

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021225\
 Data File : VX044930.D
 Acq On : 12 Feb 2025 14:03
 Operator : JC/MD
 Sample : Q1347-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 13 00:51:13 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

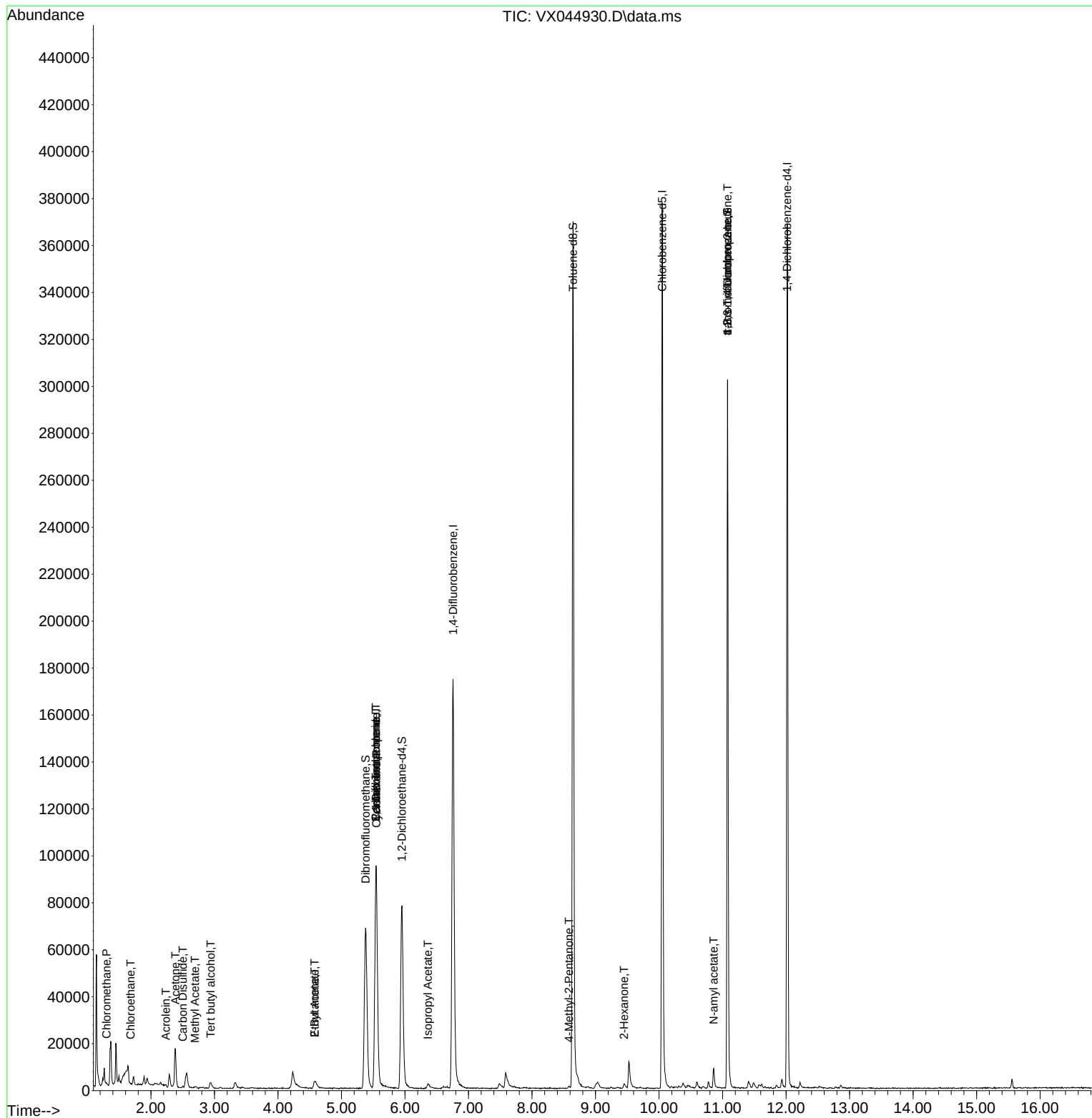
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	89084	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	185691	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	170107	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	73243	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	73552	56.404	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	112.800%
35) Dibromofluoromethane	5.379	113	61678	51.088	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.180%
50) Toluene-d8	8.647	98	226208	49.549	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.100%
62) 4-Bromofluorobenzene	11.079	95	81128	52.713	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	105.420%
Target Compounds						
					Qvalue	
3) Chloromethane	1.301	50	554	0.364	ug/l #	42
6) Chloroethane	1.679	64	225	1.656	ug/l #	42
11) Tert butyl alcohol	2.941	59	1919	7.932	ug/l #	73
13) Acrolein	2.233	56	82	0.329	ug/l #	1
16) Acetone	2.386	43	17967	34.273	ug/l	99
17) Carbon Disulfide	2.502	76	878	0.279	ug/l #	80
18) Methyl Acetate	2.691	43	471	0.285	ug/l #	52
25) 2-Butanone	4.574	43	7534	8.850	ug/l	96
31) Cyclohexane	5.550	56	2209	1.091	ug/l #	18
36) 1,1-Dichloropropene	5.544	75	8137	4.672	ug/l #	49
37) Ethyl Acetate	4.574	43	7534	3.889	ug/l #	69
38) Carbon Tetrachloride	5.544	117	9268	5.430	ug/l #	16
43) Isopropyl Acetate	6.361	43	638	0.204	ug/l #	61
51) 4-Methyl-2-Pentanone	8.580	43	802	0.422	ug/l	88
59) 2-Hexanone	9.452	43	1949	1.422	ug/l	89
74) N-amyl acetate	10.860	43	1265	0.474	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	42466	26.151	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	42466	67.269	ug/l #	11

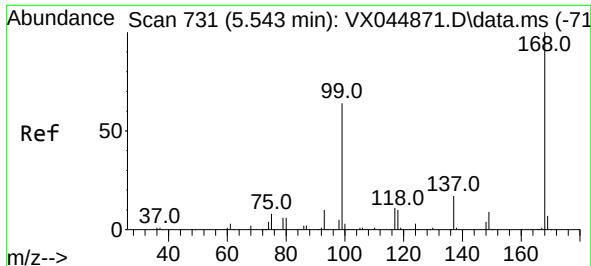
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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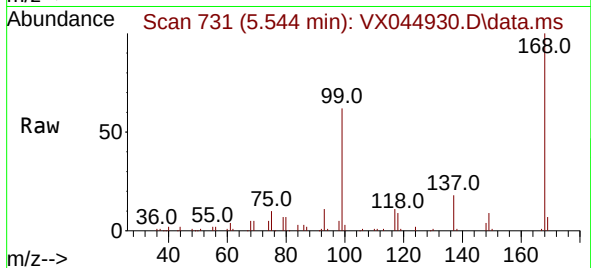
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 11 03:41:08 2025
Response via : Initial Calibration



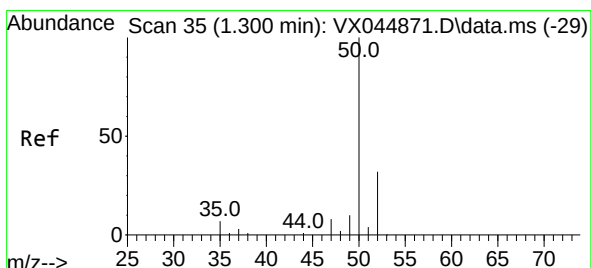
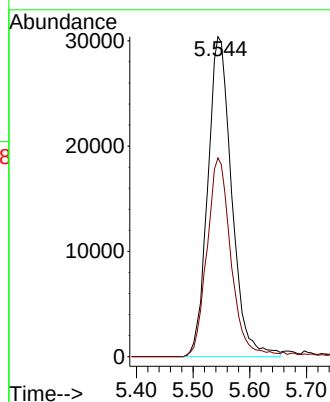
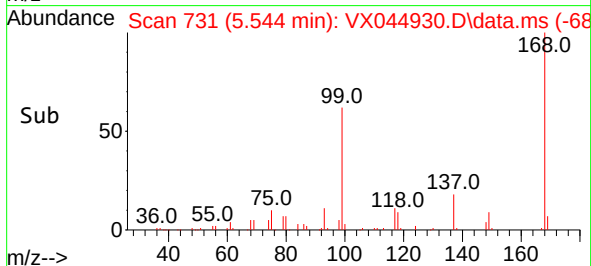


