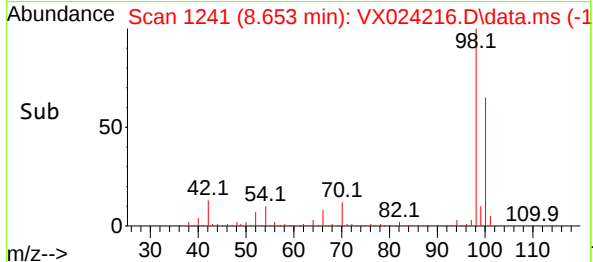
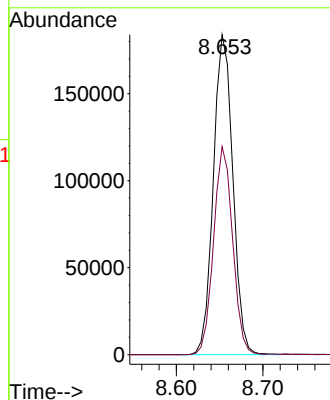
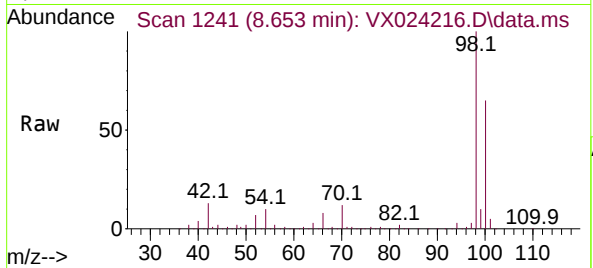




#50
Toluene-d8
Concen: 50.299 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024216.D
Acq: 14 Sep 2021 18:39

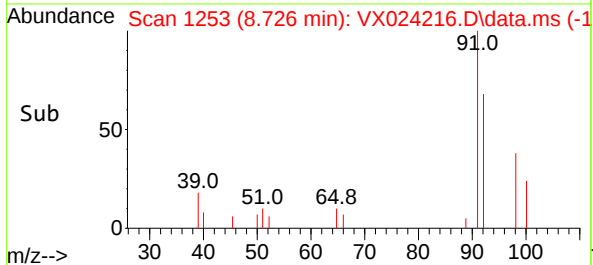
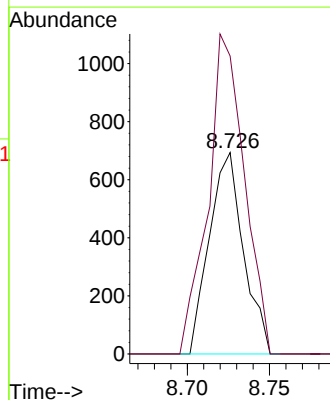
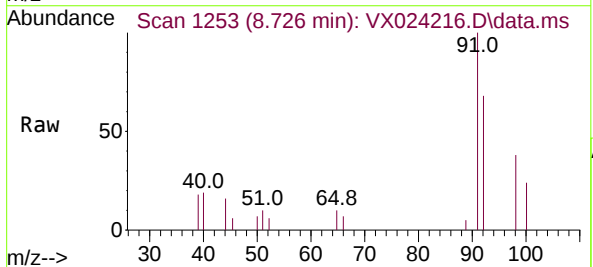
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW7-GW-800-802

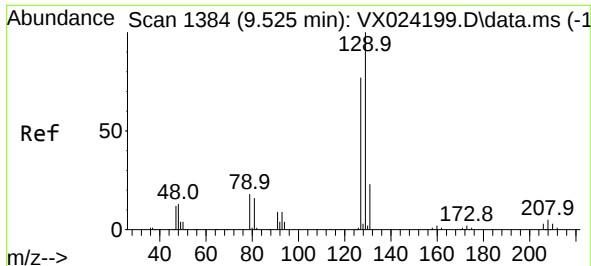
Tgt Ion: 98 Resp: 287593
Ion Ratio Lower Upper
98 100
100 63.8 51.9 77.9



