

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100724\
 Data File : VX043308.D
 Acq On : 07 Oct 2024 12:39
 Operator : JC/MD
 Sample : P4285-03DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 08 01:45:03 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)

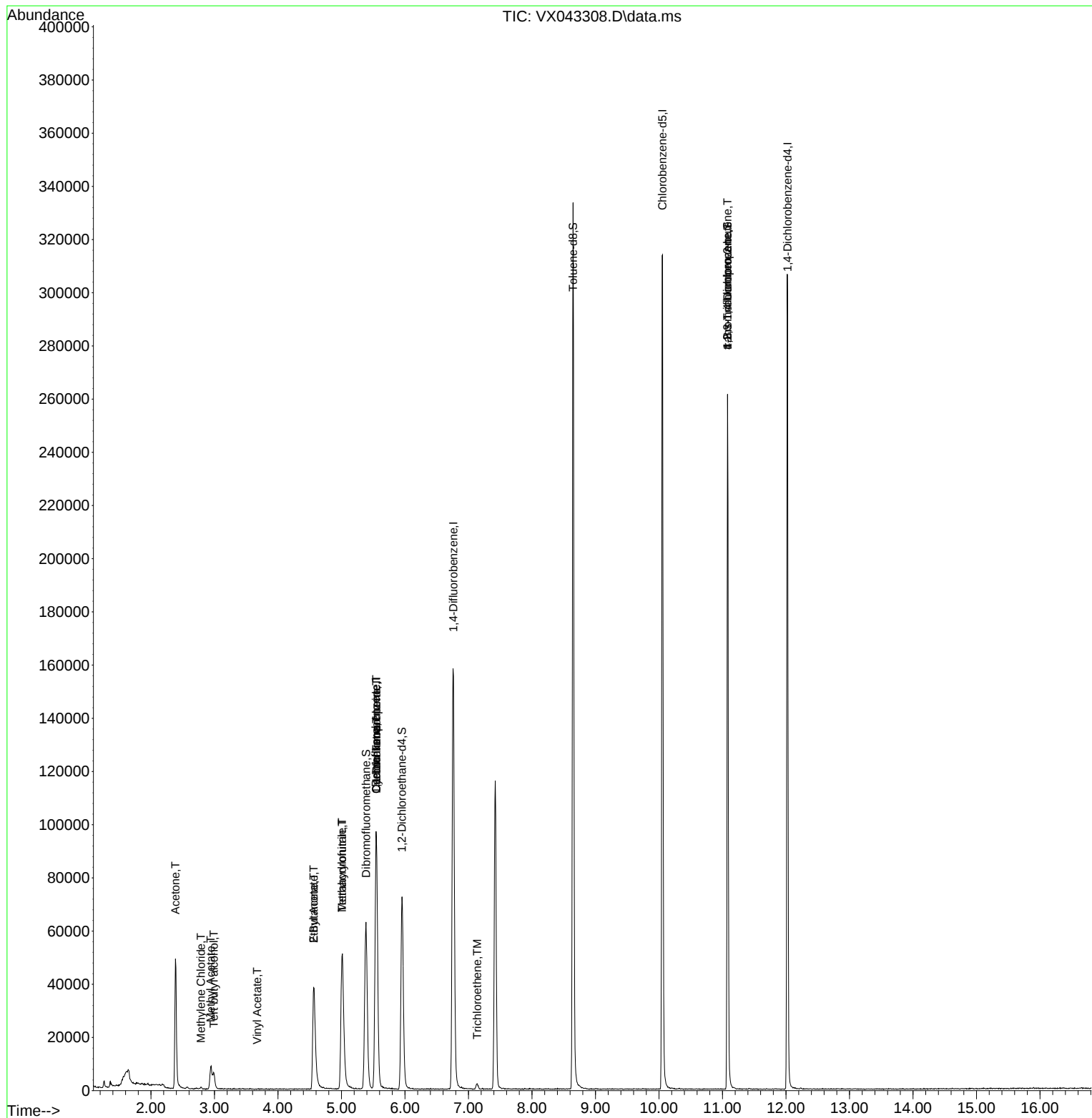
Internal Standards						
1) Pentafluorobenzene	5.544	168	87526	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	165293	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	143778	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	62211	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	74315	51.989	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.980%			
35) Dibromofluoromethane	5.385	113	54160	47.512	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.020%			
50) Toluene-d8	8.647	98	197876	50.091	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.180%			
62) 4-Bromofluorobenzene	11.079	95	70861	49.376	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 98.760%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.989	59	8257	30.355	ug/l	98
16) Acetone	2.386	43	57456	96.250	ug/l	97
18) Methyl Acetate	2.941	43	867	0.579	ug/l #	51
20) Methylene Chloride	2.788	84	289	0.263	ug/l #	74
23) Vinyl Acetate	3.672	43	43	6.351	ug/l #	71
25) 2-Butanone	4.562	43	70813	86.517	ug/l	98
29) Tetrahydrofuran	5.007	42	48772	93.538	ug/l	97
31) Cyclohexane	5.550	56	2126	1.378	ug/l #	32
36) 1,1-Dichloropropene	5.550	75	7938	5.512	ug/l #	49
37) Ethyl Acetate	4.562	43	70813	40.947	ug/l #	68
38) Carbon Tetrachloride	5.550	117	9793	5.744	ug/l #	14
41) Methacrylonitrile	5.007	41	29753	33.051	ug/l #	47
44) Trichloroethene	7.135	130	981	0.847	ug/l	99
76) 1,2,3-Trichloropropane	11.079	75	39404	28.556	ug/l #	33
81) trans-1,4-Dichloro-2-b...	11.079	75	39404	74.006	ug/l #	8

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

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Quant Time: Oct 08 01:45:03 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



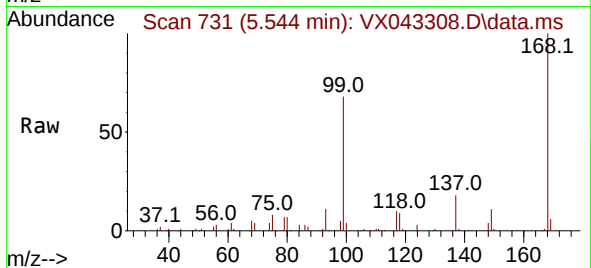


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX043308.D
Acq: 07 Oct 2024 12:39

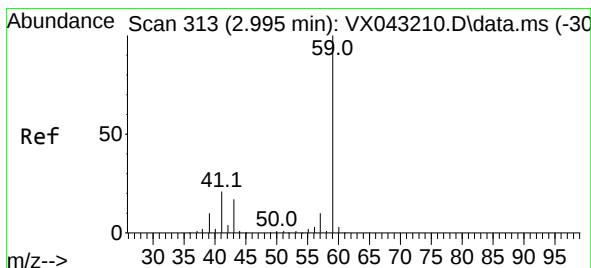
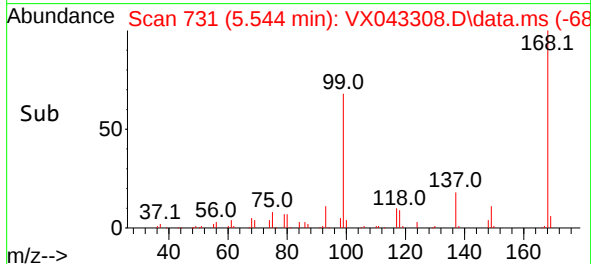
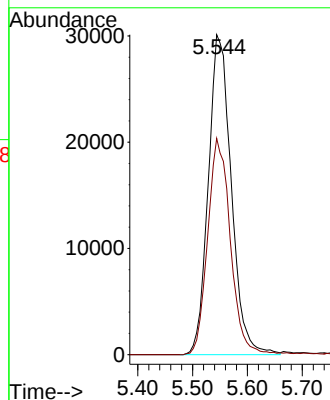
Instrument :