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX044930.D
Acq: 12 Feb 2025 14:03

Instrument :
MSVOA_X
ClientSampleId :

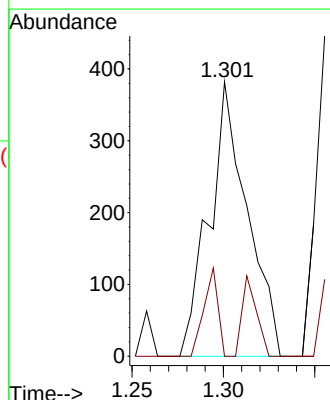
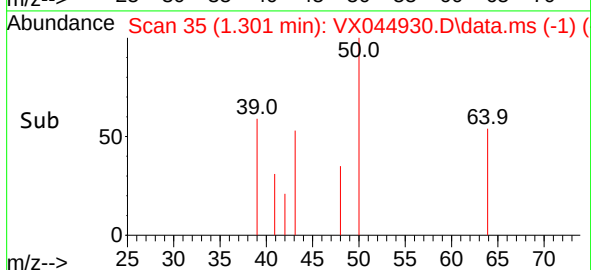
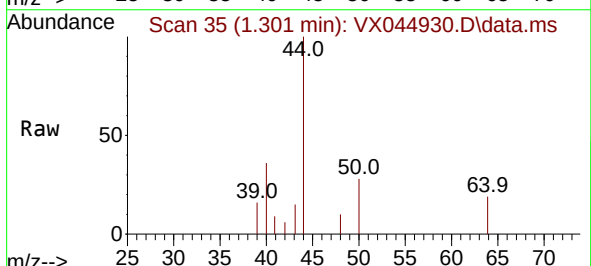


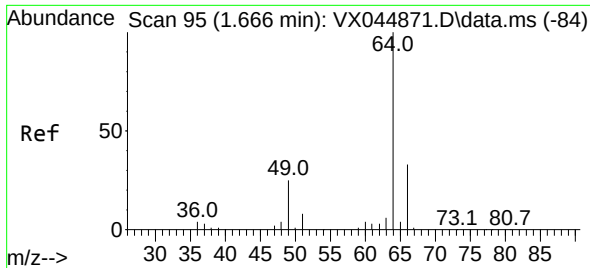
Tgt Ion:168 Resp: 89084
Ion Ratio Lower Upper
168 100
99 62.1 51.2 76.8



#3
Chloromethane
Concen: 0.364 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.000 min
Lab File: VX044930.D
Acq: 12 Feb 2025 14:03

Tgt Ion: 50 Resp: 554
Ion Ratio Lower Upper
50 100
52 0.0 25.9 38.9#

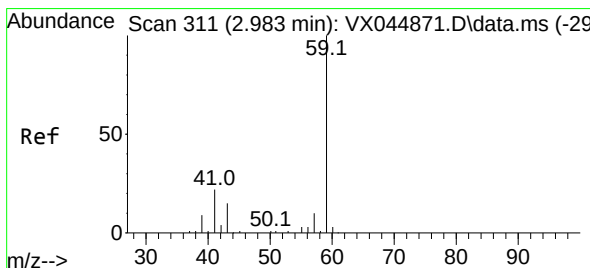
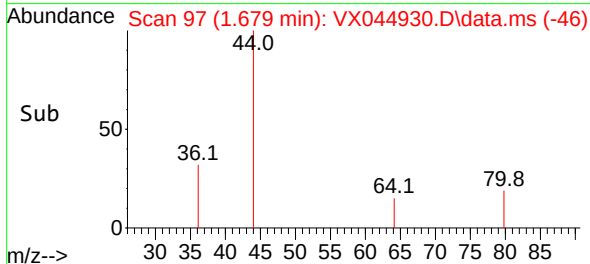
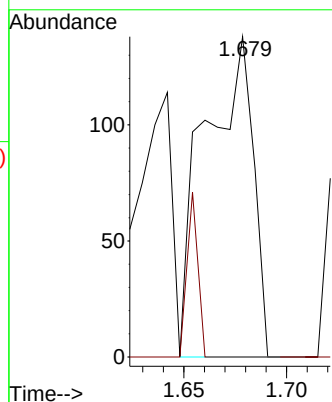
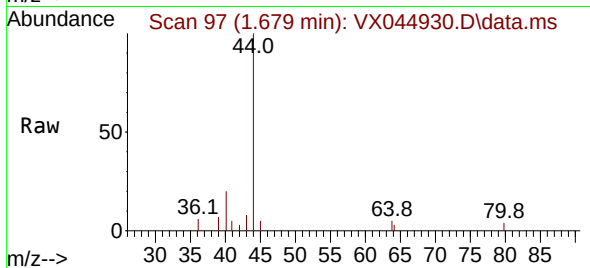




#6
Chloroethane
Concen: 1.656 ug/l
RT: 1.679 min Scan# 91
Delta R.T. 0.013 min
Lab File: VX044930.D
Acq: 12 Feb 2025 14:03

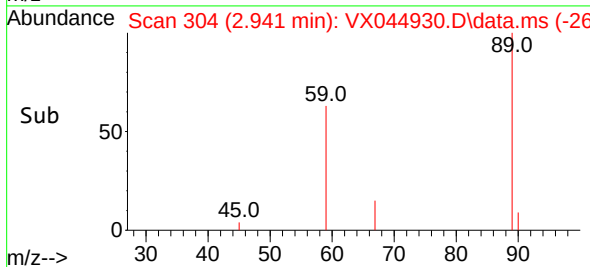
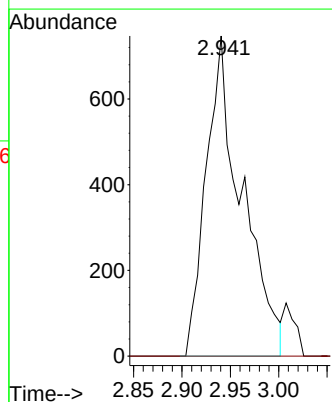
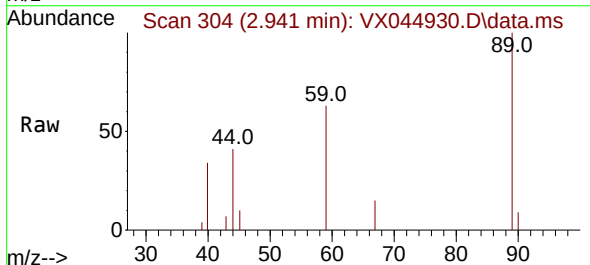
Instrument :
MSVOA_X
ClientSampleId :

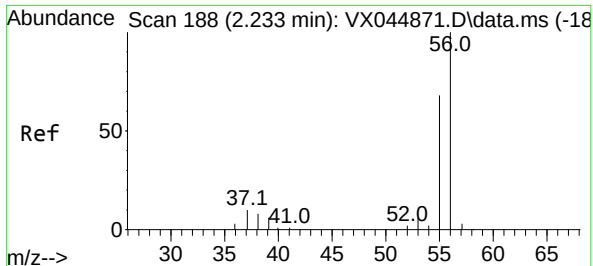
Tgt Ion: 64 Resp: 225
Ion Ratio Lower Upper
64 100
66 0.0 25.9 38.9#



#11
Tert butyl alcohol
Concen: 7.932 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.042 min
Lab File: VX044930.D
Acq: 12 Feb 2025 14:03

Tgt Ion: 59 Resp: 1919
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#





#13

Acrolein

Concen: 0.329 ug/l

RT: 2.233 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX044930.D

Acq: 12 Feb 2025 14:03

Instrument :

