

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021225\
 Data File : VX044925.D
 Acq On : 12 Feb 2025 12:09
 Operator : JC/MD
 Sample : Q1347-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 13 00:49:21 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	84715	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	171791	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	152421	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	62921	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	66692	53.781	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.560%	
35) Dibromofluoromethane	5.379	113	56358	50.458	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.920%	
50) Toluene-d8	8.647	98	210691	49.885	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.760%	
62) 4-Bromofluorobenzene	11.079	95	70603	49.586	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 99.180%	

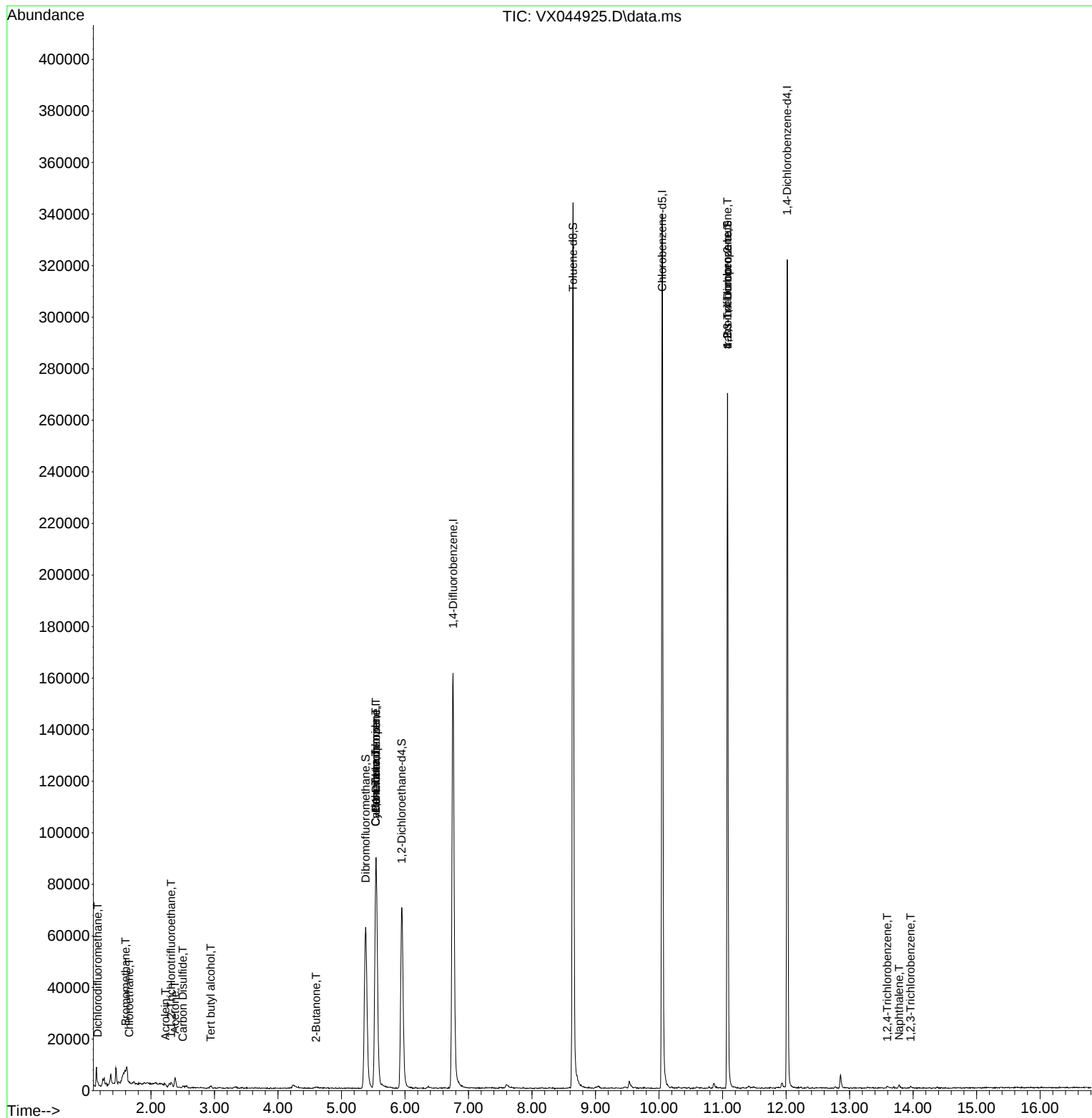
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.160	85	334	0.281	ug/l	98
5) Bromomethane	1.599	94	108	0.258	ug/l #	5
6) Chloroethane	1.654	64	145	1.555	ug/l #	42
9) 1,1,2-Trichlorotrifluo...	2.319	101	692	0.646	ug/l	99
11) Tert butyl alcohol	2.940	59	419	1.821	ug/l #	73
13) Acrolein	2.227	56	218	0.918	ug/l #	65
16) Acetone	2.379	43	4026	8.076	ug/l	100
17) Carbon Disulfide	2.501	76	820	0.274	ug/l #	83
25) 2-Butanone	4.599	43	1137	1.405	ug/l #	81
31) Cyclohexane	5.537	56	2249	1.168	ug/l #	20
36) 1,1-Dichloropropene	5.544	75	7642	4.742	ug/l #	49
38) Carbon Tetrachloride	5.537	117	8789	5.566	ug/l #	14
76) 1,2,3-Trichloropropane	11.079	75	36848	26.413	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	36848	67.945	ug/l #	11
93) 1,2,4-Trichlorobenzene	13.591	180	302	0.240	ug/l #	86
95) Naphthalene	13.780	128	1448	0.319	ug/l #	82
96) 1,2,3-Trichlorobenzene	13.963	180	350	0.277	ug/l #	86

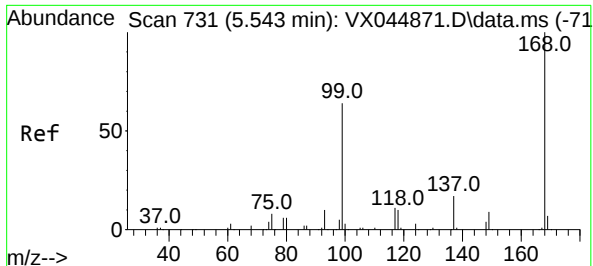
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021225\
Data File : VX044925.D
Acq On : 12 Feb 2025 12:09
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Sample : Q1347-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

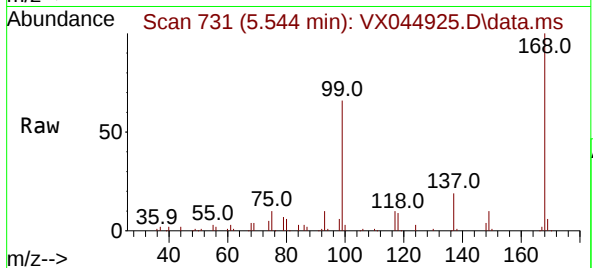
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 11 03:41:08 2025
Response via : Initial Calibration



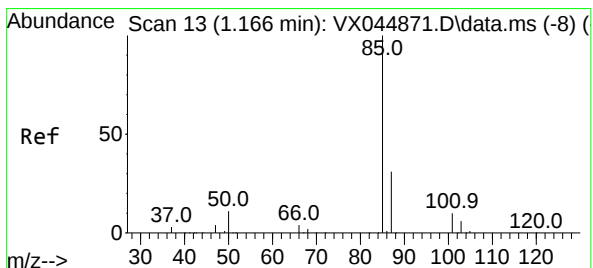
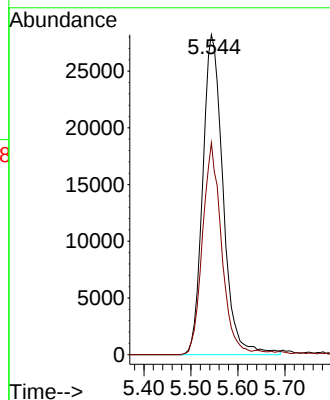
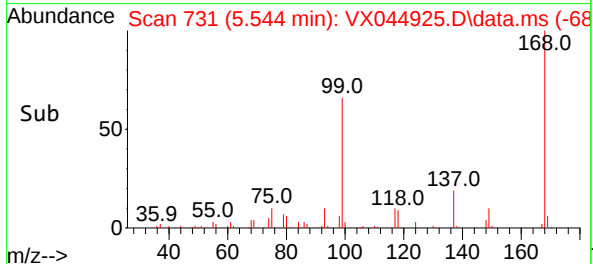