MSVOA_X

ClientSampleId :

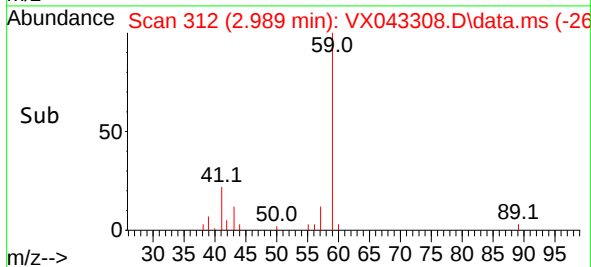
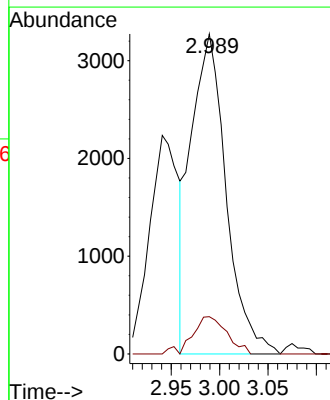
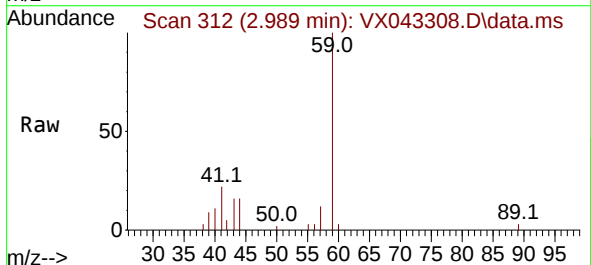


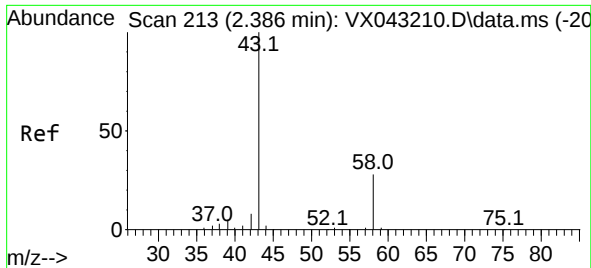
Tgt Ion:168 Resp: 87526
Ion Ratio Lower Upper
168 100
99 67.6 49.7 74.5



#11
Tert butyl alcohol
Concen: 30.355 ug/l
RT: 2.989 min Scan# 312
Delta R.T. -0.006 min
Lab File: VX043308.D
Acq: 07 Oct 2024 12:39

Tgt Ion: 59 Resp: 8257
Ion Ratio Lower Upper
59 100
57 11.5 8.6 13.0

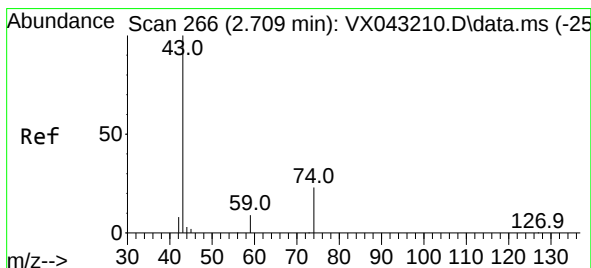
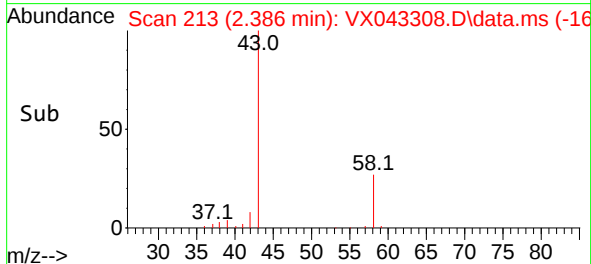
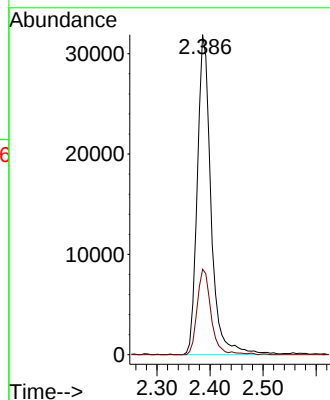
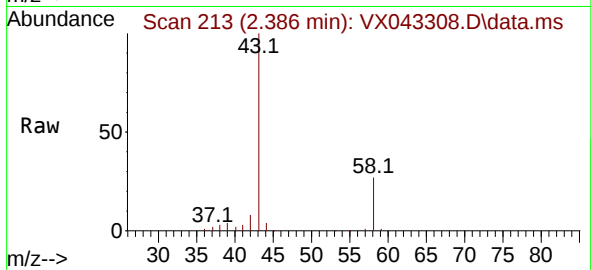




#16
Acetone
Concen: 96.250 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX043308.D
Acq: 07 Oct 2024 12:39

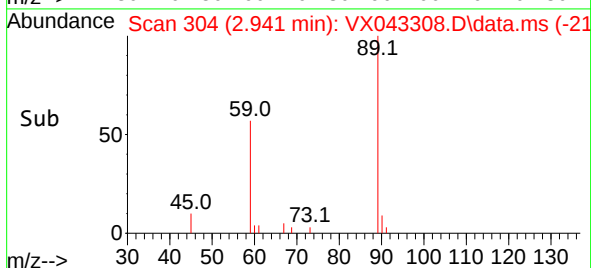
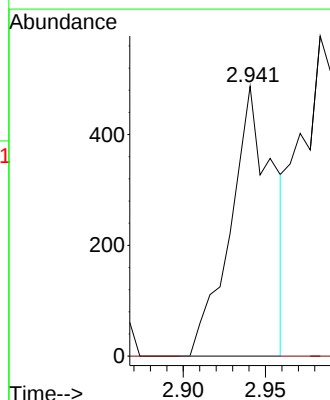
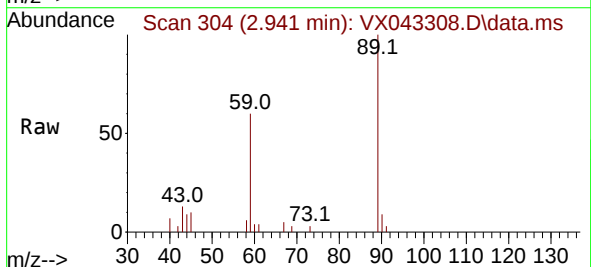
Instrument :
MSVOA_X
ClientSampleId :

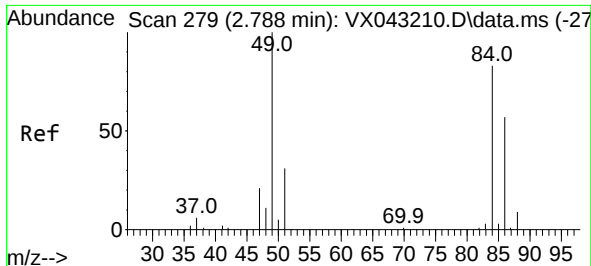
Tgt Ion: 43 Resp: 57456
Ion Ratio Lower Upper
43 100
58 26.7 22.6 33.8



