

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100324\
 Data File : VX043252.D
 Acq On : 03 Oct 2024 11:21
 Operator : JC/MD
 Sample : P4231-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RW10A-MW01I-20240926

Quant Time: Oct 04 01:28:56 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)

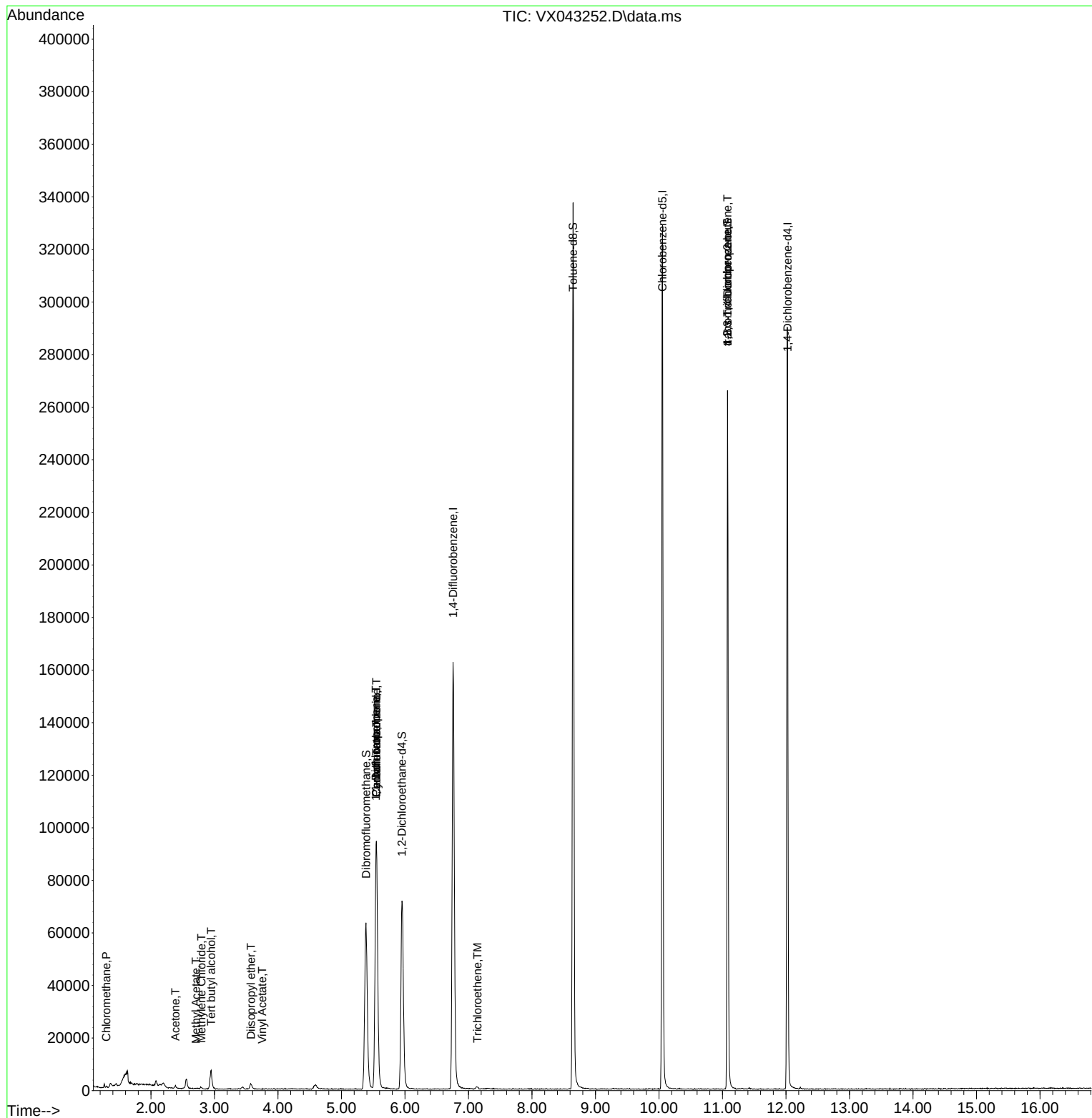
Internal Standards						
1) Pentafluorobenzene	5.550	168	86603	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	164220	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	145704	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	58462	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	74326	52.551	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.100%			
35) Dibromofluoromethane	5.385	113	55042	48.601	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.200%			
50) Toluene-d8	8.647	98	198928	50.686	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.380%			
62) 4-Bromofluorobenzene	11.079	95	68860	48.295	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 96.580%			
Target Compounds						Qvalue
3) Chloromethane	1.295	50	421	0.406	ug/l	90
11) Tert butyl alcohol	2.947	59	4037	14.999	ug/l #	73
16) Acetone	2.386	43	1069	1.810	ug/l	97
18) Methyl Acetate	2.709	43	410	0.277	ug/l #	51
20) Methylene Chloride	2.794	84	372	0.342	ug/l #	54
22) Diisopropyl ether	3.575	45	1292	0.406	ug/l #	3
23) Vinyl Acetate	3.752	43	20	6.344	ug/l #	71
31) Cyclohexane	5.550	56	2114	1.385	ug/l #	11
36) 1,1-Dichloropropene	5.544	75	7336	5.127	ug/l #	49
38) Carbon Tetrachloride	5.550	117	9767	5.767	ug/l #	16
44) Trichloroethene	7.141	130	459	0.399	ug/l	61
76) 1,2,3-Trichloropropane	11.079	75	39300	30.307	ug/l #	33
81) trans-1,4-Dichloro-2-b...	11.079	75	39300	78.544	ug/l #	8

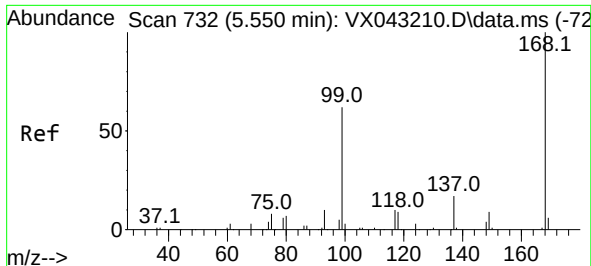
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Oct 02 16:50:57 2024
Response via : Initial Calibration

