

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021125\
 Data File : VX044894.D
 Acq On : 11 Feb 2025 10:37
 Operator : JC/MD
 Sample : VX0211MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 12 02:37:25 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 11 03:41:08 2025
 Response via : Initial Calibration

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

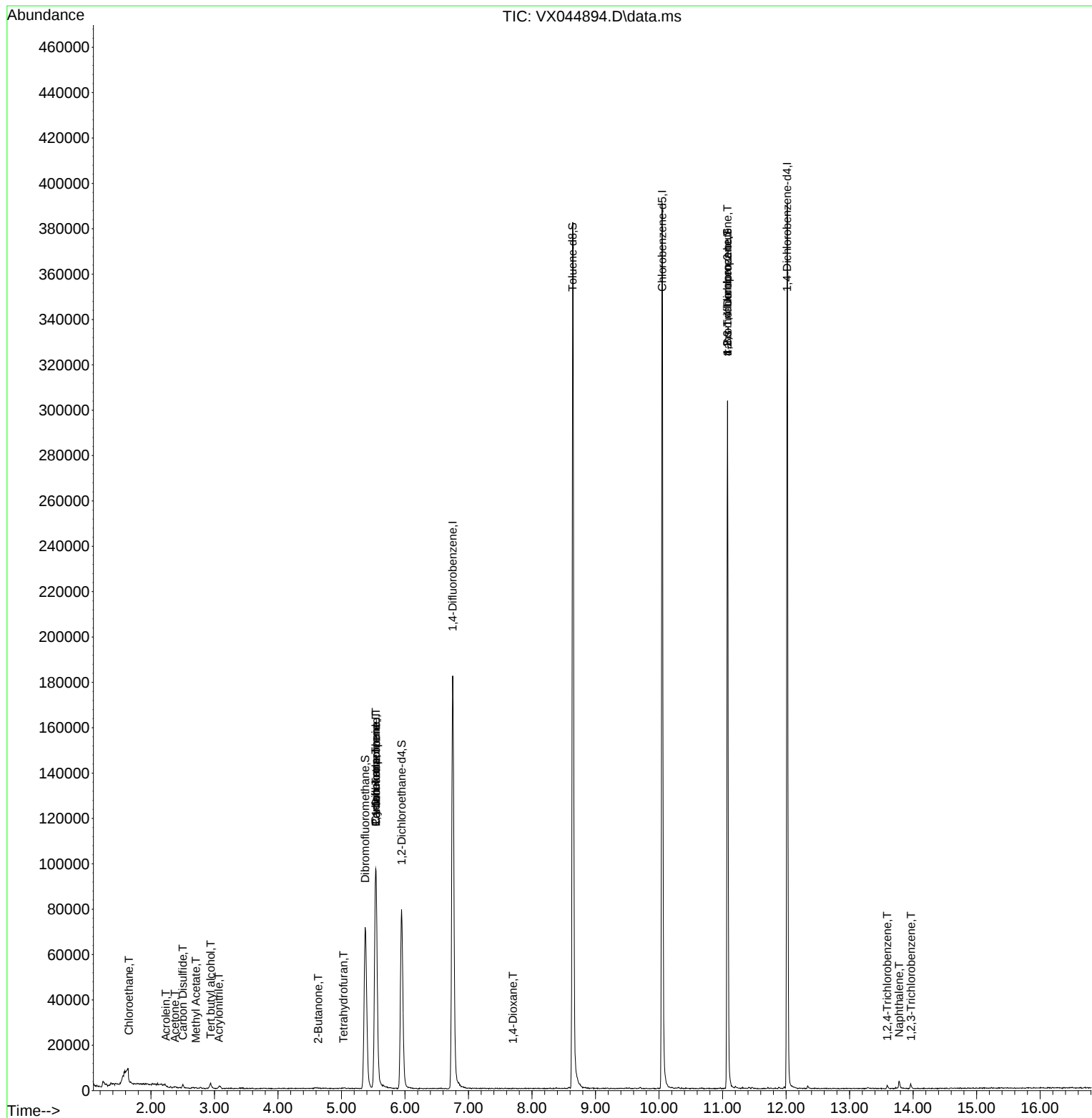
Internal Standards						
1) Pentafluorobenzene	5.544	168	95130	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	194708	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	173325	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	75089	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	73710	52.932	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 105.860%	
35) Dibromofluoromethane	5.373	113	63297	50.001	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.000%	
50) Toluene-d8	8.641	98	238878	49.902	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.800%	
62) 4-Bromofluorobenzene	11.079	95	83411	51.686	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 103.380%	
Target Compounds						
					Qvalue	
6) Chloroethane	1.654	64	222	1.632	ug/l #	42
11) Tert butyl alcohol	2.940	59	1273	4.928	ug/l #	73
13) Acrolein	2.233	56	296	1.111	ug/l	100
15) Acrylonitrile	3.068	53	597	0.866	ug/l #	25
16) Acetone	2.380	43	721	1.288	ug/l #	72
17) Carbon Disulfide	2.501	76	1855	0.552	ug/l #	80
18) Methyl Acetate	2.709	43	409	0.232	ug/l #	52
25) 2-Butanone	4.635	43	298	0.328	ug/l #	48
29) Tetrahydrofuran	5.031	42	313	0.519	ug/l #	33
31) Cyclohexane	5.537	56	2313	1.070	ug/l #	9
36) 1,1-Dichloropropene	5.544	75	8302	4.546	ug/l #	50
38) Carbon Tetrachloride	5.544	117	10147	5.669	ug/l #	15
49) 1,4-Dioxane	7.702	88	42	1.266	ug/l #	62
76) 1,2,3-Trichloropropane	11.079	75	43801	26.310	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	43801	67.678	ug/l #	11
93) 1,2,4-Trichlorobenzene	13.591	180	609	0.406	ug/l	88
95) Naphthalene	13.780	128	3633	0.670	ug/l #	91
96) 1,2,3-Trichlorobenzene	13.969	180	676	0.448	ug/l	94

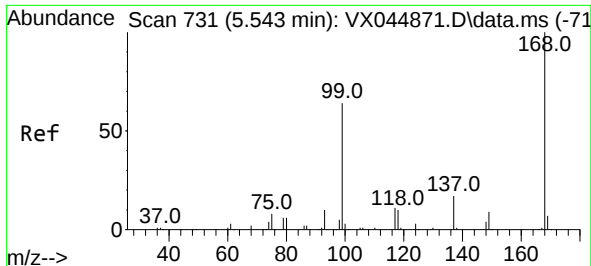
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

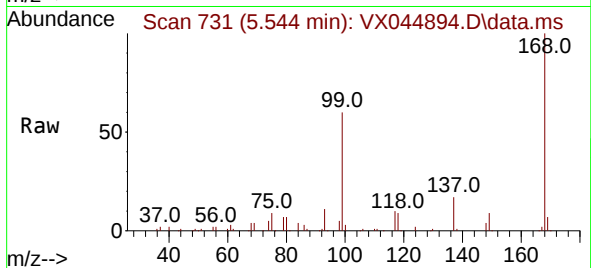
Quant Time: Feb 12 02:37:25 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 11 03:41:08 2025
Response via : Initial Calibration



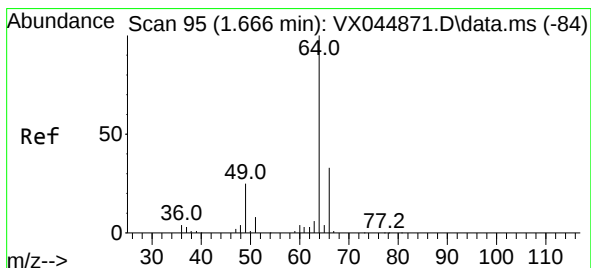
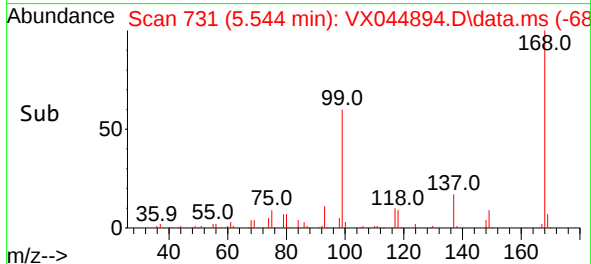
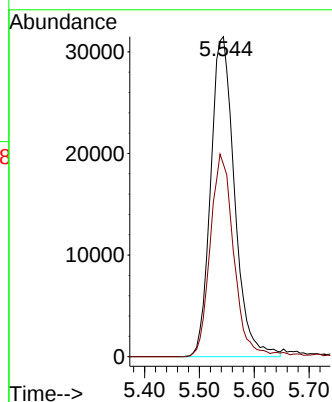


