

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100924\
 Data File : VX043344.D
 Acq On : 09 Oct 2024 17:04
 Operator : JC/MD
 Sample : P4365-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

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

Quant Time: Oct 10 01:34:47 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)

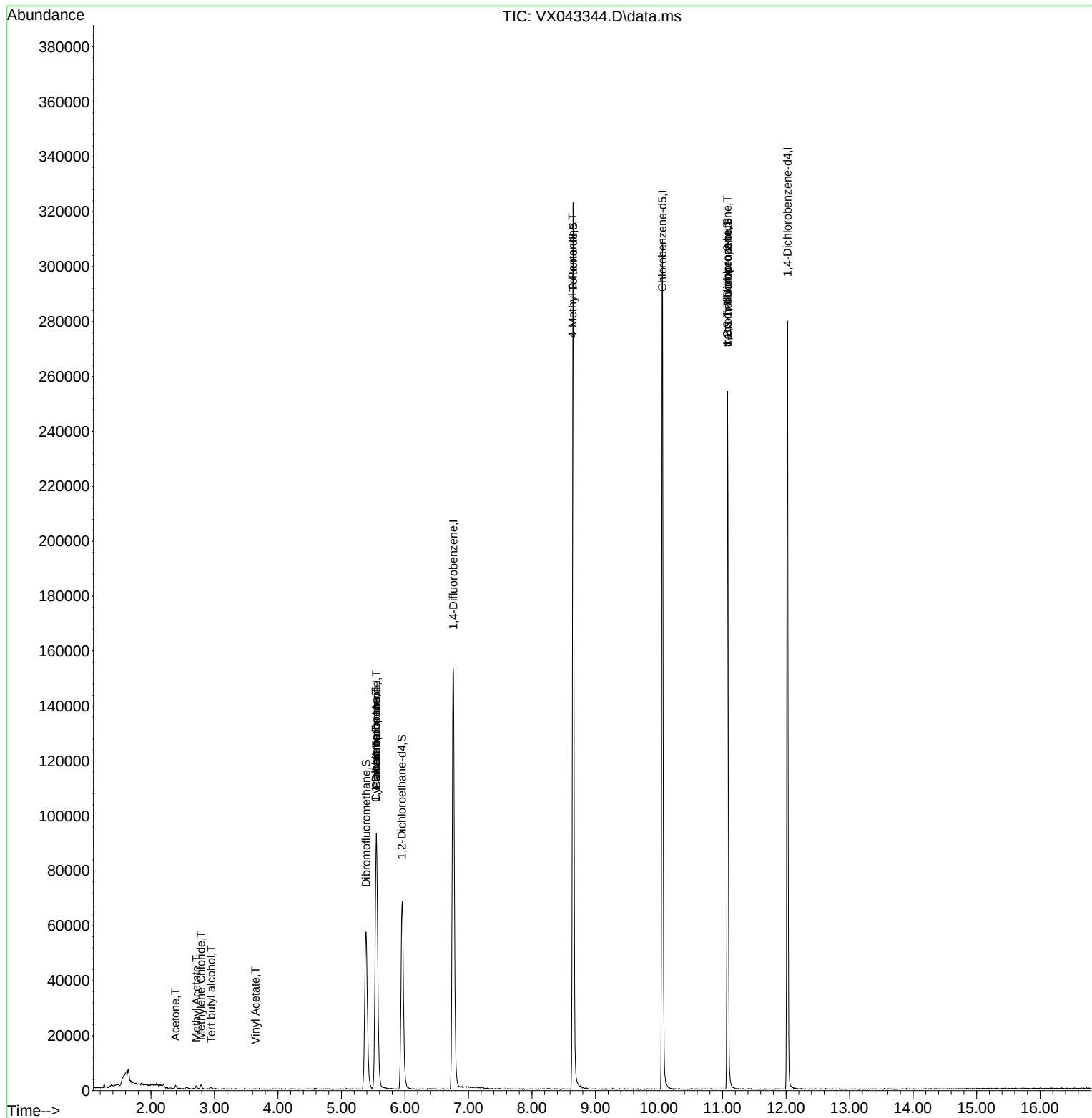
Internal Standards						
1) Pentafluorobenzene	5.549	168	83225	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	158967	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	139706	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	57962	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	70470	51.847	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	103.700%
35) Dibromofluoromethane	5.385	113	50800	46.338	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.680%
50) Toluene-d8	8.646	98	189579	49.900	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.800%
62) 4-Bromofluorobenzene	11.079	95	67548	48.940	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	97.880%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.946	59	250	0.967	ug/l #	71
16) Acetone	2.385	43	1409	2.482	ug/l #	61
18) Methyl Acetate	2.715	43	1337	0.939	ug/l #	90
20) Methylene Chloride	2.788	84	753	0.720	ug/l #	58
23) Vinyl Acetate	3.647	43	24	6.346	ug/l #	71
31) Cyclohexane	5.543	56	2125	1.449	ug/l #	30
36) 1,1-Dichloropropene	5.543	75	7310	5.278	ug/l #	50
38) Carbon Tetrachloride	5.549	117	9311	5.679	ug/l #	15
51) 4-Methyl-2-Pentanone	8.640	43	1127	0.675	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	37296	29.009	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	37296	75.182	ug/l #	8