#18
Methyl Acetate
Concen: 0.579 ug/l
RT: 2.941 min Scan# 304
Delta R.T. 0.232 min
Lab File: VX043308.D
Acq: 07 Oct 2024 12:39

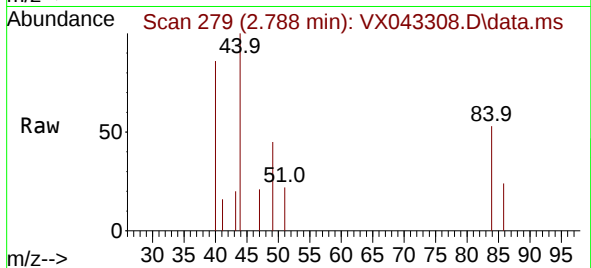
Tgt Ion: 43 Resp: 867
Ion Ratio Lower Upper
43 100
74 0.0 19.1 28.7#



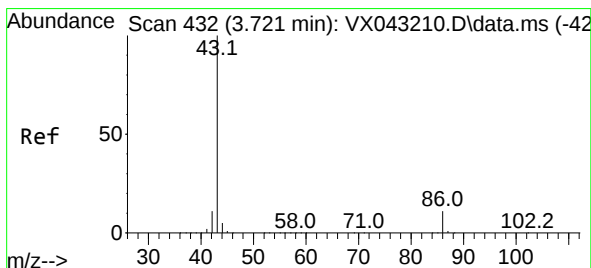
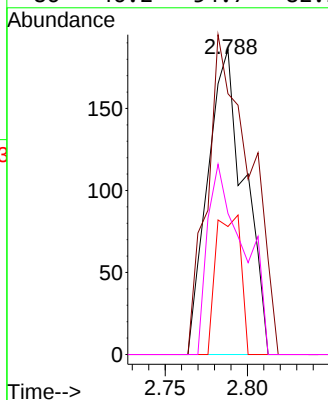
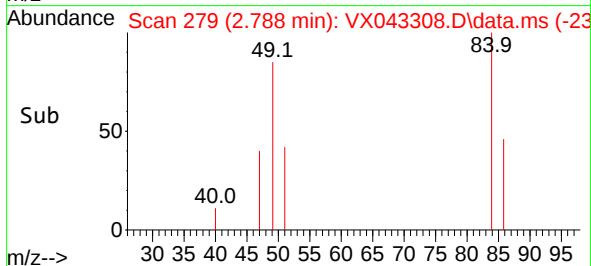


#20
Methylene Chloride
Concen: 0.263 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX043308.D
Acq: 07 Oct 2024 12:39

Instrument :
MSVOA_X
ClientSampleId :

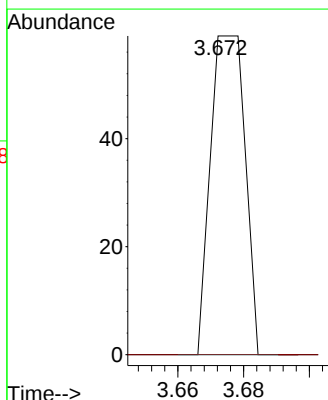
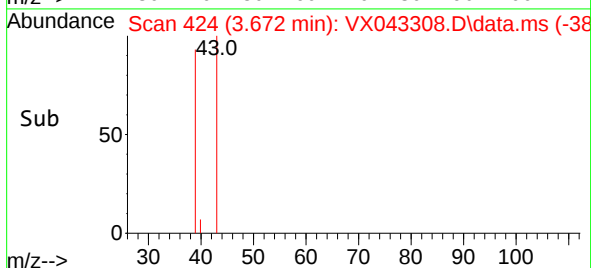
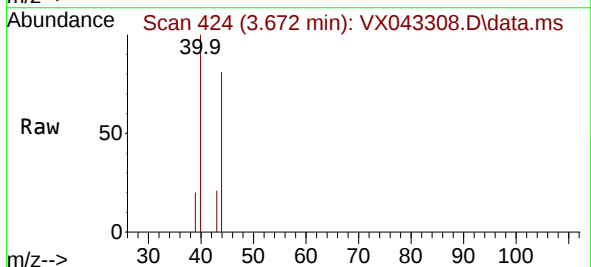


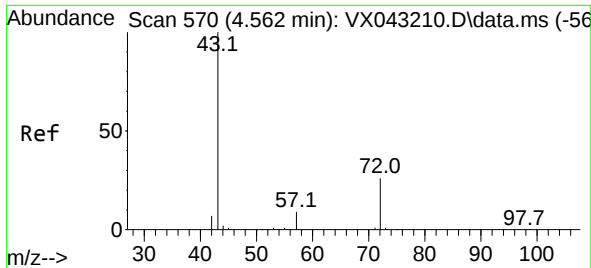
Tgt Ion:	84	Resp:	289
Ion	Ratio	Lower	Upper
84	100		
49	85.5	96.7	145.1#
51	41.9	30.4	45.6
86	46.2	54.7	82.1#



#23
Vinyl Acetate
Concen: 6.351 ug/l
RT: 3.672 min Scan# 424
Delta R.T. -0.049 min
Lab File: VX043308.D
Acq: 07 Oct 2024 12:39

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

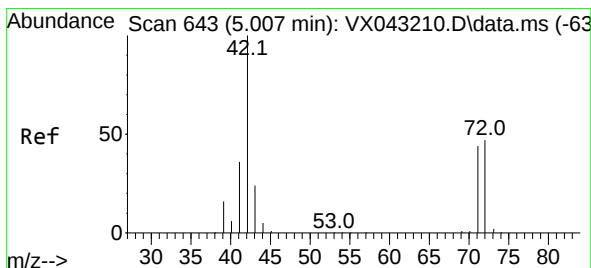
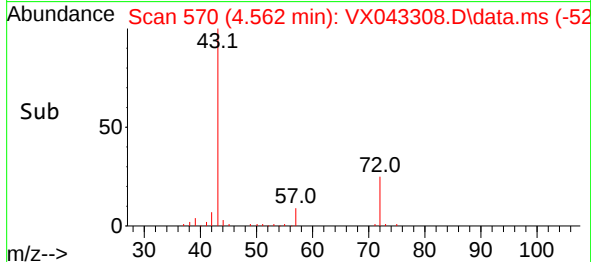
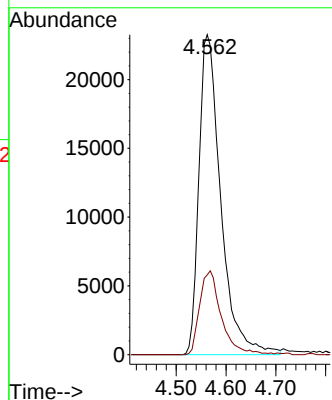
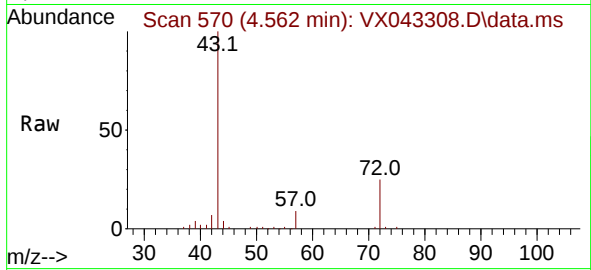