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX044894.D
Acq: 11 Feb 2025 10:37

Instrument :
MSVOA_X
ClientSampleId :

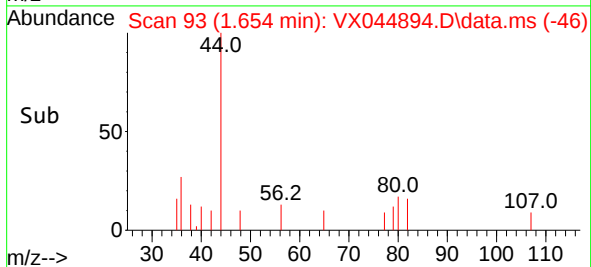
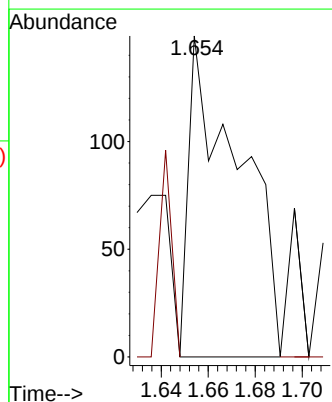
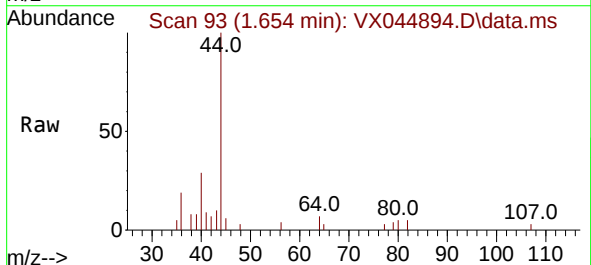


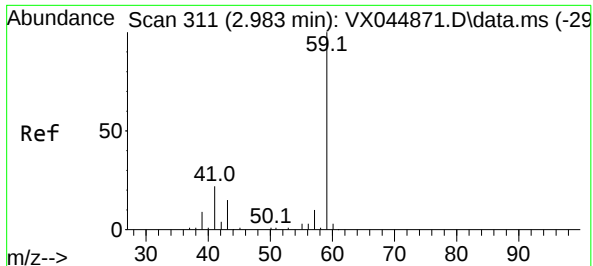
Tgt Ion:168 Resp: 95130
Ion Ratio Lower Upper
168 100
99 60.2 51.2 76.8



#6
Chloroethane
Concen: 1.632 ug/l
RT: 1.654 min Scan# 93
Delta R.T. -0.012 min
Lab File: VX044894.D
Acq: 11 Feb 2025 10:37

Tgt Ion: 64 Resp: 222
Ion Ratio Lower Upper
64 100
66 0.0 25.9 38.9#

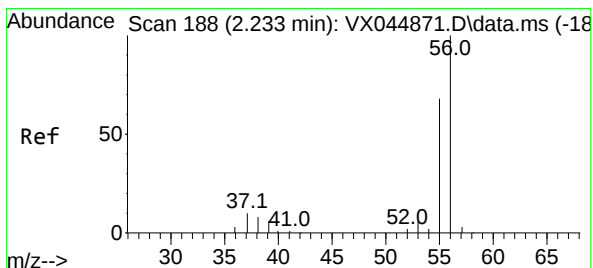
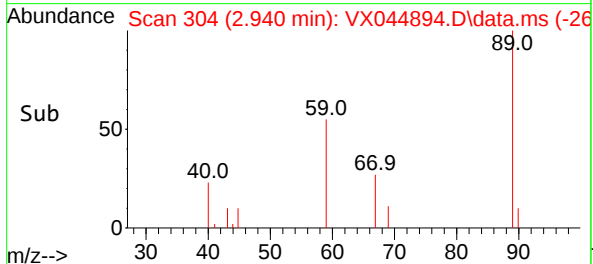
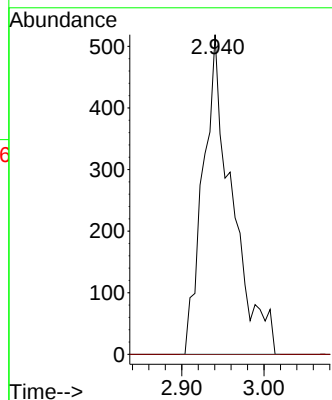
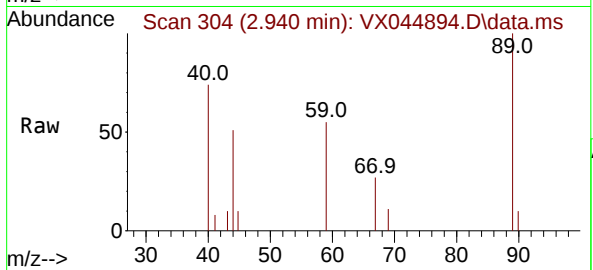




#11
Tert butyl alcohol
Concen: 4.928 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.042 min
Lab File: VX044894.D
Acq: 11 Feb 2025 10:37

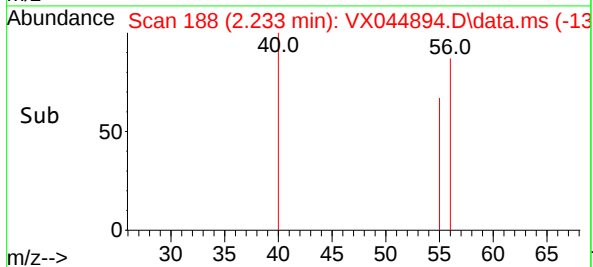
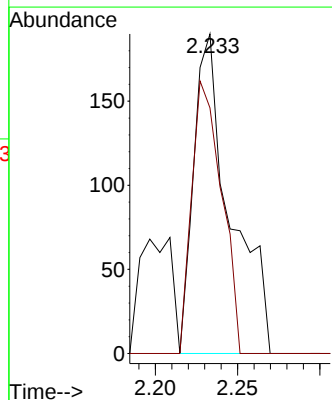
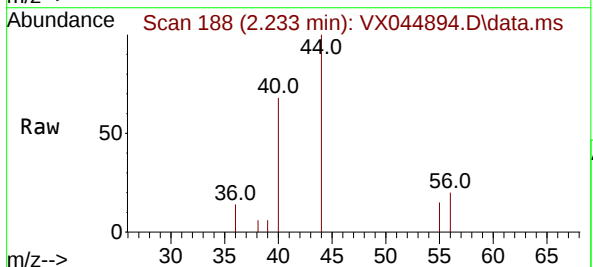
Instrument :
MSVOA_X
ClientSampleId :

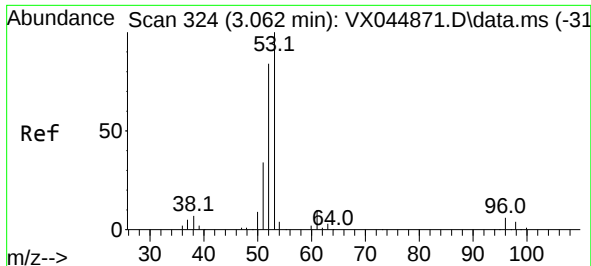
Tgt Ion: 59 Resp: 1273
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#



#13
Acrolein
Concen: 1.111 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX044894.D
Acq: 11 Feb 2025 10:37