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX044925.D
Acq: 12 Feb 2025 12:09

Instrument :
MSVOA_X
ClientSampleId :

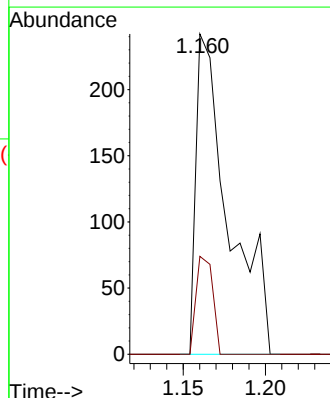
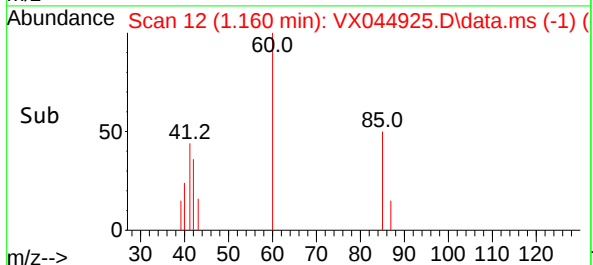
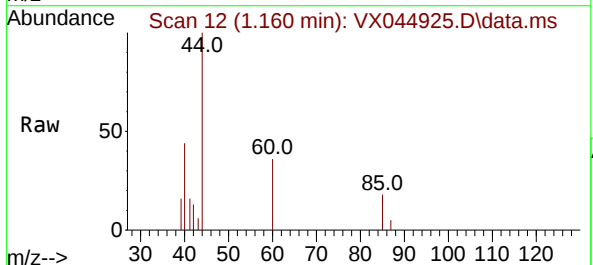


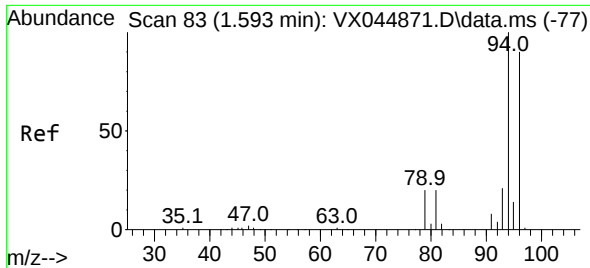
Tgt Ion:168 Resp: 84715
Ion Ratio Lower Upper
168 100
99 66.2 51.2 76.8



#2
Dichlorodifluoromethane
Concen: 0.281 ug/l
RT: 1.160 min Scan# 12
Delta R.T. -0.006 min
Lab File: VX044925.D
Acq: 12 Feb 2025 12:09

Tgt Ion: 85 Resp: 334
Ion Ratio Lower Upper
85 100
87 30.6 15.8 47.3

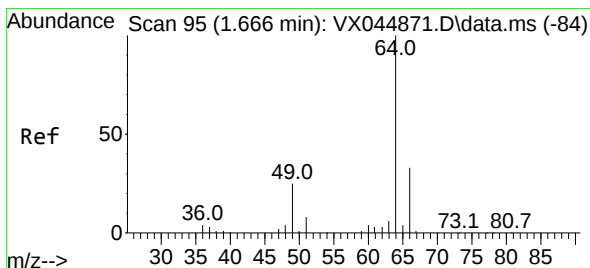
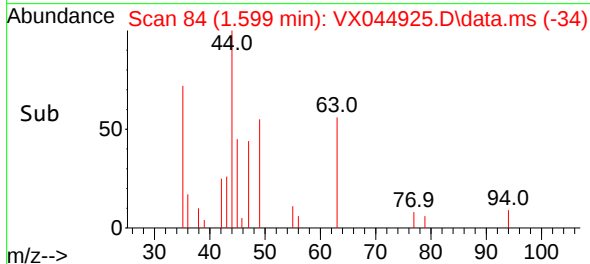
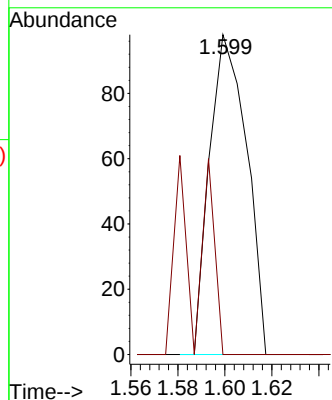
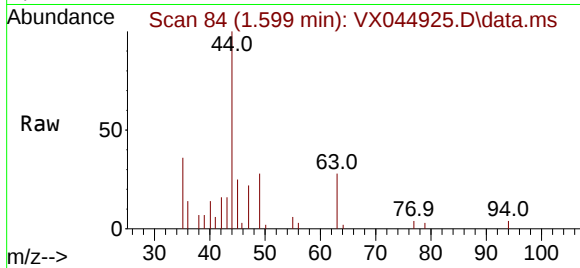




#5
Bromomethane
Concen: 0.258 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX044925.D
Acq: 12 Feb 2025 12:09

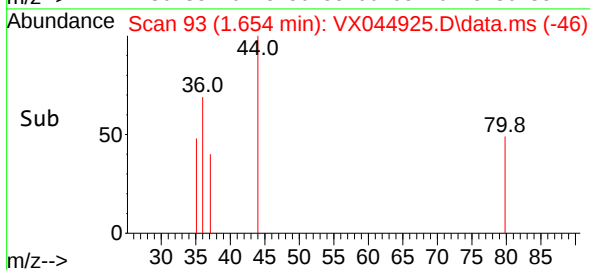
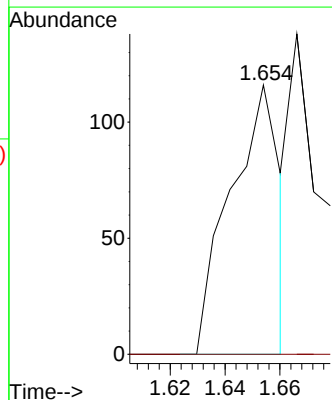
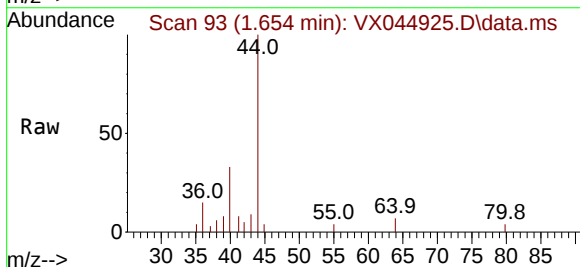
Instrument :
MSVOA_X
ClientSampleId :

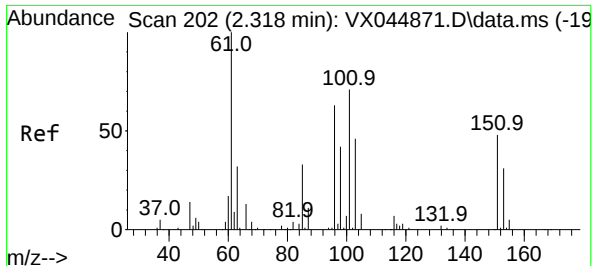
Tgt Ion: 94 Resp: 108
Ion Ratio Lower Upper
94 100
96 0.0 71.6 107.4#



#6
Chloroethane
Concen: 1.555 ug/l
RT: 1.654 min Scan# 93
Delta R.T. -0.012 min
Lab File: VX044925.D
Acq: 12 Feb 2025 12:09