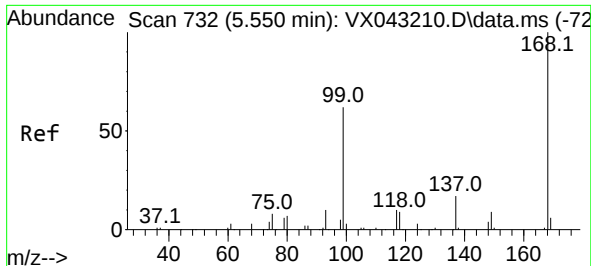
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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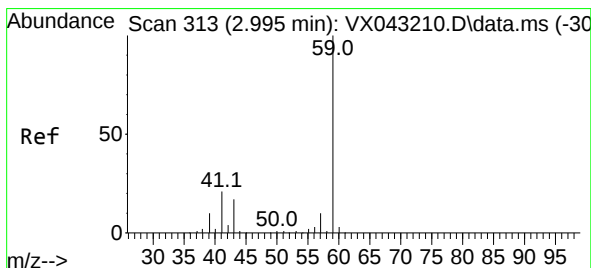
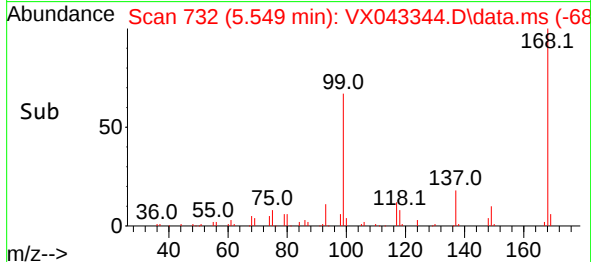
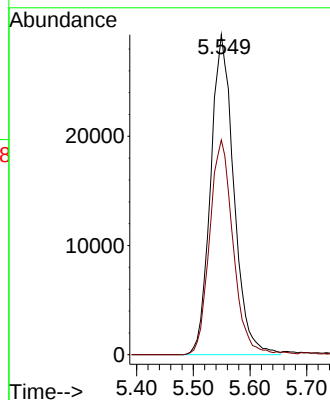
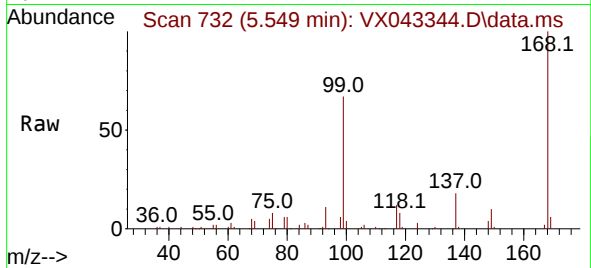




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX043344.D
Acq: 09 Oct 2024 17:04

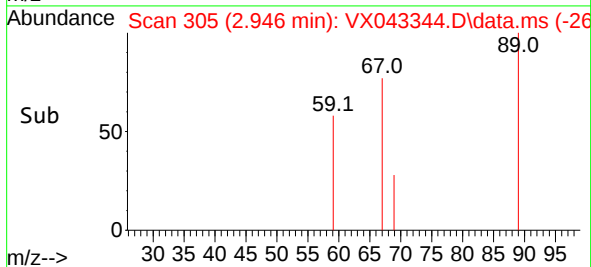
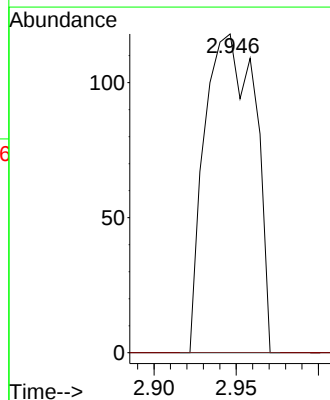
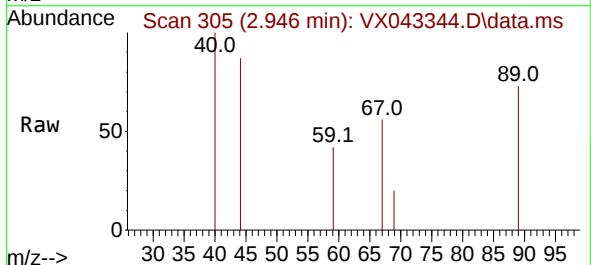
Instrument :
MSVOA_X
ClientSampleId :
BPOW6-11-TB-20241008

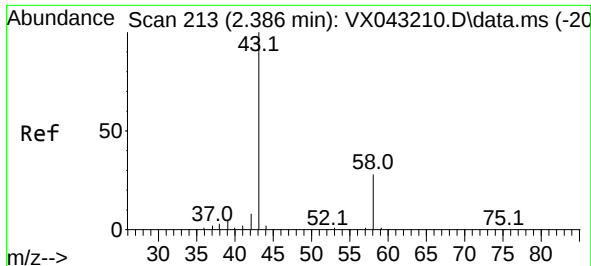
Tgt Ion:168 Resp: 83225
Ion Ratio Lower Upper
168 100
99 67.1 49.7 74.5



#11
Tert butyl alcohol
Concen: 0.967 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.049 min
Lab File: VX043344.D
Acq: 09 Oct 2024 17:04

Tgt Ion: 59 Resp: 250
Ion Ratio Lower Upper
59 100
57 0.0 8.6 13.0#

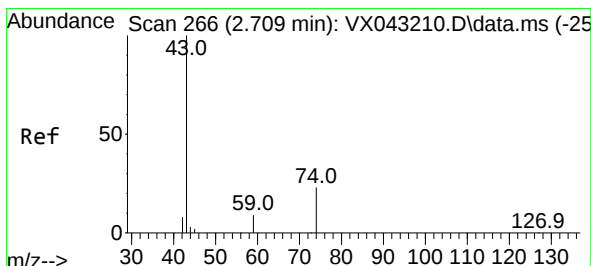
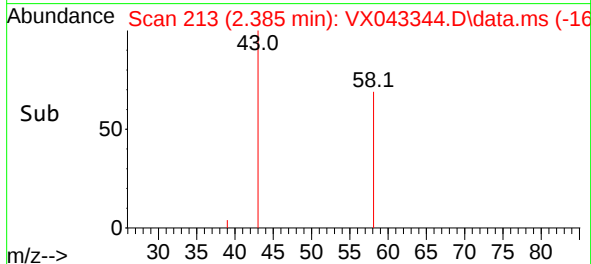
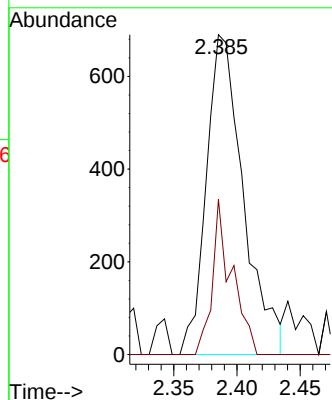
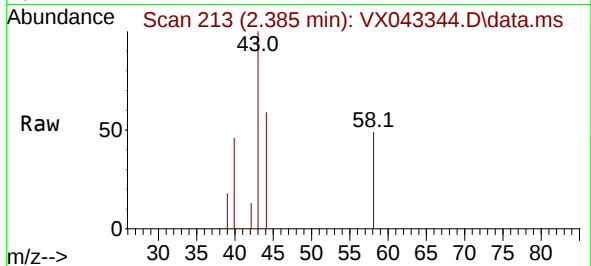