Tgt Ion: 56 Resp: 296
Ion Ratio Lower Upper
56 100
55 69.3 55.7 83.5





#15

Acrylonitrile

Concen: 0.866 ug/l

RT: 3.068 min Scan# 31

Delta R.T. 0.006 min

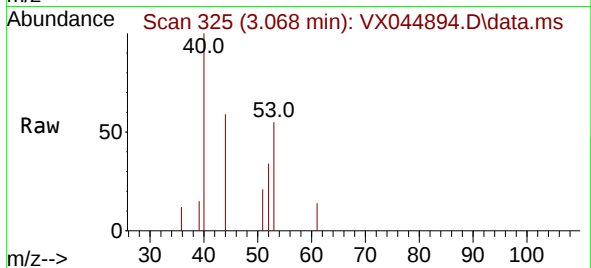
Lab File: VX044894.D

Acq: 11 Feb 2025 10:37

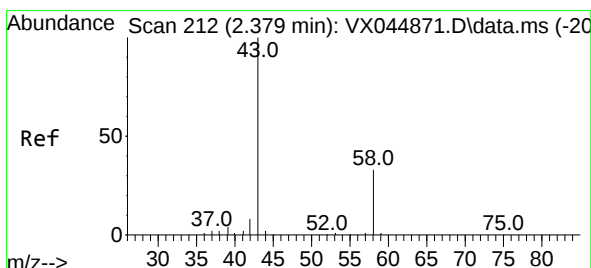
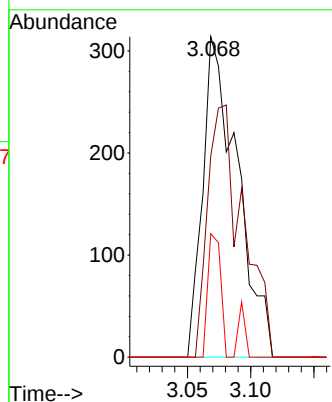
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 53	Resp:	597
Ion	Ratio	Lower Upper
53	100	
52	0.0	65.0 97.6#
51	14.2	28.0 42.0#



#16

Acetone

Concen: 1.288 ug/l

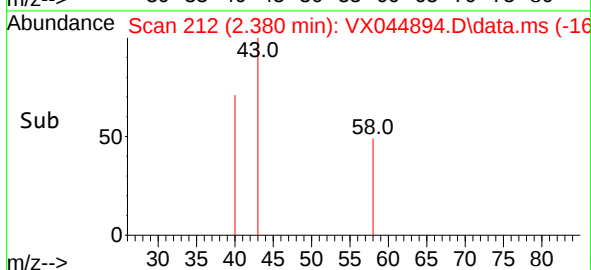
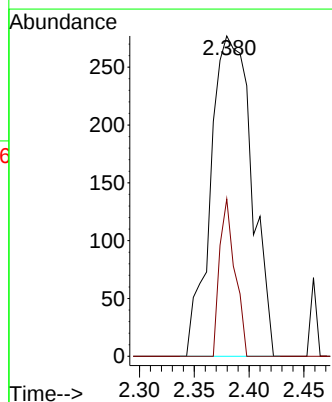
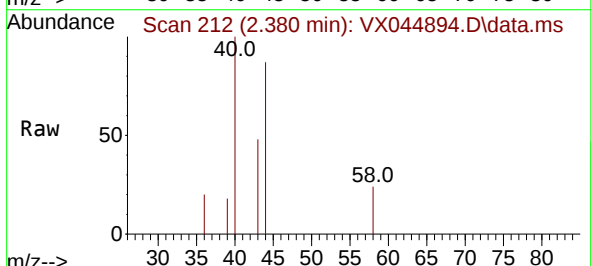
RT: 2.380 min Scan# 212

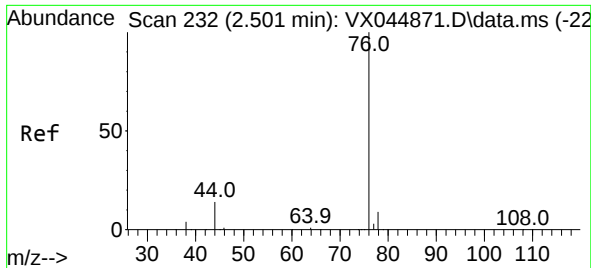
Delta R.T. 0.000 min

Lab File: VX044894.D

Acq: 11 Feb 2025 10:37

Tgt Ion: 43	Resp:	721
Ion	Ratio	Lower Upper
43	100	
58	49.1	26.5 39.7#





#17

Carbon Disulfide

Concen: 0.552 ug/l

RT: 2.501 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX044894.D

Acq: 11 Feb 2025 10:37

Instrument :

MSVOA_X

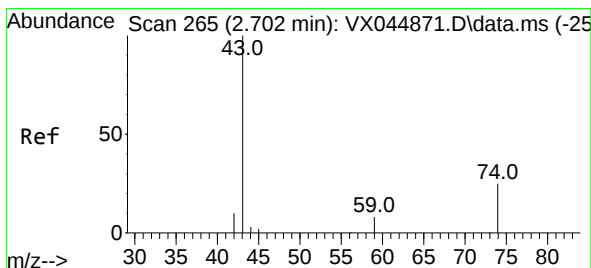
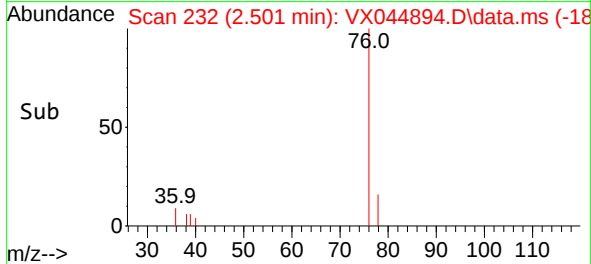
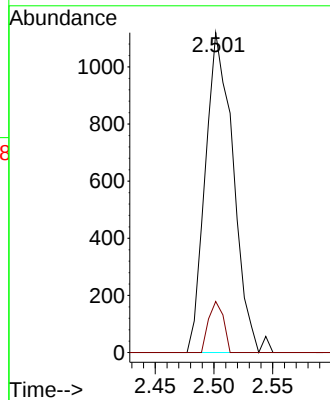
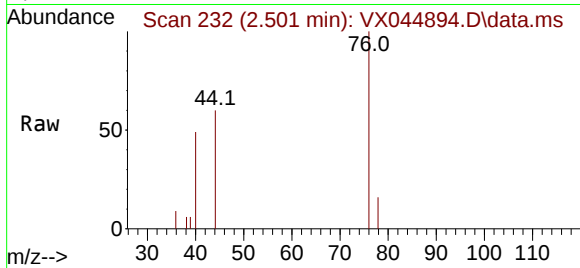
ClientSampleId :

Tgt Ion: 76 Resp: 1855

Ion Ratio Lower Upper

76 100

78 16.0 7.0 10.4#



#18

Methyl Acetate

Concen: 0.232 ug/l

RT: 2.709 min Scan# 266

Delta R.T. 0.006 min

Lab File: VX044894.D

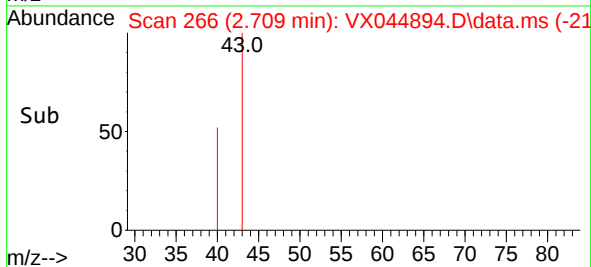
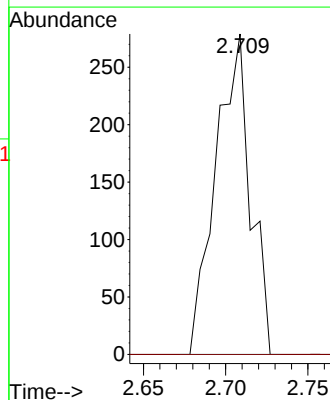
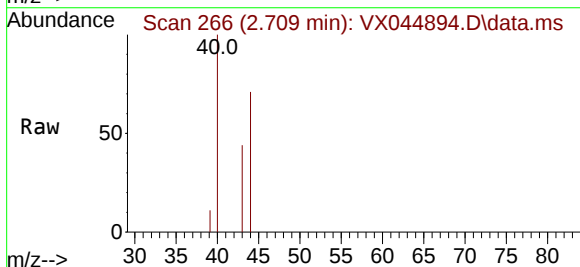
Acq: 11 Feb 2025 10:37