#52
Toluene
Concen: 0.247 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. -0.000 min
Lab File: VX024216.D
Acq: 14 Sep 2021 18:39

Tgt Ion: 92 Resp: 1001
Ion Ratio Lower Upper
92 100
91 169.2 137.1 205.7

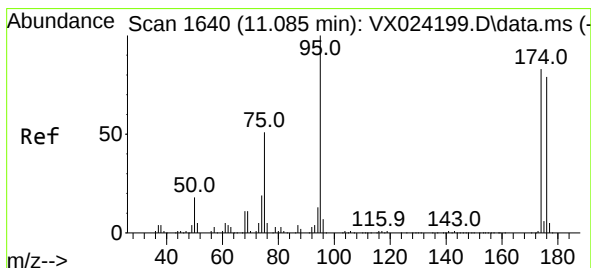
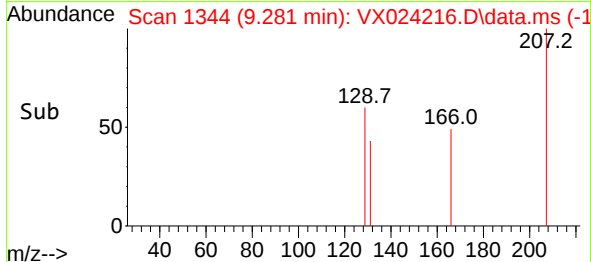
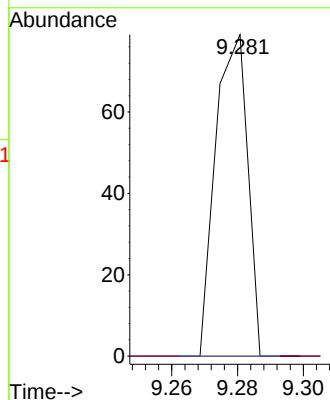
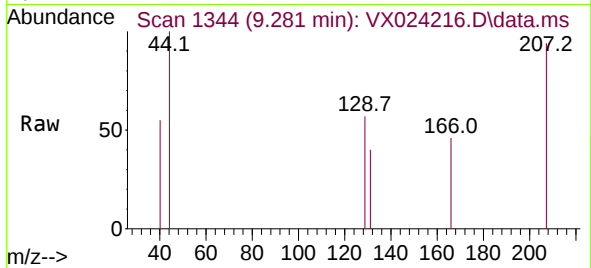




#60
Dibromochloromethane
Concen: 1.752 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. -0.244 min
Lab File: VX024216.D
Acq: 14 Sep 2021 18:39

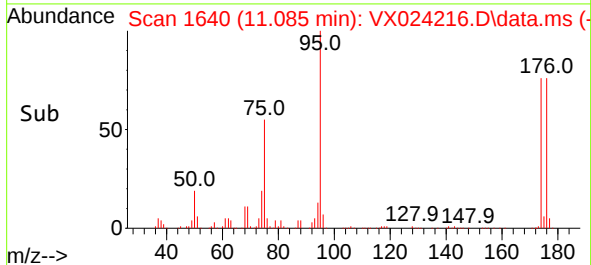
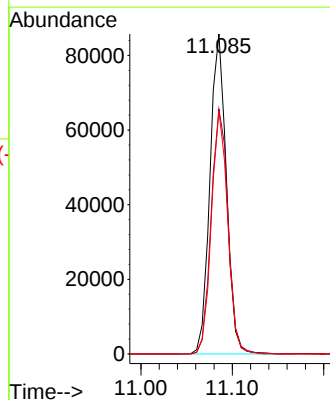
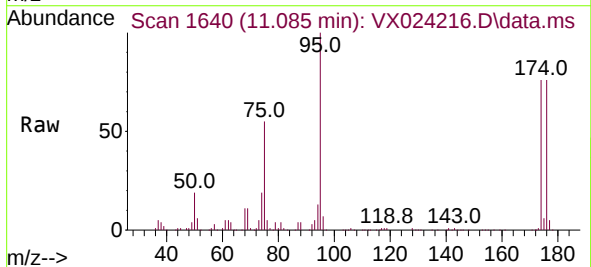
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW7-GW-800-802