#16
Acetone
Concen: 2.482 ug/l
RT: 2.385 min Scan# 21
Delta R.T. -0.001 min
Lab File: VX043344.D
Acq: 09 Oct 2024 17:04

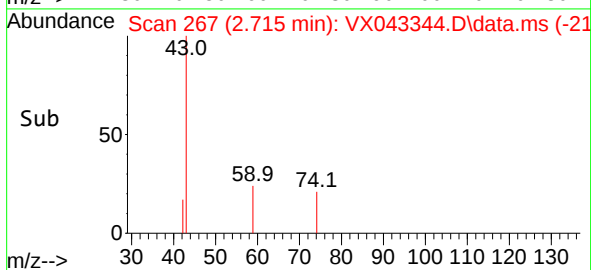
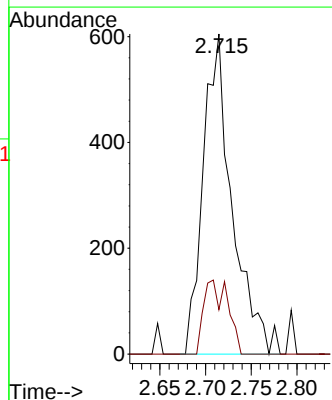
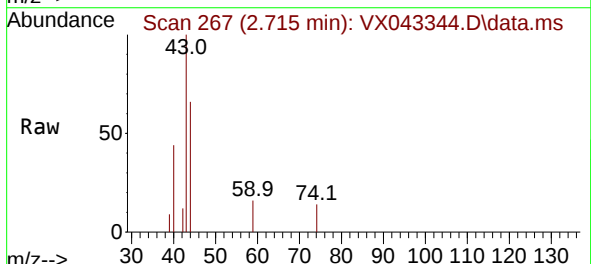
Instrument :
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ClientSampleId :
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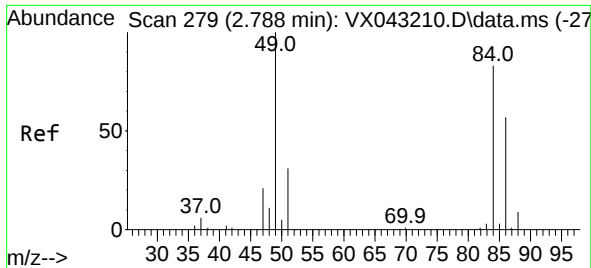
Tgt Ion: 43 Resp: 1409
Ion Ratio Lower Upper
43 100
58 48.6 22.6 33.8#



#18
Methyl Acetate
Concen: 0.939 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.006 min
Lab File: VX043344.D
Acq: 09 Oct 2024 17:04

Tgt Ion: 43 Resp: 1337
Ion Ratio Lower Upper
43 100
74 19.1 19.1 28.7#

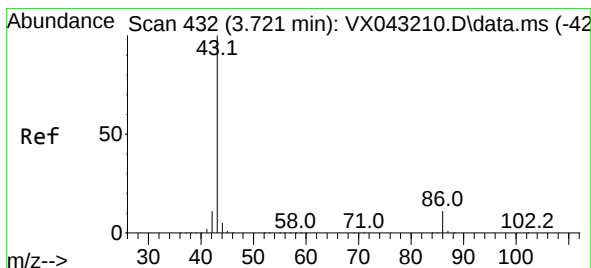
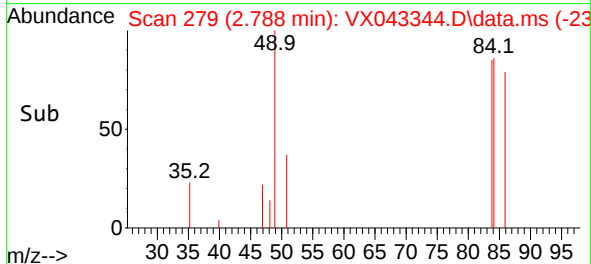
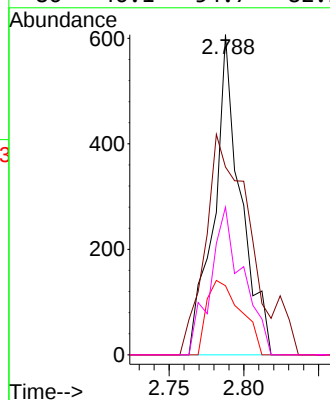
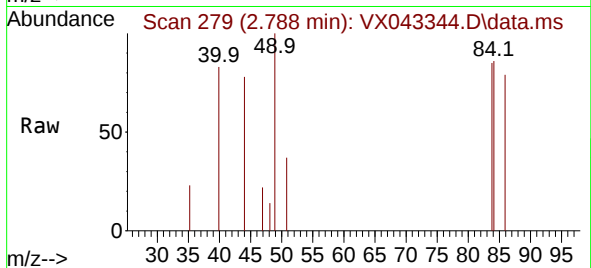




#20
Methylene Chloride
Concen: 0.720 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX043344.D
Acq: 09 Oct 2024 17:04