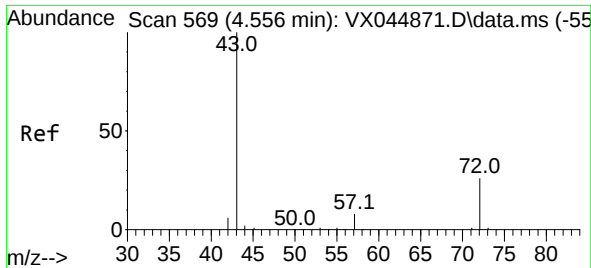
Tgt Ion: 43 Resp: 409

Ion Ratio Lower Upper

43 100

74 0.0 18.9 28.3#

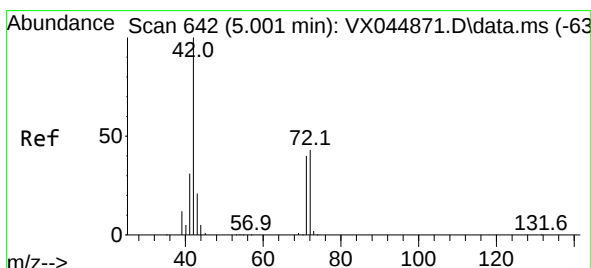
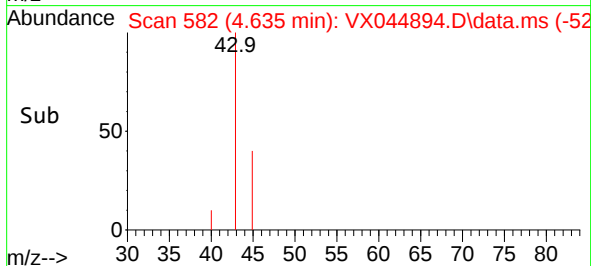
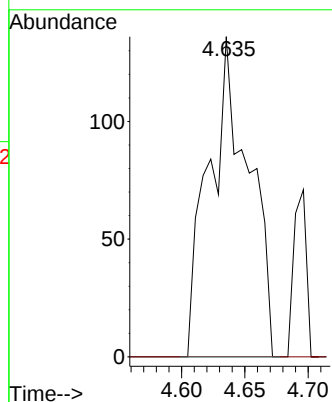
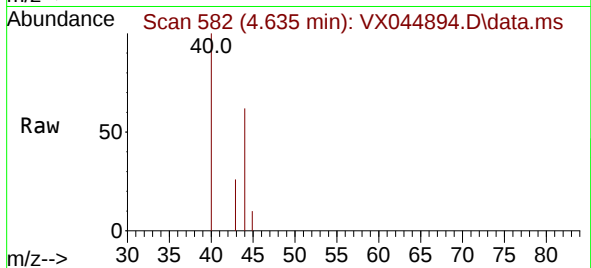




#25
2-Butanone
Concen: 0.328 ug/l
RT: 4.635 min Scan# 51
Delta R.T. 0.079 min
Lab File: VX044894.D
Acq: 11 Feb 2025 10:37

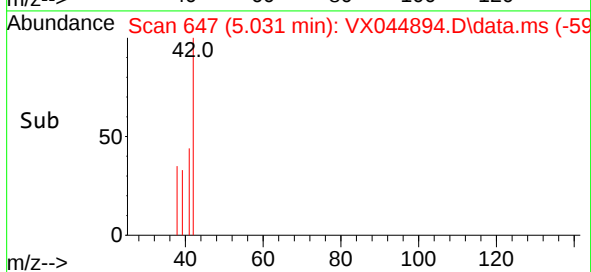
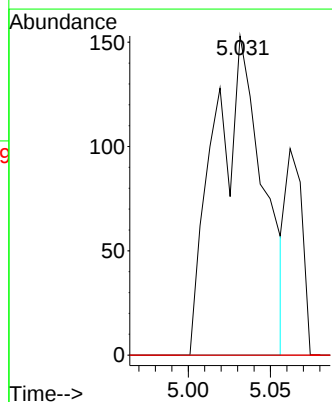
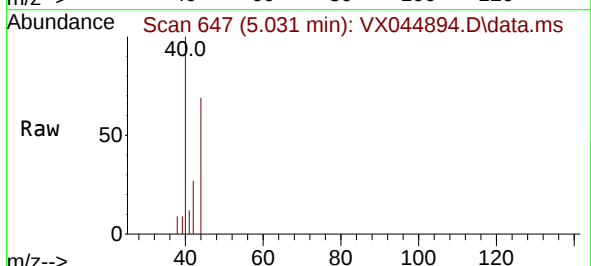
Instrument :
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ClientSampleId :

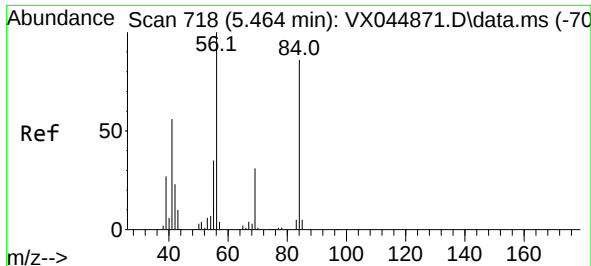
Tgt Ion: 43 Resp: 298
Ion Ratio Lower Upper
43 100
72 0.0 21.2 31.8#



#29
Tetrahydrofuran
Concen: 0.519 ug/l
RT: 5.031 min Scan# 647
Delta R.T. 0.031 min
Lab File: VX044894.D
Acq: 11 Feb 2025 10:37

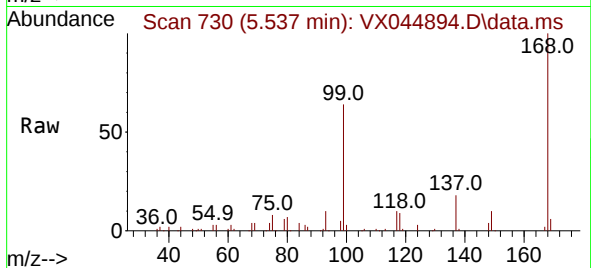
Tgt Ion: 42 Resp: 313
Ion Ratio Lower Upper
42 100
72 0.0 35.0 52.4#
71 0.0 32.6 48.8#



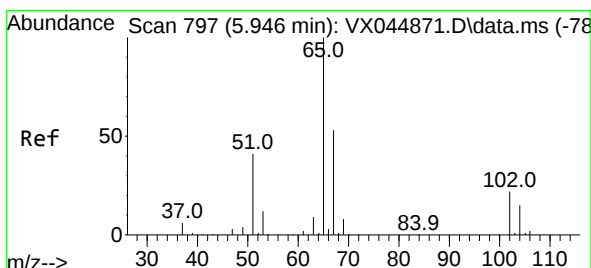
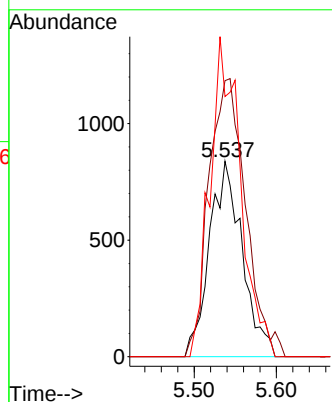
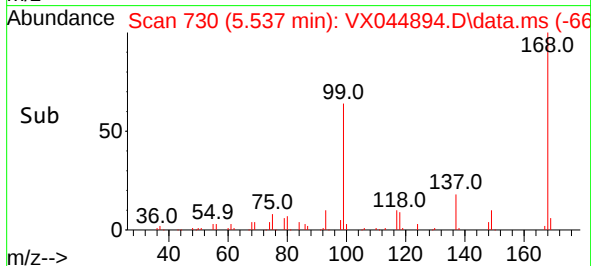


#31
Cyclohexane
Concen: 1.070 ug/l
RT: 5.537 min Scan# 718
Delta R.T. 0.073 min
Lab File: VX044894.D
Acq: 11 Feb 2025 10:37

Instrument :
MSVOA_X
ClientSampleId :

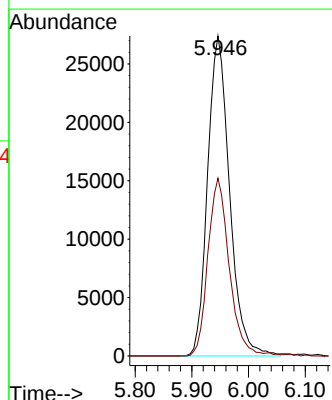
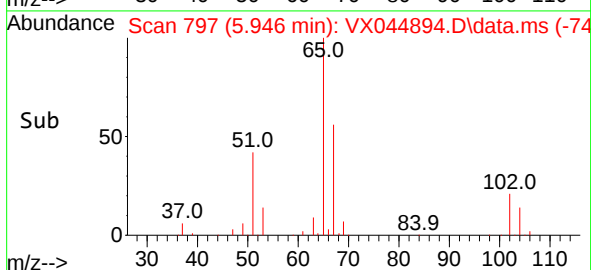
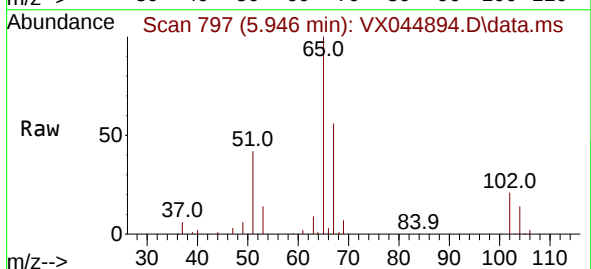