MSVOA_X

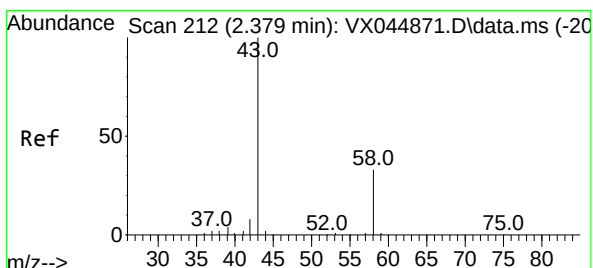
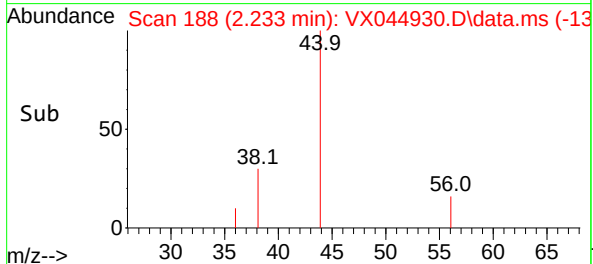
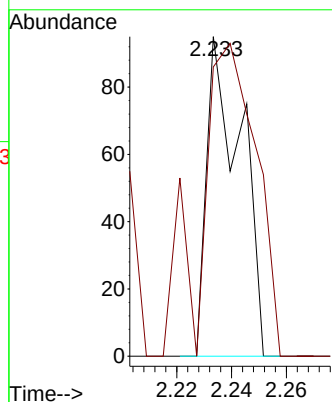
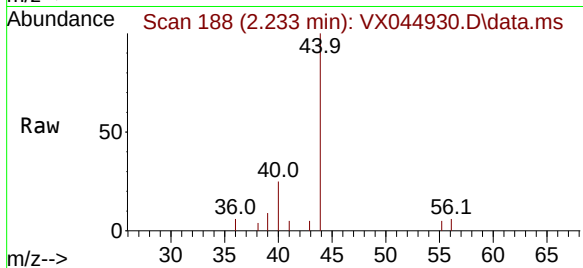
ClientSampleId :

Tgt Ion: 56 Resp: 82

Ion Ratio Lower Upper

56 100

55 159.8 55.7 83.5#



#16

Acetone

Concen: 34.273 ug/l

RT: 2.386 min Scan# 213

Delta R.T. 0.006 min

Lab File: VX044930.D

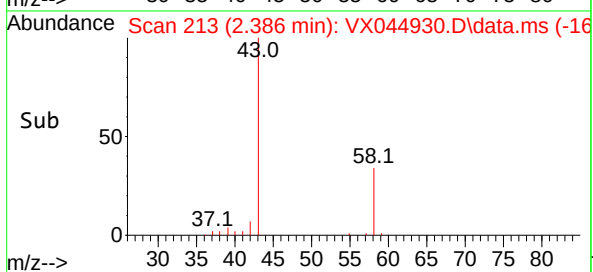
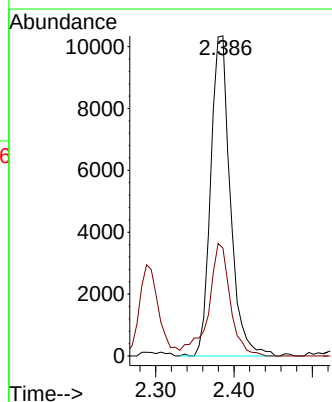
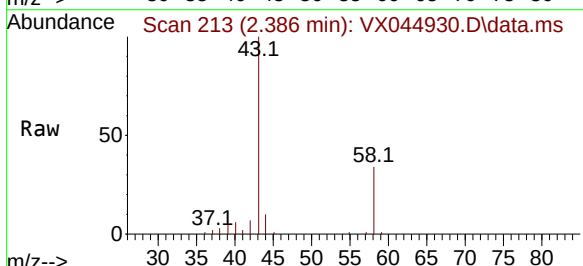
Acq: 12 Feb 2025 14:03

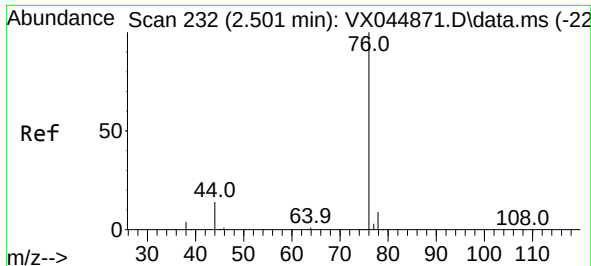
Tgt Ion: 43 Resp: 17967

Ion Ratio Lower Upper

43 100

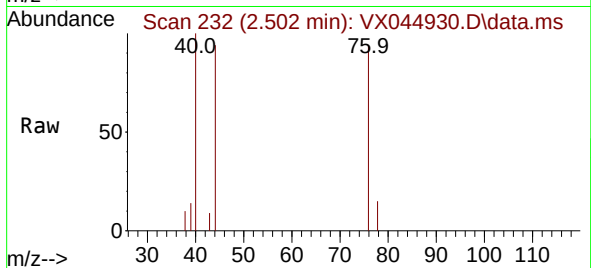
58 33.7 26.5 39.7



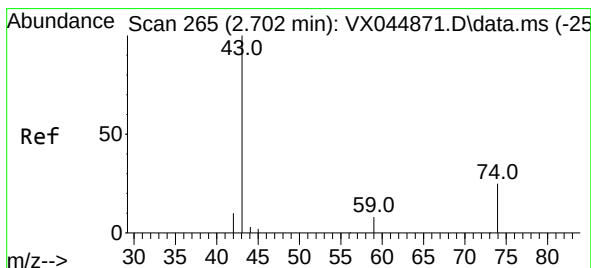
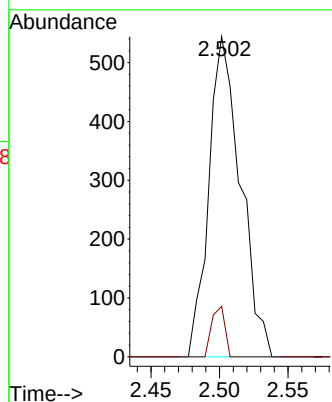
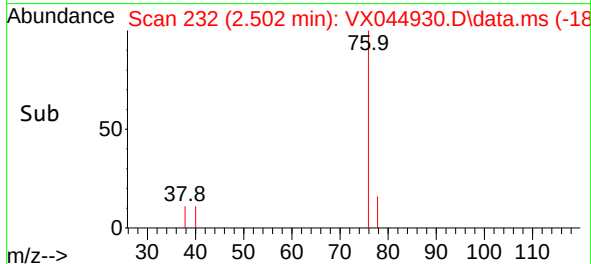


#17
Carbon Disulfide
Concen: 0.279 ug/l
RT: 2.502 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX044930.D
Acq: 12 Feb 2025 14:03

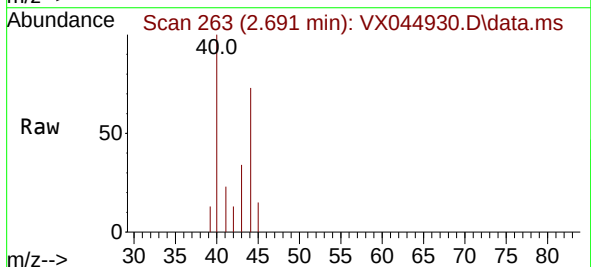
Instrument :
MSVOA_X
ClientSampleId :



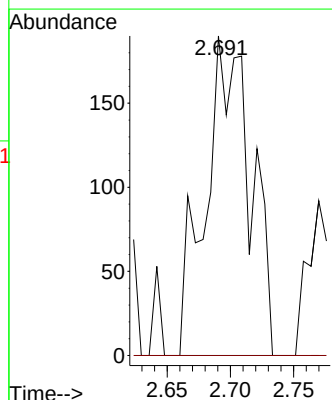
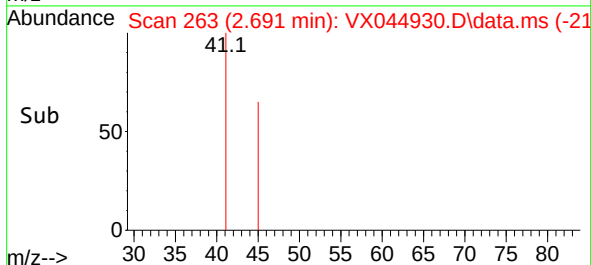
Tgt Ion: 76 Resp: 878
Ion Ratio Lower Upper
76 100
78 15.8 7.0 10.4#