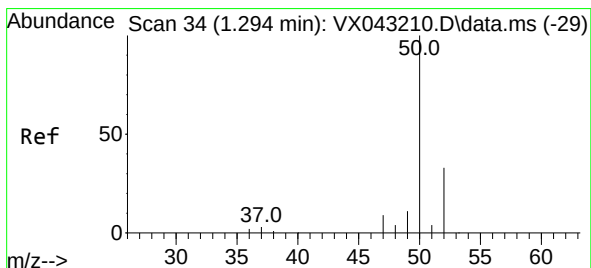
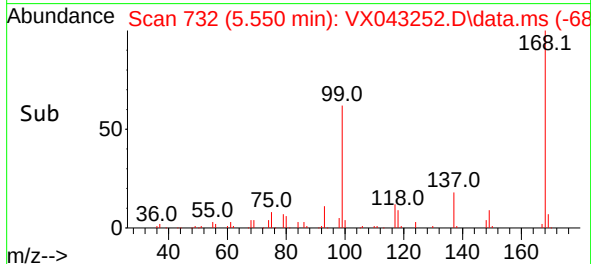
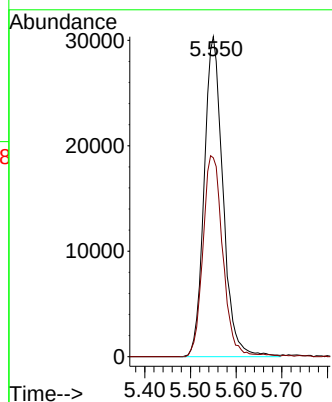
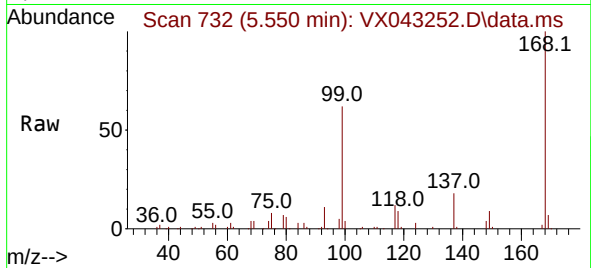




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX043252.D
Acq: 03 Oct 2024 11:21

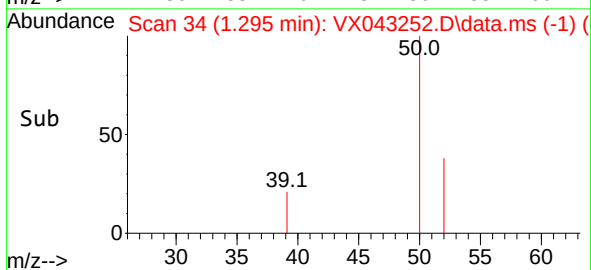
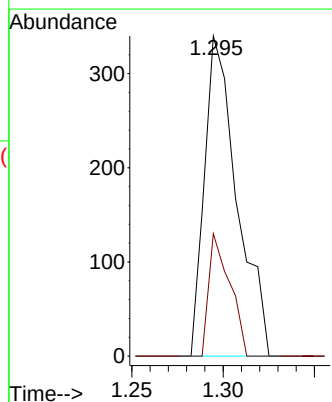
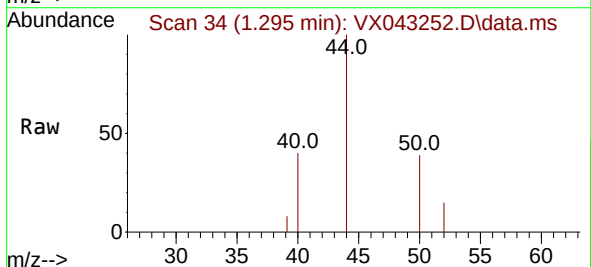
Instrument :
MSVOA_X
ClientSampleId :
RW10A-MW01I-20240926

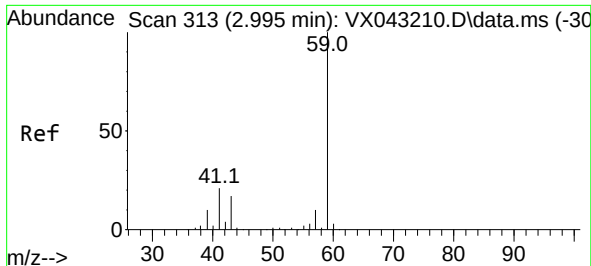
Tgt Ion:168 Resp: 86603
Ion Ratio Lower Upper
168 100
99 62.2 49.7 74.5



#3
Chloromethane
Concen: 0.406 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX043252.D
Acq: 03 Oct 2024 11:21

Tgt Ion: 50 Resp: 421
Ion Ratio Lower Upper
50 100
52 38.2 26.1 39.1

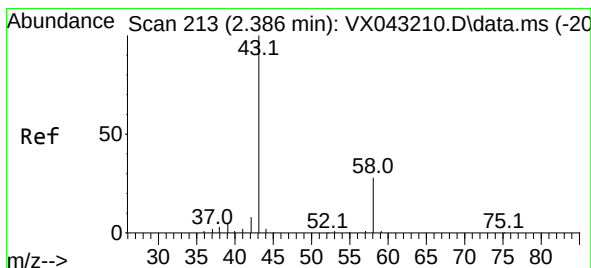
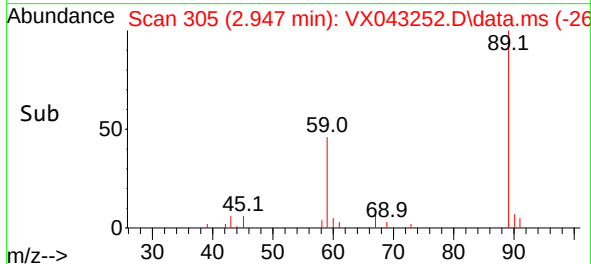
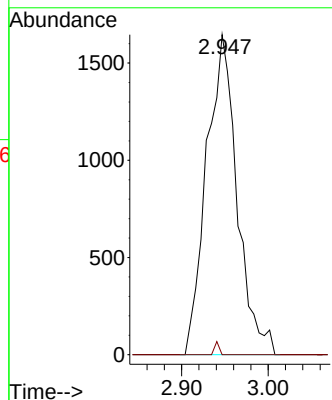
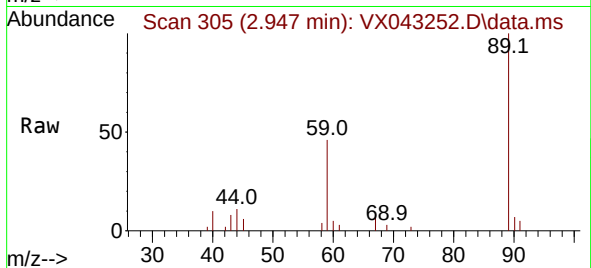




#11
Tert butyl alcohol
Concen: 14.999 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.049 min
Lab File: VX043252.D
Acq: 03 Oct 2024 11:21

