

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100924\
 Data File : VX043343.D
 Acq On : 09 Oct 2024 16:40
 Operator : JC/MD
 Sample : P4365-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BPOW6-11-HYD-20241008

Quant Time: Oct 10 01:34:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100124W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 02 16:50:57 2024
 Response via : Initial Calibration

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

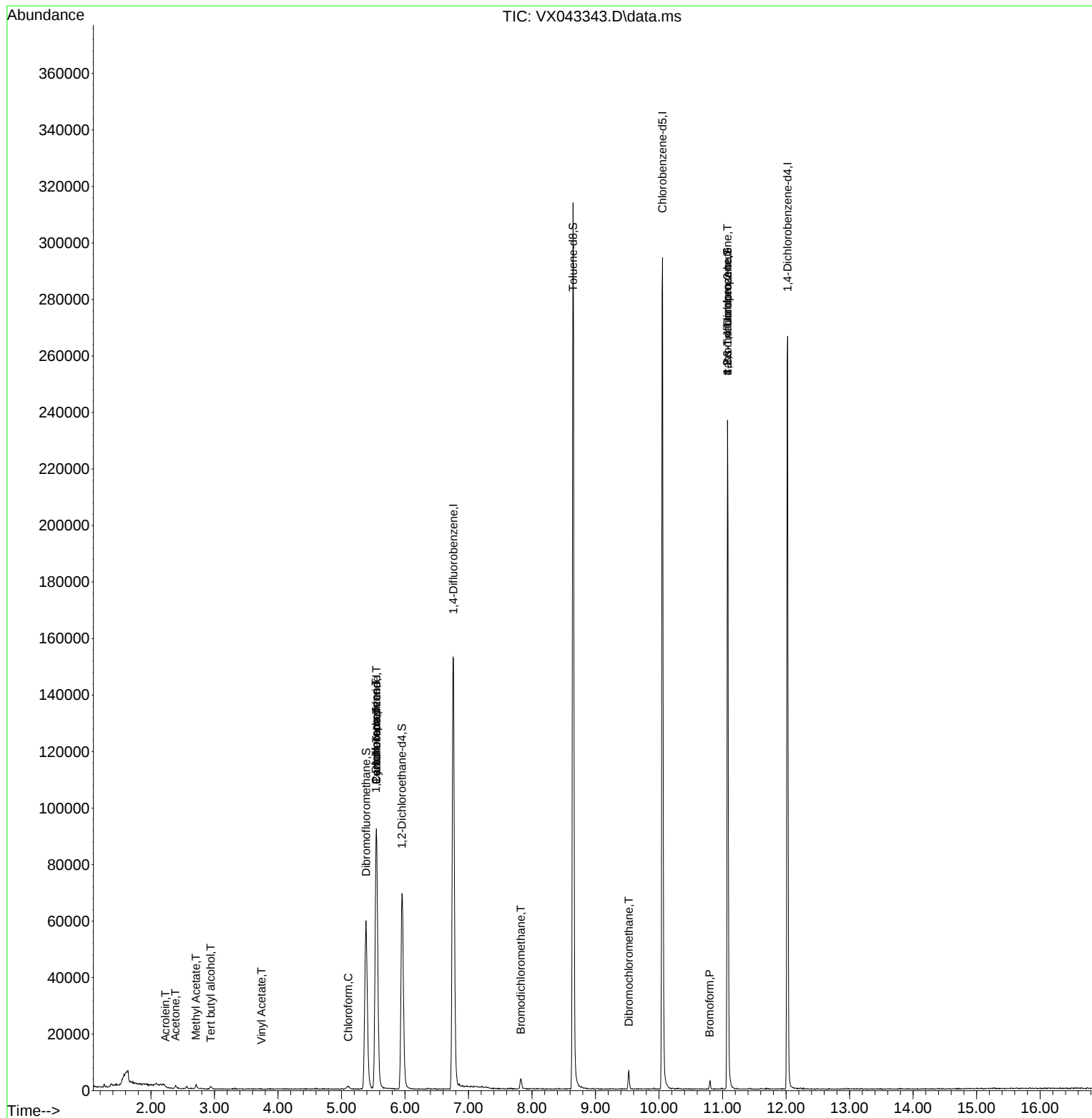
Internal Standards						
1) Pentafluorobenzene	5.550	168	83434	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	156513	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	133681	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	55217	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	72840	53.456	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.920%			
35) Dibromofluoromethane	5.385	113	52265	48.422	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.840%			
50) Toluene-d8	8.647	98	186223	49.785	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.580%			
62) 4-Bromofluorobenzene	11.079	95	64380	47.376	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 94.760%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.941	59	276	1.064	ug/l #	71
13) Acrolein	2.227	56	53	0.216	ug/l #	64
16) Acetone	2.386	43	1417	2.490	ug/l #	88
18) Methyl Acetate	2.709	43	1819	1.274	ug/l	95
23) Vinyl Acetate	3.739	43	19	6.344	ug/l #	71
30) Chloroform	5.105	83	1487	0.759	ug/l	92
31) Cyclohexane	5.550	56	2029	1.380	ug/l #	19
36) 1,1-Dichloropropene	5.544	75	7518	5.513	ug/l #	50
38) Carbon Tetrachloride	5.550	117	9378	5.810	ug/l #	16
47) Bromodichloromethane	7.824	83	2597	1.625	ug/l #	97
60) Dibromochloromethane	9.525	129	2869	2.402	ug/l	94
71) Bromoform	10.799	173	1076	1.382	ug/l #	94
76) 1,2,3-Trichloropropane	11.079	75	35313	28.832	ug/l #	33
81) trans-1,4-Dichloro-2-b...	11.079	75	35313	74.723	ug/l #	8

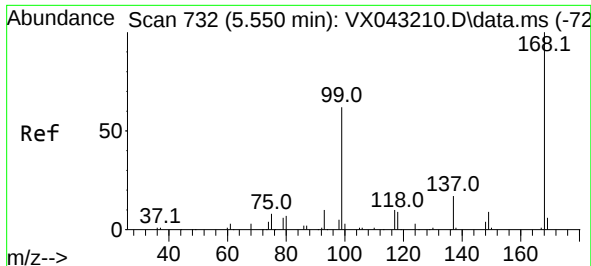
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