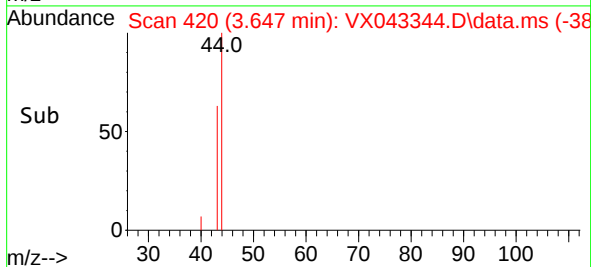
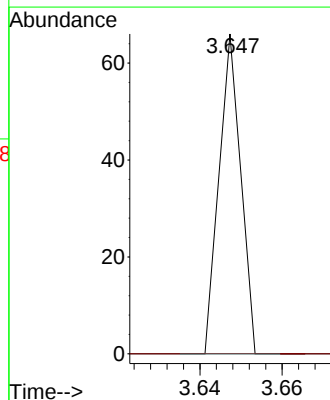
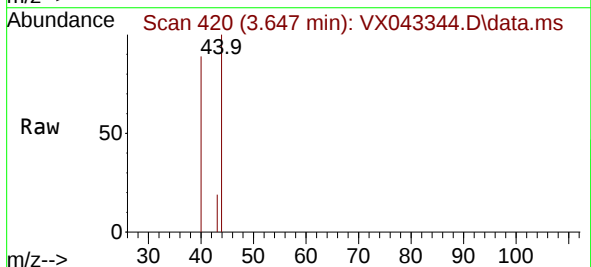
Instrument :
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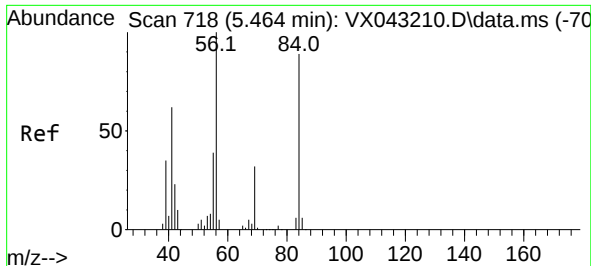
Tgt Ion:	84	Resp:	753
Ion	Ratio	Lower	Upper
84	100		
49	58.6	96.7	145.1#
51	21.6	30.4	45.6#
86	46.1	54.7	82.1#



#23
Vinyl Acetate
Concen: 6.346 ug/l
RT: 3.647 min Scan# 420
Delta R.T. -0.074 min
Lab File: VX043344.D
Acq: 09 Oct 2024 17:04

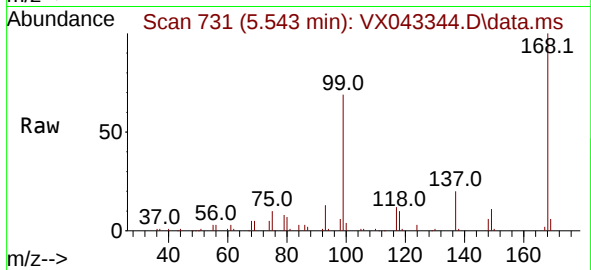
Tgt Ion:	43	Resp:	24
Ion	Ratio	Lower	Upper
43	100		
86	0.0	8.8	13.2#



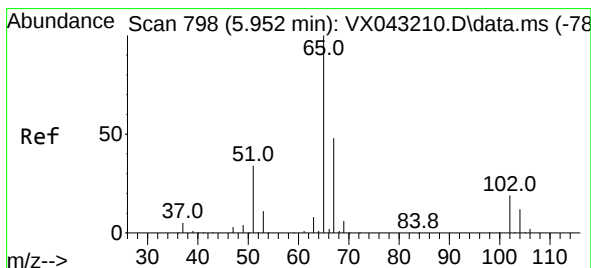
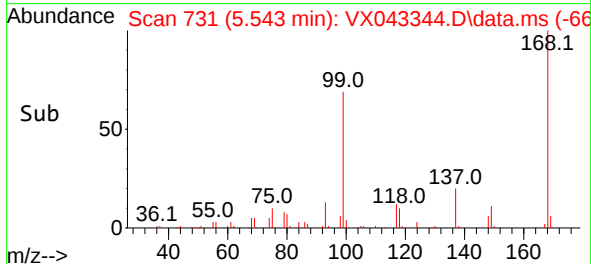
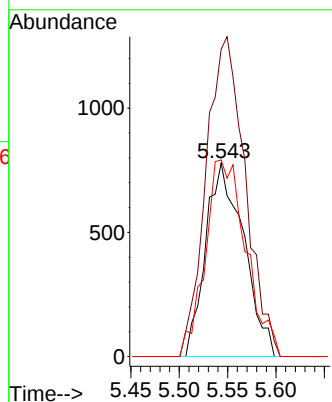


#31
Cyclohexane
Concen: 1.449 ug/l
RT: 5.543 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX043344.D
Acq: 09 Oct 2024 17:04

Instrument :
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ClientSampleId :
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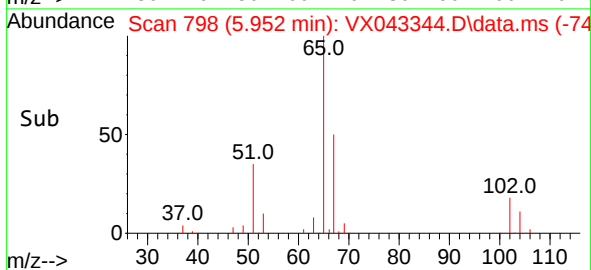
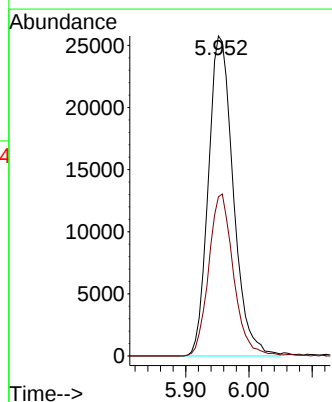
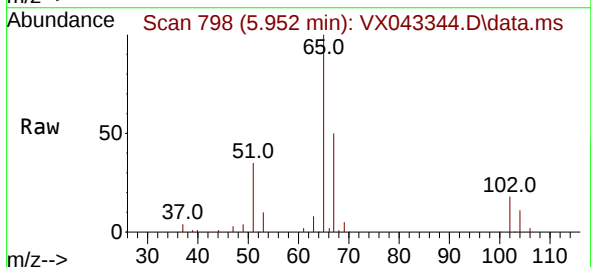


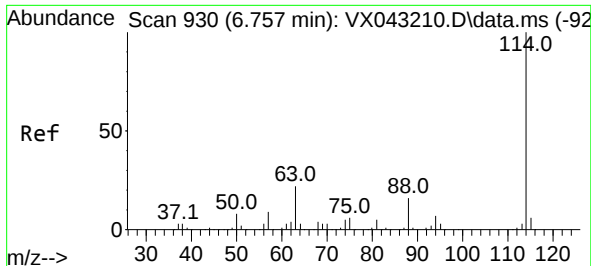
Tgt Ion: 56 Resp: 2125
Ion Ratio Lower Upper
56 100
69 158.9 25.8 38.6#
84 101.7 71.1 106.7