#25
2-Butanone
Concen: 86.517 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.000 min
Lab File: VX043308.D
Acq: 07 Oct 2024 12:39

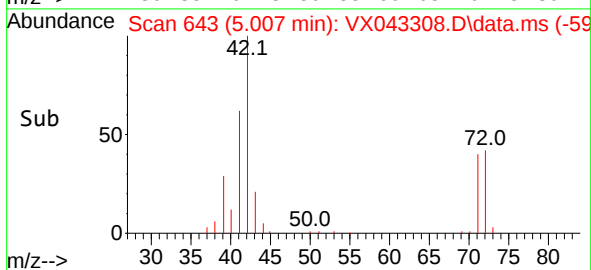
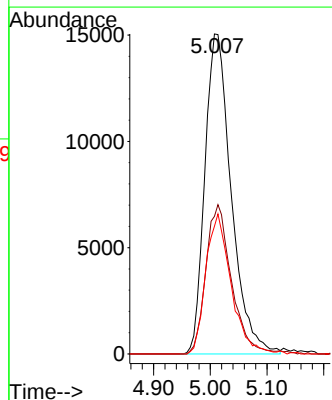
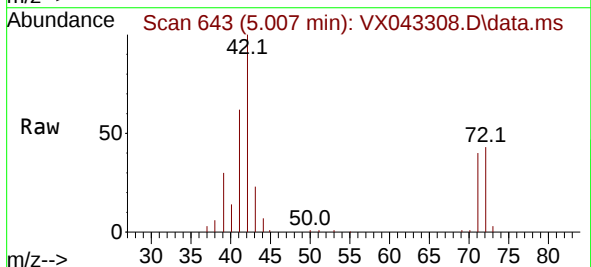
Instrument :
MSVOA_X
ClientSampleId :

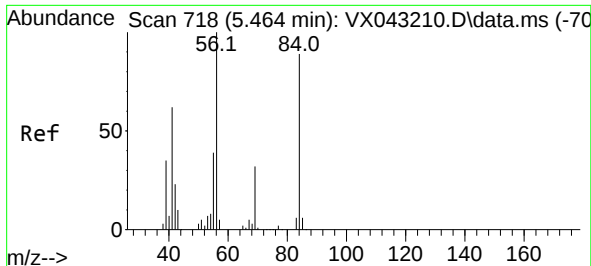
Tgt Ion: 43 Resp: 70813
Ion Ratio Lower Upper
43 100
72 25.0 20.6 31.0



#29
Tetrahydrofuran
Concen: 93.538 ug/l
RT: 5.007 min Scan# 643
Delta R.T. 0.000 min
Lab File: VX043308.D
Acq: 07 Oct 2024 12:39

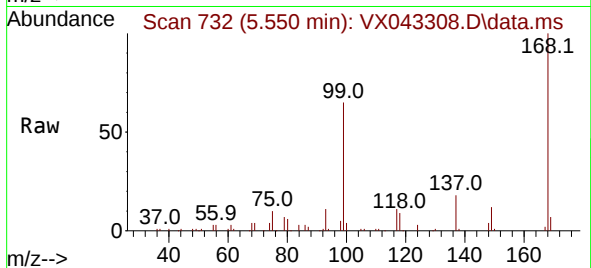
Tgt Ion: 42 Resp: 48772
Ion Ratio Lower Upper
42 100
72 45.0 37.7 56.5
71 41.9 34.6 52.0



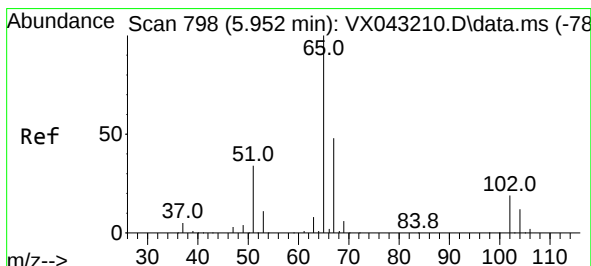
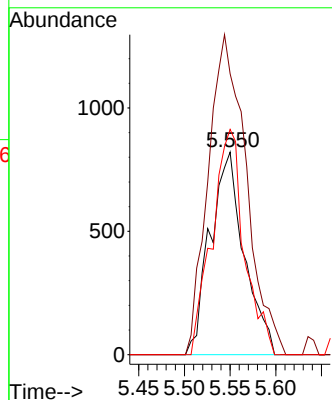
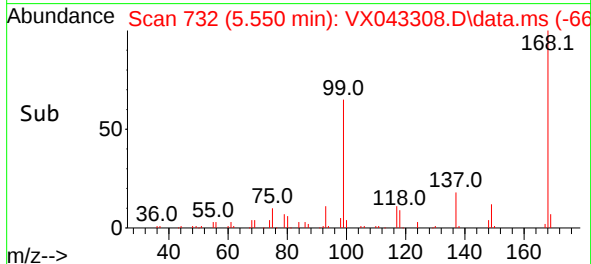


#31
Cyclohexane
Concen: 1.378 ug/l
RT: 5.550 min Scan# 718
Delta R.T. 0.085 min
Lab File: VX043308.D
Acq: 07 Oct 2024 12:39

Instrument :
MSVOA_X
ClientSampleId :

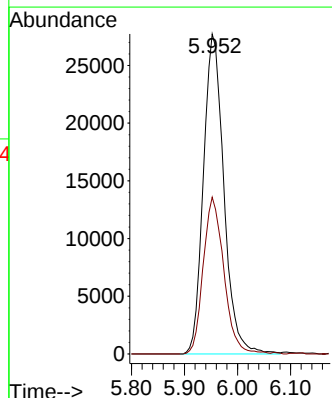
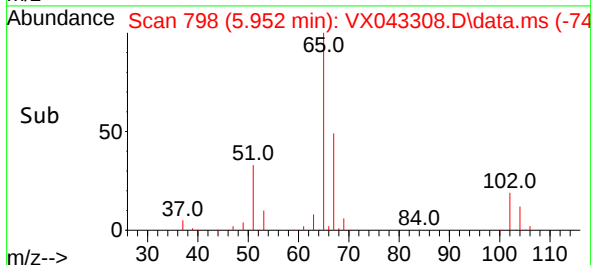
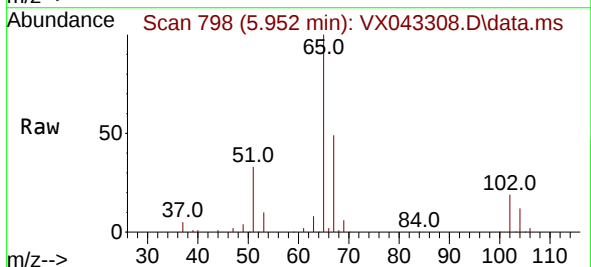


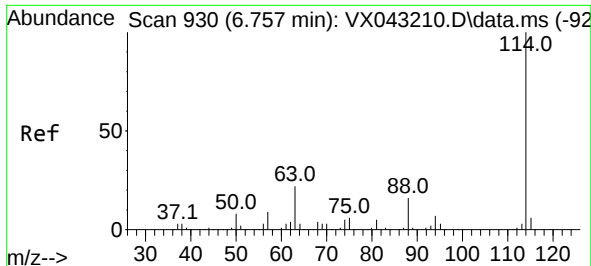
Tgt Ion: 56 Resp: 2126
Ion Ratio Lower Upper
56 100
69 138.7 25.8 38.6#
84 111.2 71.1 106.7#