Tgt Ion: 64 Resp: 145
Ion Ratio Lower Upper
64 100
66 0.0 25.9 38.9#

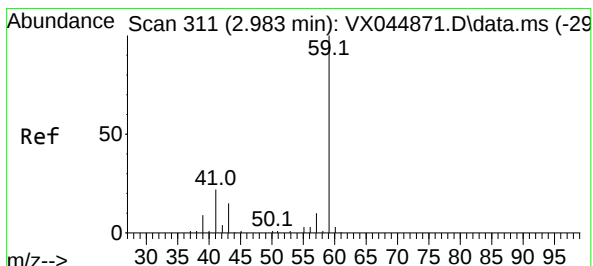
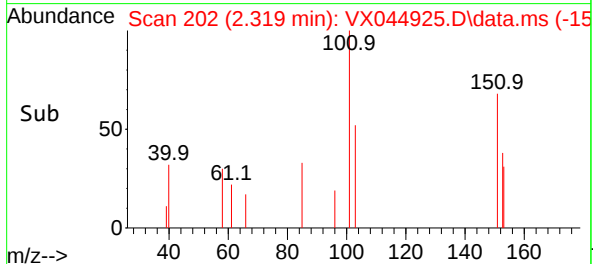
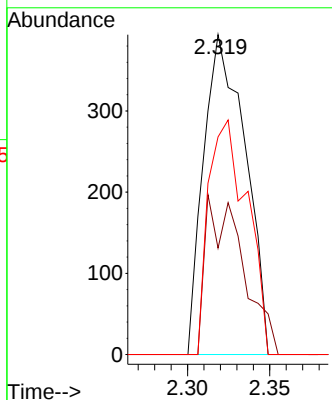
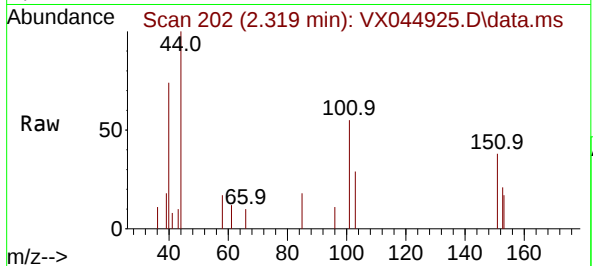




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.646 ug/l
RT: 2.319 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX044925.D
Acq: 12 Feb 2025 12:09

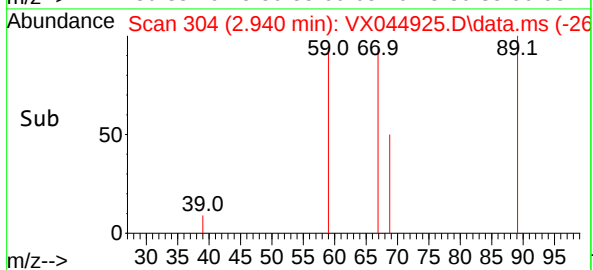
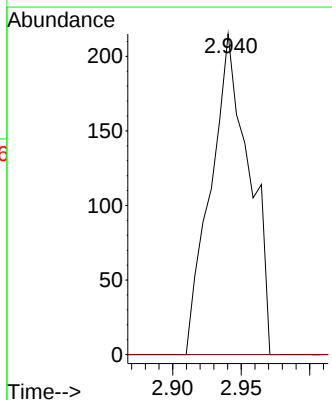
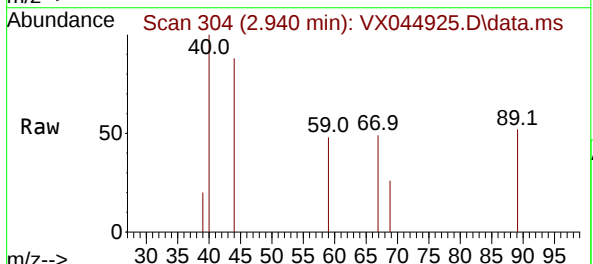
Instrument :
MSVOA_X
ClientSampleId :

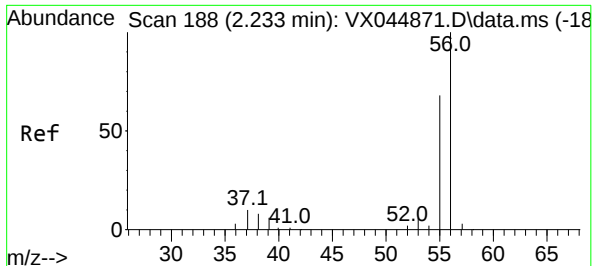
Tgt Ion:101 Resp: 692
Ion Ratio Lower Upper
101 100
85 44.5 35.7 53.5
151 68.1 56.0 84.0



#11
Tert butyl alcohol
Concen: 1.821 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.042 min
Lab File: VX044925.D
Acq: 12 Feb 2025 12:09

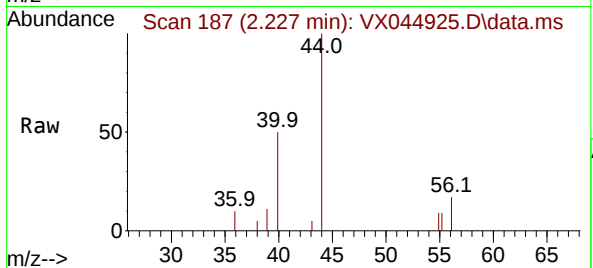
Tgt Ion: 59 Resp: 419
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#



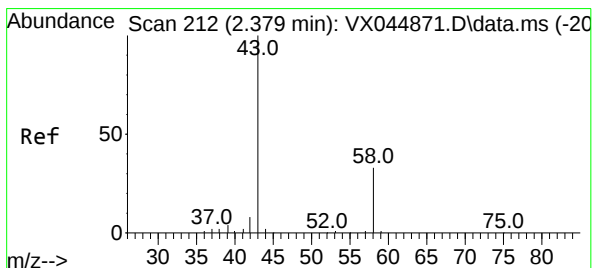
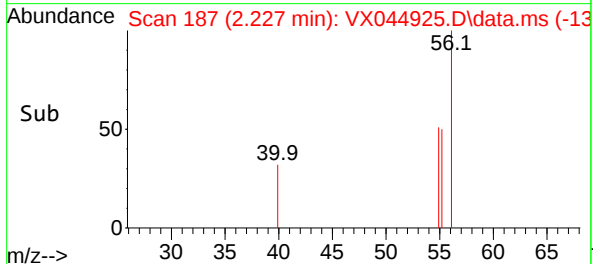
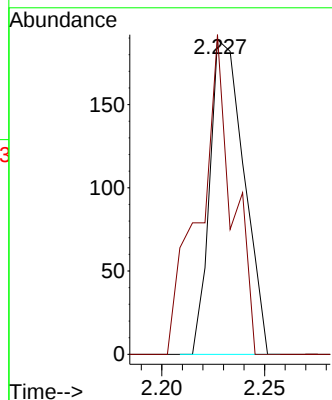


#13
Acrolein
Concen: 0.918 ug/l
RT: 2.227 min Scan# 187
Delta R.T. -0.006 min
Lab File: VX044925.D
Acq: 12 Feb 2025 12:09

Instrument :
MSVOA_X
ClientSampleId :

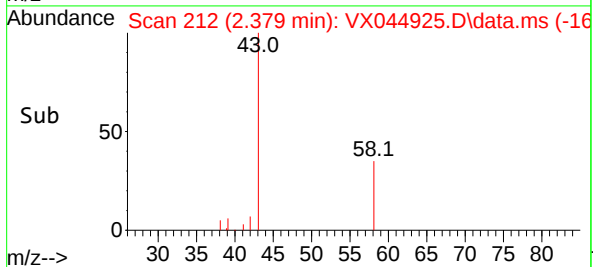
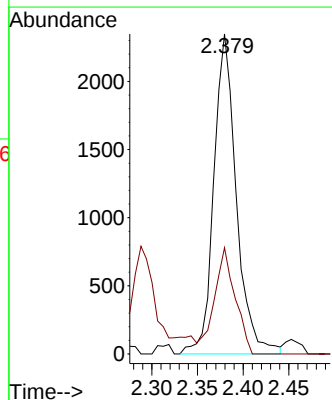
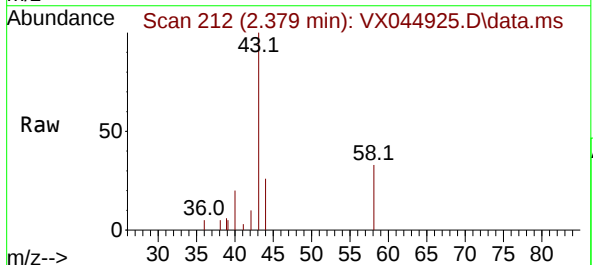