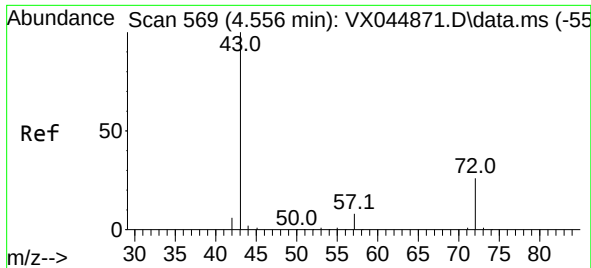


#18
Methyl Acetate
Concen: 0.285 ug/l
RT: 2.691 min Scan# 263
Delta R.T. -0.012 min
Lab File: VX044930.D
Acq: 12 Feb 2025 14:03



Tgt Ion: 43 Resp: 471
Ion Ratio Lower Upper
43 100
74 0.0 18.9 28.3#

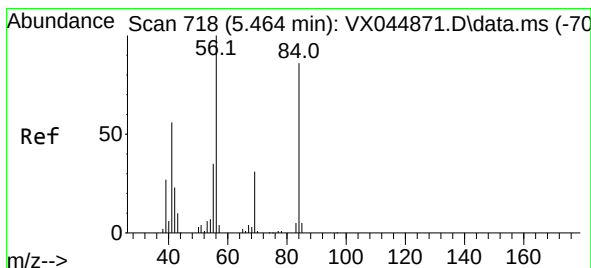
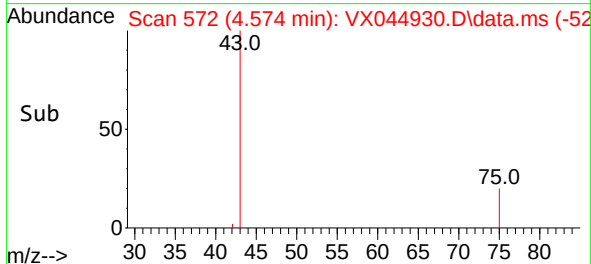
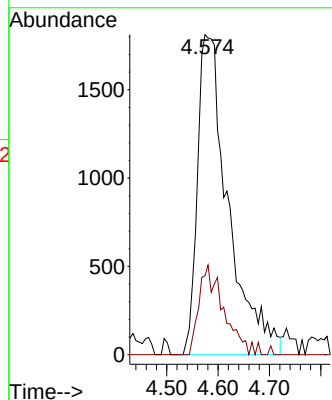
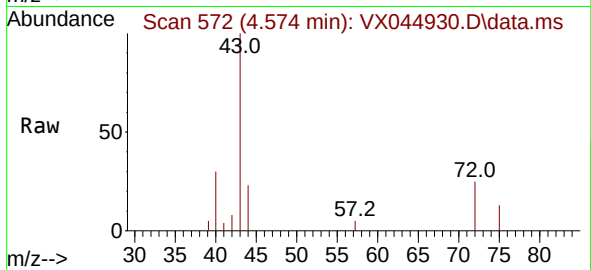




#25
2-Butanone
Concen: 8.850 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.019 min
Lab File: VX044930.D
Acq: 12 Feb 2025 14:03

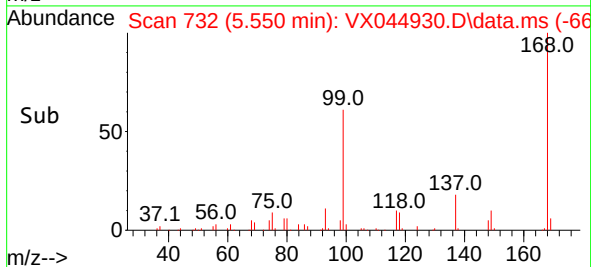
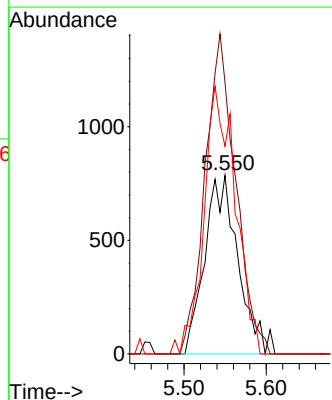
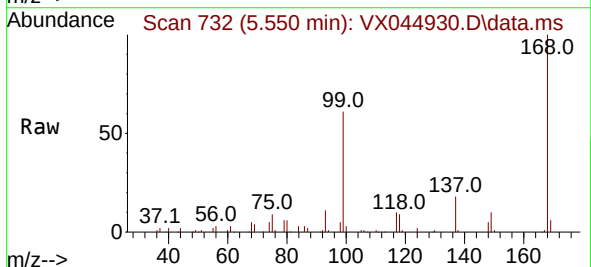
Instrument :
MSVOA_X
ClientSampleId :

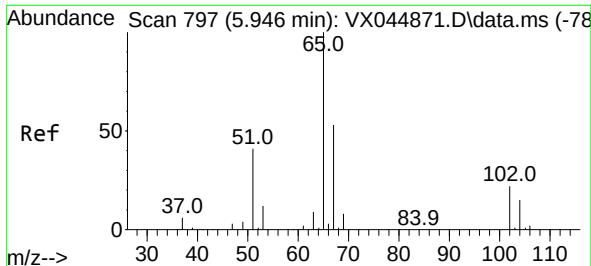
Tgt Ion: 43 Resp: 7534
Ion Ratio Lower Upper
43 100
72 24.7 21.2 31.8



#31
Cyclohexane
Concen: 1.091 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.086 min
Lab File: VX044930.D
Acq: 12 Feb 2025 14:03

Tgt Ion: 56 Resp: 2209
Ion Ratio Lower Upper
56 100
69 152.0 24.4 36.6#
84 116.3 69.0 103.6#





#33

1,2-Dichloroethane-d4

Concen: 56.404 ug/l

RT: 5.952 min Scan# 79

Delta R.T. 0.006 min

Lab File: VX044930.D

Acq: 12 Feb 2025 14:03

Instrument :

MSVOA_X

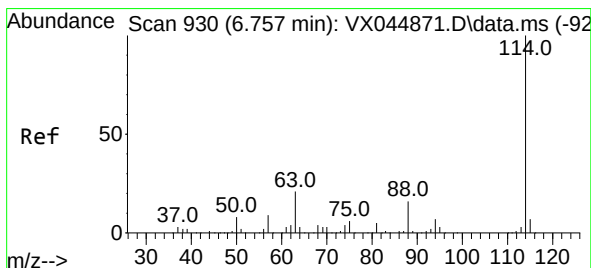
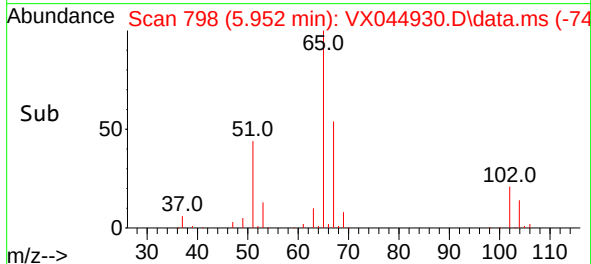
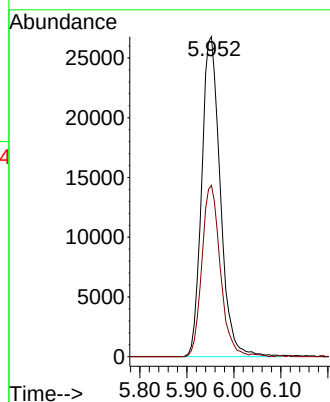
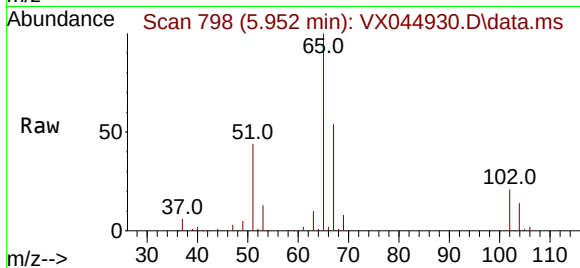
ClientSampleId :