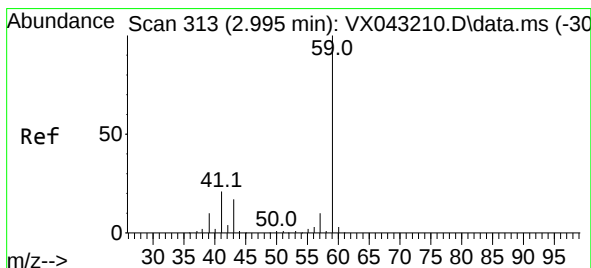
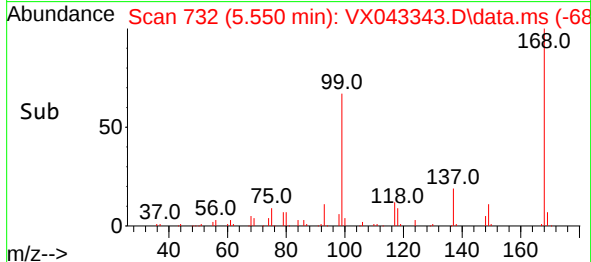
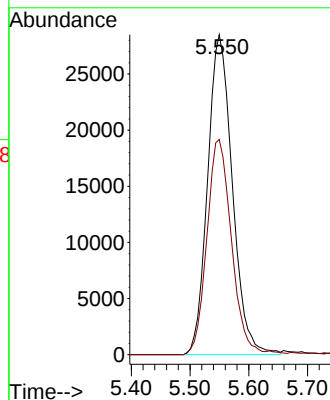
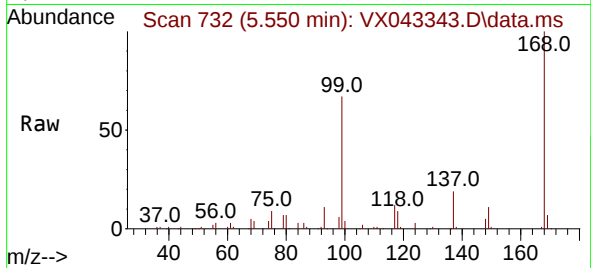




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX043343.D
Acq: 09 Oct 2024 16:40

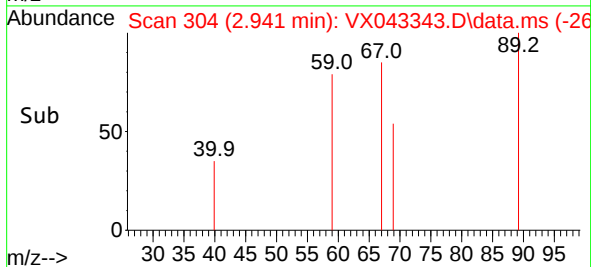
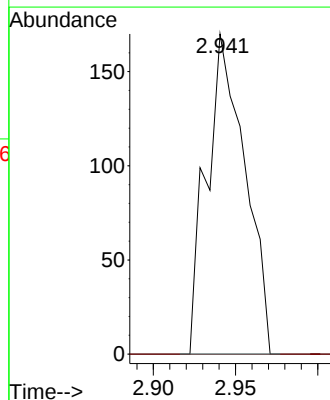
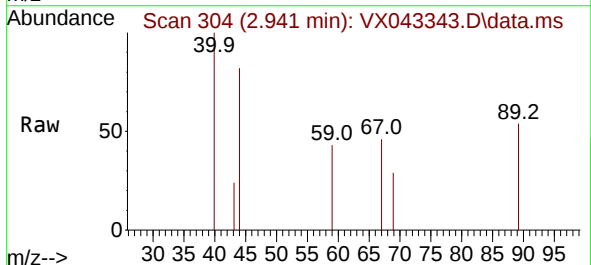
Instrument :
MSVOA_X
ClientSampleId :
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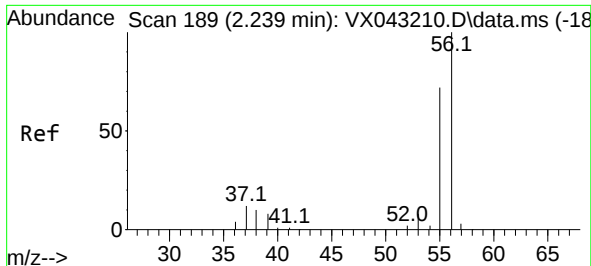
Tgt Ion:168 Resp: 83434
Ion Ratio Lower Upper
168 100
99 67.2 49.7 74.5



#11
Tert butyl alcohol
Concen: 1.064 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.055 min
Lab File: VX043343.D
Acq: 09 Oct 2024 16:40

Tgt Ion: 59 Resp: 276
Ion Ratio Lower Upper
59 100
57 0.0 8.6 13.0#

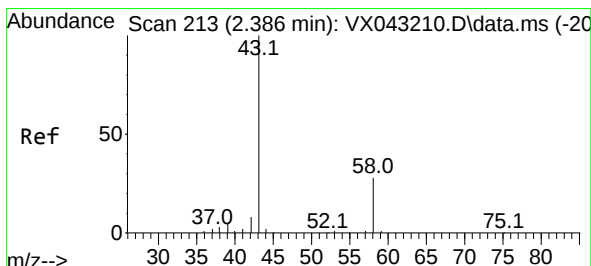
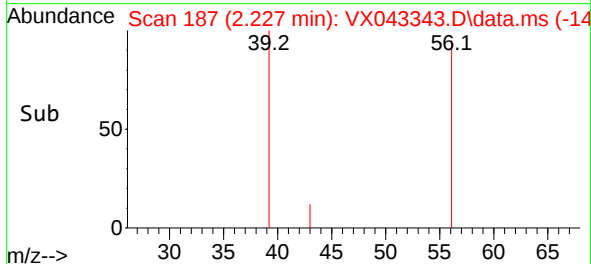
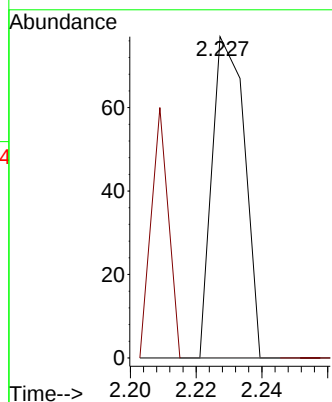
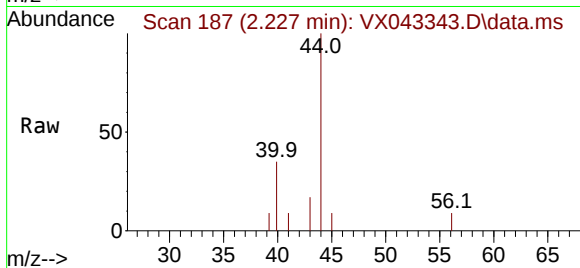




#13
Acrolein
Concen: 0.216 ug/l
RT: 2.227 min Scan# 11
Delta R.T. -0.012 min
Lab File: VX043343.D
Acq: 09 Oct 2024 16:40