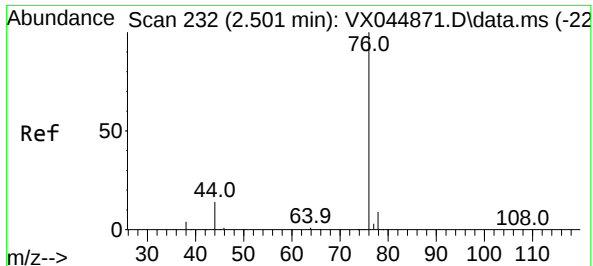
Tgt Ion: 56 Resp: 218
Ion Ratio Lower Upper
56 100
55 98.2 55.7 83.5#



#16
Acetone
Concen: 8.076 ug/l
RT: 2.379 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX044925.D
Acq: 12 Feb 2025 12:09

Tgt Ion: 43 Resp: 4026
Ion Ratio Lower Upper
43 100
58 33.2 26.5 39.7





#17

Carbon Disulfide

Concen: 0.274 ug/l

RT: 2.501 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX044925.D

Acq: 12 Feb 2025 12:09

Instrument :

MSVOA_X

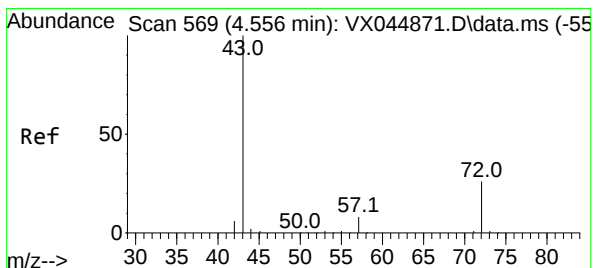
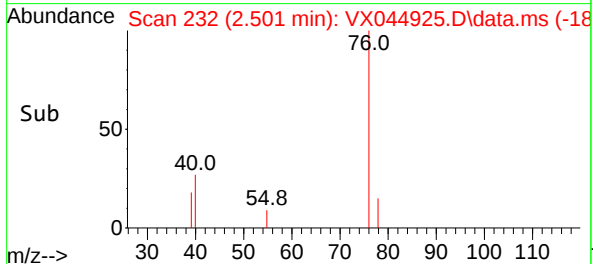
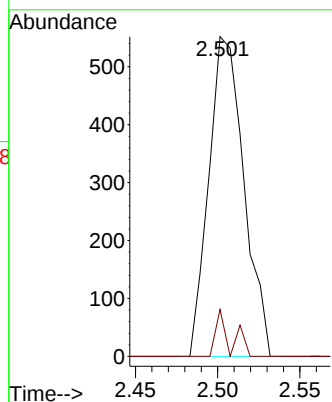
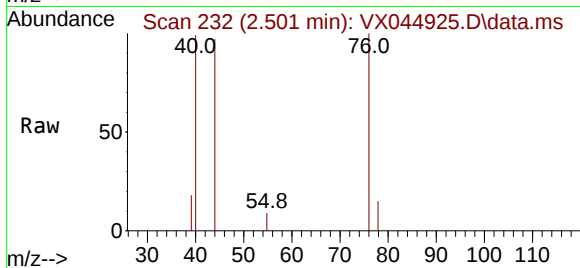
ClientSampleId :

Tgt Ion: 76 Resp: 820

Ion Ratio Lower Upper

76 100

78 14.7 7.0 10.4#



#25

2-Butanone

Concen: 1.405 ug/l

RT: 4.599 min Scan# 576

Delta R.T. 0.043 min

Lab File: VX044925.D

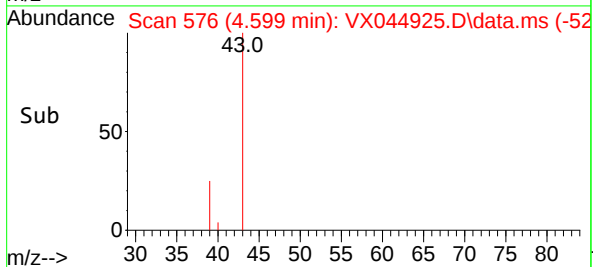
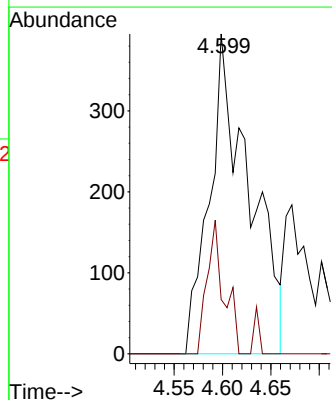
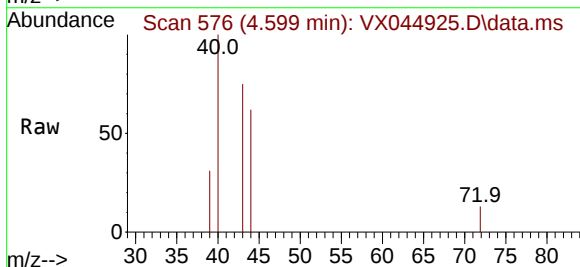
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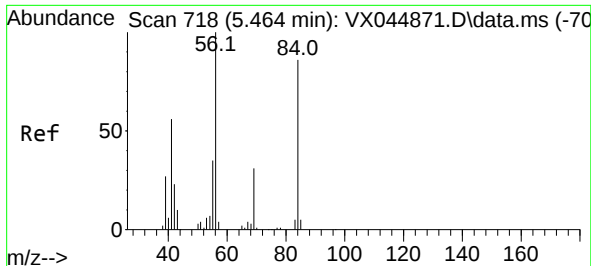
Tgt Ion: 43 Resp: 1137

Ion Ratio Lower Upper

43 100

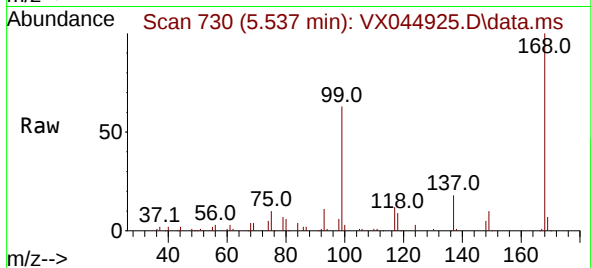
72 17.0 21.2 31.8#



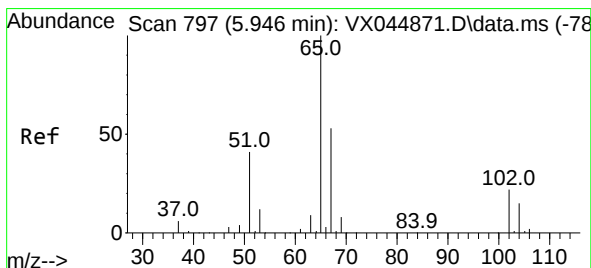
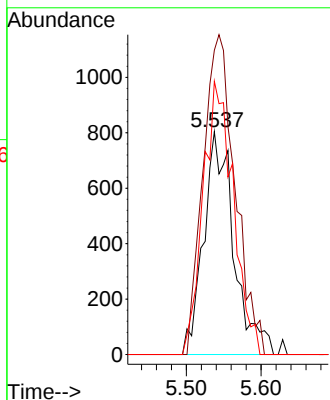
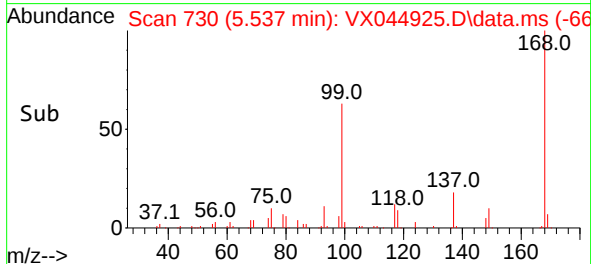