#33
1,2-Dichloroethane-d4
Concen: 51.989 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX043308.D
Acq: 07 Oct 2024 12:39

Tgt Ion: 65 Resp: 74315
Ion Ratio Lower Upper
65 100
67 49.3 0.0 99.0

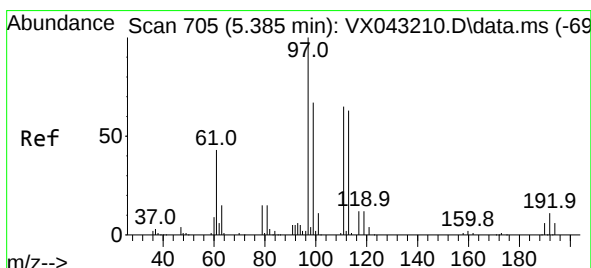
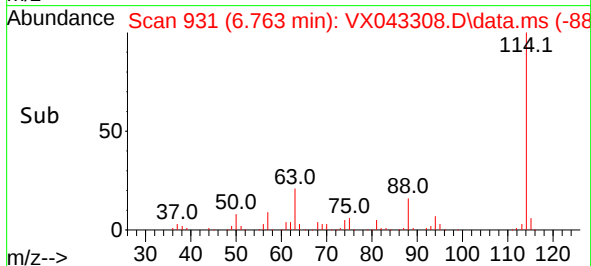
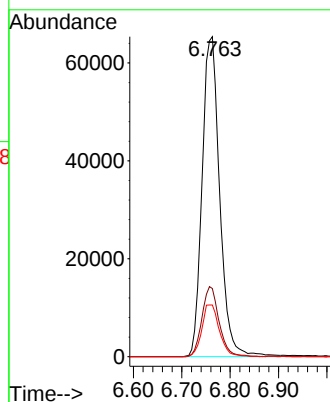
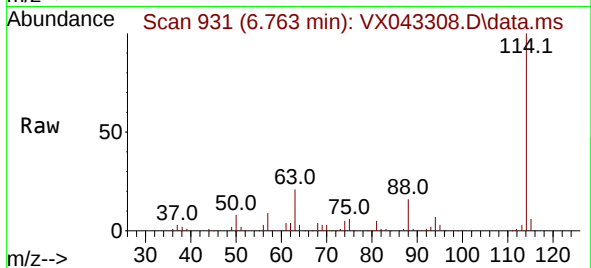




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX043308.D
Acq: 07 Oct 2024 12:39

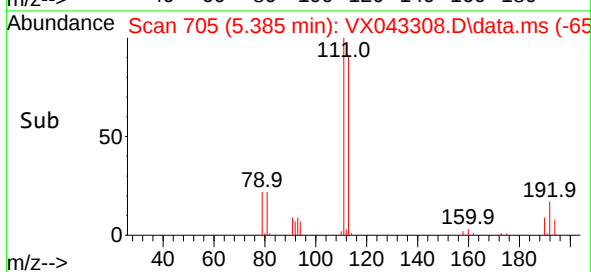
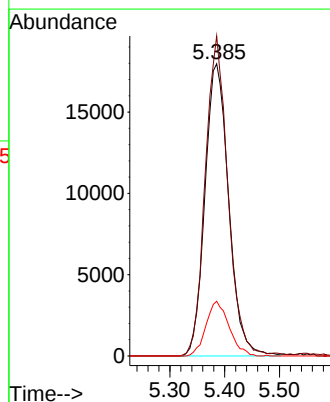
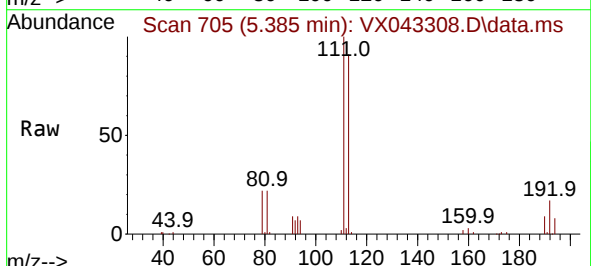
Instrument :
MSVOA_X
ClientSampleId :

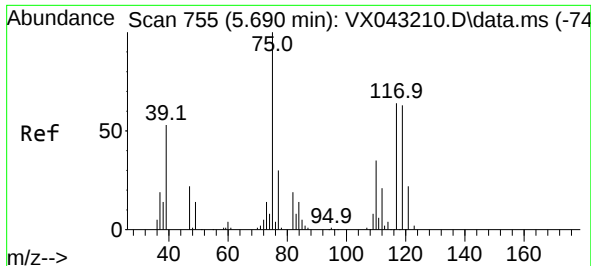
Tgt Ion:114 Resp: 165293
Ion Ratio Lower Upper
114 100
63 21.3 0.0 43.0
88 16.1 0.0 33.0



#35
Dibromofluoromethane
Concen: 47.512 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX043308.D
Acq: 07 Oct 2024 12:39

Tgt Ion:113 Resp: 54160
Ion Ratio Lower Upper
113 100
111 103.8 83.4 125.0
192 18.1 14.1 21.1





#36

1,1-Dichloropropene

Concen: 5.512 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.140 min

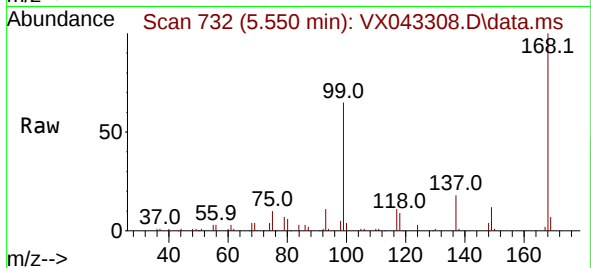
Lab File: VX043308.D

Acq: 07 Oct 2024 12:39

Instrument :

MSVOA_X

ClientSampleId :



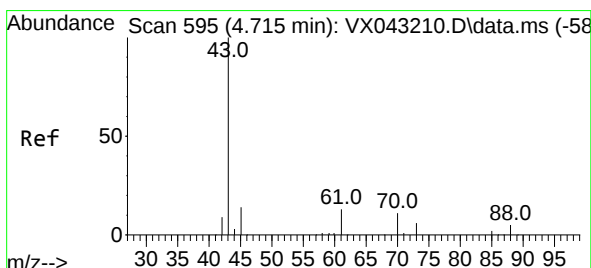
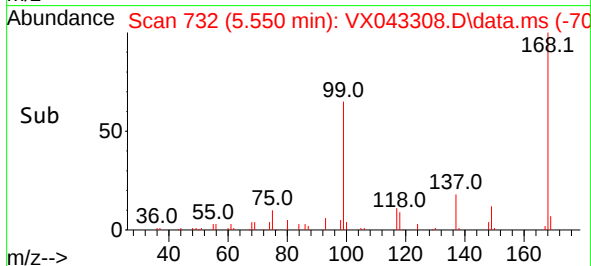
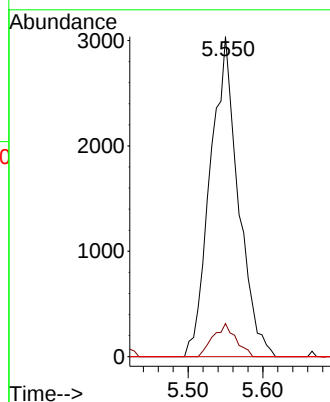
Tgt Ion: 75 Resp: 7938