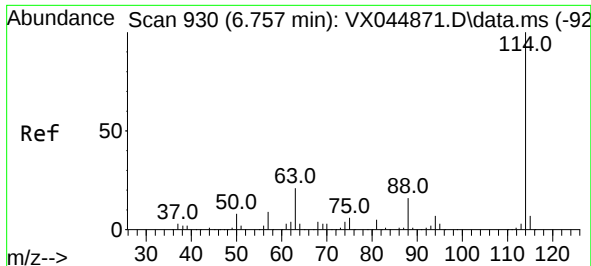
Tgt Ion: 56 Resp: 2313
Ion Ratio Lower Upper
56 100
69 141.3 24.4 36.6#
84 133.2 69.0 103.6#



#33
1,2-Dichloroethane-d4
Concen: 52.932 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.000 min
Lab File: VX044894.D
Acq: 11 Feb 2025 10:37

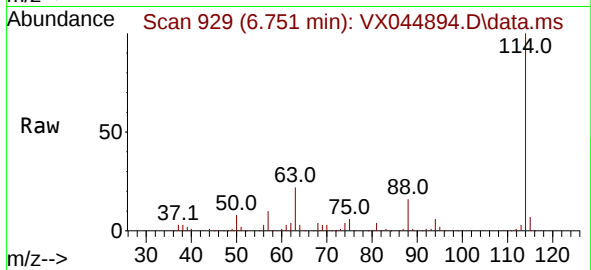
Tgt Ion: 65 Resp: 73710
Ion Ratio Lower Upper
65 100
67 54.1 0.0 108.2



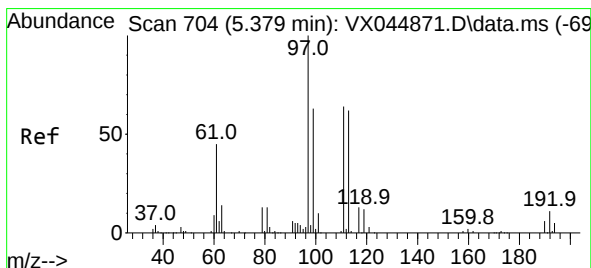
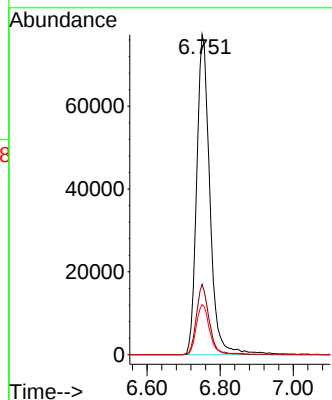
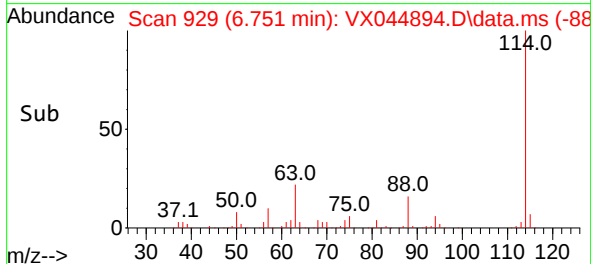


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX044894.D
Acq: 11 Feb 2025 10:37

Instrument :
MSVOA_X
ClientSampleId :

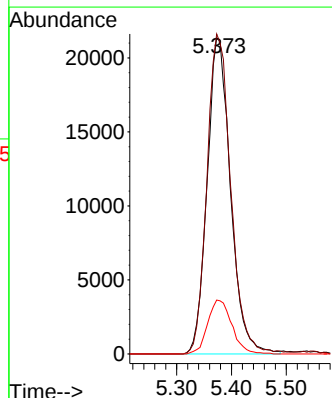
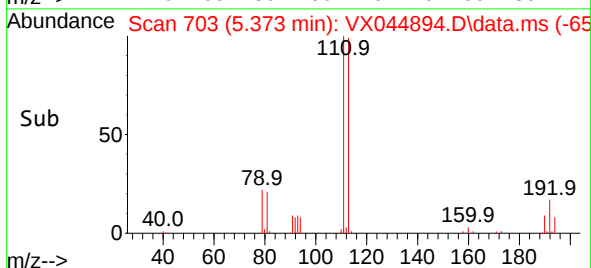
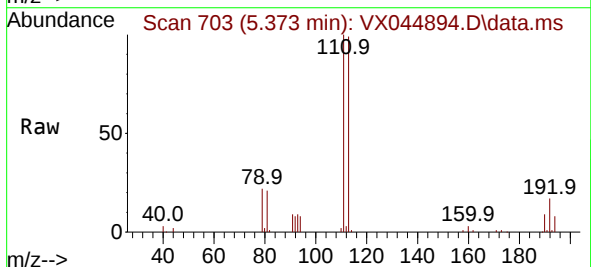


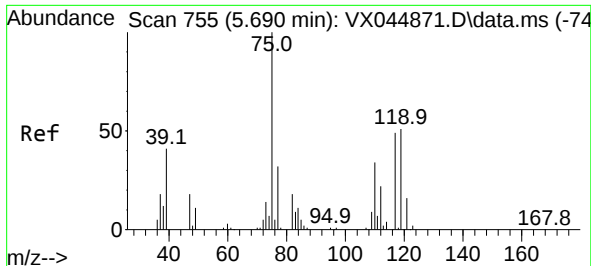
Tgt Ion:114 Resp: 194708
Ion Ratio Lower Upper
114 100
63 21.9 0.0 42.4
88 15.6 0.0 31.4



#35
Dibromofluoromethane
Concen: 50.001 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.006 min
Lab File: VX044894.D
Acq: 11 Feb 2025 10:37

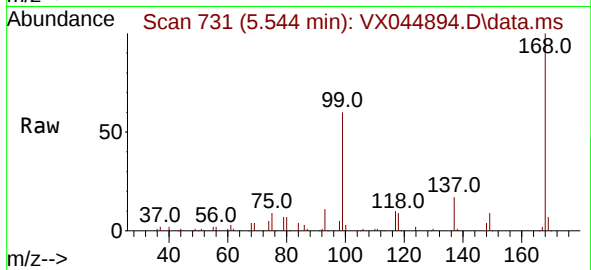
Tgt Ion:113 Resp: 63297
Ion Ratio Lower Upper
113 100
111 103.1 83.5 125.3
192 17.6 14.4 21.6



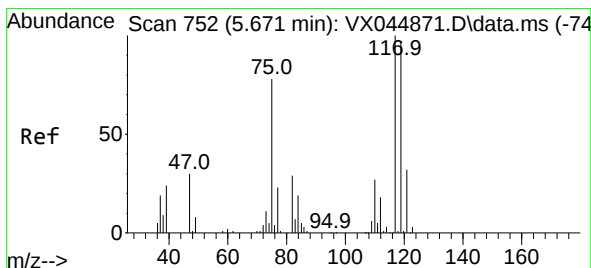
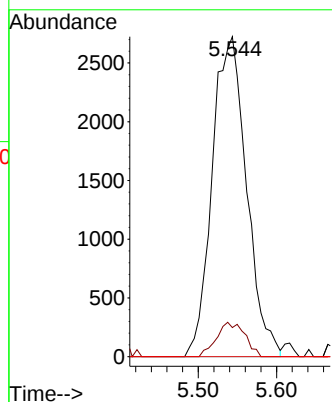
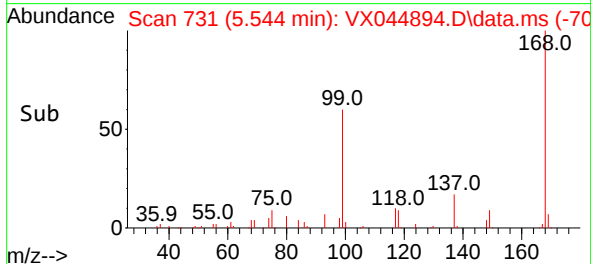