#31
Cyclohexane
Concen: 1.168 ug/l
RT: 5.537 min Scan# 718
Delta R.T. 0.073 min
Lab File: VX044925.D
Acq: 12 Feb 2025 12:09

Instrument :
MSVOA_X
ClientSampleId :

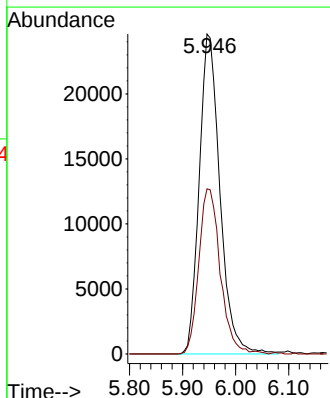
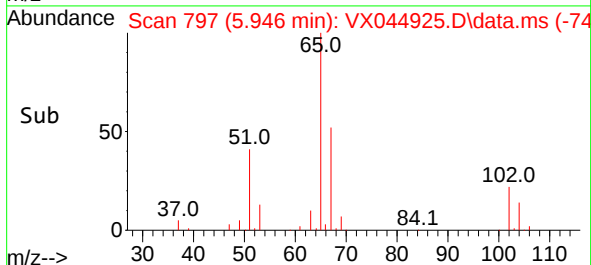
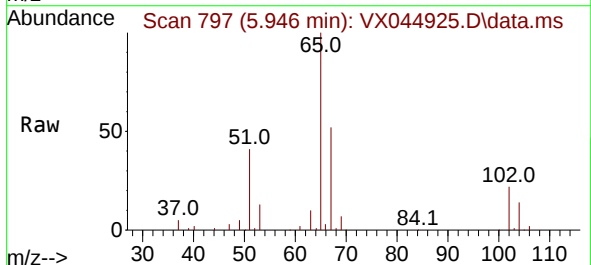


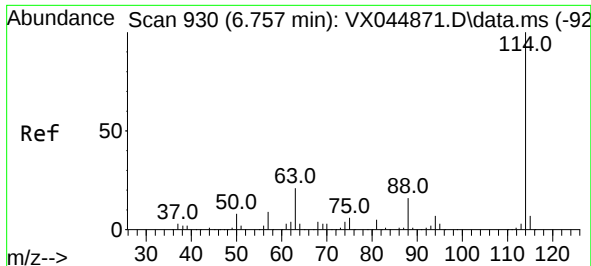
Tgt Ion: 56 Resp: 2249
Ion Ratio Lower Upper
56 100
69 136.6 24.4 36.6#
84 122.6 69.0 103.6#



#33
1,2-Dichloroethane-d4
Concen: 53.781 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.000 min
Lab File: VX044925.D
Acq: 12 Feb 2025 12:09

Tgt Ion: 65 Resp: 66692
Ion Ratio Lower Upper
65 100
67 53.5 0.0 108.2

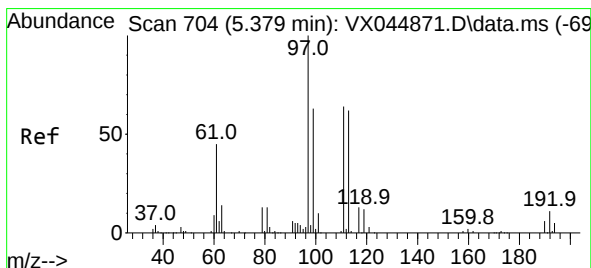
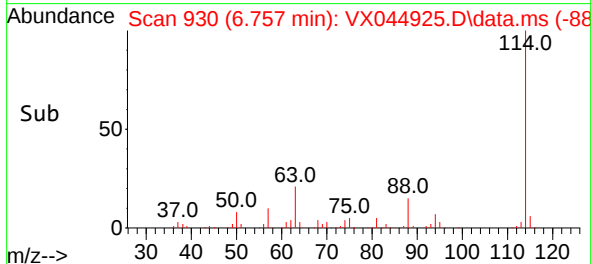
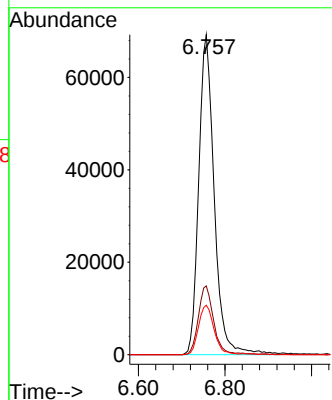
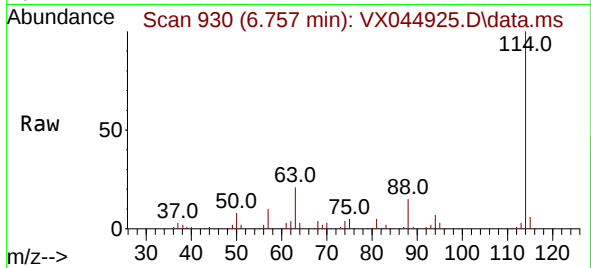




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VX044925.D
 Acq: 12 Feb 2025 12:09

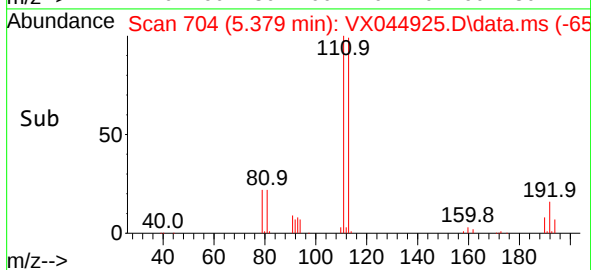
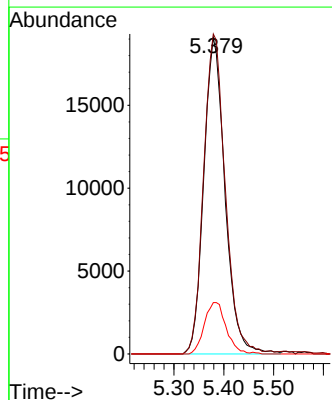
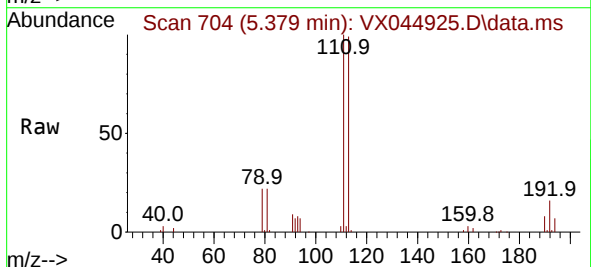
Instrument :
 MSVOA_X
 ClientSampleId :

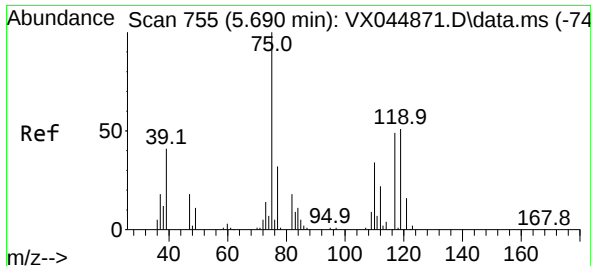
Tgt Ion:114 Resp: 171791
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 42.4
 88 15.4 0.0 31.4



#35
 Dibromofluoromethane
 Concen: 50.458 ug/l
 RT: 5.379 min Scan# 704
 Delta R.T. 0.000 min
 Lab File: VX044925.D
 Acq: 12 Feb 2025 12:09

Tgt Ion:113 Resp: 56358
 Ion Ratio Lower Upper
 113 100
 111 103.2 83.5 125.3
 192 16.6 14.4 21.6