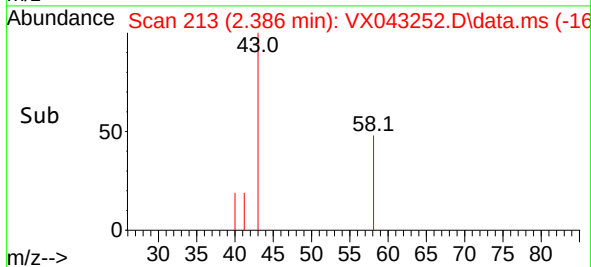
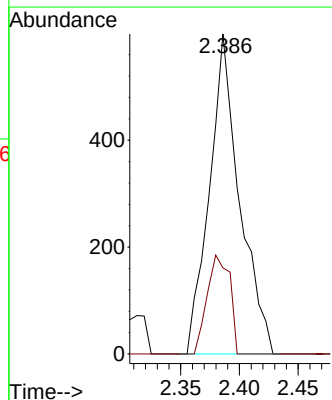
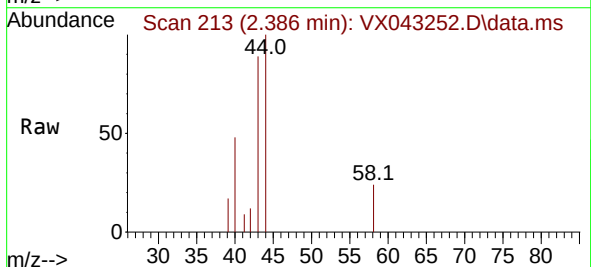
Instrument :
MSVOA_X
ClientSampleId :
RW10A-MW01-20240926

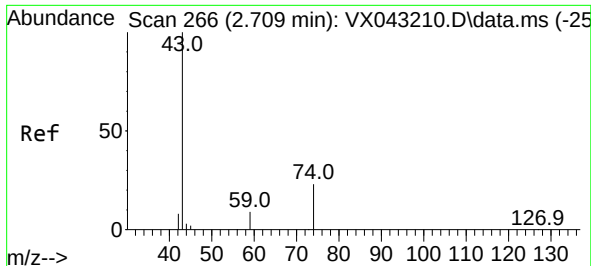
Tgt Ion: 59 Resp: 4037
Ion Ratio Lower Upper
59 100
57 0.6 8.6 13.0#



#16
Acetone
Concen: 1.810 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX043252.D
Acq: 03 Oct 2024 11:21

Tgt Ion: 43 Resp: 1069
Ion Ratio Lower Upper
43 100
58 26.9 22.6 33.8

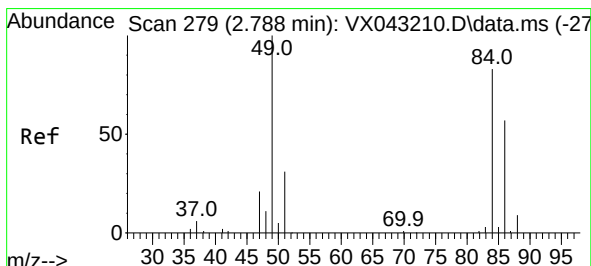
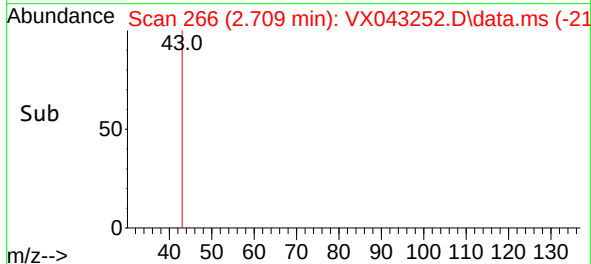
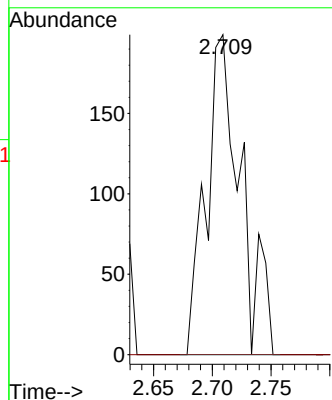
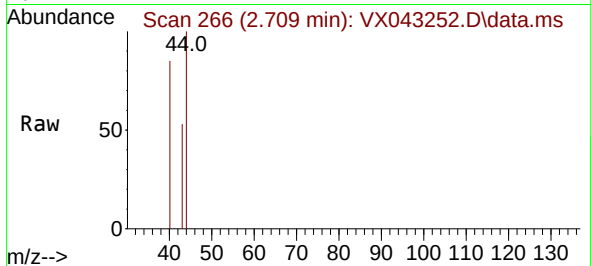




#18
Methyl Acetate
Concen: 0.277 ug/l
RT: 2.709 min Scan# 218
Delta R.T. 0.000 min
Lab File: VX043252.D
Acq: 03 Oct 2024 11:21

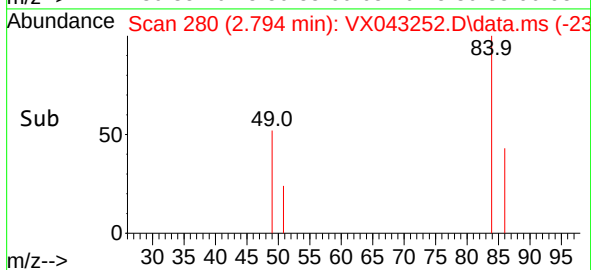
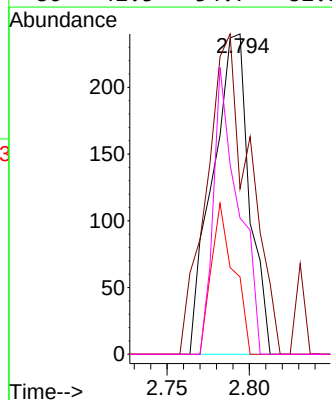
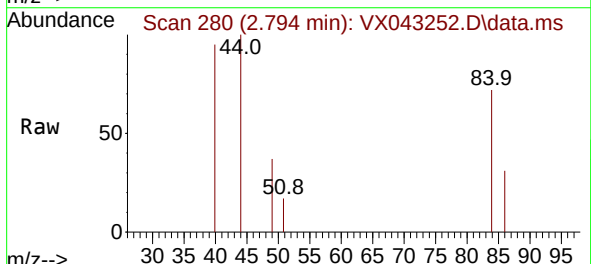
Instrument :
MSVOA_X
ClientSampleId :
RW10A-MW01I-20240926

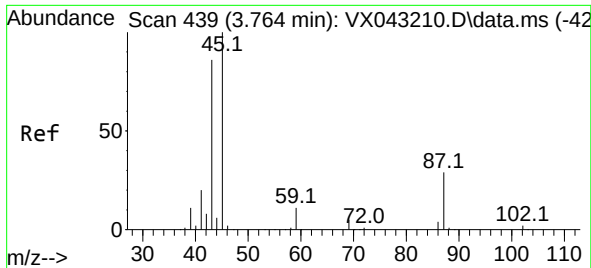
Tgt Ion: 43 Resp: 410
Ion Ratio Lower Upper
43 100
74 0.0 19.1 28.7#



#20
Methylene Chloride
Concen: 0.342 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX043252.D
Acq: 03 Oct 2024 11:21

Tgt Ion: 84 Resp: 372
Ion Ratio Lower Upper
84 100
49 51.7 96.7 145.1#
51 24.2 30.4 45.6#
86 42.5 54.7 82.1#