#33
1,2-Dichloroethane-d4
Concen: 51.847 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX043344.D
Acq: 09 Oct 2024 17:04

Tgt Ion: 65 Resp: 70470
Ion Ratio Lower Upper
65 100
67 50.3 0.0 99.0

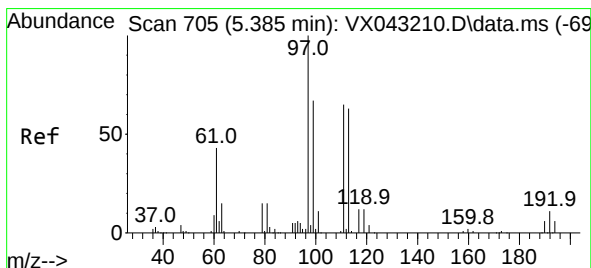
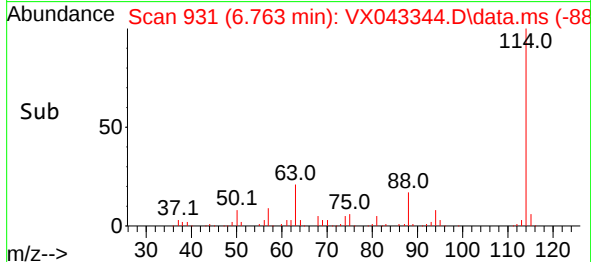
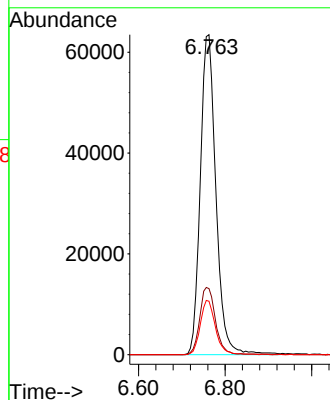
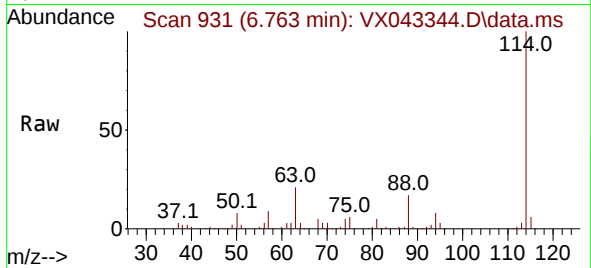




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX043344.D
Acq: 09 Oct 2024 17:04

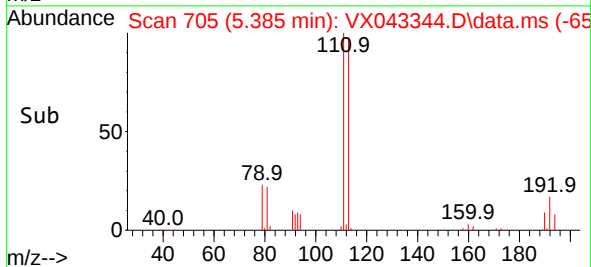
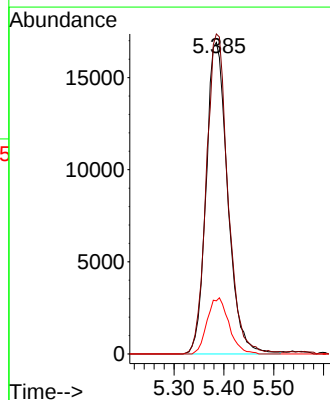
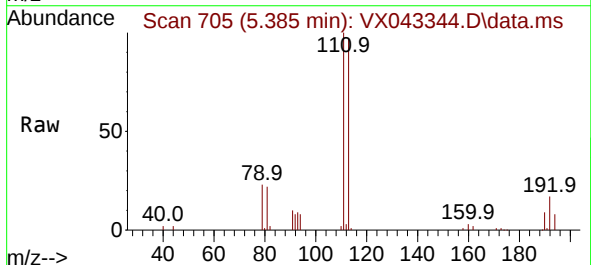
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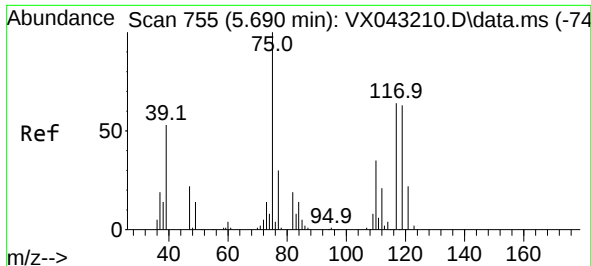
Tgt Ion:114 Resp: 158967
Ion Ratio Lower Upper
114 100
63 20.6 0.0 43.0
88 16.7 0.0 33.0



#35
Dibromofluoromethane
Concen: 46.338 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX043344.D
Acq: 09 Oct 2024 17:04

Tgt Ion:113 Resp: 50800
Ion Ratio Lower Upper
113 100
111 102.9 83.4 125.0
192 18.2 14.1 21.1