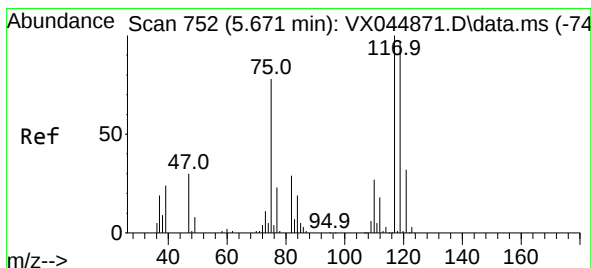
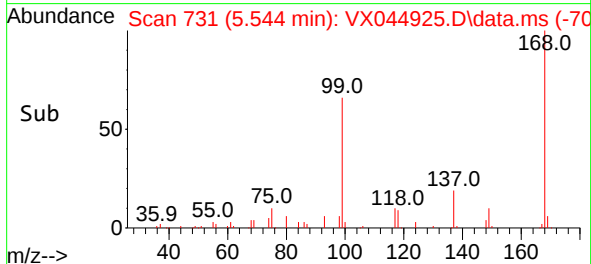
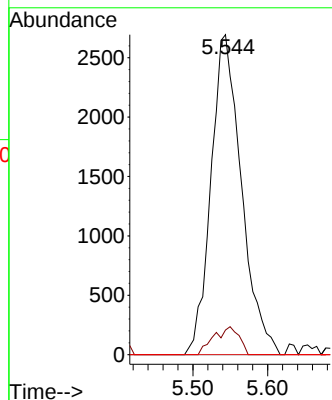
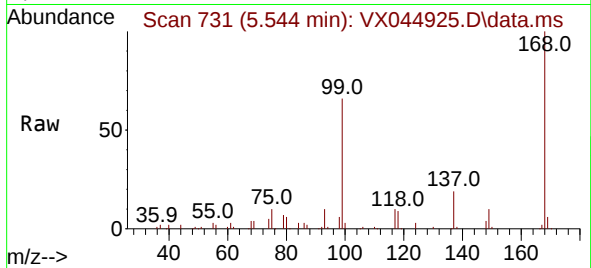




#36
 1,1-Dichloropropene
 Concen: 4.742 ug/l
 RT: 5.544 min Scan# 71
 Delta R.T. -0.146 min
 Lab File: VX044925.D
 Acq: 12 Feb 2025 12:09

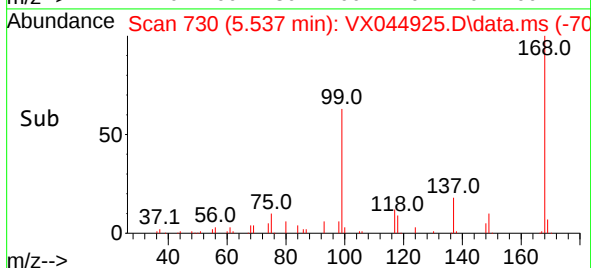
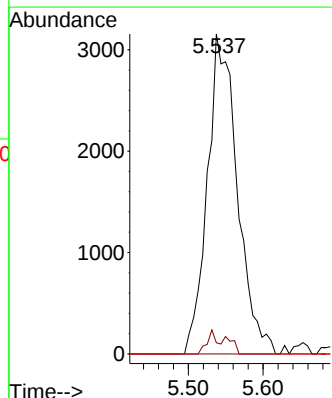
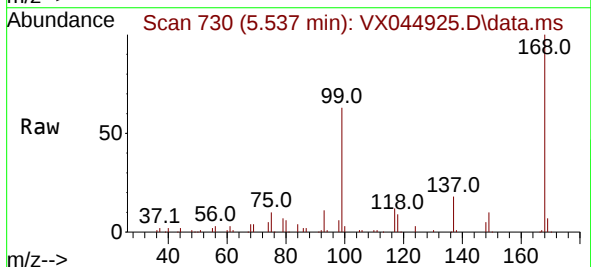
Instrument :
 MSVOA_X
 ClientSampleId :

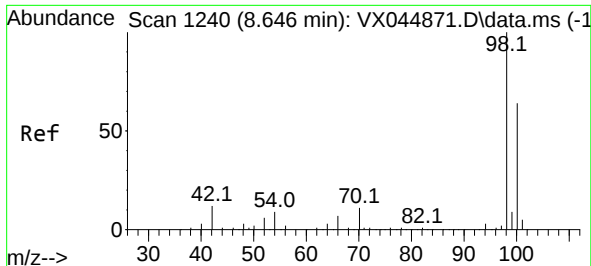
Tgt Ion: 75 Resp: 7642
 Ion Ratio Lower Upper
 75 100
 110 7.2 17.2 51.6#
 77 0.0 24.6 37.0#



#38
 Carbon Tetrachloride
 Concen: 5.566 ug/l
 RT: 5.537 min Scan# 730
 Delta R.T. -0.134 min
 Lab File: VX044925.D
 Acq: 12 Feb 2025 12:09

Tgt Ion: 117 Resp: 8789
 Ion Ratio Lower Upper
 117 100
 119 3.5 77.5 116.3#
 121 0.0 25.6 38.4#

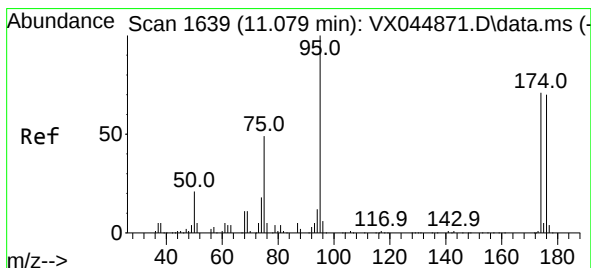
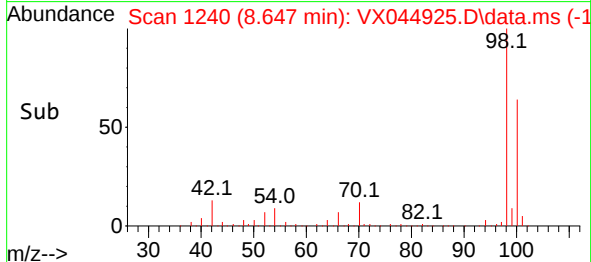
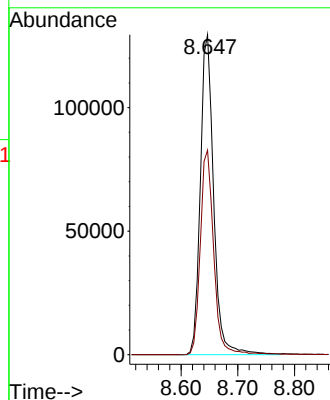
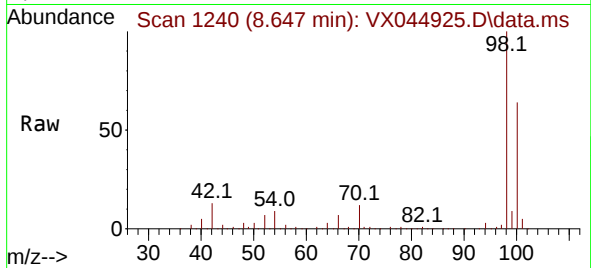




#50
Toluene-d8
Concen: 49.885 ug/l
RT: 8.647 min Scan# 1122
Delta R.T. 0.000 min
Lab File: VX044925.D
Acq: 12 Feb 2025 12:09

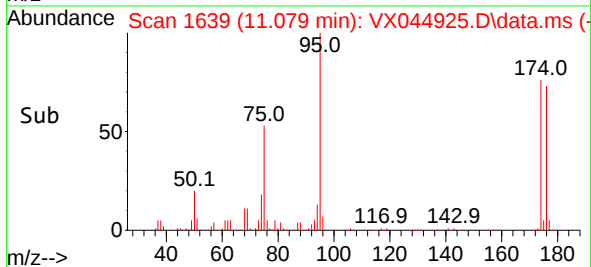
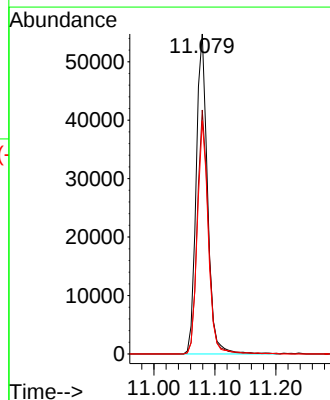
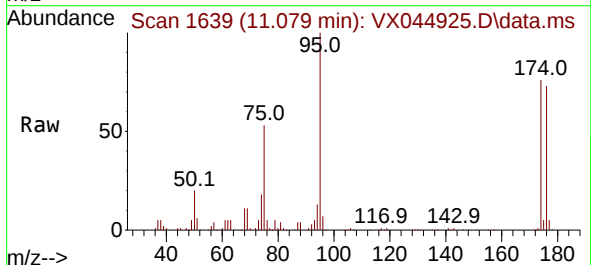
Instrument :
MSVOA_X
ClientSampleId :