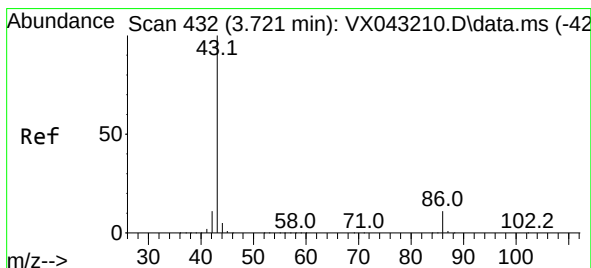
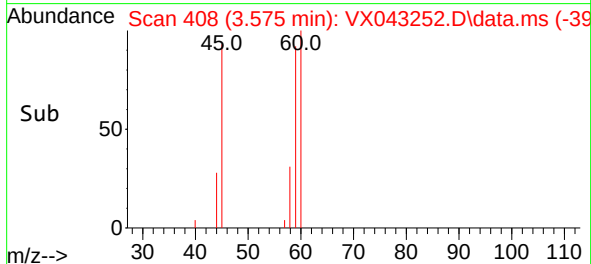
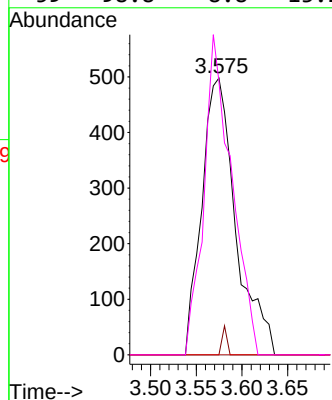
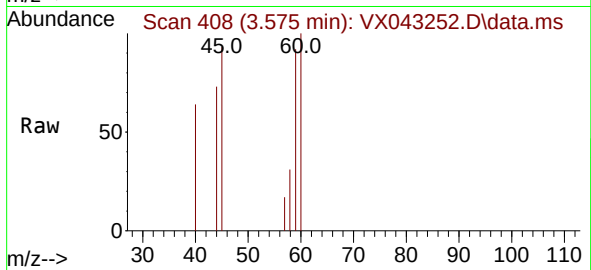




#22
Diisopropyl ether
Concen: 0.406 ug/l
RT: 3.575 min Scan# 408
Delta R.T. -0.189 min
Lab File: VX043252.D
Acq: 03 Oct 2024 11:21

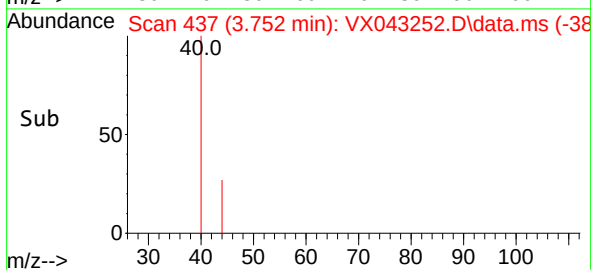
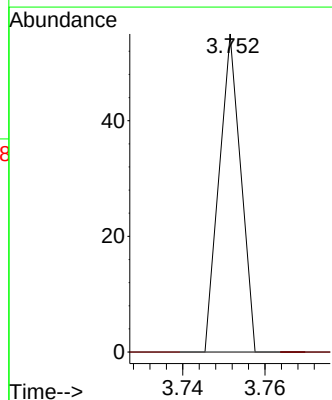
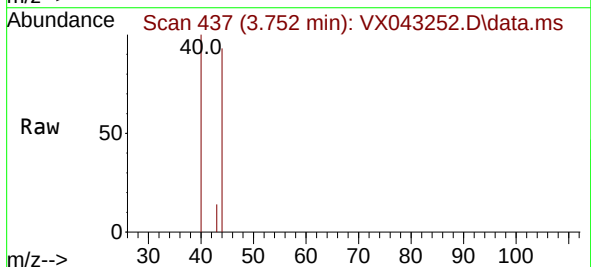
Instrument :
MSVOA_X
ClientSampleId :
RW10A-MW01I-20240926

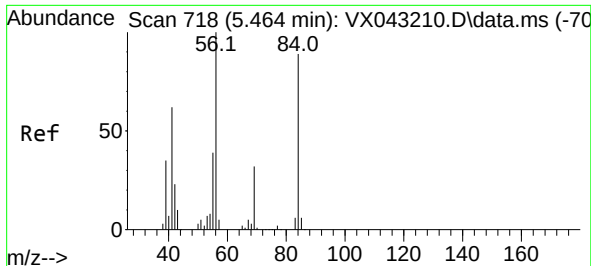
Tgt Ion: 45	Resp: 1292
Ion Ratio	Lower Upper
45	100
43	0.0 68.5 102.7#
87	0.0 23.0 34.4#
59	98.8 8.8 13.2#



#23
Vinyl Acetate
Concen: 6.344 ug/l
RT: 3.752 min Scan# 437
Delta R.T. 0.030 min
Lab File: VX043252.D
Acq: 03 Oct 2024 11:21

Tgt Ion: 43	Resp: 20
Ion Ratio	Lower Upper
43	100
86	0.0 8.8 13.2#

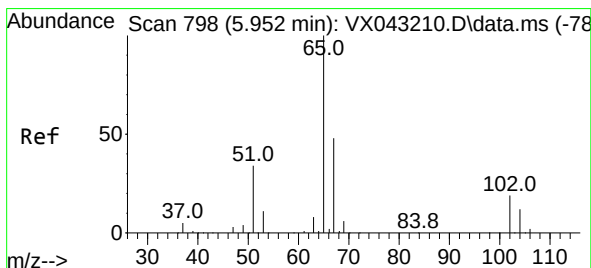
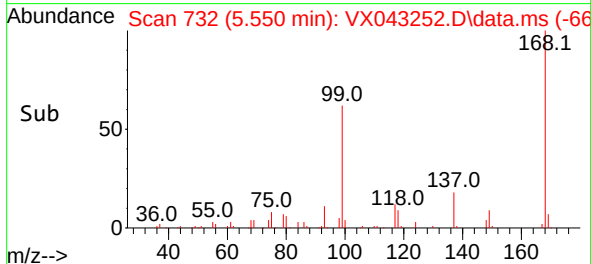
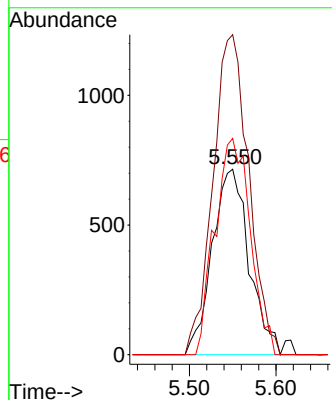
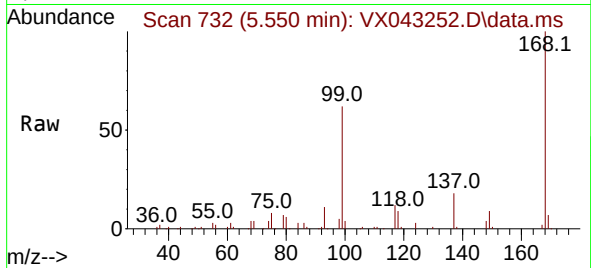