Ion Ratio Lower Upper

75 100

110 8.3 17.8 53.3#

77 0.0 24.9 37.3#



#37

Ethyl Acetate

Concen: 40.947 ug/l

RT: 4.562 min Scan# 570

Delta R.T. -0.152 min

Lab File: VX043308.D

Acq: 07 Oct 2024 12:39

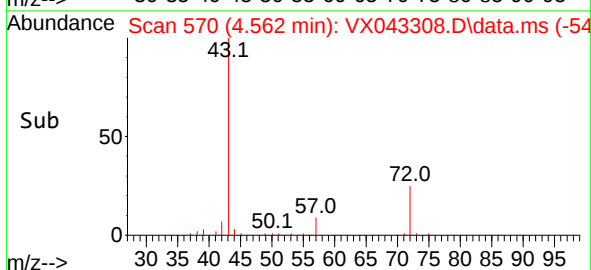
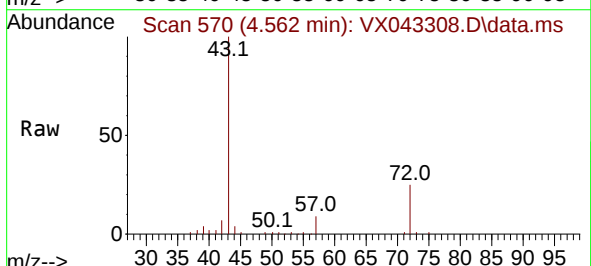
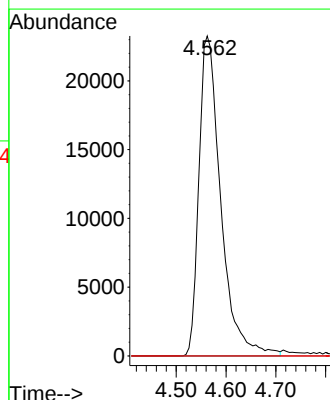
Tgt Ion: 43 Resp: 70813

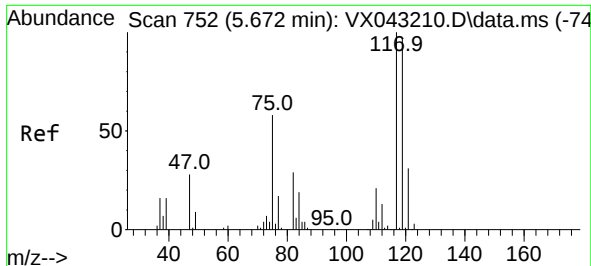
Ion Ratio Lower Upper

43 100

61 0.0 11.0 16.4#

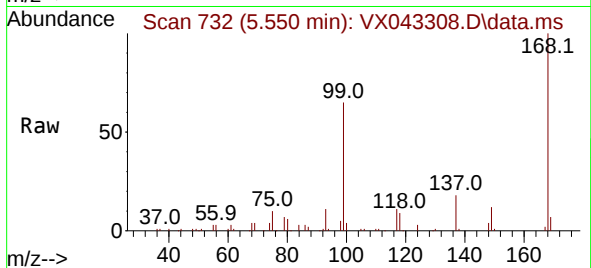
70 0.0 8.9 13.3#



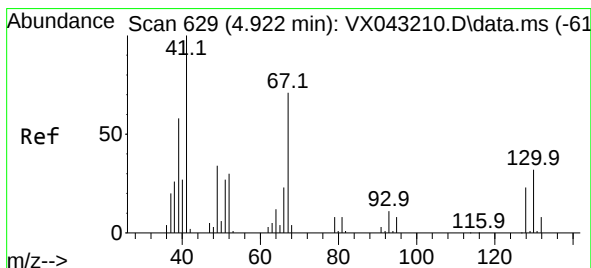
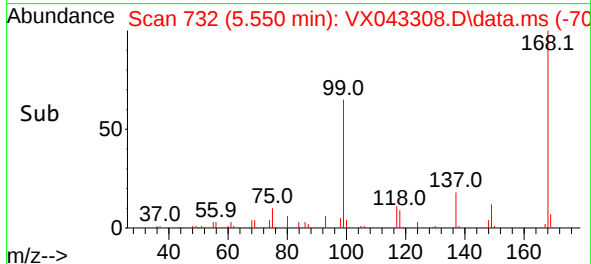
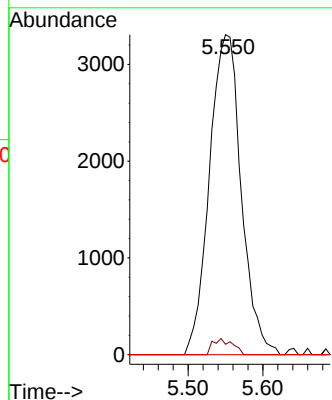


#38
Carbon Tetrachloride
Concen: 5.744 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX043308.D
Acq: 07 Oct 2024 12:39

Instrument :
MSVOA_X
ClientSampleId :

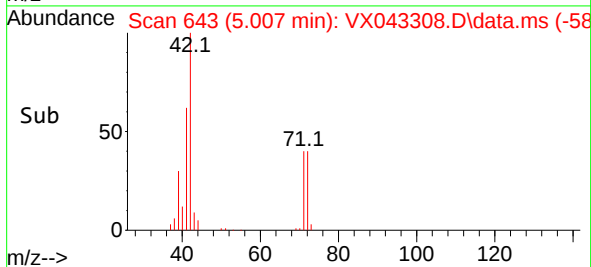
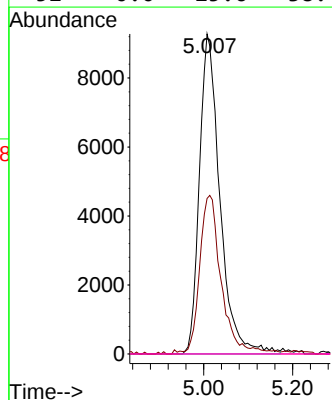
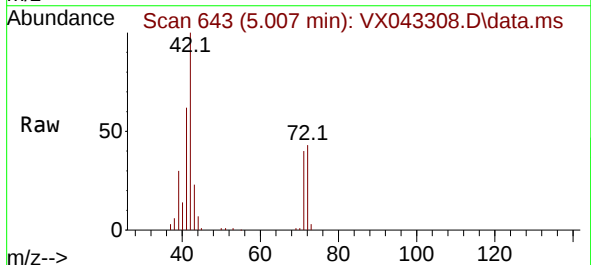


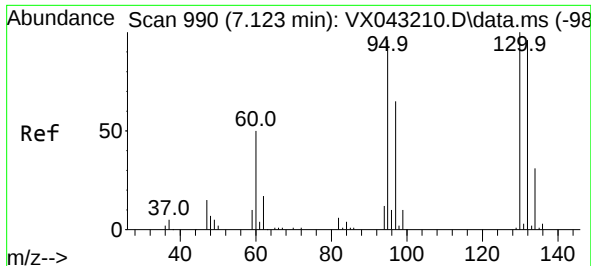
Tgt Ion:117 Resp: 9793
Ion Ratio Lower Upper
117 100
119 3.2 77.7 116.5#
121 0.0 24.3 36.5#



#41
Methacrylonitrile
Concen: 33.051 ug/l
RT: 5.007 min Scan# 643
Delta R.T. 0.085 min
Lab File: VX043308.D
Acq: 07 Oct 2024 12:39