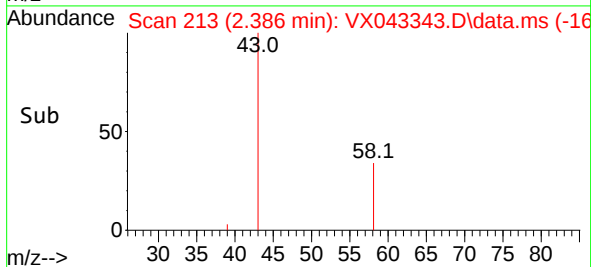
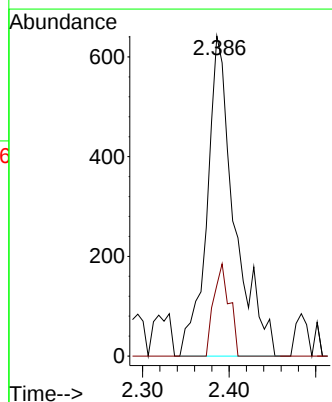
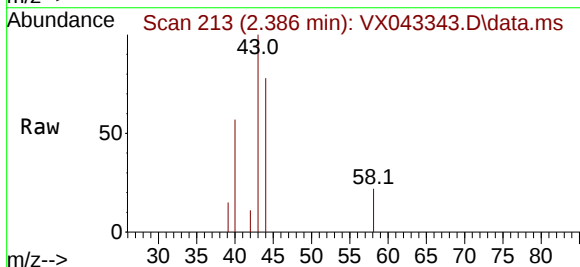
Instrument :
MSVOA_X
ClientSampleId :
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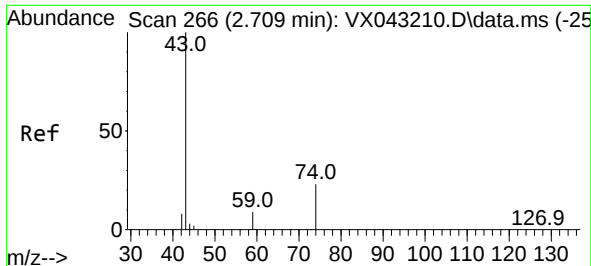
Tgt Ion: 56 Resp: 53
Ion Ratio Lower Upper
56 100
55 41.5 57.4 86.0#



#16
Acetone
Concen: 2.490 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX043343.D
Acq: 09 Oct 2024 16:40

Tgt Ion: 43 Resp: 1417
Ion Ratio Lower Upper
43 100
58 22.1 22.6 33.8#

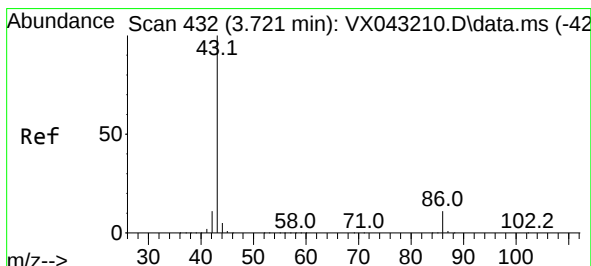
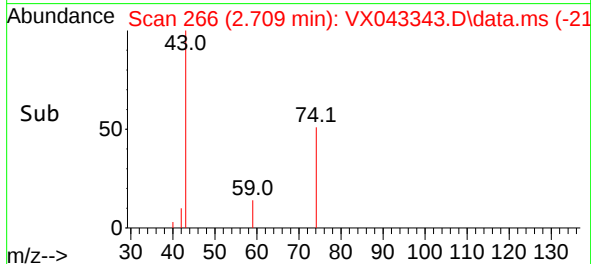
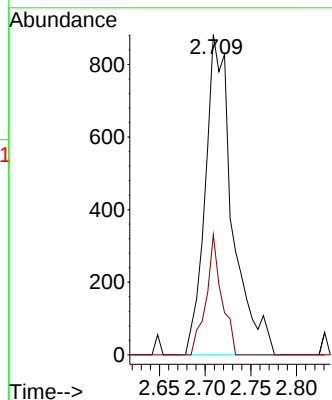
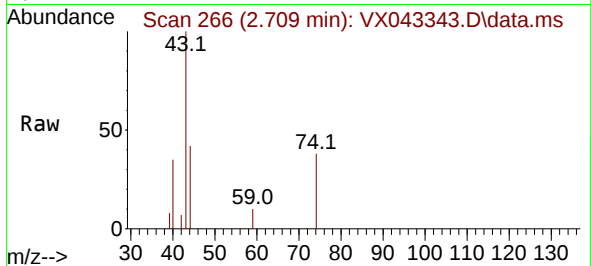




#18
Methyl Acetate
Concen: 1.274 ug/l
RT: 2.709 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX043343.D
Acq: 09 Oct 2024 16:40

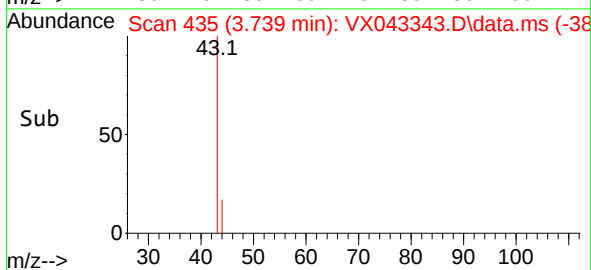
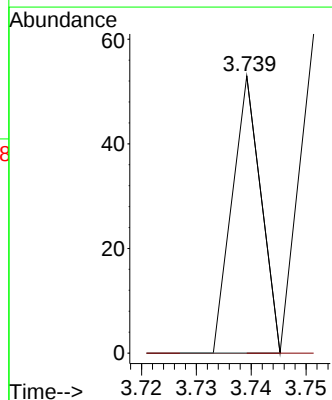
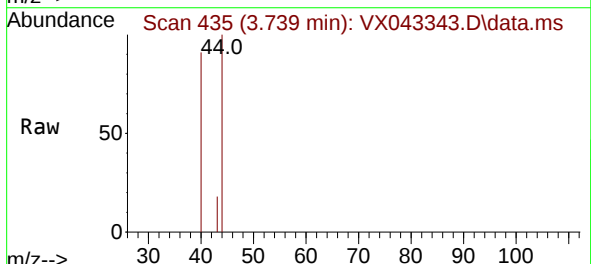
Instrument :
MSVOA_X
ClientSampleId :
BPOW6-11-HYD-20241008

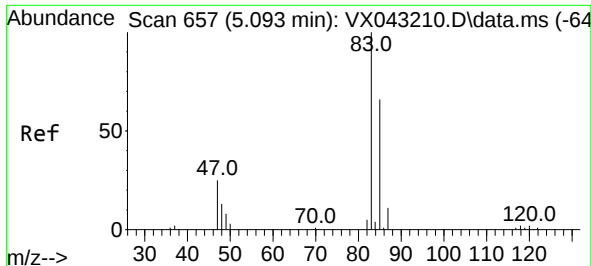
Tgt Ion: 43 Resp: 1819
Ion Ratio Lower Upper
43 100
74 21.6 19.1 28.7



#23
Vinyl Acetate
Concen: 6.344 ug/l
RT: 3.739 min Scan# 435
Delta R.T. 0.018 min
Lab File: VX043343.D
Acq: 09 Oct 2024 16:40