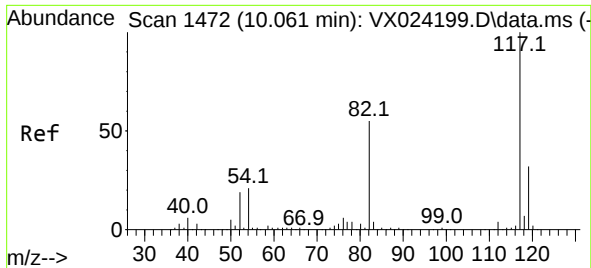
Tgt Ion:129 Resp: 53
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#



#62
4-Bromofluorobenzene
Concen: 47.782 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024216.D
Acq: 14 Sep 2021 18:39

Tgt Ion: 95 Resp: 106322
Ion Ratio Lower Upper
95 100
174 79.5 0.0 154.6
176 75.6 0.0 155.8

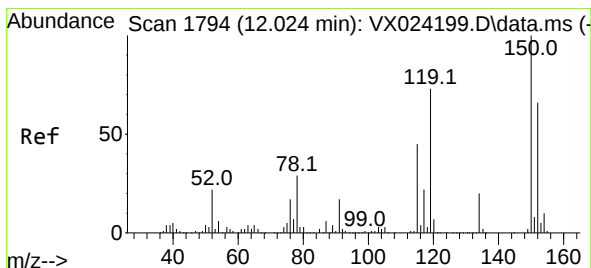
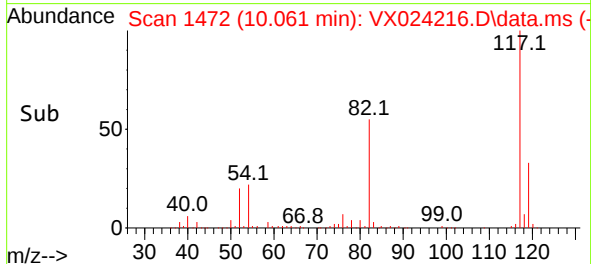
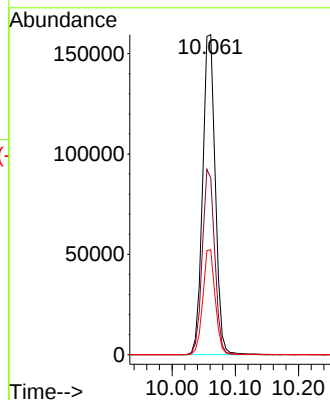
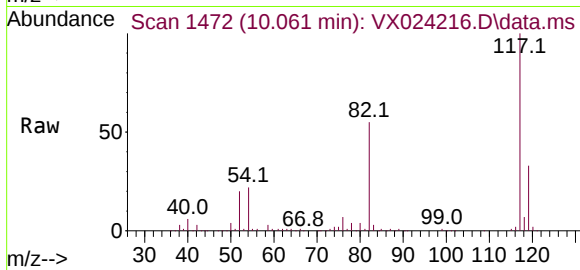




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX024216.D
Acq: 14 Sep 2021 18:39