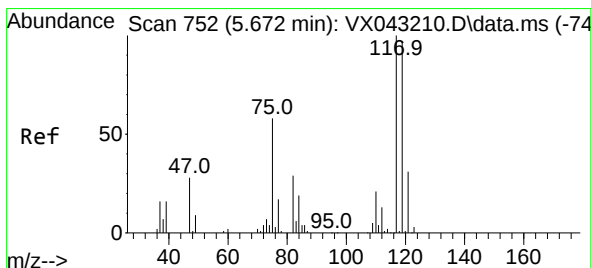
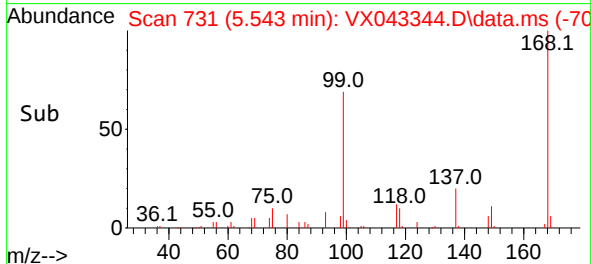
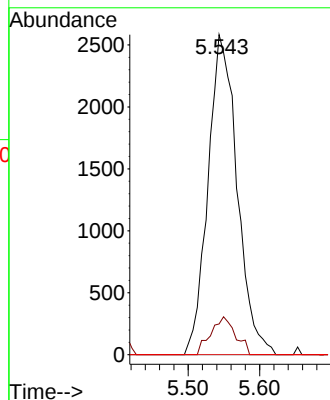
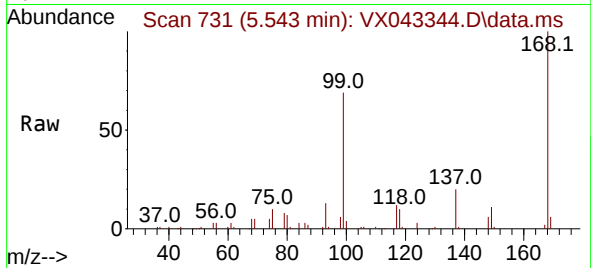




#36
1,1-Dichloropropene
Concen: 5.278 ug/l
RT: 5.543 min Scan# 71
Delta R.T. -0.147 min
Lab File: VX043344.D
Acq: 09 Oct 2024 17:04

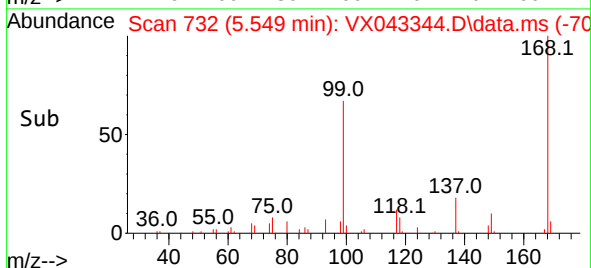
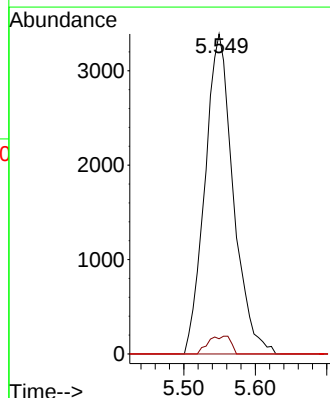
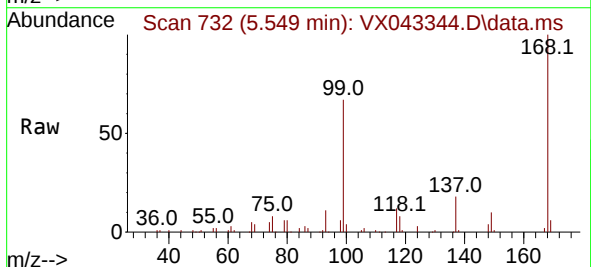
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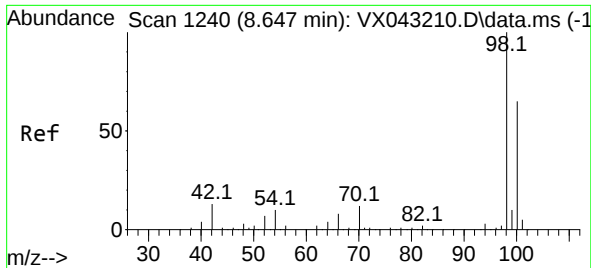
Tgt Ion: 75 Resp: 7310
Ion Ratio Lower Upper
75 100
110 10.0 17.8 53.3#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 5.679 ug/l
RT: 5.549 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX043344.D
Acq: 09 Oct 2024 17:04

Tgt Ion: 117 Resp: 9311
Ion Ratio Lower Upper
117 100
119 4.7 77.7 116.5#
121 0.0 24.3 36.5#

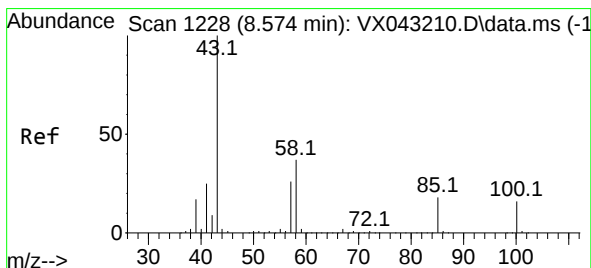
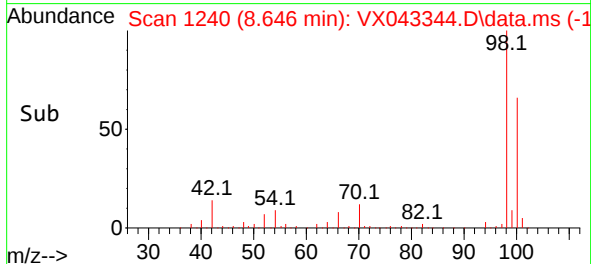
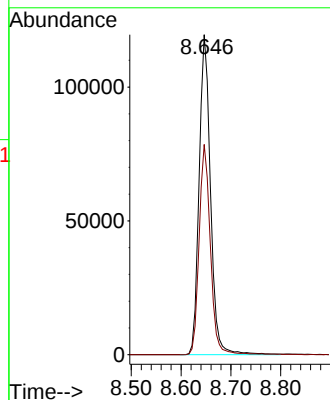
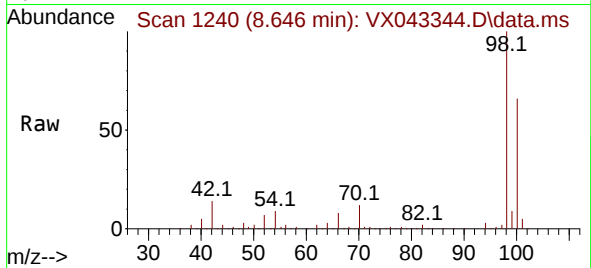




#50
Toluene-d8
Concen: 49.900 ug/l
RT: 8.646 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX043344.D
Acq: 09 Oct 2024 17:04