Tgt Ion: 43 Resp: 19
Ion Ratio Lower Upper
43 100
86 0.0 8.8 13.2#

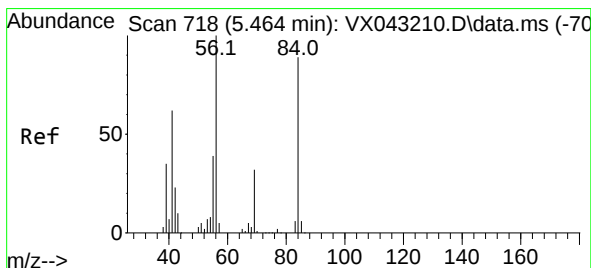
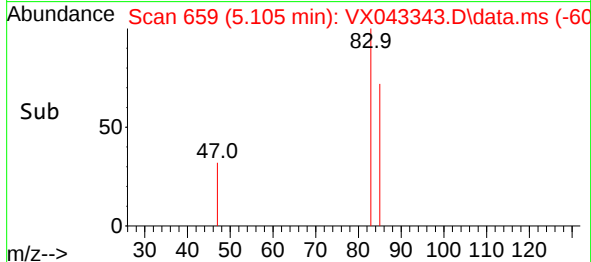
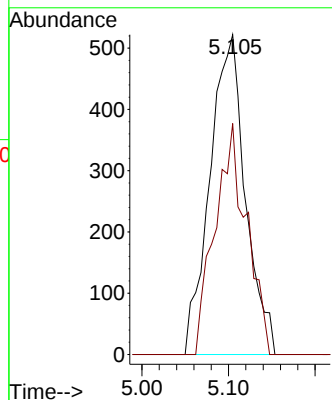
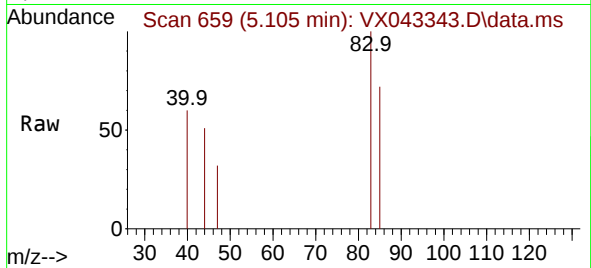




#30
Chloroform
Concen: 0.759 ug/l
RT: 5.105 min Scan# 61
Delta R.T. 0.012 min
Lab File: VX043343.D
Acq: 09 Oct 2024 16:40

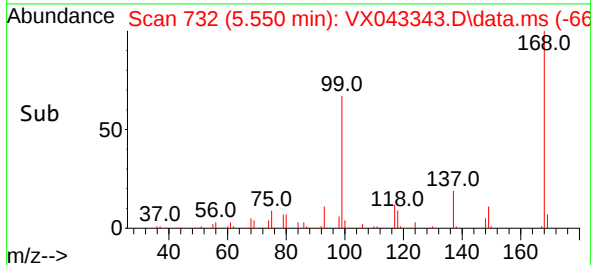
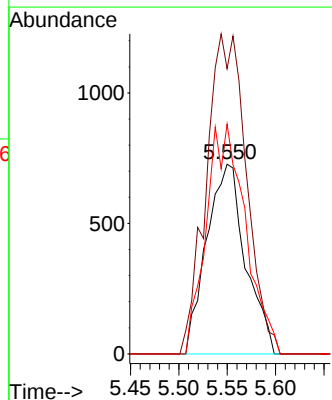
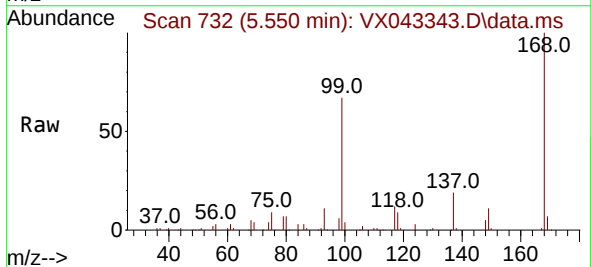
Instrument :
MSVOA_X
ClientSampleId :
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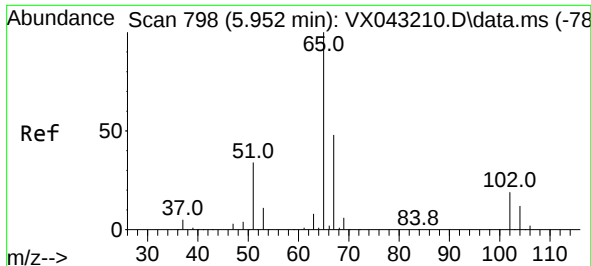
Tgt Ion: 83 Resp: 1487
Ion Ratio Lower Upper
83 100
85 72.2 52.5 78.7



#31
Cyclohexane
Concen: 1.380 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.085 min
Lab File: VX043343.D
Acq: 09 Oct 2024 16:40

Tgt Ion: 56 Resp: 2029
Ion Ratio Lower Upper
56 100
69 150.3 25.8 38.6#
84 121.0 71.1 106.7#





#33

1,2-Dichloroethane-d4

Concen: 53.456 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX043343.D

Acq: 09 Oct 2024 16:40

Instrument :

MSVOA_X

ClientSampleId :

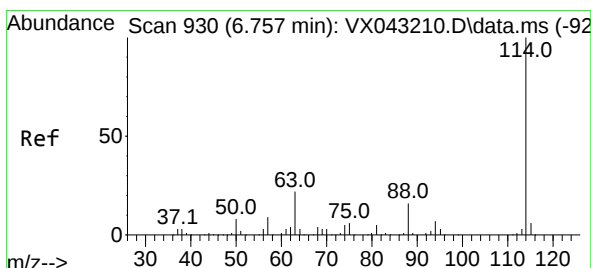
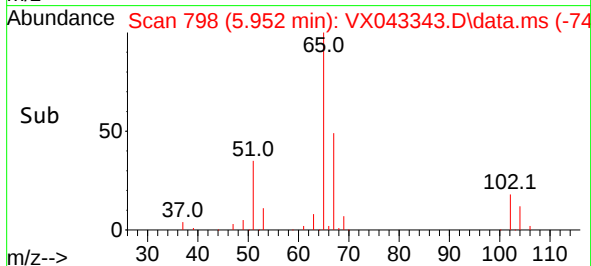
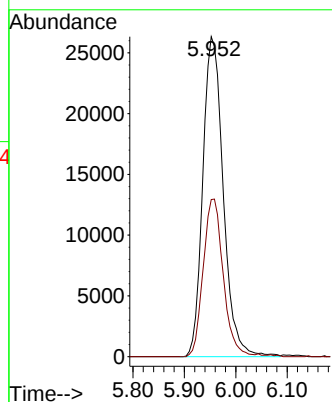
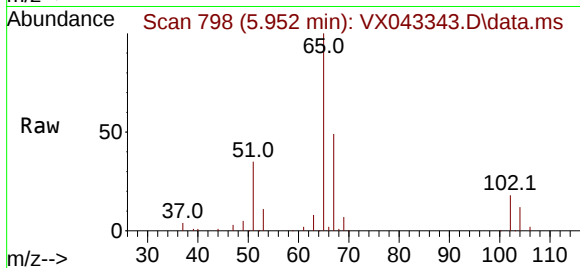
BPOW6-11-HYD-20241008