#31
Cyclohexane
Concen: 1.385 ug/l
RT: 5.550 min Scan# 718
Delta R.T. 0.085 min
Lab File: VX043252.D
Acq: 03 Oct 2024 11:21

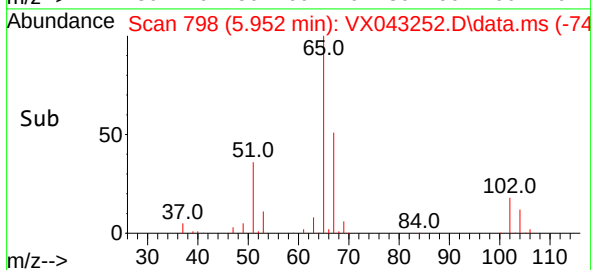
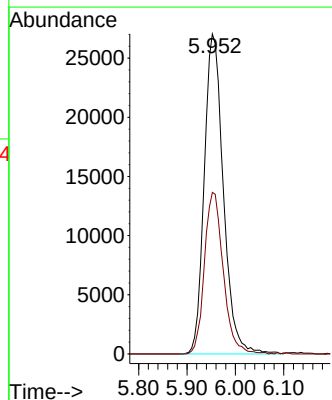
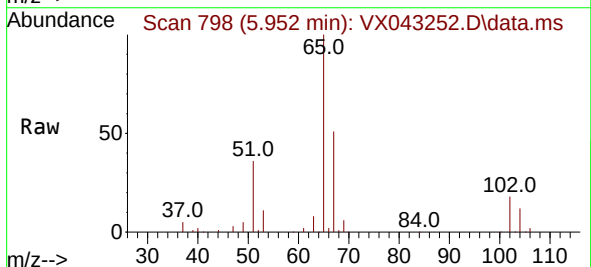
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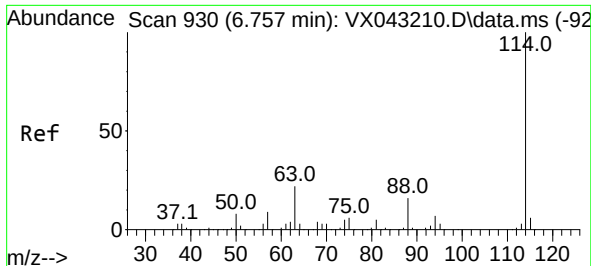
Tgt Ion: 56 Resp: 2114
Ion Ratio Lower Upper
56 100
69 172.6 25.8 38.6#
84 116.6 71.1 106.7#



#33
1,2-Dichloroethane-d4
Concen: 52.551 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX043252.D
Acq: 03 Oct 2024 11:21

Tgt Ion: 65 Resp: 74326
Ion Ratio Lower Upper
65 100
67 49.8 0.0 99.0

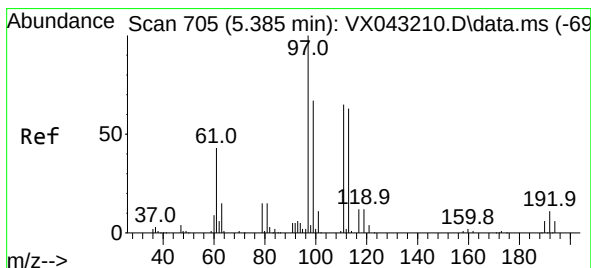
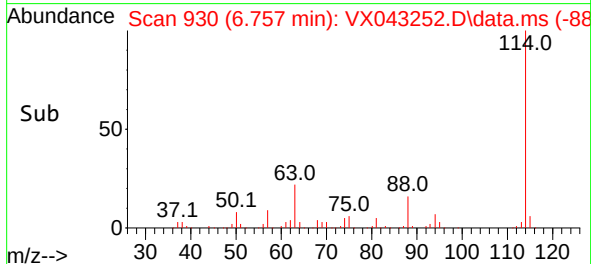
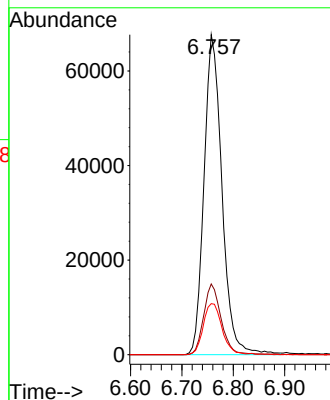
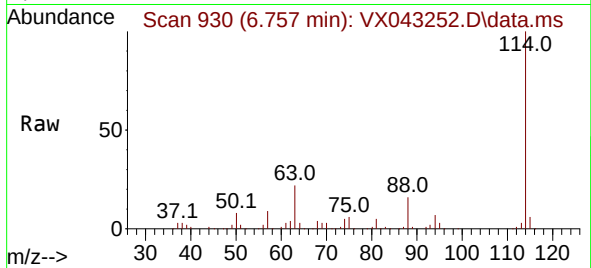




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX043252.D
Acq: 03 Oct 2024 11:21

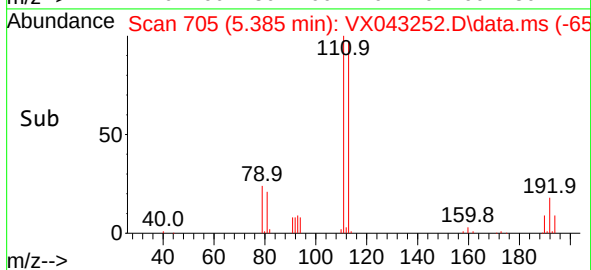
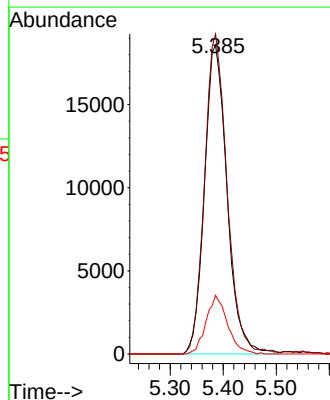
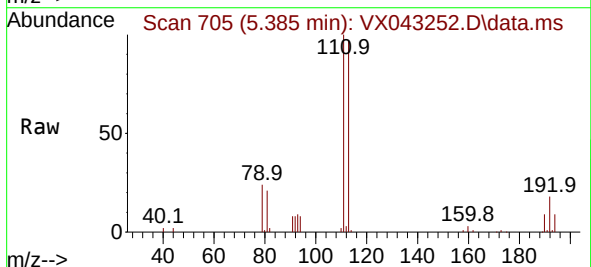
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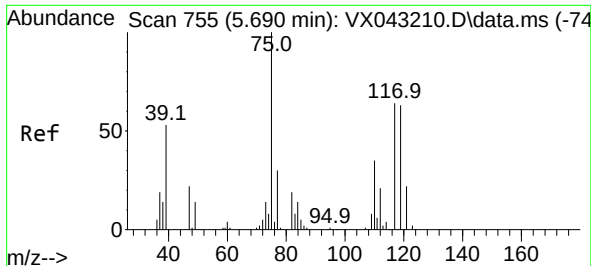
Tgt Ion:114 Resp: 164220
Ion Ratio Lower Upper
114 100
63 22.1 0.0 43.0
88 16.0 0.0 33.0