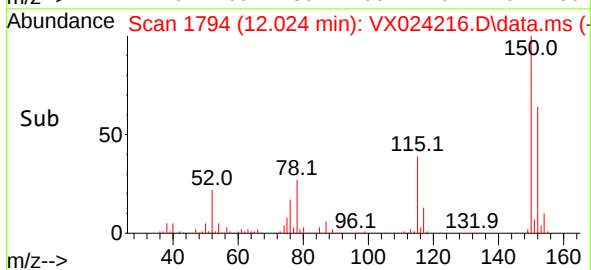
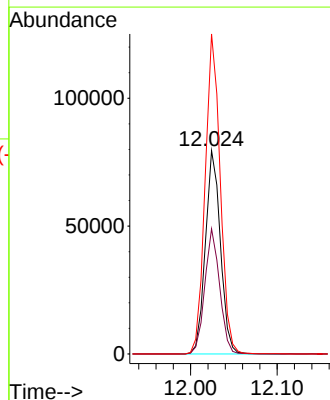
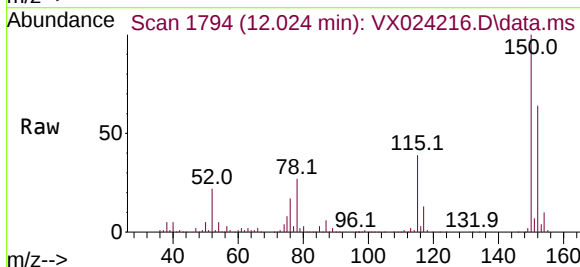
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW7-GW-800-802

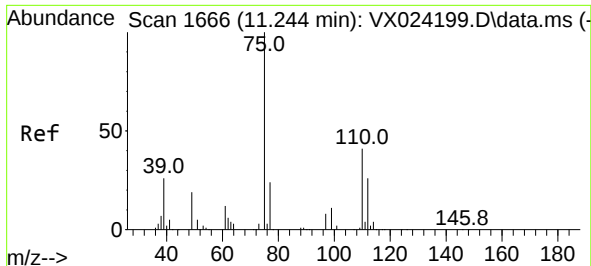
Tgt Ion:117 Resp: 222163
Ion Ratio Lower Upper
117 100
82 55.2 47.4 71.2
119 32.8 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024216.D
Acq: 14 Sep 2021 18:39

Tgt Ion:152 Resp: 95911
Ion Ratio Lower Upper
152 100
115 60.6 41.1 123.3
150 157.6 0.0 349.0

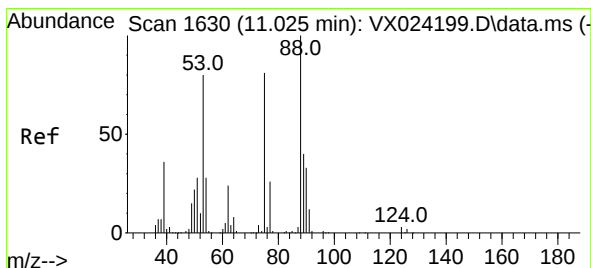
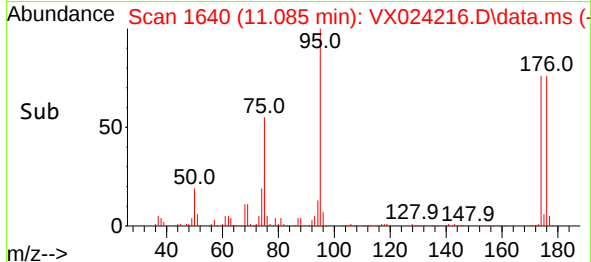
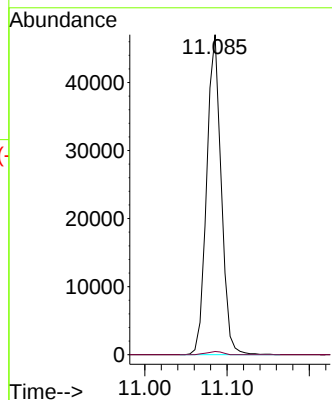
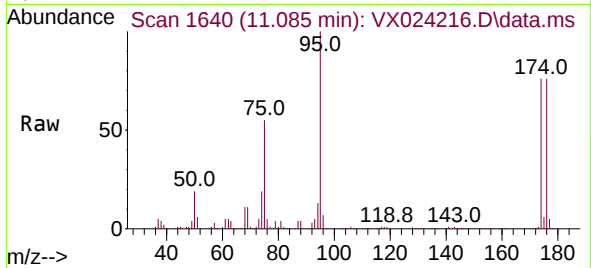