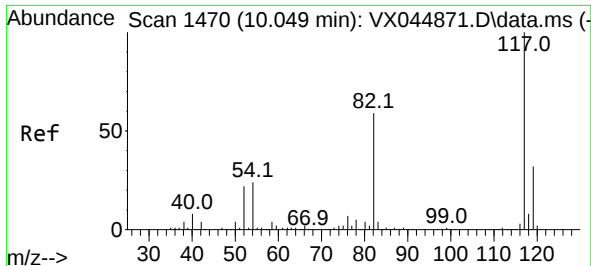
Tgt Ion: 98 Resp: 210691
Ion Ratio Lower Upper
98 100
100 64.5 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 49.586 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX044925.D
Acq: 12 Feb 2025 12:09

Tgt Ion: 95 Resp: 70603
Ion Ratio Lower Upper
95 100
174 74.2 0.0 142.6
176 70.7 0.0 141.6

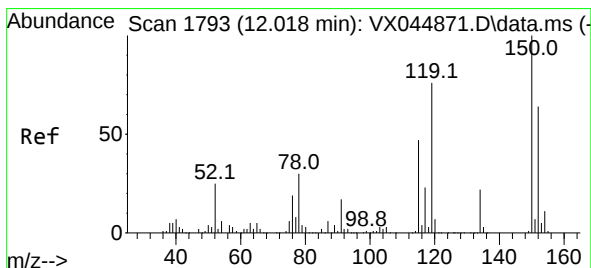
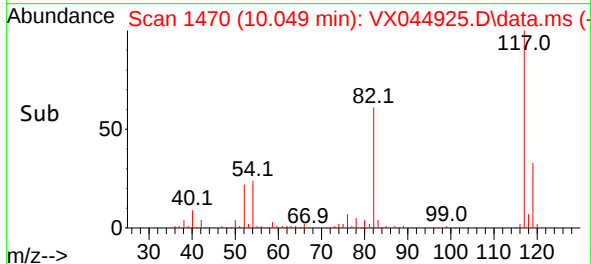
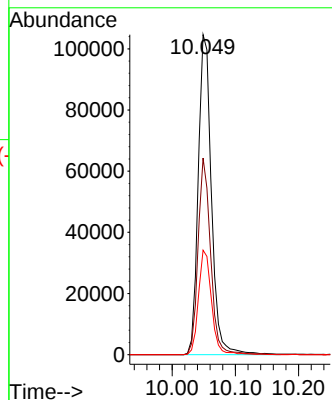
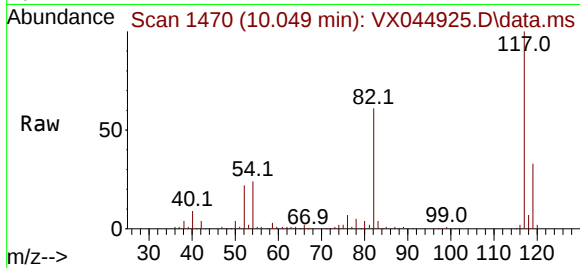




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX044925.D
Acq: 12 Feb 2025 12:09

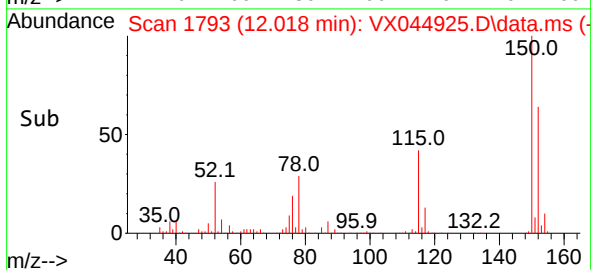
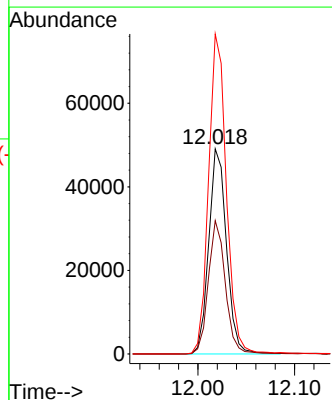
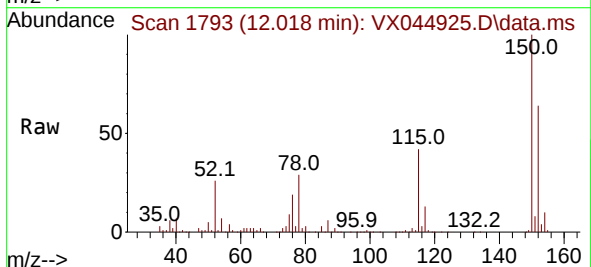
Instrument :
MSVOA_X
ClientSampleId :

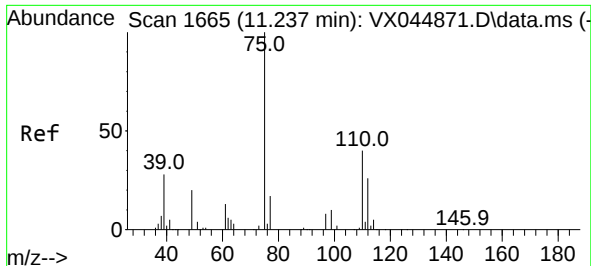
Tgt Ion:117 Resp: 152421
Ion Ratio Lower Upper
117 100
82 61.5 47.5 71.3
119 32.6 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX044925.D
Acq: 12 Feb 2025 12:09

Tgt Ion:152 Resp: 62921
Ion Ratio Lower Upper
152 100
115 62.3 43.4 130.1
150 156.5 0.0 350.4

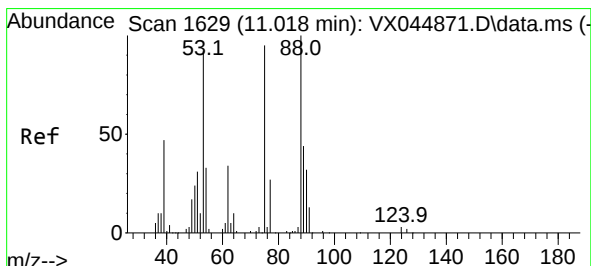
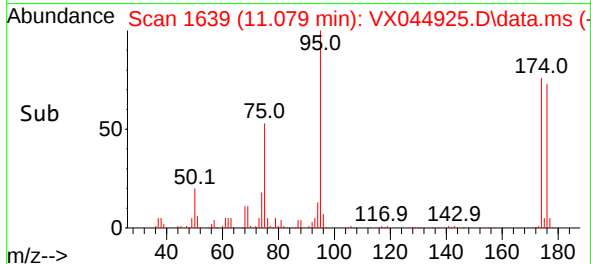
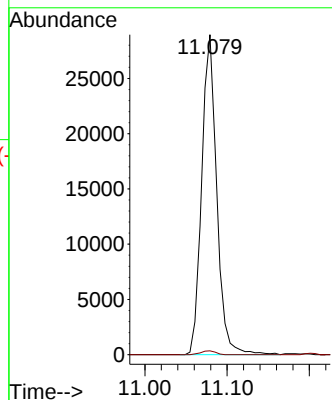
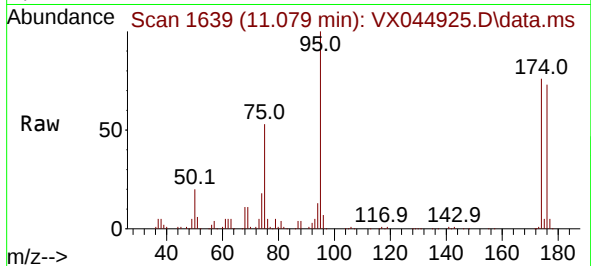




#76
1,2,3-Trichloropropane
Concen: 26.413 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX044925.D
Acq: 12 Feb 2025 12:09