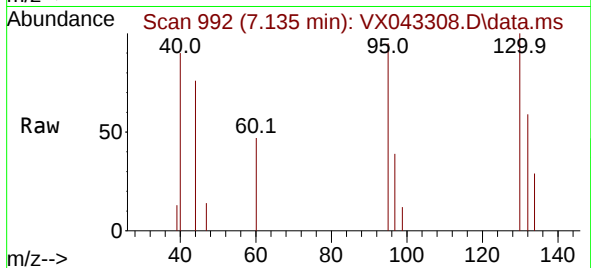
Tgt Ion: 41 Resp: 29753
Ion Ratio Lower Upper
41 100
39 48.5 45.0 67.4
67 0.0 56.0 84.0#
52 0.0 25.6 38.4#



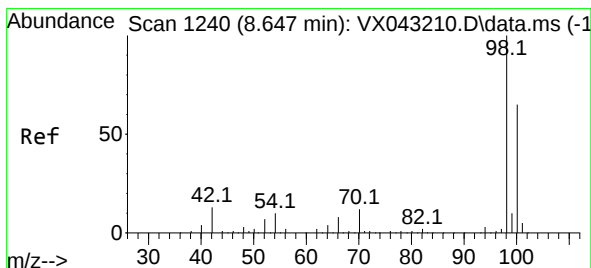
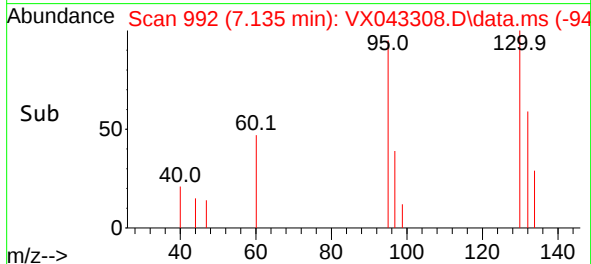
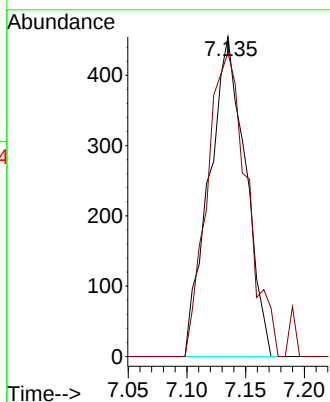


#44
Trichloroethene
Concen: 0.847 ug/l
RT: 7.135 min Scan# 990
Delta R.T. 0.012 min
Lab File: VX043308.D
Acq: 07 Oct 2024 12:39

Instrument :
MSVOA_X
ClientSampleId :

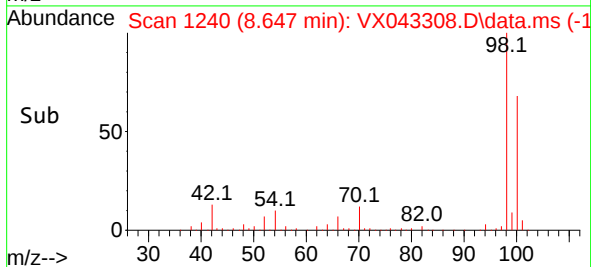
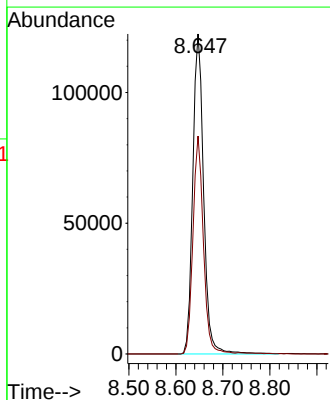
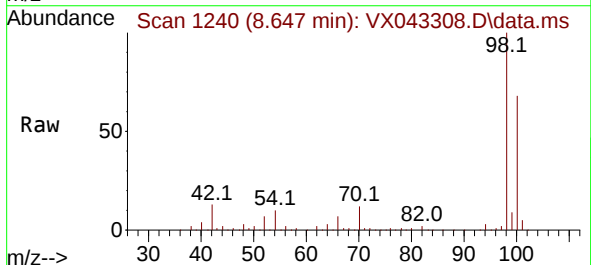


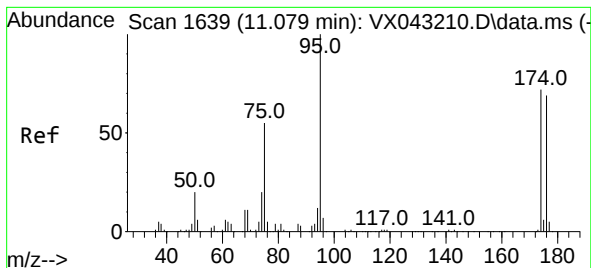
Tgt Ion:130 Resp: 981
Ion Ratio Lower Upper
130 100
95 94.9 0.0 192.2



#50
Toluene-d8
Concen: 50.091 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX043308.D
Acq: 07 Oct 2024 12:39

Tgt Ion: 98 Resp: 197876
Ion Ratio Lower Upper
98 100
100 65.3 52.4 78.6

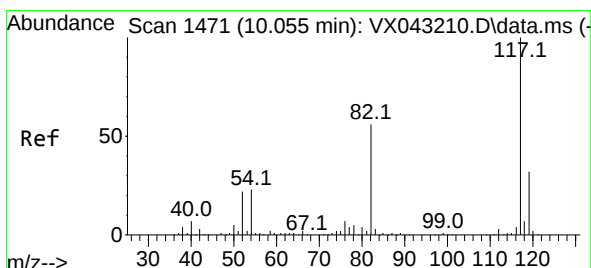
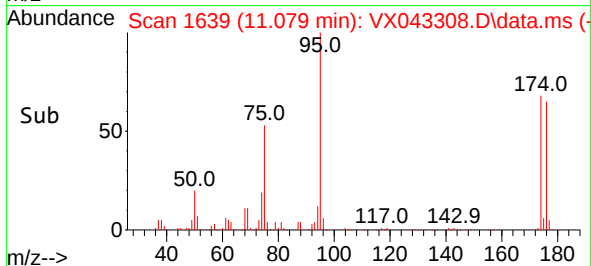
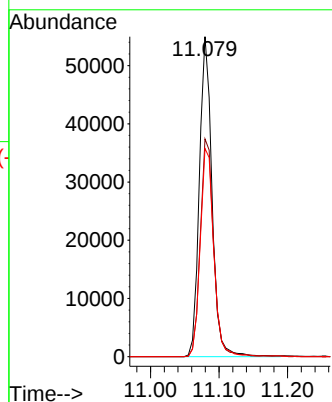
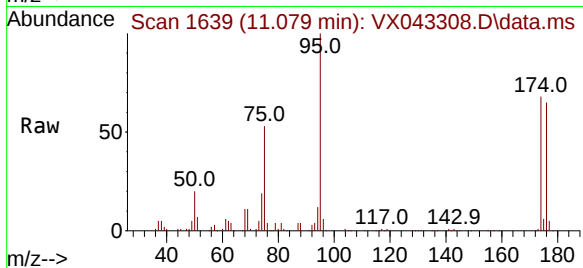




#62
4-Bromofluorobenzene
Concen: 49.376 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX043308.D
Acq: 07 Oct 2024 12:39