#36
 1,1-Dichloropropene
 Concen: 4.546 ug/l
 RT: 5.544 min Scan# 711
 Delta R.T. -0.146 min
 Lab File: VX044894.D
 Acq: 11 Feb 2025 10:37

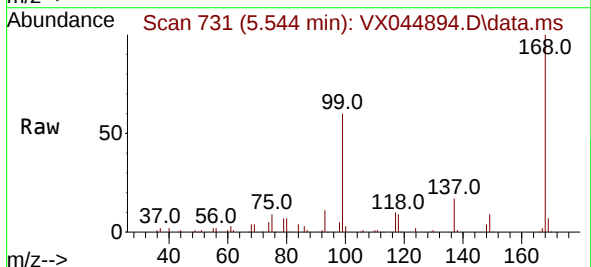
Instrument :
 MSVOA_X
 ClientSampleId :



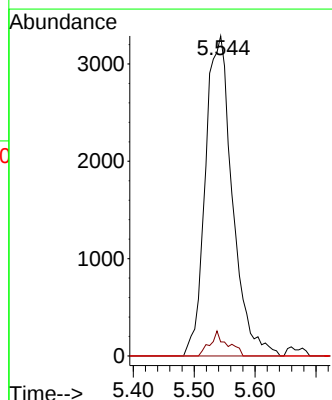
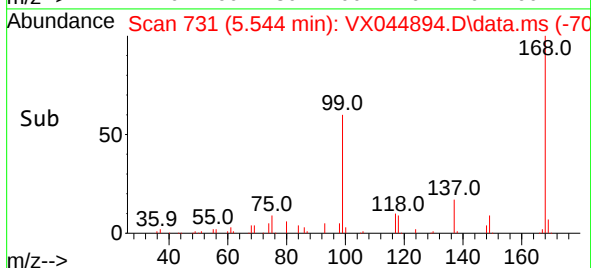
Tgt Ion: 75 Resp: 8302
 Ion Ratio Lower Upper
 75 100
 110 8.9 17.2 51.6#
 77 0.0 24.6 37.0#

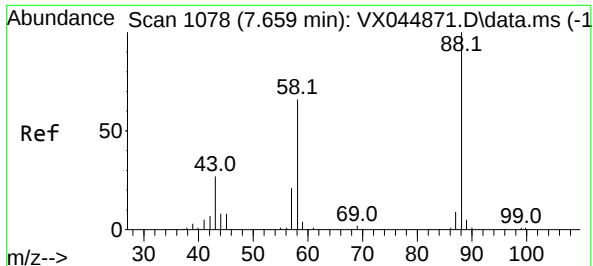


#38
 Carbon Tetrachloride
 Concen: 5.669 ug/l
 RT: 5.544 min Scan# 731
 Delta R.T. -0.128 min
 Lab File: VX044894.D
 Acq: 11 Feb 2025 10:37



Tgt Ion: 117 Resp: 10147
 Ion Ratio Lower Upper
 117 100
 119 4.4 77.5 116.3#
 121 0.0 25.6 38.4#





#49

1,4-Dioxane

Concen: 1.266 ug/l

RT: 7.702 min Scan# 1

Delta R.T. 0.043 min

Lab File: VX044894.D

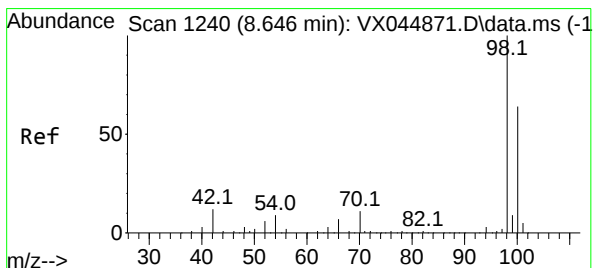
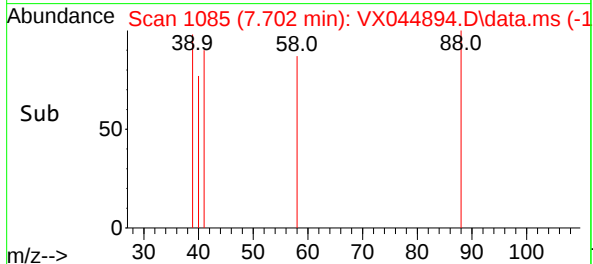
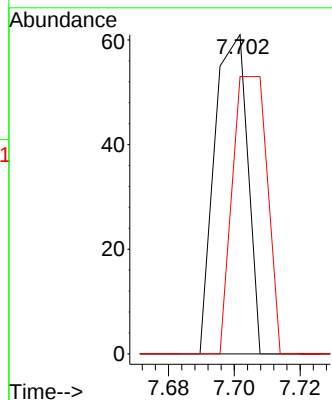
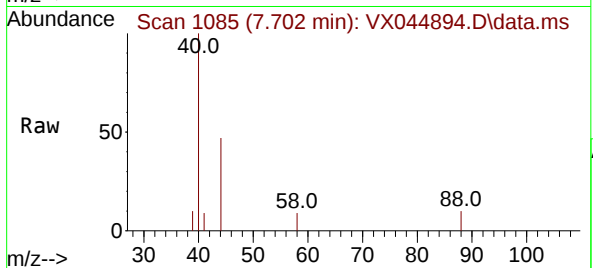
Acq: 11 Feb 2025 10:37

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:	88	Resp:	42
Ion	Ratio	Lower	Upper
88	100		
43	0.0	26.6	39.8#
58	92.9	55.9	83.9#



#50

Toluene-d8

Concen: 49.902 ug/l

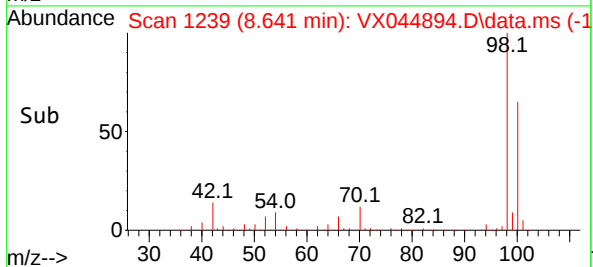
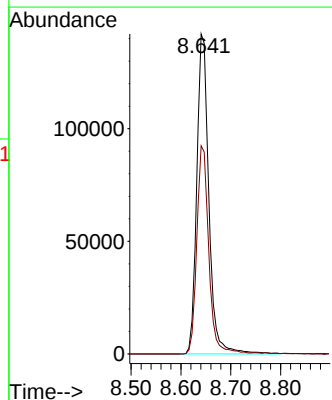
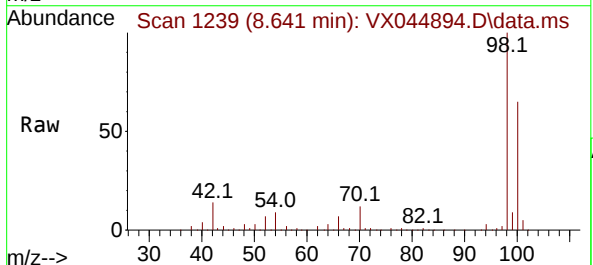
RT: 8.641 min Scan# 1239