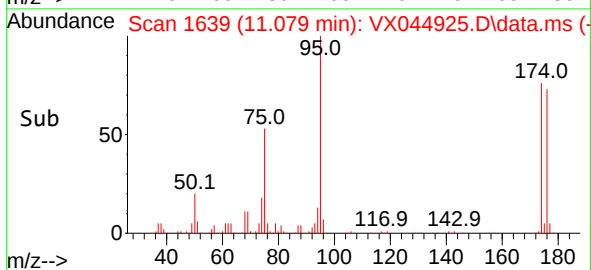
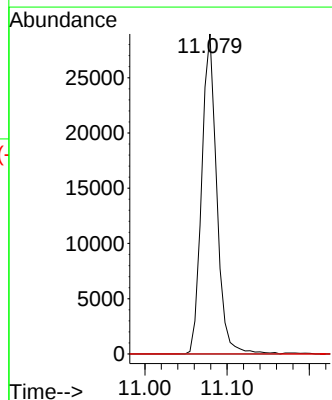
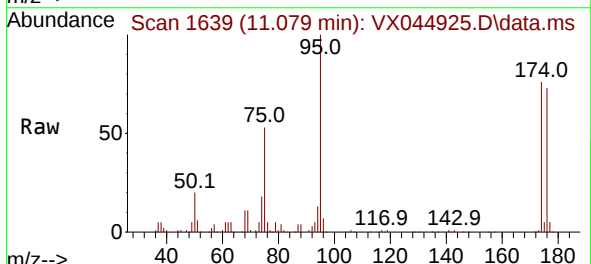
Instrument :
MSVOA_X
ClientSampleId :

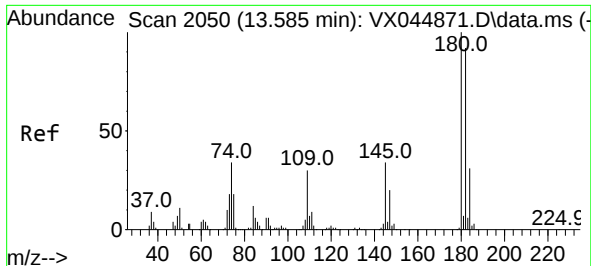
Tgt Ion: 75 Resp: 36848
Ion Ratio Lower Upper
75 100
77 1.2 21.9 65.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 67.945 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX044925.D
Acq: 12 Feb 2025 12:09

Tgt Ion: 75 Resp: 36848
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: 0.240 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.006 min

Lab File: VX044925.D

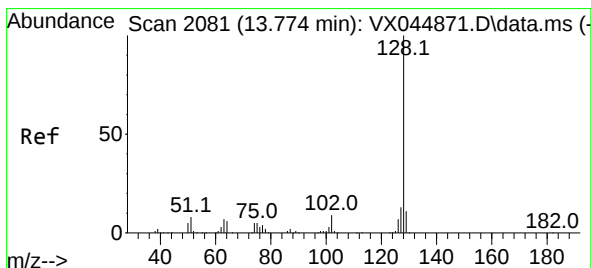
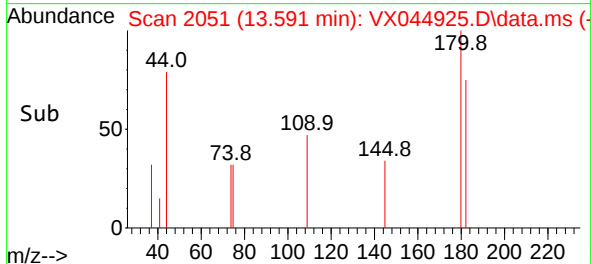
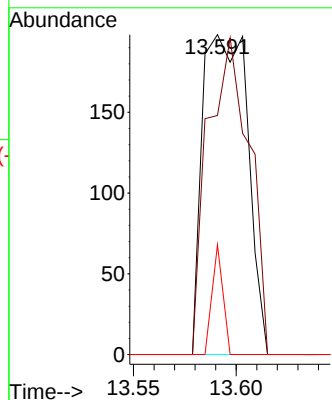
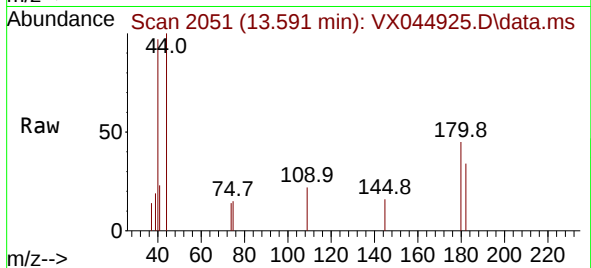
Acq: 12 Feb 2025 12:09

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:180	Resp:	302
Ion Ratio	Lower	Upper
180	100	
182	91.1	47.6 142.8
145	8.3	16.4 49.1#



#95

Naphthalene

Concen: 0.319 ug/l

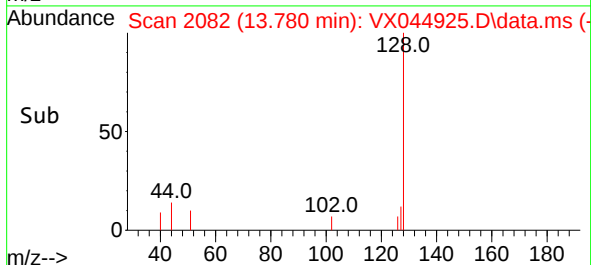
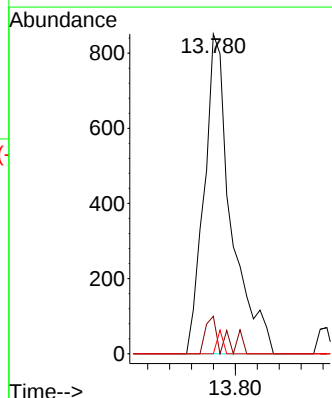
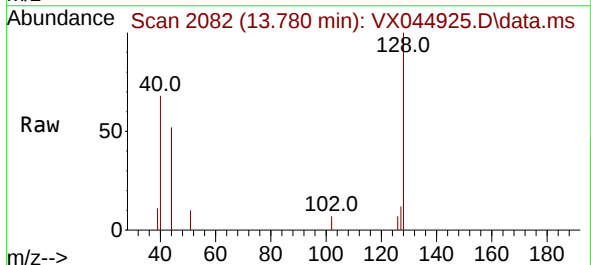
RT: 13.780 min Scan# 2082

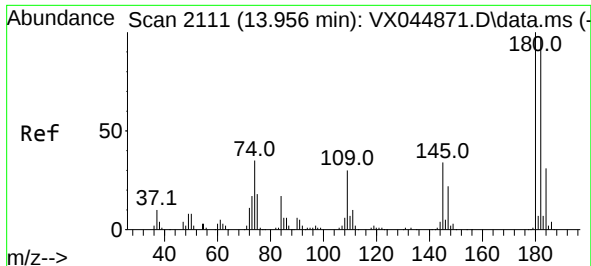
Delta R.T. 0.006 min

Lab File: VX044925.D

Acq: 12 Feb 2025 12:09

Tgt Ion:128	Resp:	1448
Ion Ratio	Lower	Upper
128	100	
127	7.7	10.1 15.1#
129	1.6	8.9 13.3#





#96

1,2,3-Trichlorobenzene

Concen: 0.277 ug/l

RT: 13.963 min Scan# 21

Delta R.T. 0.006 min

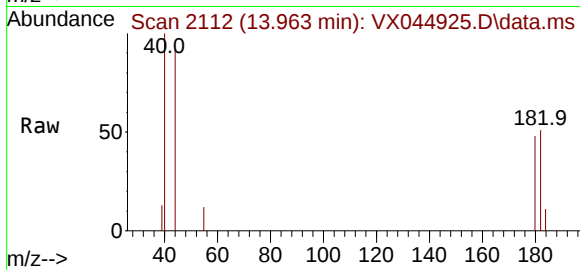
Lab File: VX044925.D

Acq: 12 Feb 2025 12:09

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:	180	Resp:	350
Ion	Ratio	Lower	Upper
180	100		
182	97.7	47.9	143.6
145	6.6	17.1	51.3#