#35
Dibromofluoromethane
Concen: 48.601 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX043252.D
Acq: 03 Oct 2024 11:21

Tgt Ion:113 Resp: 55042
Ion Ratio Lower Upper
113 100
111 103.2 83.4 125.0
192 18.0 14.1 21.1

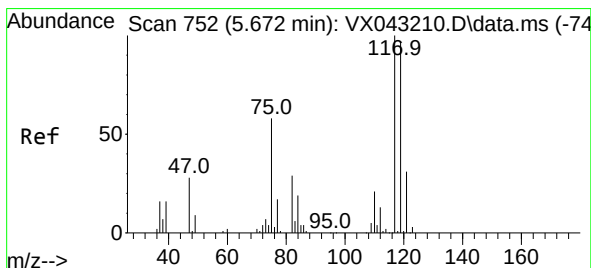
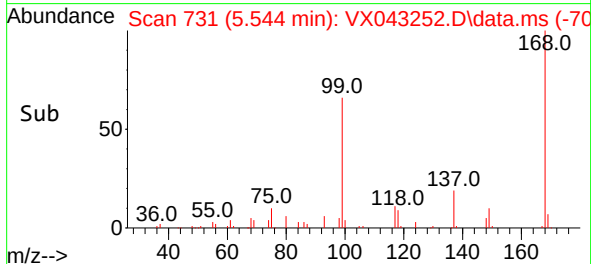
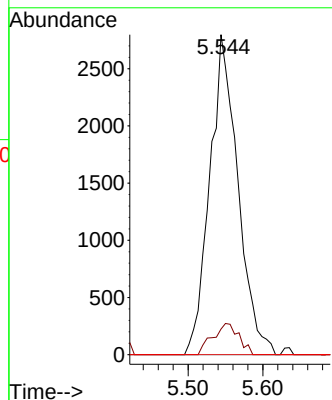
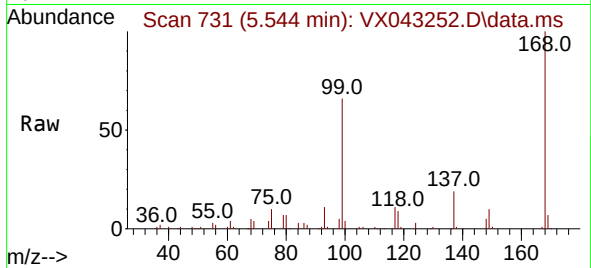




#36
1,1-Dichloropropene
Concen: 5.127 ug/l
RT: 5.544 min Scan# 711
Delta R.T. -0.146 min
Lab File: VX043252.D
Acq: 03 Oct 2024 11:21

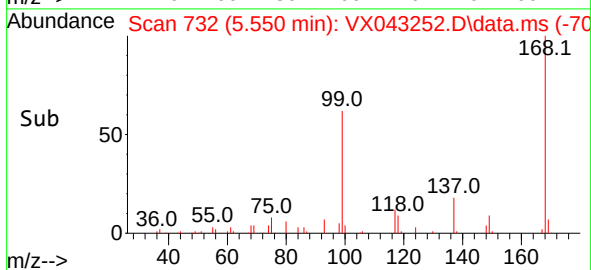
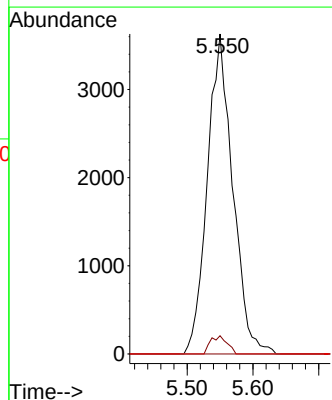
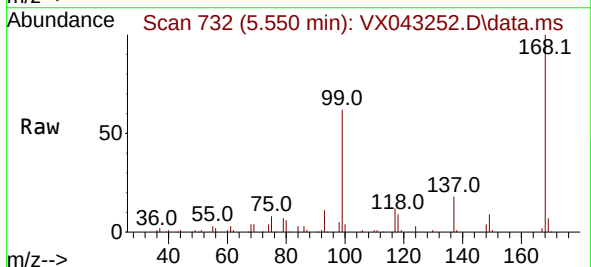
Instrument :
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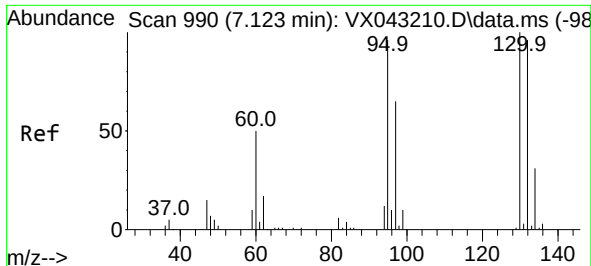
Tgt Ion: 75 Resp: 7336
Ion Ratio Lower Upper
75 100
110 9.0 17.8 53.3#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 5.767 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX043252.D
Acq: 03 Oct 2024 11:21

Tgt Ion: 117 Resp: 9767
Ion Ratio Lower Upper
117 100
119 5.7 77.7 116.5#
121 0.0 24.3 36.5#

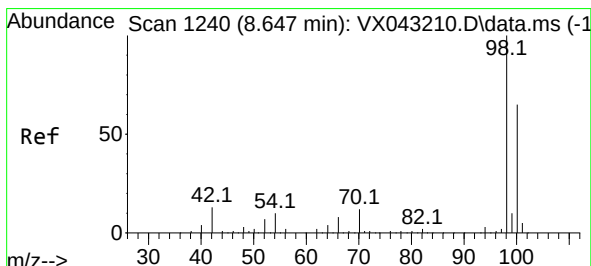
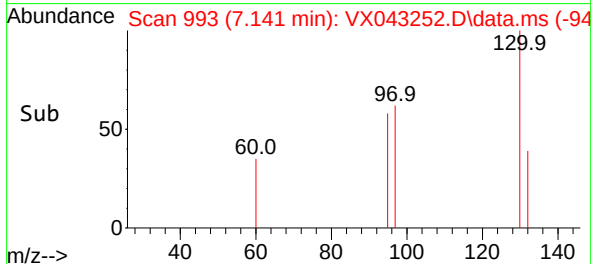
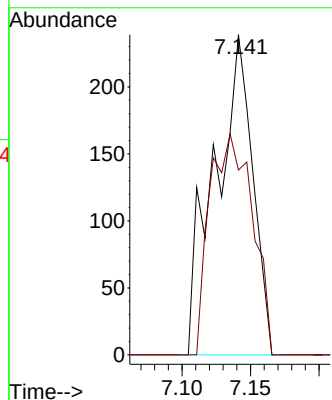
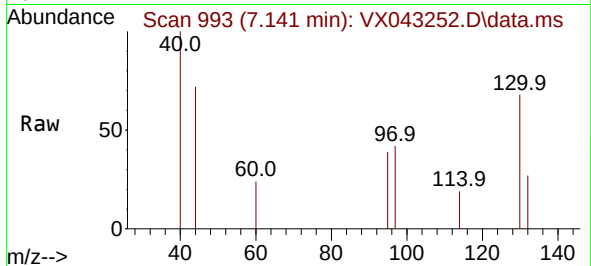