#76
1,2,3-Trichloropropane
Concen: 26.091 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024216.D
Acq: 14 Sep 2021 18:39

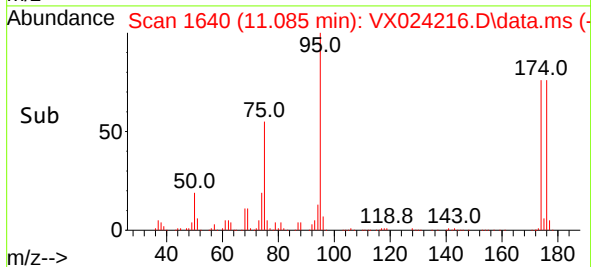
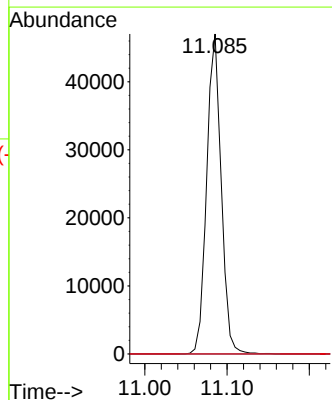
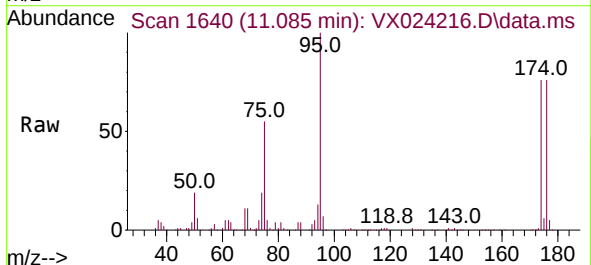
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW7-GW-800-802

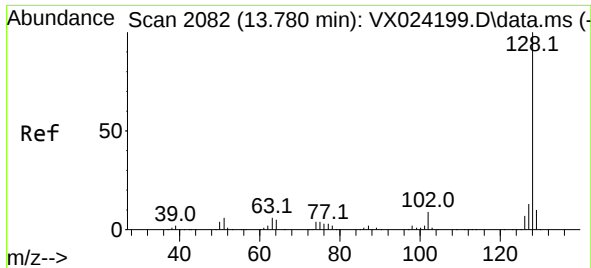
Tgt Ion: 75 Resp: 57541
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 76.734 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX024216.D
Acq: 14 Sep 2021 18:39

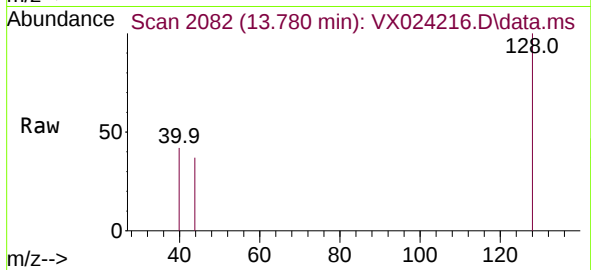
Tgt Ion: 75 Resp: 57541
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#





#95
 Naphthalene
 Concen: 1.330 ug/l
 RT: 13.780 min Scan# 2082
 Delta R.T. -0.000 min
 Lab File: VX024216.D
 Acq: 14 Sep 2021 18:39

Instrument :
 MSVOA_X
ClientSampleId :
 BP-TT-VPB-RW7-GW-800-802



Tgt Ion:128 Resp: 303
 Ion Ratio Lower Upper
 128 100
 127 0.0 10.3 15.5#
 129 0.0 8.8 13.2#