Tgt Ion: 65 Resp: 73552

Ion Ratio Lower Upper

65 100

67 52.9 0.0 108.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX044930.D

Acq: 12 Feb 2025 14:03

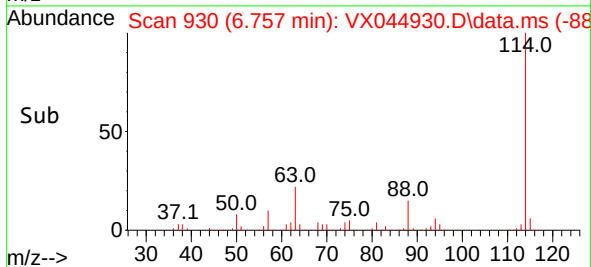
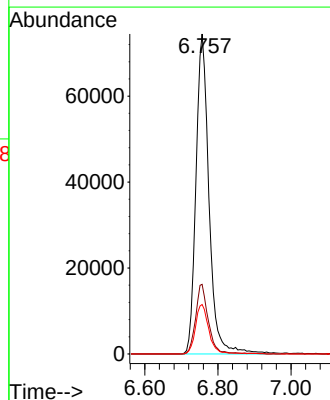
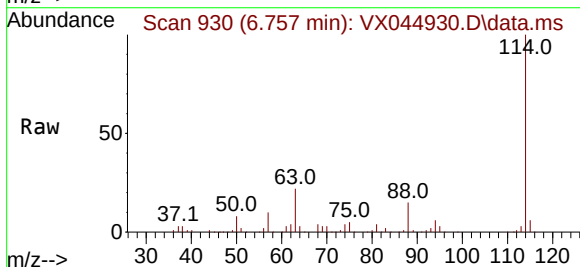
Tgt Ion: 114 Resp: 185691

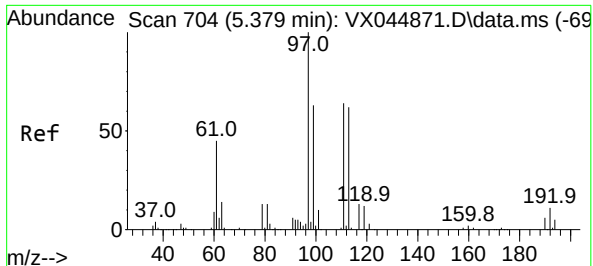
Ion Ratio Lower Upper

114 100

63 21.8 0.0 42.4

88 15.5 0.0 31.4

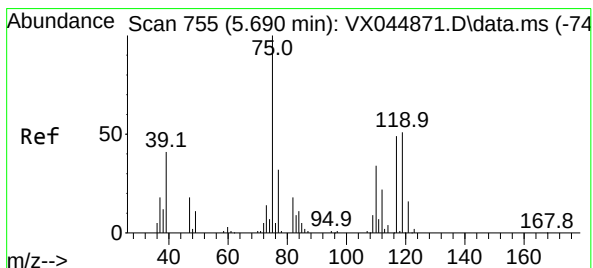
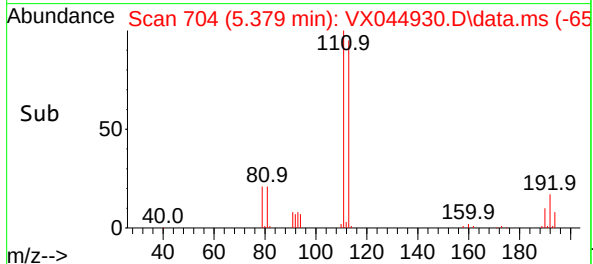
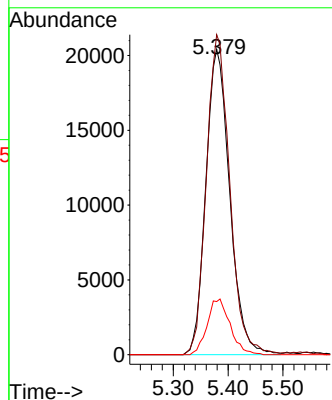
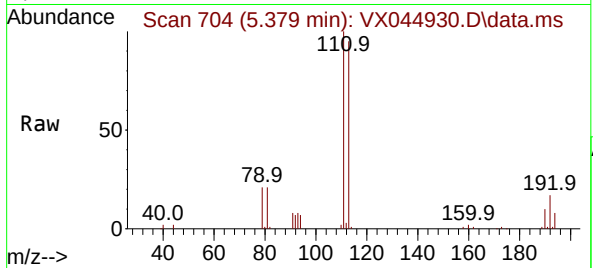




#35
Dibromofluoromethane
Concen: 51.088 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX044930.D
Acq: 12 Feb 2025 14:03

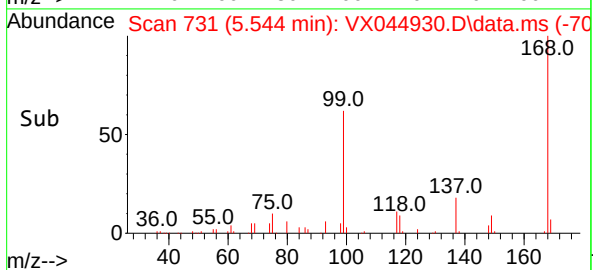
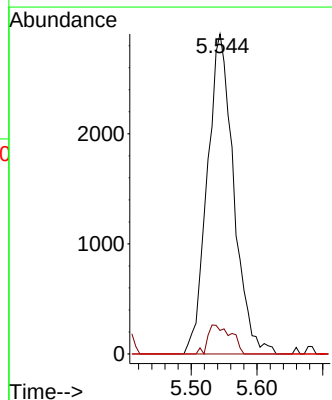
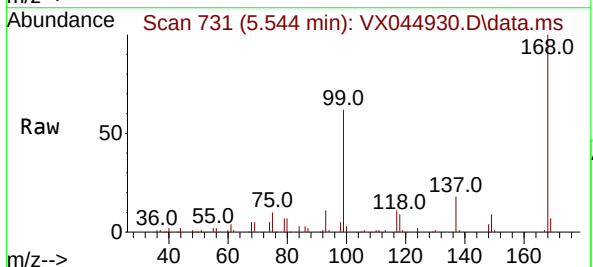
Instrument :
MSVOA_X
ClientSampleId :

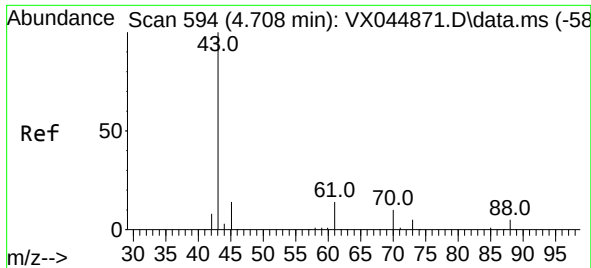
Tgt Ion:113 Resp: 61678
Ion Ratio Lower Upper
113 100
111 102.7 83.5 125.3
192 17.5 14.4 21.6



#36
1,1-Dichloropropene
Concen: 4.672 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.146 min
Lab File: VX044930.D
Acq: 12 Feb 2025 14:03

Tgt Ion: 75 Resp: 8137
Ion Ratio Lower Upper
75 100
110 8.0 17.2 51.6#
77 0.0 24.6 37.0#





#37

Ethyl Acetate

Concen: 3.889 ug/l

RT: 4.574 min Scan# 51

Delta R.T. -0.134 min

Lab File: VX044930.D

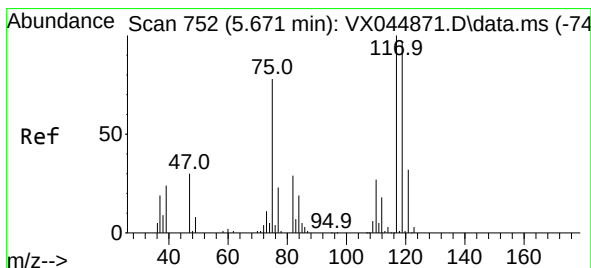
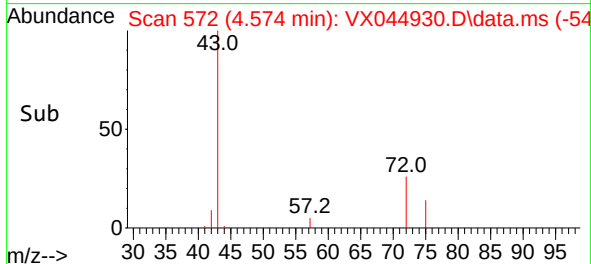
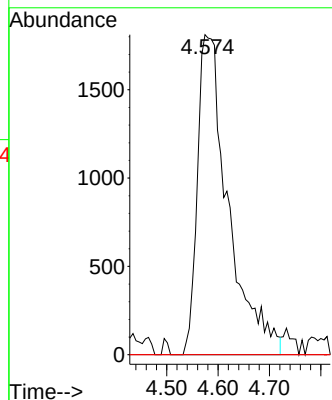
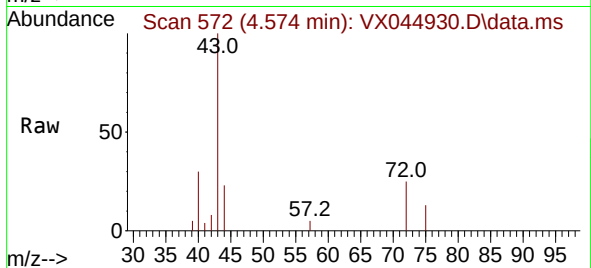
Acq: 12 Feb 2025 14:03