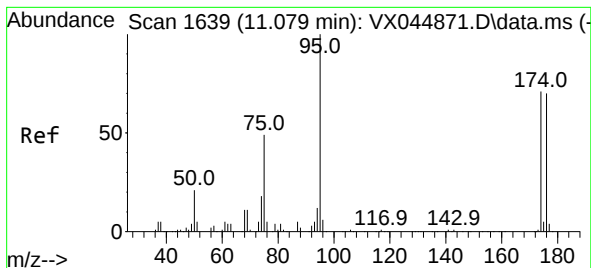
Delta R.T. -0.006 min

Lab File: VX044894.D

Acq: 11 Feb 2025 10:37

Tgt Ion:	98	Resp:	238878
Ion	Ratio	Lower	Upper
98	100		
100	64.4	52.7	79.1

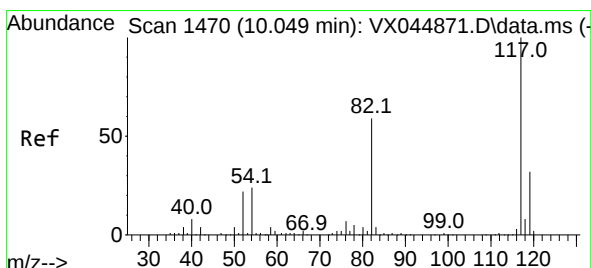
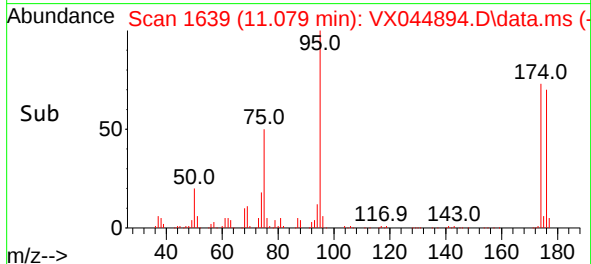
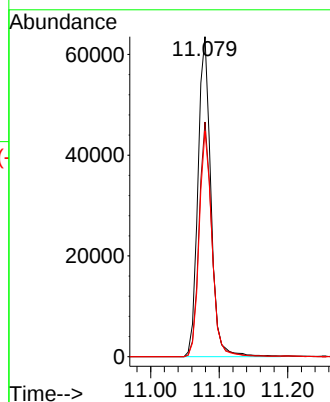
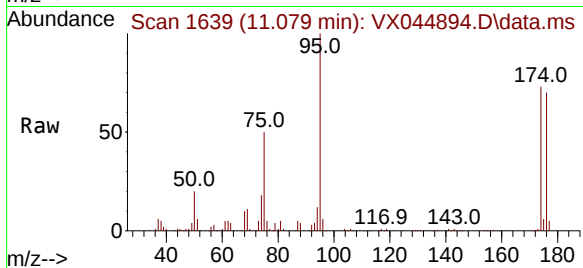




#62
4-Bromofluorobenzene
Concen: 51.686 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX044894.D
Acq: 11 Feb 2025 10:37

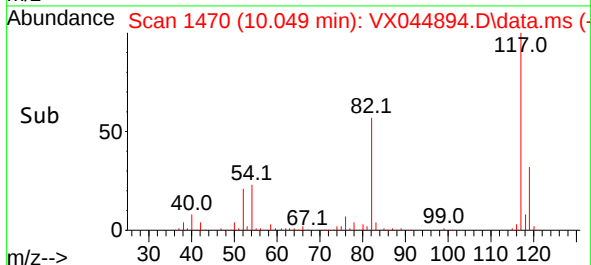
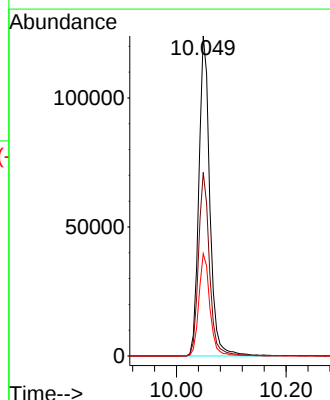
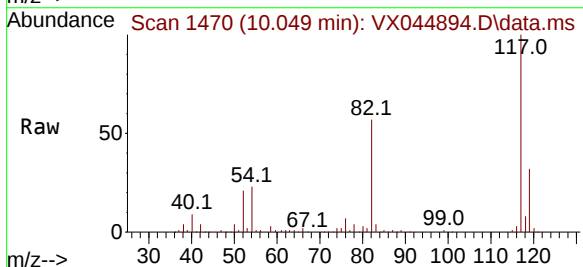
Instrument :
MSVOA_X
ClientSampleId :

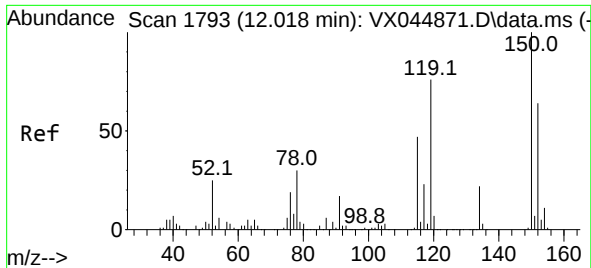
Tgt Ion: 95 Resp: 83411
Ion Ratio Lower Upper
95 100
174 72.6 0.0 142.6
176 69.5 0.0 141.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX044894.D
Acq: 11 Feb 2025 10:37

Tgt Ion: 117 Resp: 173325
Ion Ratio Lower Upper
117 100
82 57.3 47.5 71.3
119 31.9 25.4 38.0

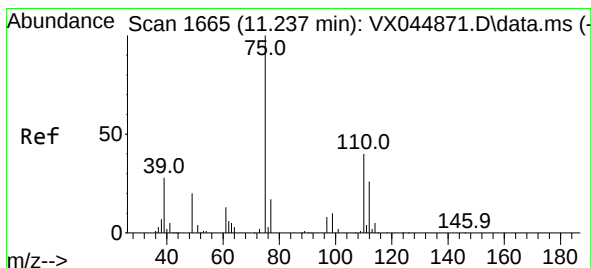
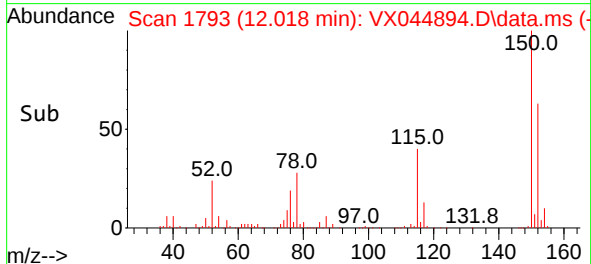
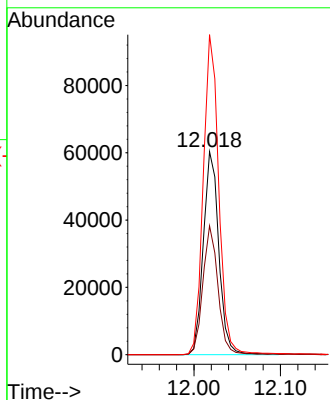
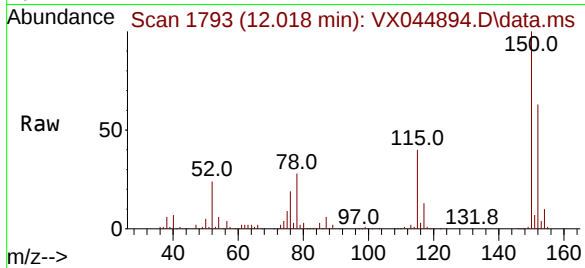




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX044894.D
 Acq: 11 Feb 2025 10:37

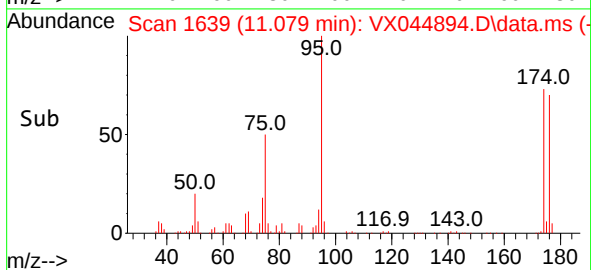
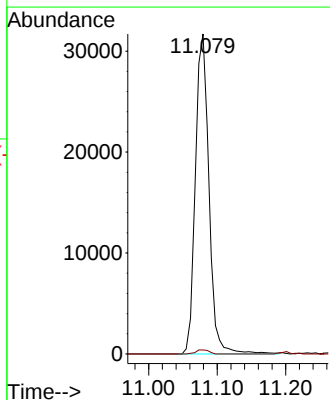
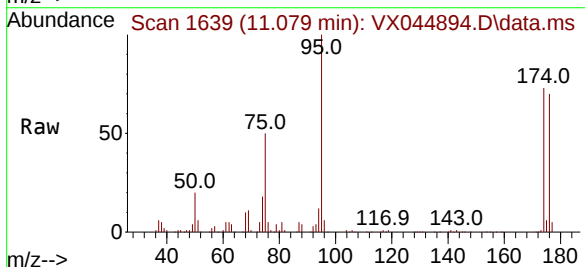
Instrument :
 MSVOA_X
 ClientSampleId :

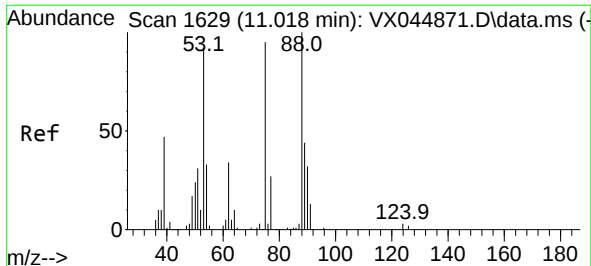
Tgt Ion:152 Resp: 75089
 Ion Ratio Lower Upper
 152 100
 115 61.9 43.4 130.1
 150 157.9 0.0 350.4