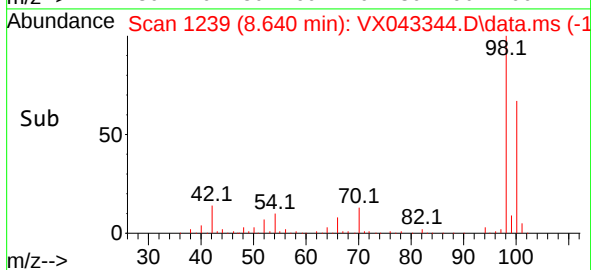
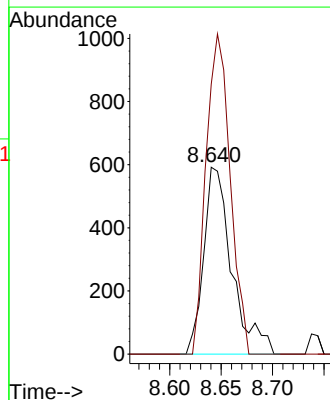
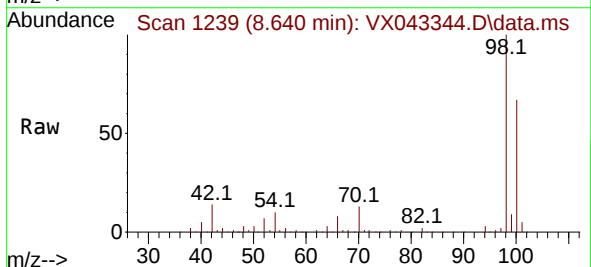
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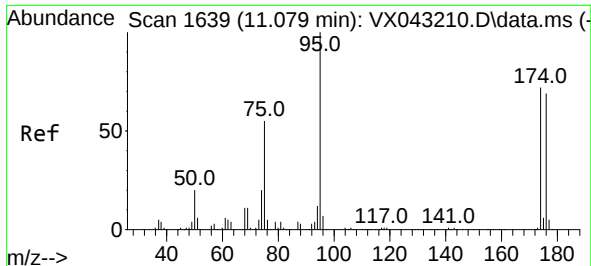
Tgt Ion: 98 Resp: 189579
Ion Ratio Lower Upper
98 100
100 64.9 52.4 78.6



#51
4-Methyl-2-Pentanone
Concen: 0.675 ug/l
RT: 8.640 min Scan# 1239
Delta R.T. 0.067 min
Lab File: VX043344.D
Acq: 09 Oct 2024 17:04

Tgt Ion: 43 Resp: 1127
Ion Ratio Lower Upper
43 100
58 146.9 30.0 45.0#

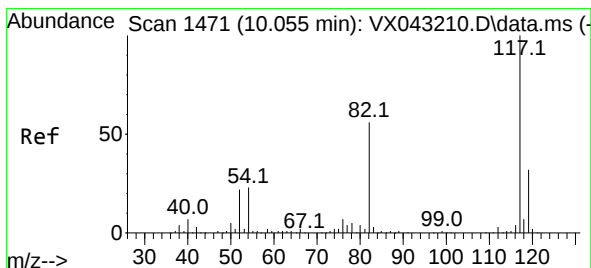
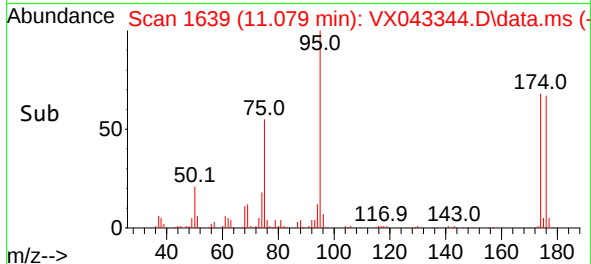
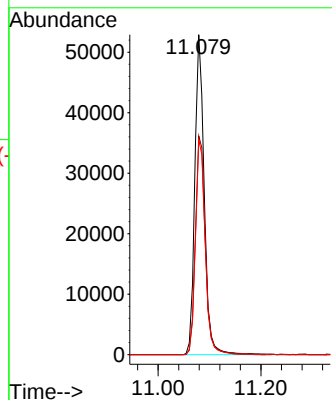
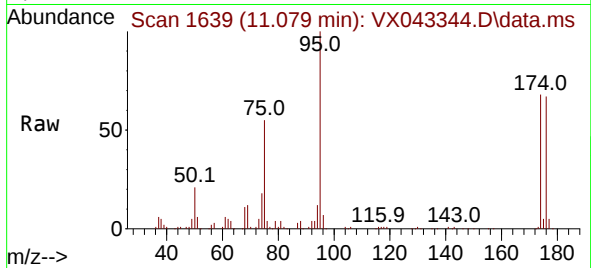




#62
4-Bromofluorobenzene
Concen: 48.940 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX043344.D
Acq: 09 Oct 2024 17:04

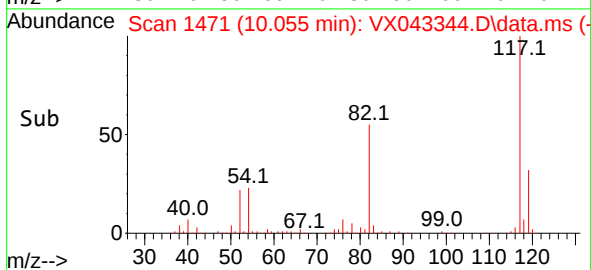
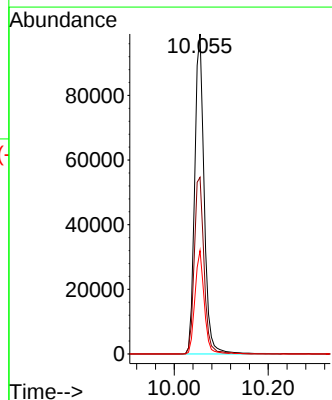
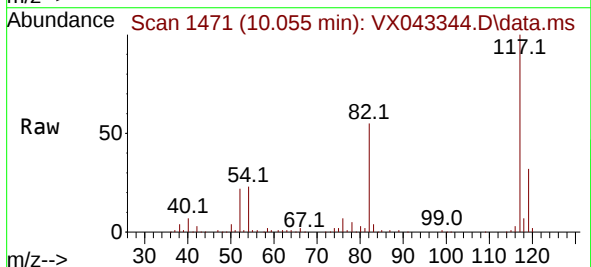
Instrument :
MSVOA_X
ClientSampleId :
BPOW6-11-TB-20241008