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 43	Resp: 7534
Ion Ratio	Lower Upper
43	100
61	0.0 11.0 16.4#
70	0.0 8.2 12.2#



#38

Carbon Tetrachloride

Concen: 5.430 ug/l

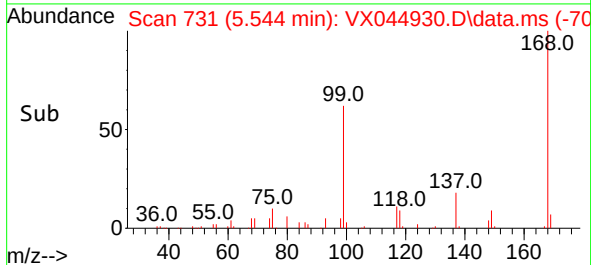
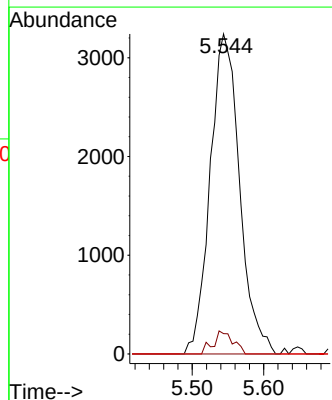
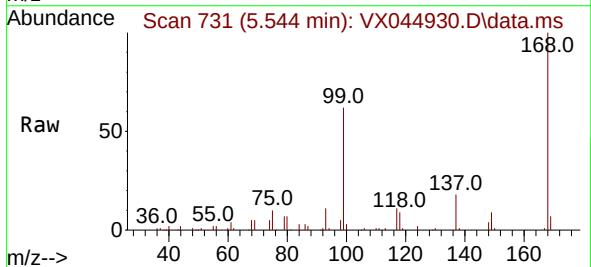
RT: 5.544 min Scan# 731

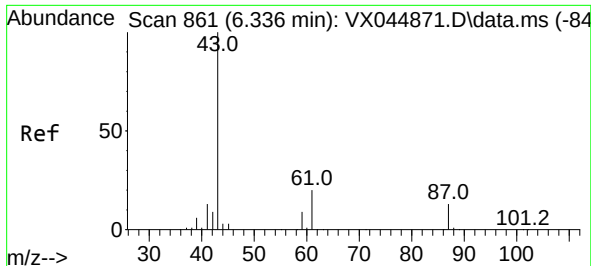
Delta R.T. -0.128 min

Lab File: VX044930.D

Acq: 12 Feb 2025 14:03

Tgt Ion: 117	Resp: 9268
Ion Ratio	Lower Upper
117	100
119	6.4 77.5 116.3#
121	0.0 25.6 38.4#

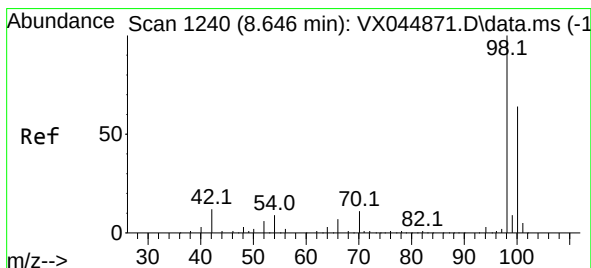
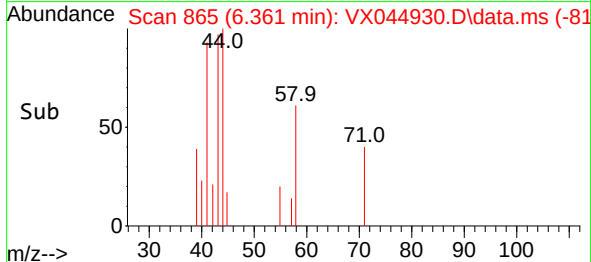
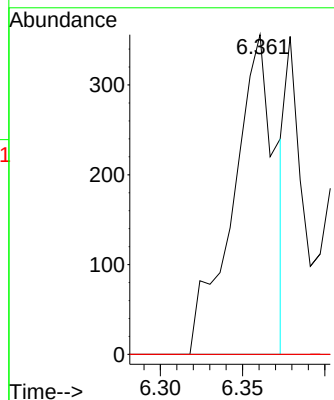
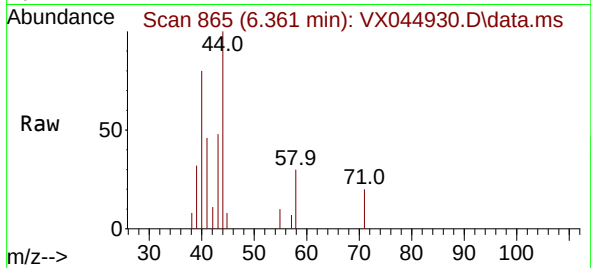




#43
Isopropyl Acetate
Concen: 0.204 ug/l
RT: 6.361 min Scan# 865
Delta R.T. 0.025 min
Lab File: VX044930.D
Acq: 12 Feb 2025 14:03

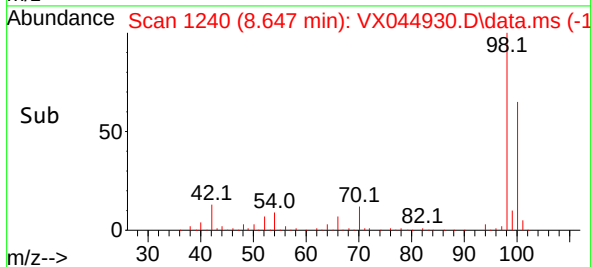
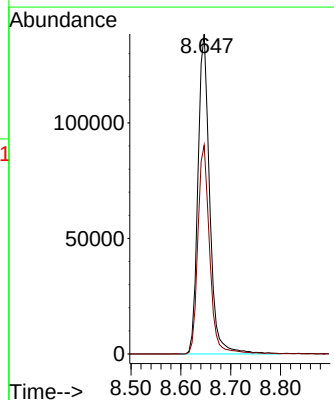
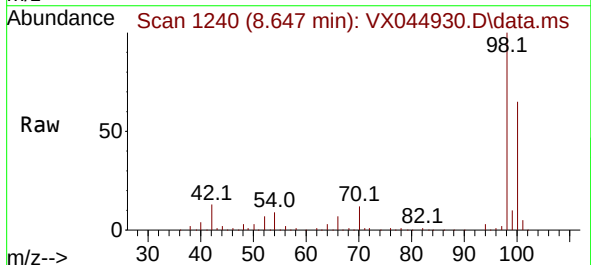
Instrument :
MSVOA_X
ClientSampleId :

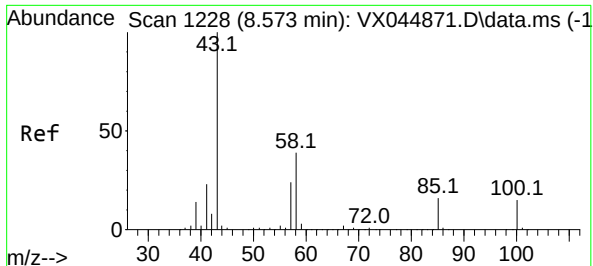
Tgt Ion: 43 Resp: 638
Ion Ratio Lower Upper
43 100
61 0.0 15.8 23.8#
87 0.0 10.0 15.0#



#50
Toluene-d8
Concen: 49.549 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX044930.D
Acq: 12 Feb 2025 14:03