#76
 1,2,3-Trichloropropane
 Concen: 26.310 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX044894.D
 Acq: 11 Feb 2025 10:37

Tgt Ion: 75 Resp: 43801
 Ion Ratio Lower Upper
 75 100
 77 1.2 21.9 65.7#

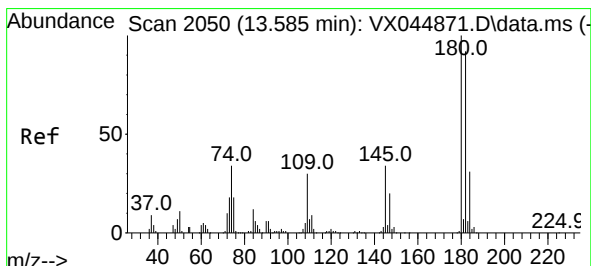
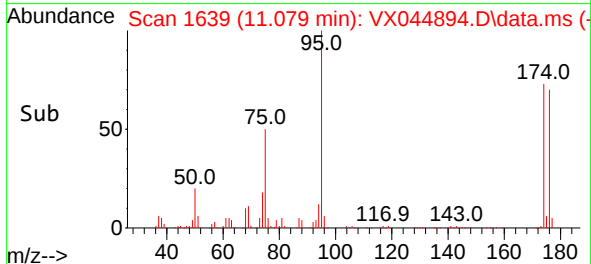
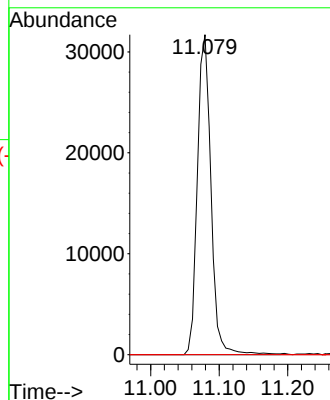
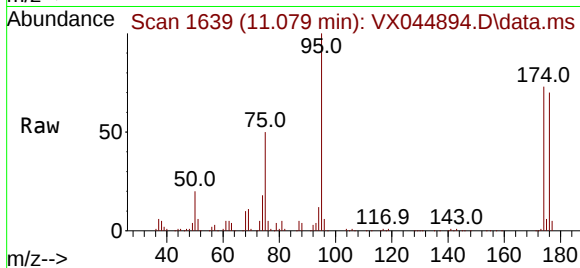




#81
 trans-1,4-Dichloro-2-butene
 Concen: 67.678 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX044894.D
 Acq: 11 Feb 2025 10:37

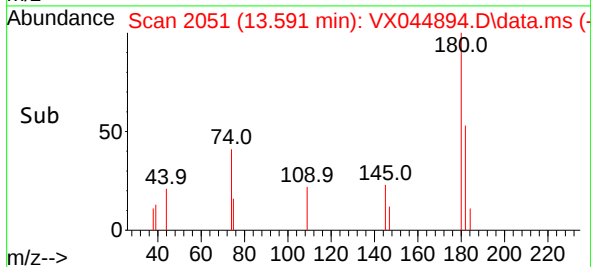
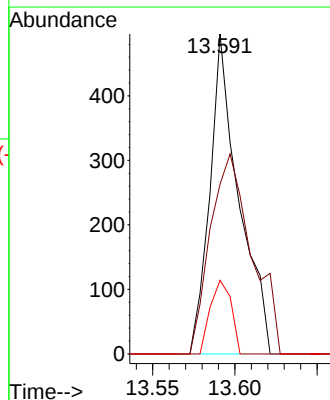
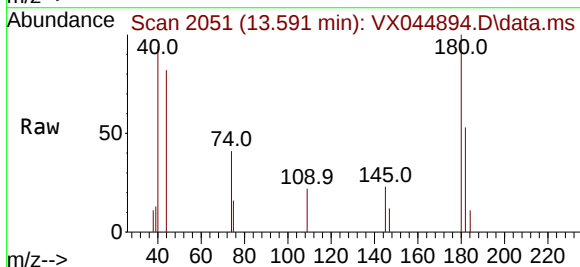
Instrument :
 MSVOA_X
 ClientSampleId :

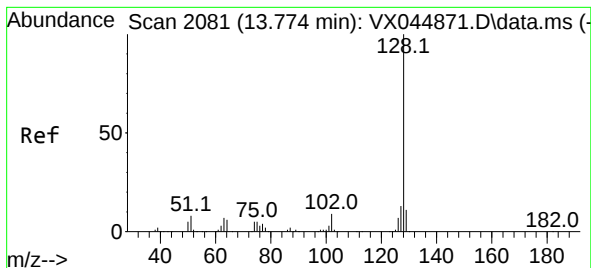
Tgt Ion: 75 Resp: 43801
 Ion Ratio Lower Upper
 75 100
 53 0.0 78.0 117.0#
 89 0.0 36.6 54.8#



#93
 1,2,4-Trichlorobenzene
 Concen: 0.406 ug/l
 RT: 13.591 min Scan# 2051
 Delta R.T. 0.006 min
 Lab File: VX044894.D
 Acq: 11 Feb 2025 10:37

Tgt Ion:180 Resp: 609
 Ion Ratio Lower Upper
 180 100
 182 89.0 47.6 142.8
 145 16.6 16.4 49.1





#95

Naphthalene

Concen: 0.670 ug/l

RT: 13.780 min Scan# 2081

Delta R.T. 0.006 min

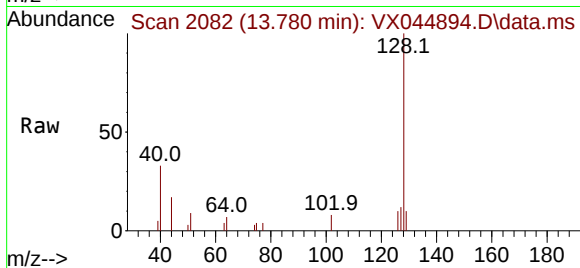
Lab File: VX044894.D

Acq: 11 Feb 2025 10:37

Instrument :

MSVOA_X

ClientSampleId :



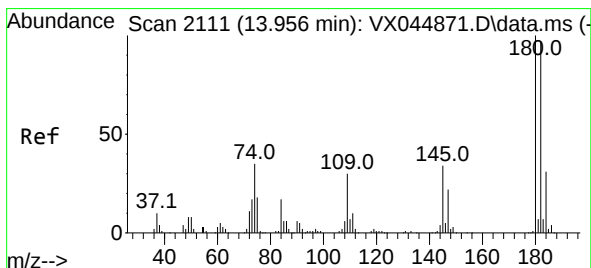
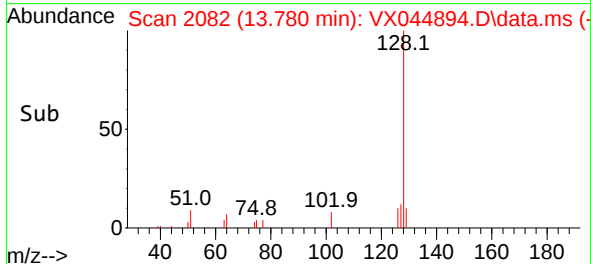
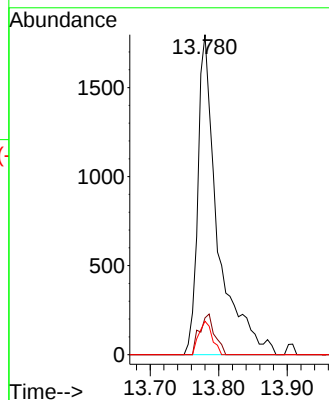
Tgt Ion:128 Resp: 3633

Ion Ratio Lower Upper

128 100

127 9.7 10.1 15.1#

129 7.0 8.9 13.3#



#96

1,2,3-Trichlorobenzene

Concen: 0.448 ug/l

RT: 13.969 min Scan# 2113

Delta R.T. 0.012 min

Lab File: VX044894.D

Acq: 11 Feb 2025 10:37

Tgt Ion:180 Resp: 676

Ion Ratio Lower Upper

180 100

182 92.6 47.9 143.6

145 26.5 17.1 51.3