#44
Trichloroethene
Concen: 0.399 ug/l
RT: 7.141 min Scan# 990
Delta R.T. 0.018 min
Lab File: VX043252.D
Acq: 03 Oct 2024 11:21

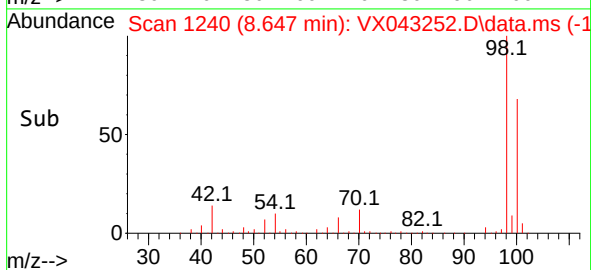
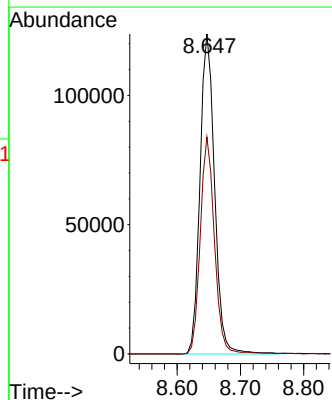
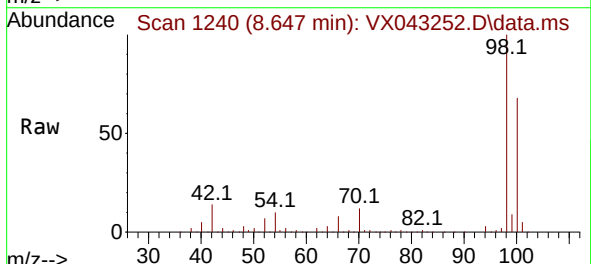
Instrument :
MSVOA_X
ClientSampleId :
RW10A-MW01I-20240926

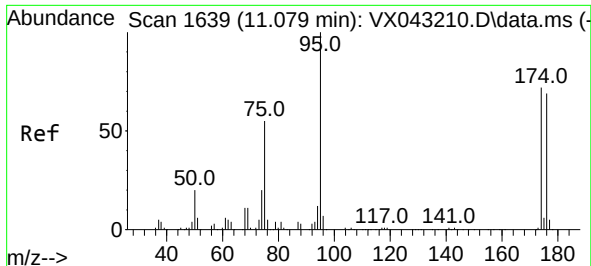
Tgt Ion:130 Resp: 459
Ion Ratio Lower Upper
130 100
95 57.7 0.0 192.2



#50
Toluene-d8
Concen: 50.686 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX043252.D
Acq: 03 Oct 2024 11:21

Tgt Ion: 98 Resp: 198928
Ion Ratio Lower Upper
98 100
100 66.2 52.4 78.6

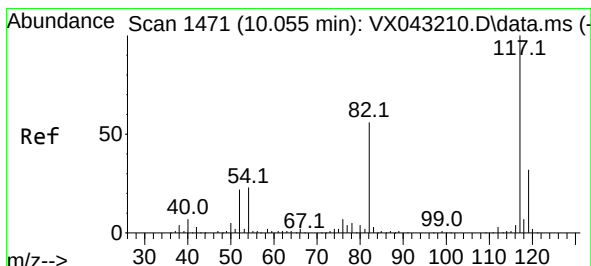
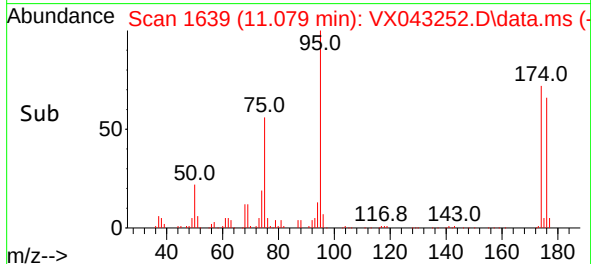
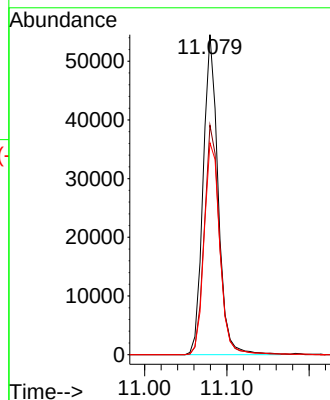
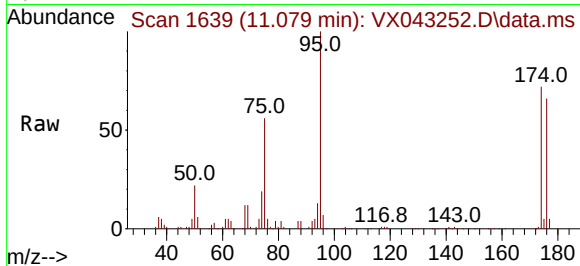




#62
4-Bromofluorobenzene
Concen: 48.295 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX043252.D
Acq: 03 Oct 2024 11:21

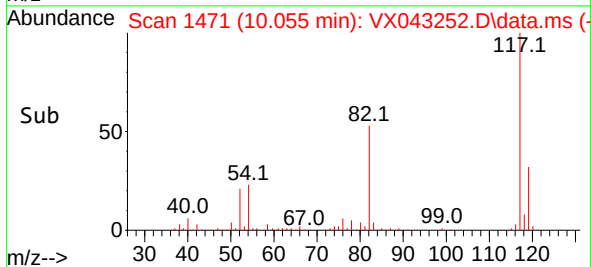
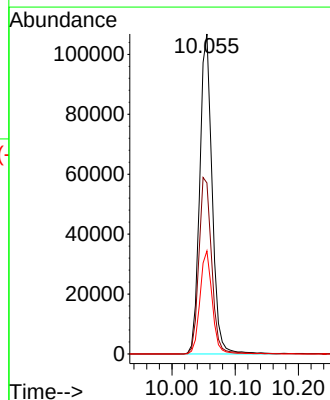
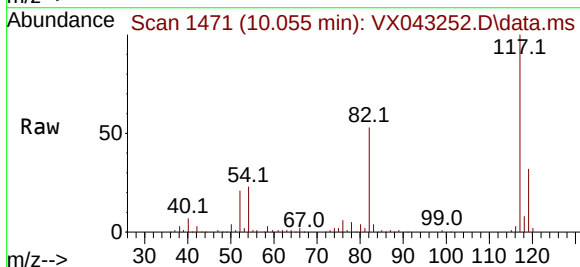
Instrument :
MSVOA_X
ClientSampleId :
RW10A-MW01I-20240926