Tgt Ion: 65 Resp: 72840

Ion Ratio Lower Upper

65 100

67 48.6 0.0 99.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX043343.D

Acq: 09 Oct 2024 16:40

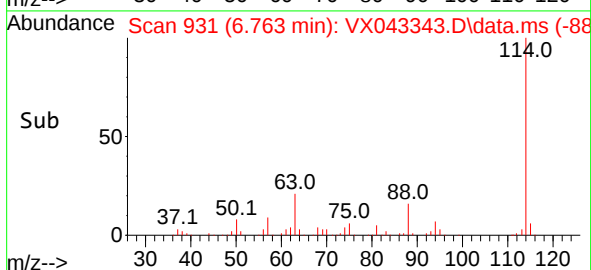
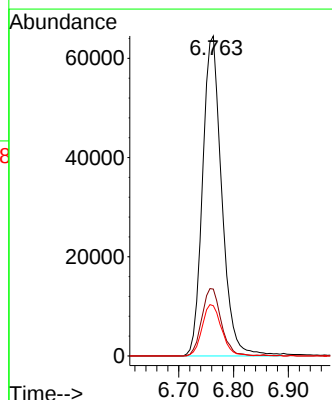
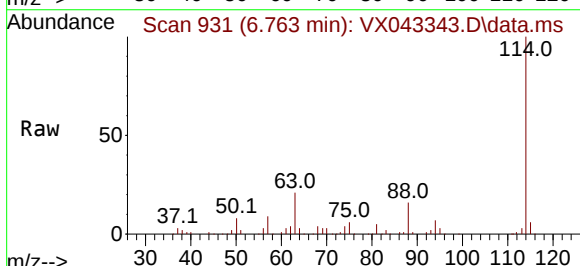
Tgt Ion: 114 Resp: 156513

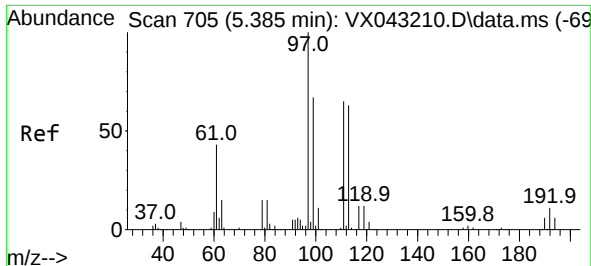
Ion Ratio Lower Upper

114 100

63 20.9 0.0 43.0

88 15.7 0.0 33.0

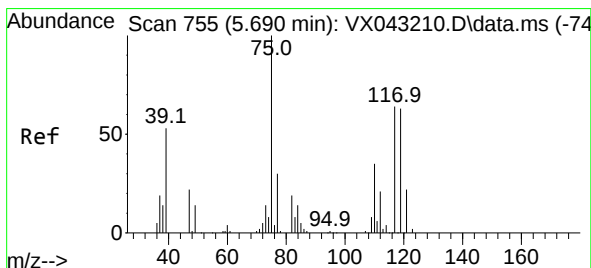
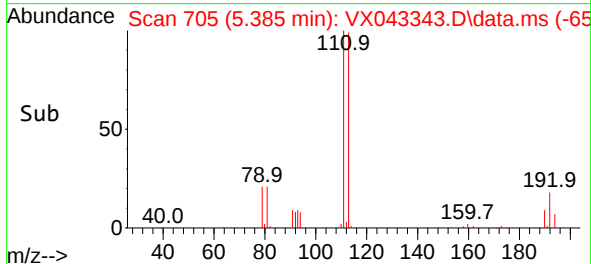
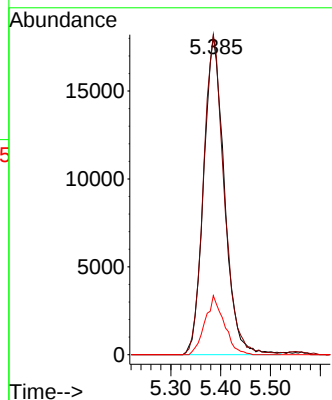
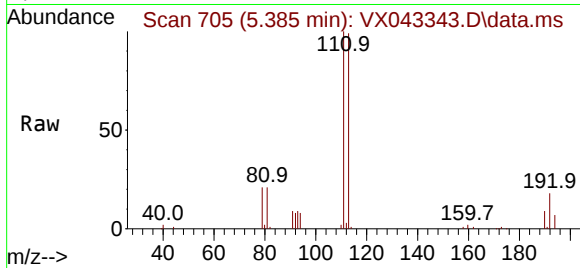




#35
Dibromofluoromethane
Concen: 48.422 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX043343.D
Acq: 09 Oct 2024 16:40

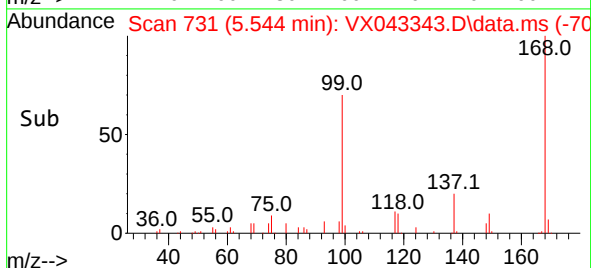
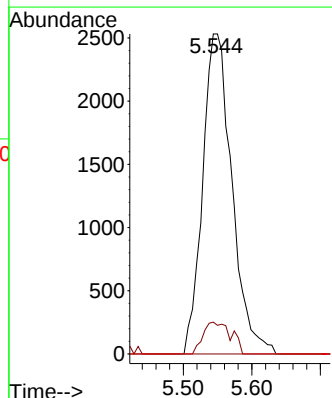
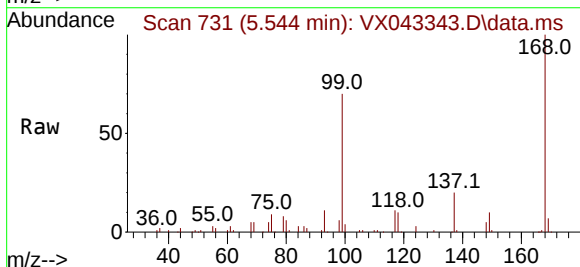
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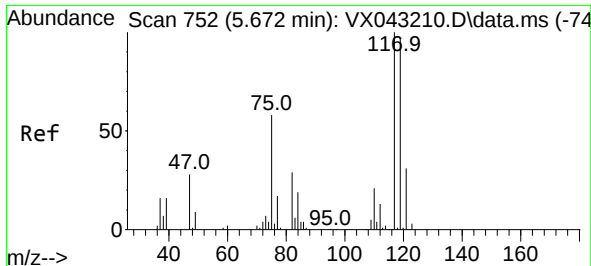
Tgt Ion:113 Resp: 52265
Ion Ratio Lower Upper
113 100
111 100.3 83.4 125.0
192 17.1 14.1 21.1



#36
1,1-Dichloropropene
Concen: 5.513 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.146 min
Lab File: VX043343.D
Acq: 09 Oct 2024 16:40

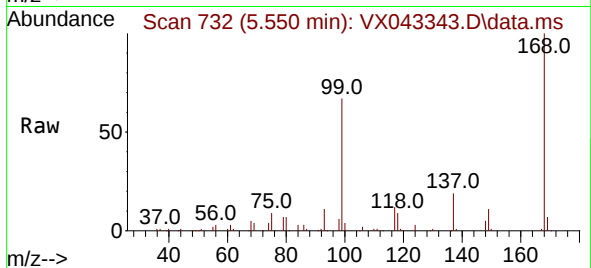
Tgt Ion: 75 Resp: 7518
Ion Ratio Lower Upper
75 100
110 9.5 17.8 53.3#
77 0.0 24.9 37.3#