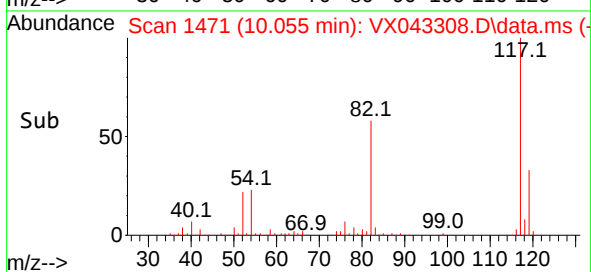
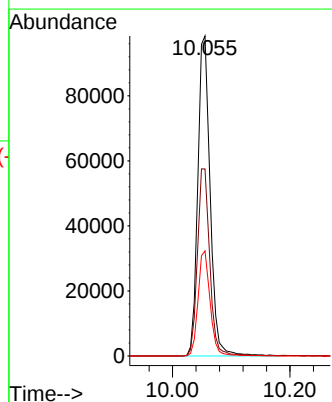
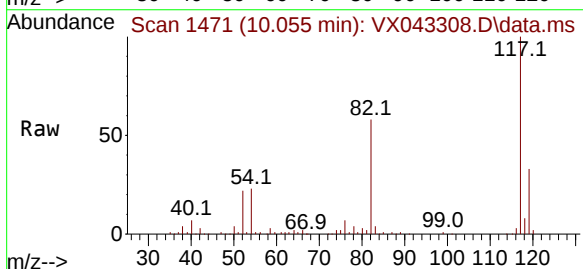
Instrument :
MSVOA_X
ClientSampleId :

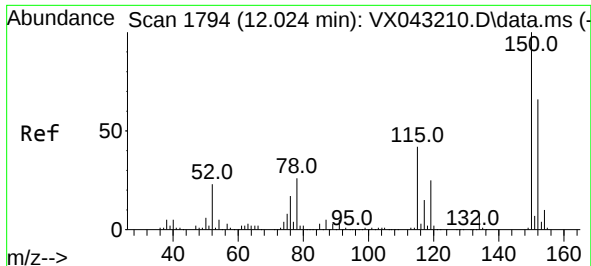
Tgt Ion: 95 Resp: 70861
Ion Ratio Lower Upper
95 100
174 71.7 0.0 145.0
176 69.5 0.0 143.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX043308.D
Acq: 07 Oct 2024 12:39

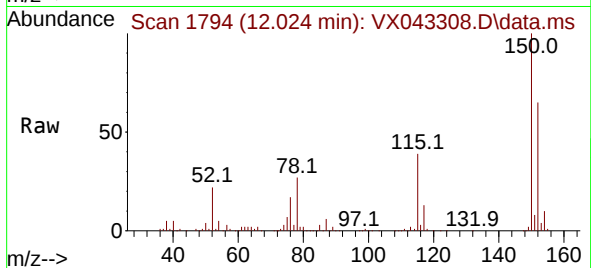
Tgt Ion: 117 Resp: 143778
Ion Ratio Lower Upper
117 100
82 58.5 45.0 67.6
119 32.9 25.3 37.9



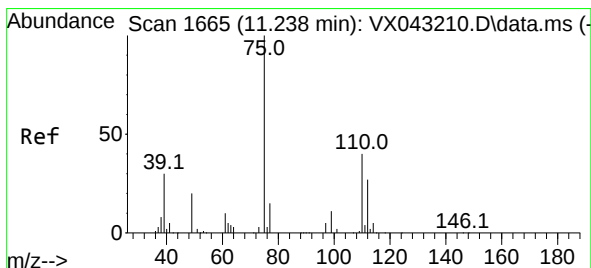
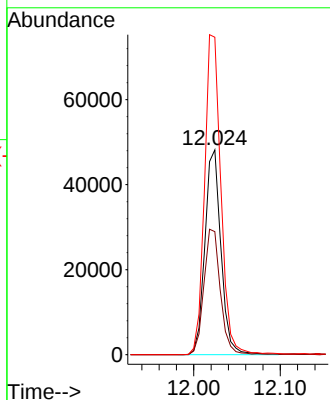
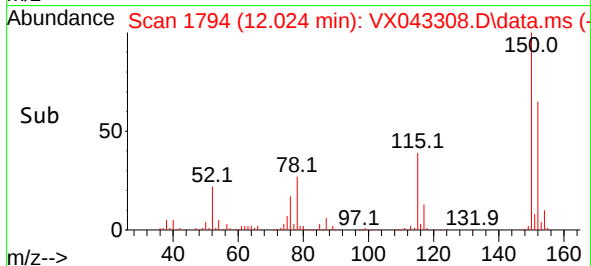


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX043308.D
Acq: 07 Oct 2024 12:39

Instrument :
MSVOA_X
ClientSampleId :

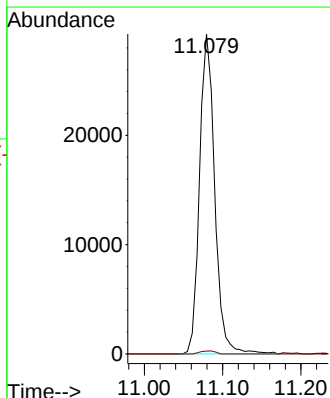
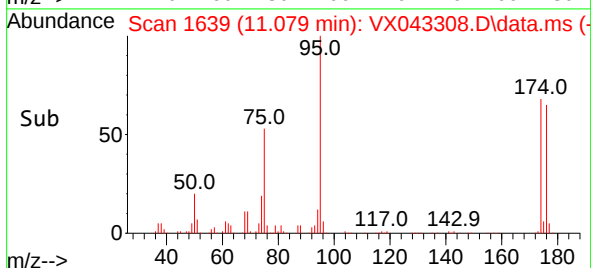
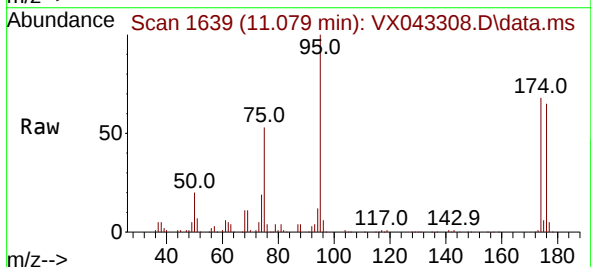


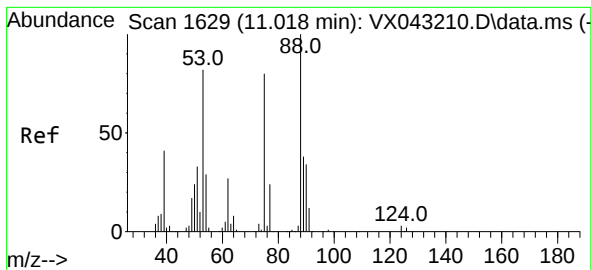
Tgt Ion:152 Resp: 62211
Ion Ratio Lower Upper
152 100
115 62.7 44.1 132.3
150 159.2 0.0 347.4



#76
1,2,3-Trichloropropane
Concen: 28.556 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX043308.D
Acq: 07 Oct 2024 12:39

Tgt Ion: 75 Resp: 39404
Ion Ratio Lower Upper
75 100
77 0.9 22.0 66.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 74.006 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX043308.D
 Acq: 07 Oct 2024 12:39

Instrument :
 MSVOA_X
 ClientSampleId :

Tgt Ion: 75 Resp: 39404
 Ion Ratio Lower Upper
 75 100
 53 0.0 83.9 125.9#
 89 0.0 38.6 58.0#