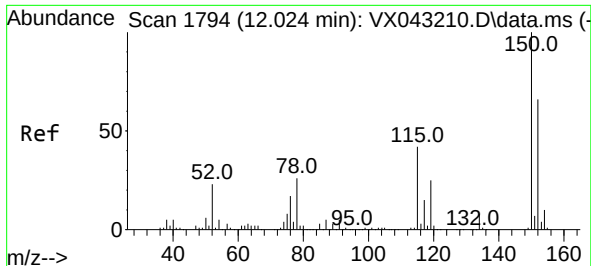
Tgt Ion: 95 Resp: 68860
Ion Ratio Lower Upper
95 100
174 73.3 0.0 145.0
176 69.9 0.0 143.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX043252.D
Acq: 03 Oct 2024 11:21

Tgt Ion: 117 Resp: 145704
Ion Ratio Lower Upper
117 100
82 53.4 45.0 67.6
119 32.2 25.3 37.9

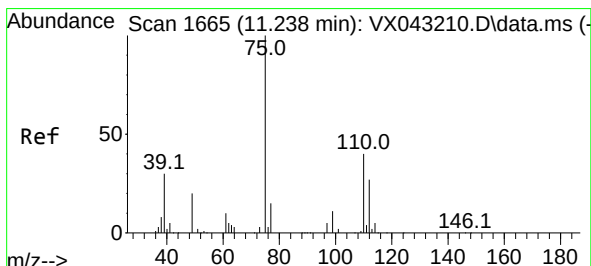
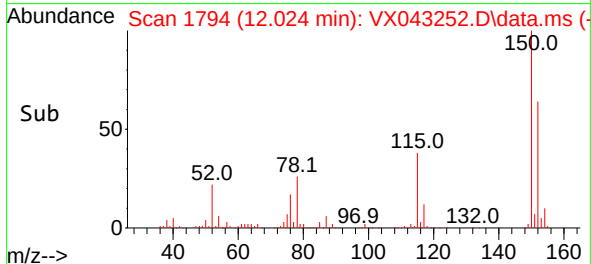
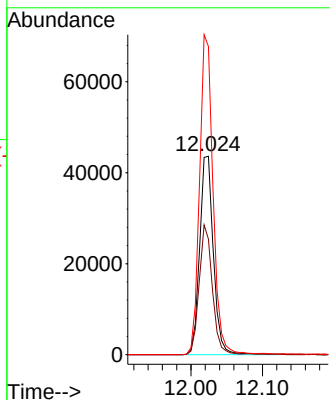
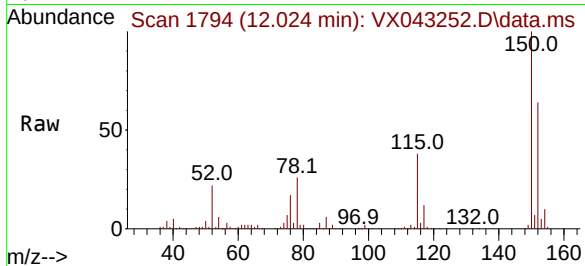




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX043252.D
Acq: 03 Oct 2024 11:21

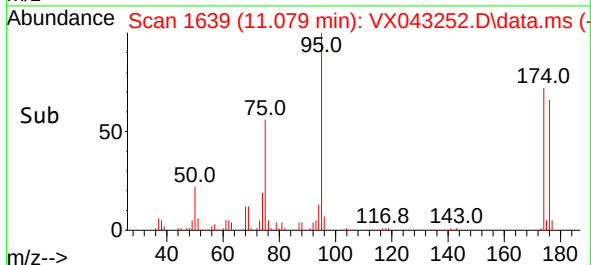
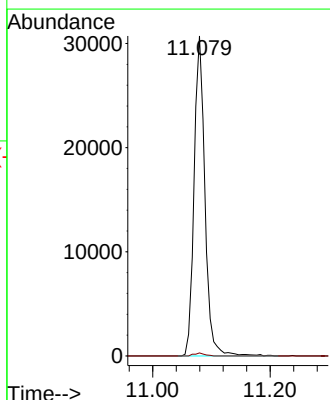
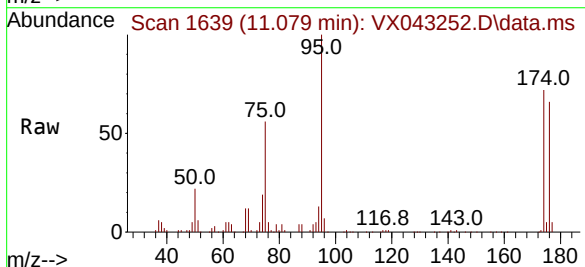
Instrument :
MSVOA_X
ClientSampleId :
RW10A-MW01I-20240926

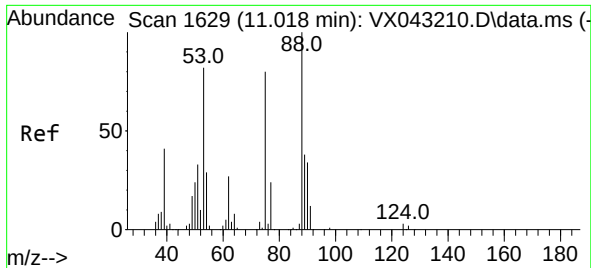
Tgt Ion:152 Resp: 58462
Ion Ratio Lower Upper
152 100
115 63.0 44.1 132.3
150 158.0 0.0 347.4



#76
1,2,3-Trichloropropane
Concen: 30.307 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX043252.D
Acq: 03 Oct 2024 11:21

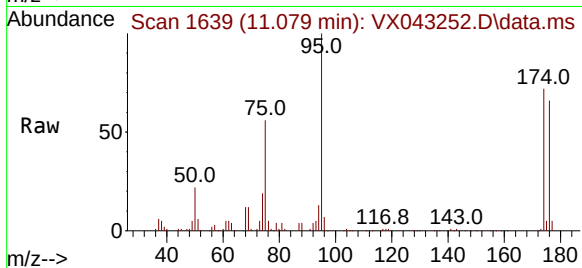
Tgt Ion: 75 Resp: 39300
Ion Ratio Lower Upper
75 100
77 0.9 22.0 66.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 78.544 ug/l
 RT: 11.079 min Scan# 11
 Delta R.T. 0.061 min
 Lab File: VX043252.D
 Acq: 03 Oct 2024 11:21

Instrument :
 MSVOA_X
 ClientSampleId :
 RW10A-MW01I-20240926



Tgt Ion: 75 Resp: 39300
 Ion Ratio Lower Upper
 75 100
 53 0.0 83.9 125.9#
 89 0.0 38.6 58.0#