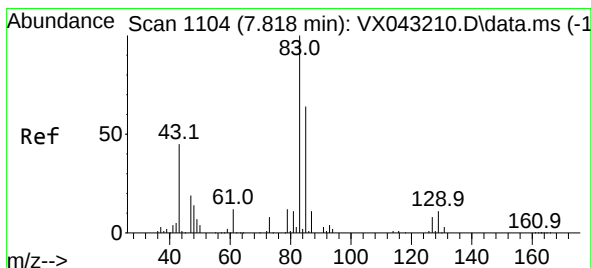
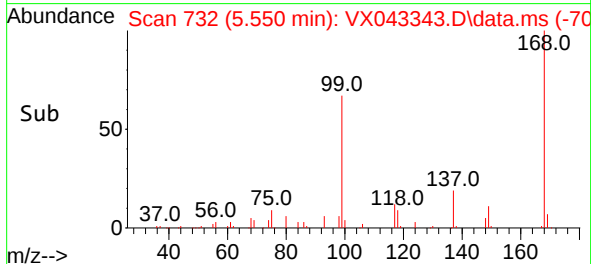
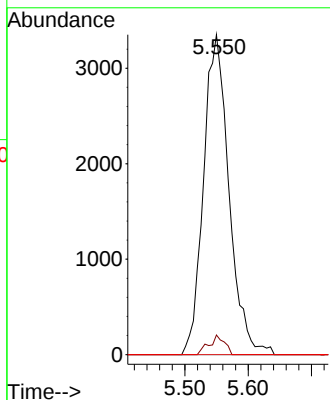


#38
Carbon Tetrachloride
Concen: 5.810 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX043343.D
Acq: 09 Oct 2024 16:40

Instrument :
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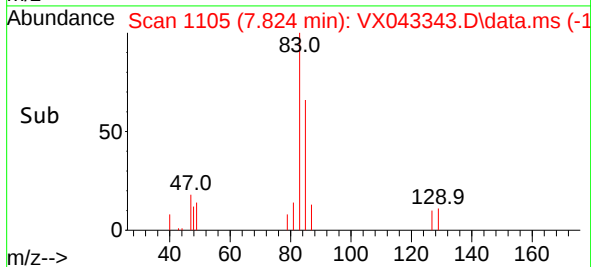
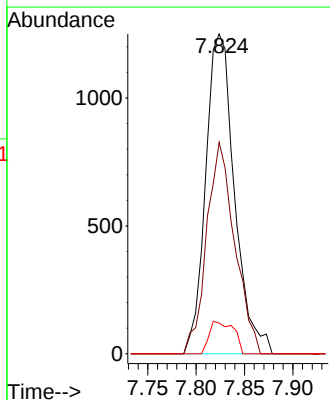
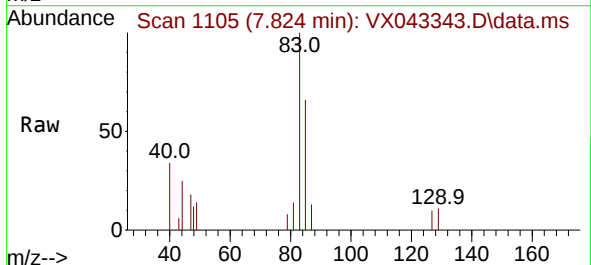


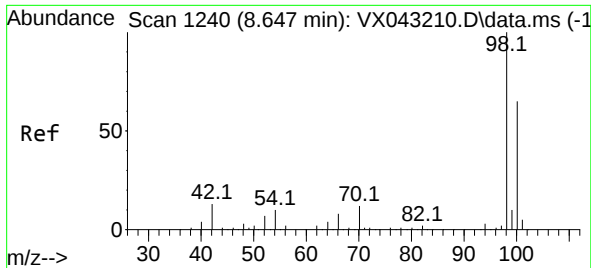
Tgt Ion:117 Resp: 9378
Ion Ratio Lower Upper
117 100
119 6.1 77.7 116.5#
121 0.0 24.3 36.5#



#47
Bromodichloromethane
Concen: 1.625 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX043343.D
Acq: 09 Oct 2024 16:40

Tgt Ion: 83 Resp: 2597
Ion Ratio Lower Upper
83 100
85 66.1 51.4 77.2
127 9.6 6.2 9.4#

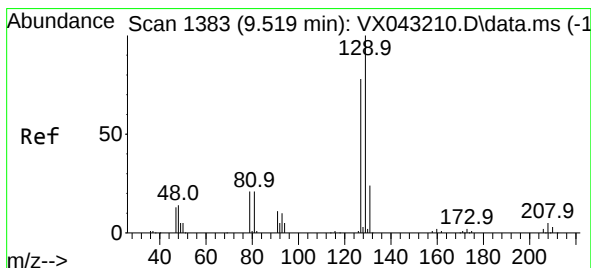
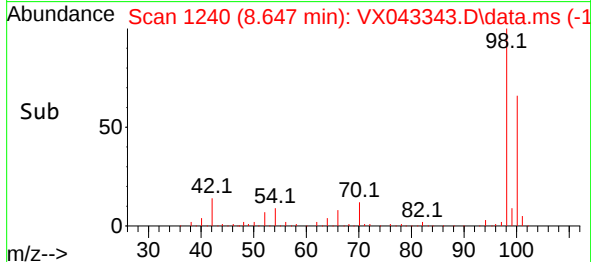
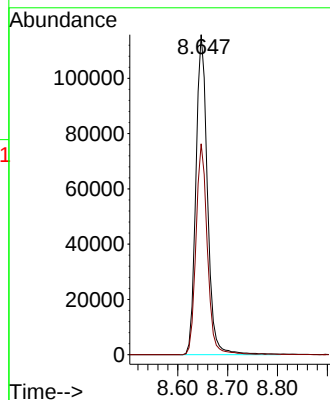
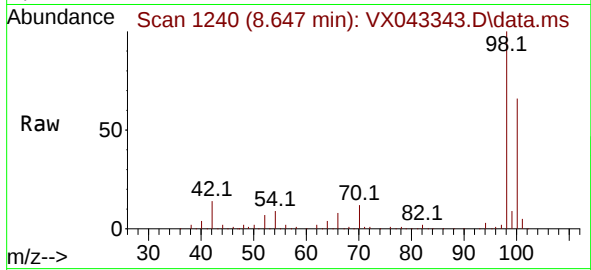




#50
Toluene-d8
Concen: 49.785 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX043343.D
Acq: 09 Oct 2024 16:40