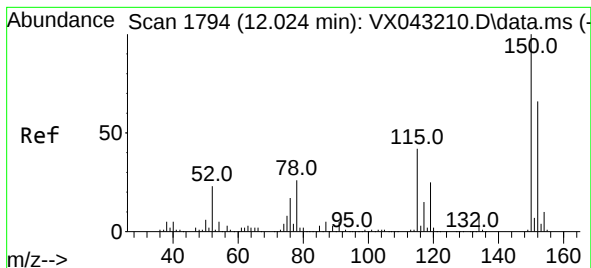
Tgt Ion: 95 Resp: 67548
Ion Ratio Lower Upper
95 100
174 71.6 0.0 145.0
176 69.1 0.0 143.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX043344.D
Acq: 09 Oct 2024 17:04

Tgt Ion: 117 Resp: 139706
Ion Ratio Lower Upper
117 100
82 55.2 45.0 67.6
119 32.3 25.3 37.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX043344.D

Acq: 09 Oct 2024 17:04

Instrument :

MSVOA_X

ClientSampleId :

BPOW6-11-TB-20241008

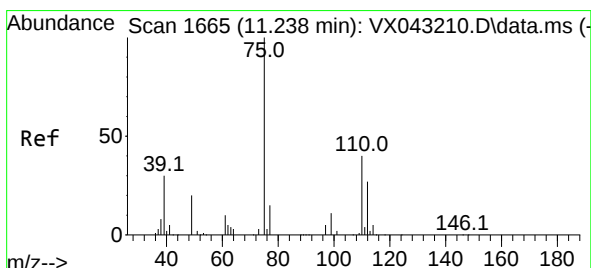
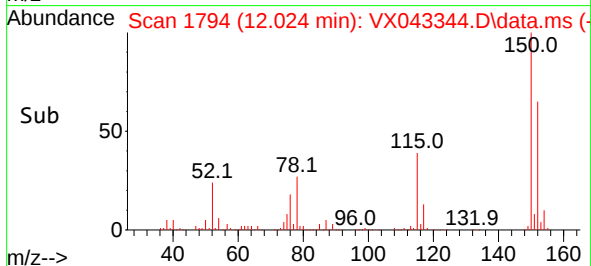
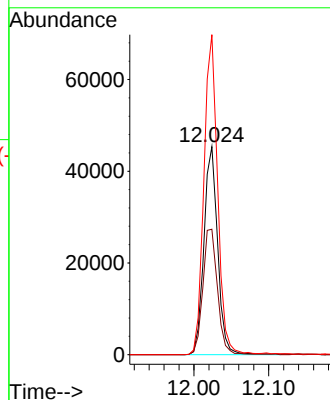
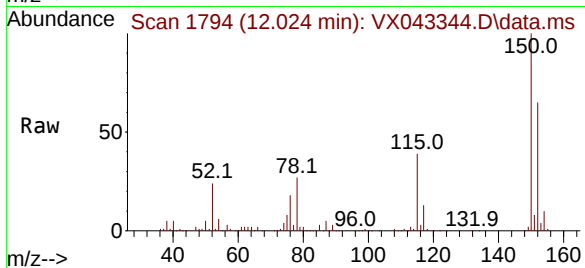
Tgt Ion:152 Resp: 57962

Ion Ratio Lower Upper

152 100

115 64.0 44.1 132.3

150 153.4 0.0 347.4



#76

1,2,3-Trichloropropane

Concen: 29.009 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX043344.D

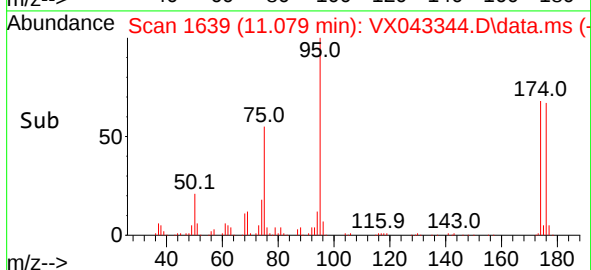
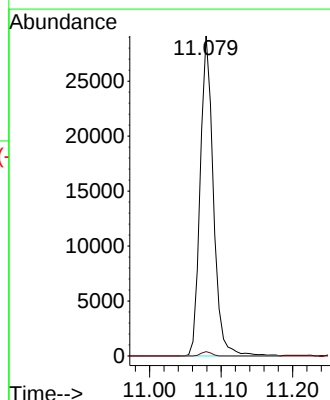
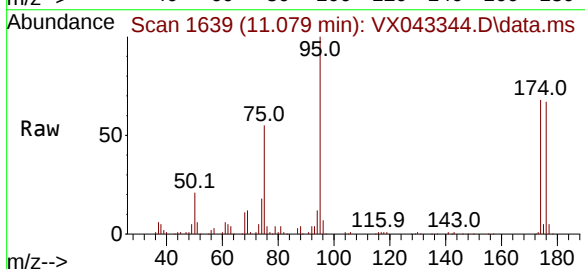
Acq: 09 Oct 2024 17:04

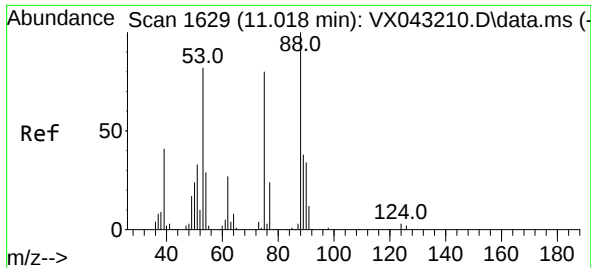
Tgt Ion: 75 Resp: 37296

Ion Ratio Lower Upper

75 100

77 1.0 22.0 66.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 75.182 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX043344.D
 Acq: 09 Oct 2024 17:04

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

Tgt Ion: 75 Resp: 37296
 Ion Ratio Lower Upper
 75 100
 53 0.0 83.9 125.9#
 89 0.1 38.6 58.0#