Tgt Ion: 98 Resp: 226208
Ion Ratio Lower Upper
98 100
100 65.4 52.7 79.1

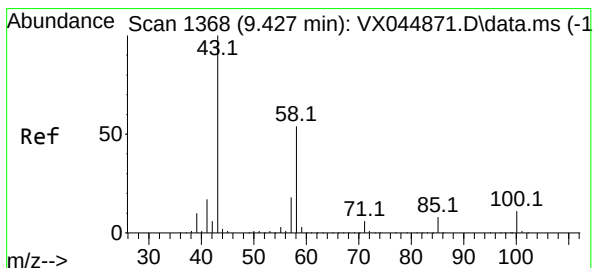
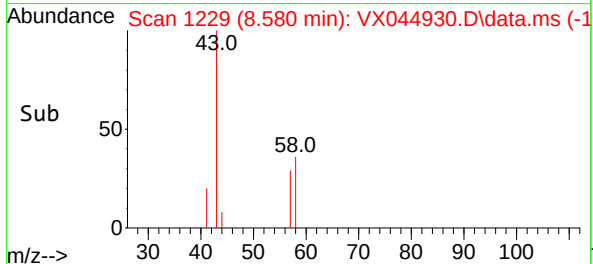
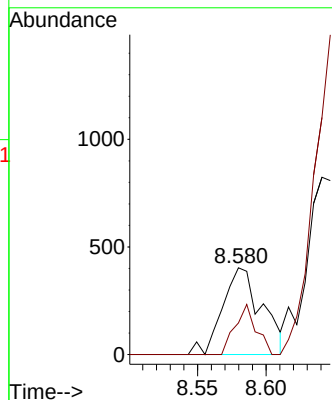
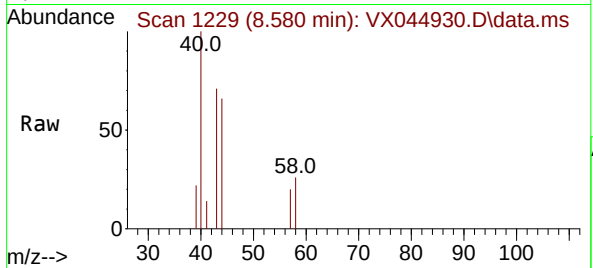




#51
4-Methyl-2-Pentanone
Concen: 0.422 ug/l
RT: 8.580 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX044930.D
Acq: 12 Feb 2025 14:03

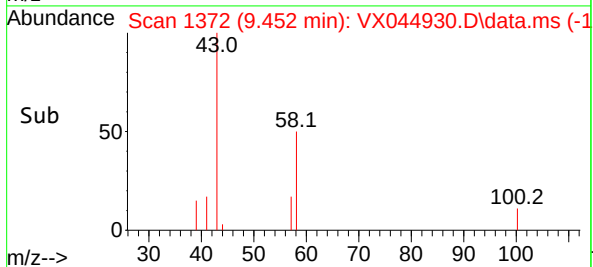
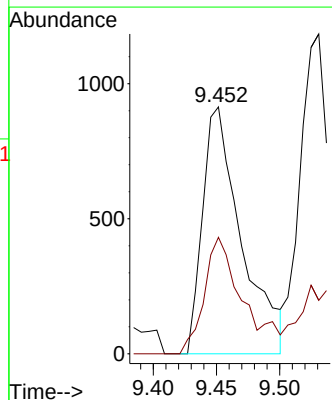
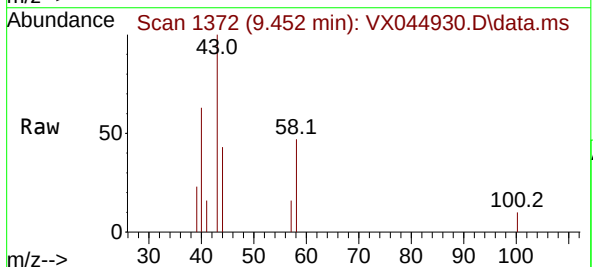
Instrument :
MSVOA_X
ClientSampleId :

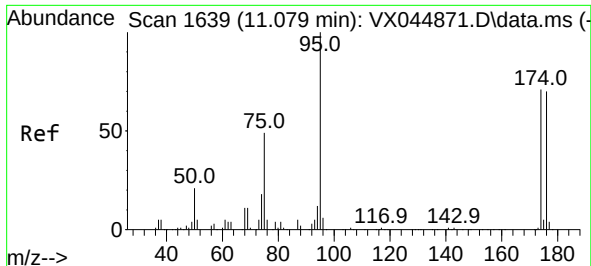
Tgt Ion: 43 Resp: 802
Ion Ratio Lower Upper
43 100
58 31.0 30.8 46.2



#59
2-Hexanone
Concen: 1.422 ug/l
RT: 9.452 min Scan# 1372
Delta R.T. 0.025 min
Lab File: VX044930.D
Acq: 12 Feb 2025 14:03

Tgt Ion: 43 Resp: 1949
Ion Ratio Lower Upper
43 100
58 47.0 27.5 82.4

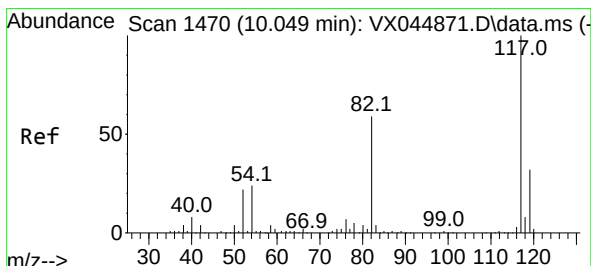
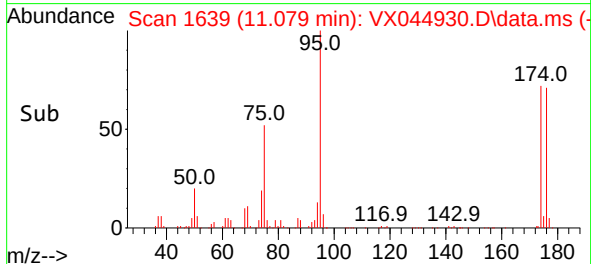
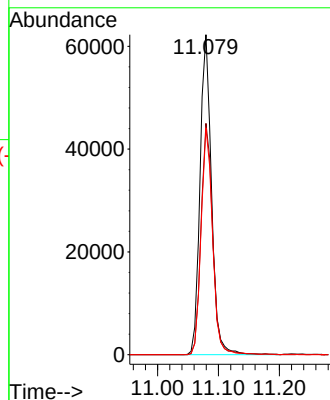
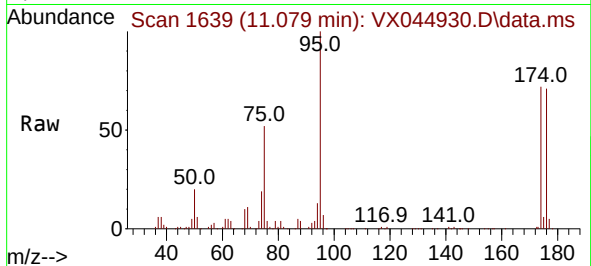




#62
4-Bromofluorobenzene
Concen: 52.713 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX044930.D
Acq: 12 Feb 2025 14:03

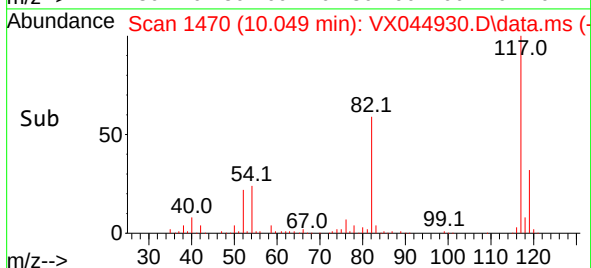
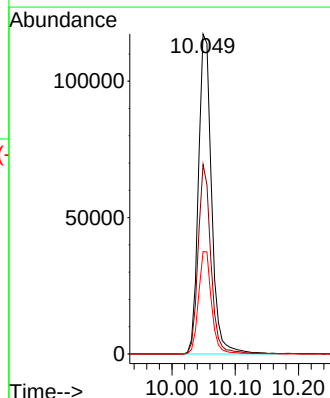
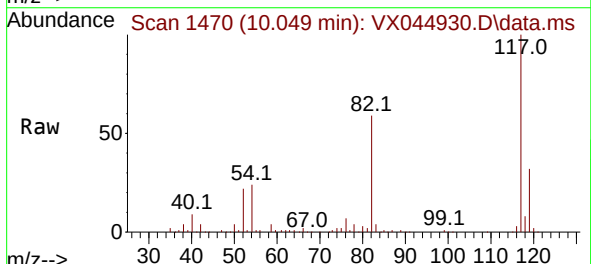
Instrument :
MSVOA_X
ClientSampleId :