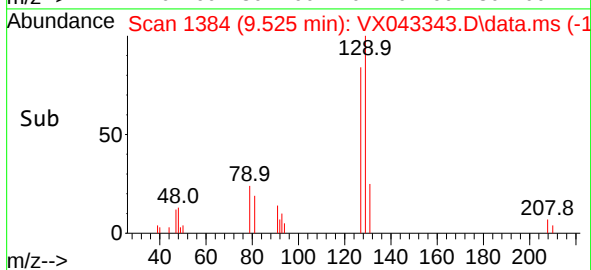
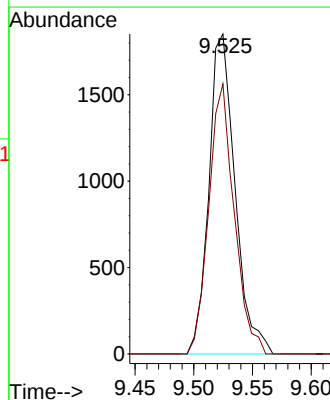
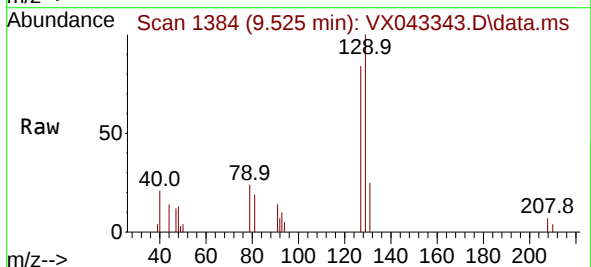
Instrument :
MSVOA_X
ClientSampleId :
BPOW6-11-HYD-20241008

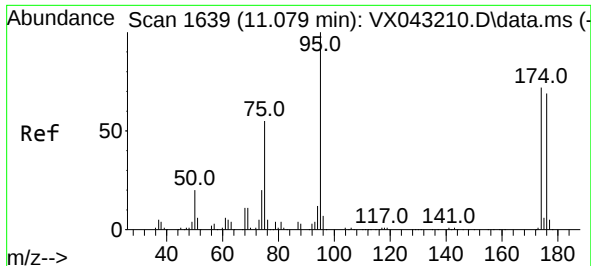
Tgt Ion: 98 Resp: 186223
Ion Ratio Lower Upper
98 100
100 64.9 52.4 78.6



#60
Dibromochloromethane
Concen: 2.402 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.006 min
Lab File: VX043343.D
Acq: 09 Oct 2024 16:40

Tgt Ion: 129 Resp: 2869
Ion Ratio Lower Upper
129 100
127 81.9 38.3 114.9

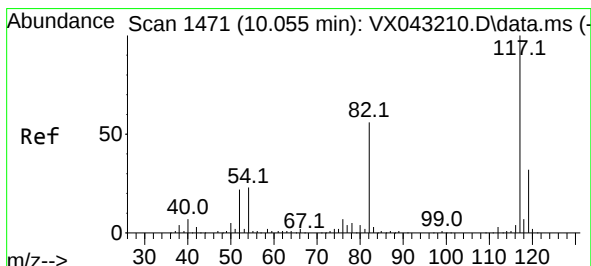
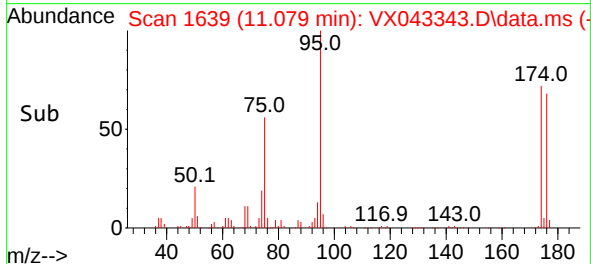
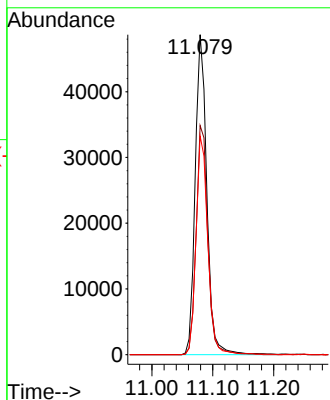
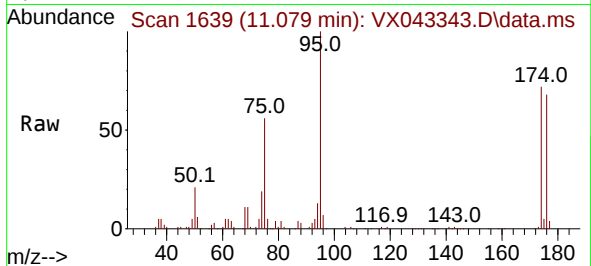




#62
4-Bromofluorobenzene
Concen: 47.376 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX043343.D
Acq: 09 Oct 2024 16:40

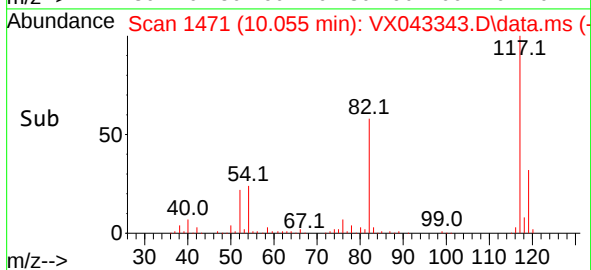
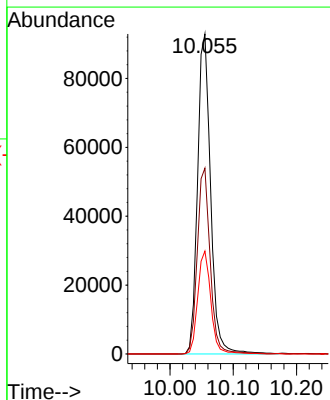
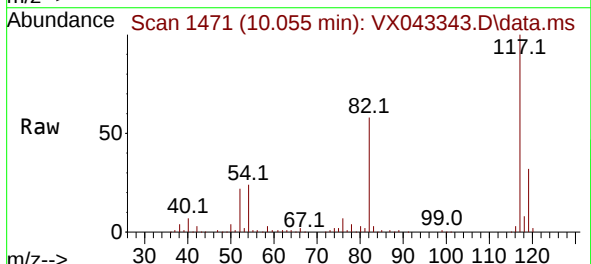
Instrument :
MSVOA_X
ClientSampleId :
BPOW6-11-HYD-20241008

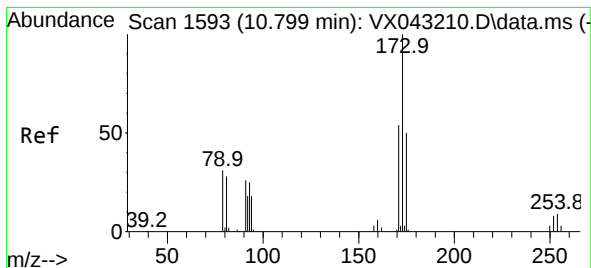
Tgt Ion: 95 Resp: 64380
Ion Ratio Lower Upper
95 100
174 72.0 0.0 145.0
176 69.1 0.0 143.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX043343.D
Acq: 09 Oct 2024 16:40

Tgt Ion: 117 Resp: 133681
Ion Ratio Lower Upper
117 100
82 58.1 45.0 67.6
119 32.2 25.3 37.9





#71

Bromoform

Concen: 1.382 ug/l

RT: 10.799 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX043343.D

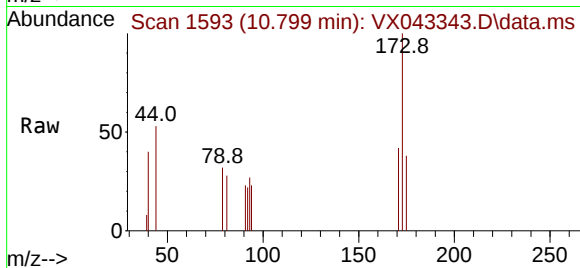
Acq: 09 Oct 2024 16:40

Instrument :

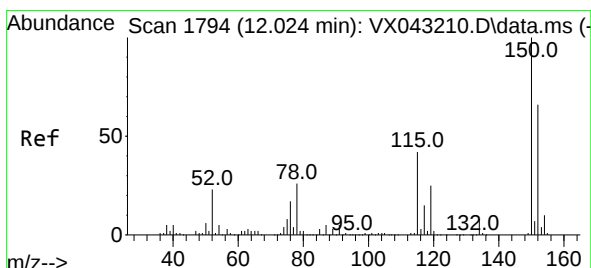
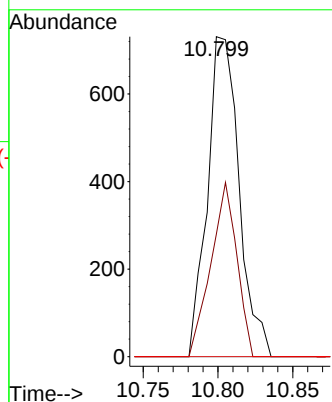
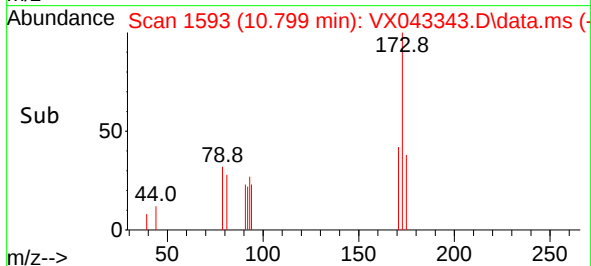
MSVOA_X

ClientSampleId :

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Tgt Ion:	173	Resp:	1076
Ion	Ratio	Lower	Upper
173	100		
175	44.6	24.3	72.9
254	0.0	0.0	0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

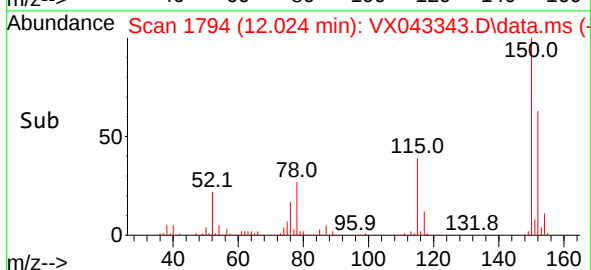
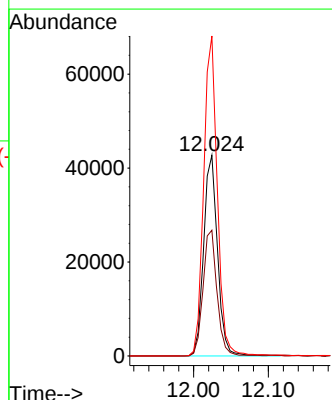
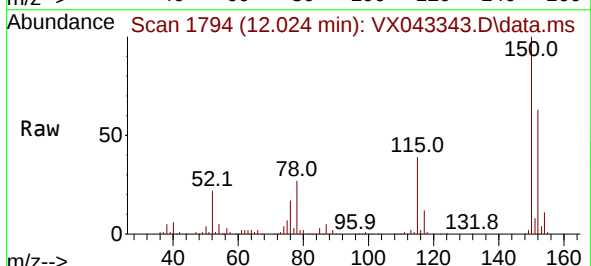
RT: 12.024 min Scan# 1794

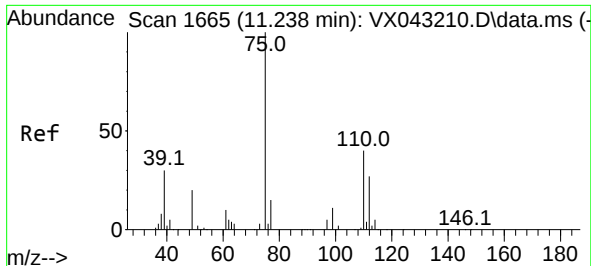
Delta R.T. 0.000 min

Lab File: VX043343.D

Acq: 09 Oct 2024 16:40

Tgt Ion:	152	Resp:	55217
Ion	Ratio	Lower	Upper
152	100		
115	63.0	44.1	132.3
150	156.1	0.0	347.4

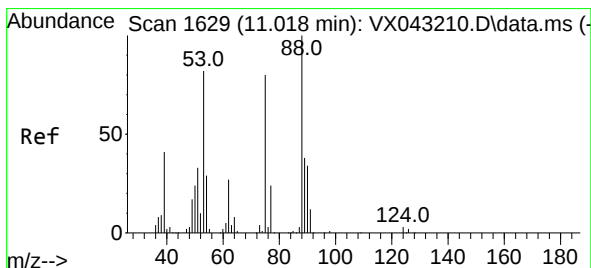
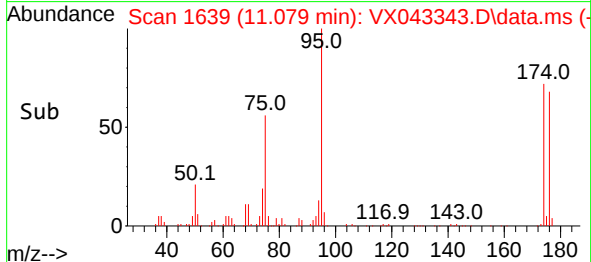
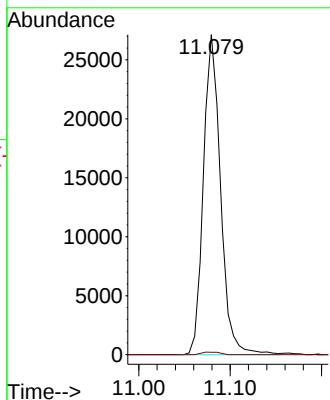
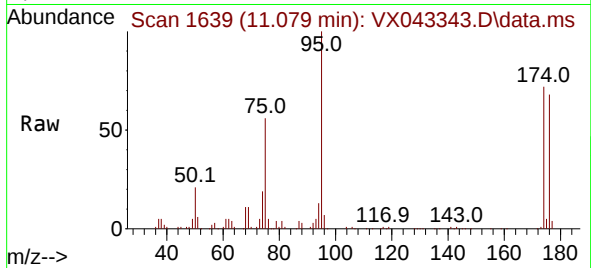




#76
1,2,3-Trichloropropane
Concen: 28.832 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX043343.D
Acq: 09 Oct 2024 16:40

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-11-HYD-20241008

Tgt Ion: 75 Resp: 35313
Ion Ratio Lower Upper
75 100
77 0.9 22.0 66.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 74.723 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX043343.D
Acq: 09 Oct 2024 16:40

Tgt Ion: 75 Resp: 35313
Ion Ratio Lower Upper
75 100
53 0.0 83.9 125.9#
89 0.0 38.6 58.0#