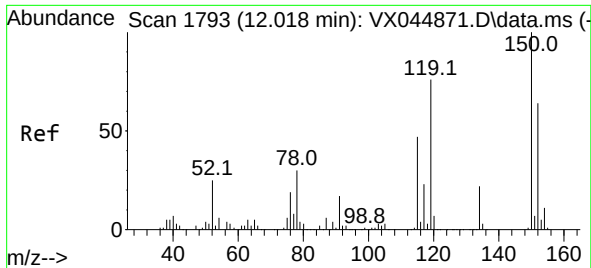
Tgt Ion: 95 Resp: 81128
Ion Ratio Lower Upper
95 100
174 73.6 0.0 142.6
176 71.0 0.0 141.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX044930.D
Acq: 12 Feb 2025 14:03

Tgt Ion: 117 Resp: 170107
Ion Ratio Lower Upper
117 100
82 59.2 47.5 71.3
119 32.0 25.4 38.0

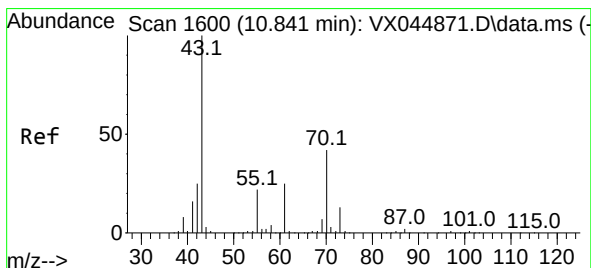
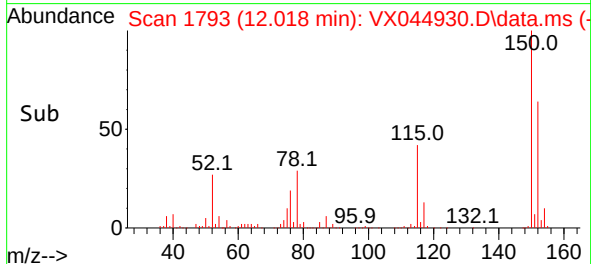
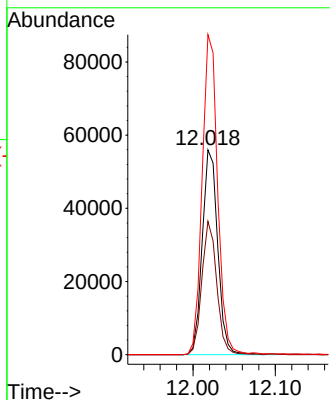
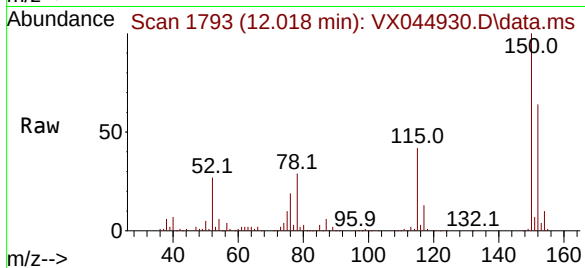




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX044930.D
 Acq: 12 Feb 2025 14:03

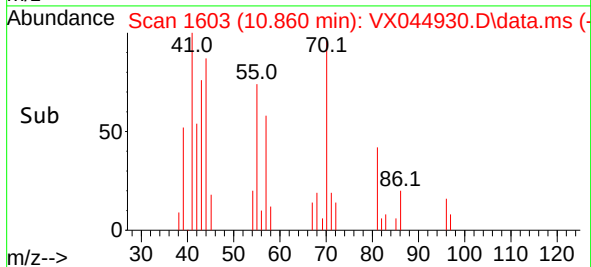
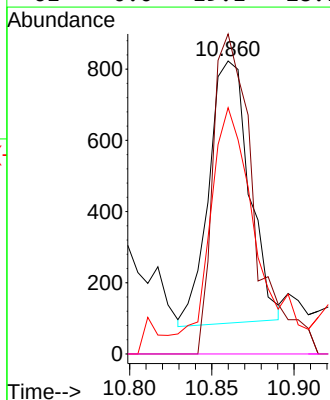
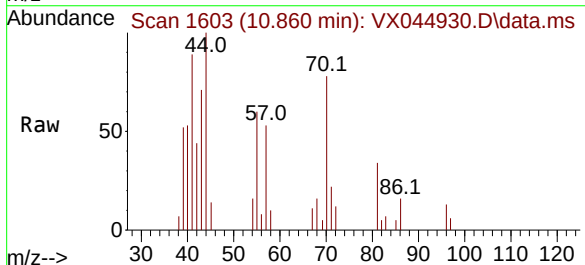
Instrument :
 MSVOA_X
 ClientSampleId :

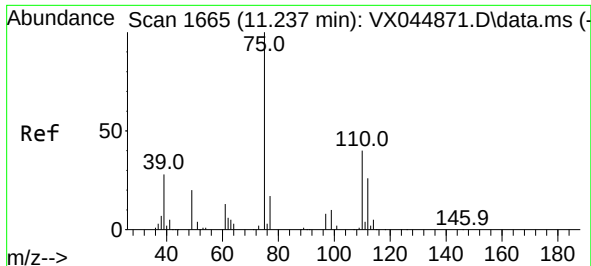
Tgt Ion:152 Resp: 73243
 Ion Ratio Lower Upper
 152 100
 115 62.8 43.4 130.1
 150 156.3 0.0 350.4



#74
 N-ethyl acetate
 Concen: 0.474 ug/l
 RT: 10.860 min Scan# 1603
 Delta R.T. 0.019 min
 Lab File: VX044930.D
 Acq: 12 Feb 2025 14:03

Tgt Ion: 43 Resp: 1265
 Ion Ratio Lower Upper
 43 100
 70 123.2 33.7 50.5#
 55 109.9 18.6 27.8#
 61 0.0 19.1 28.7#

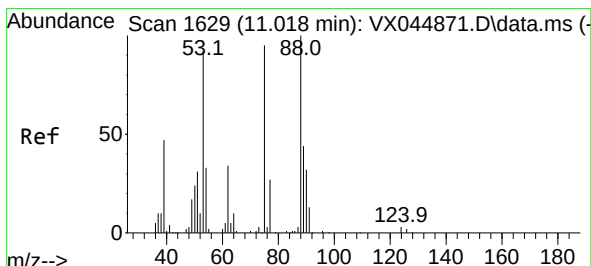
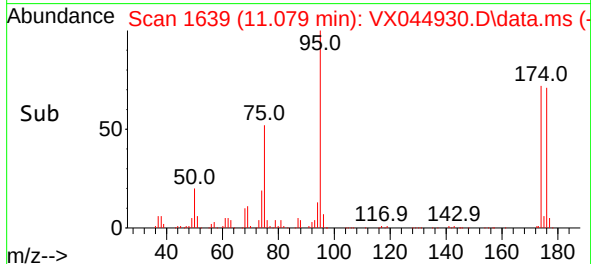
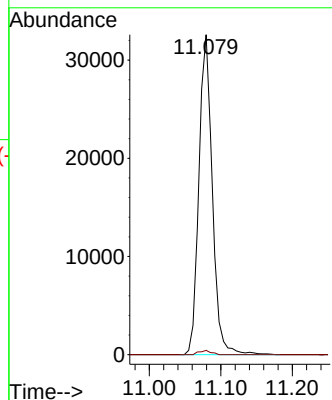
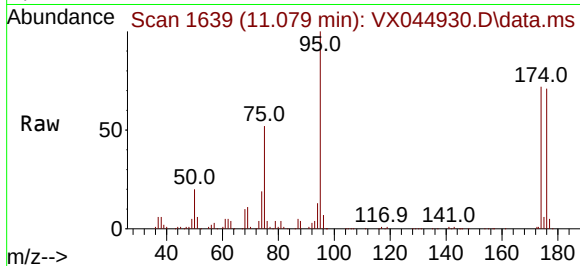




#76
1,2,3-Trichloropropane
Concen: 26.151 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX044930.D
Acq: 12 Feb 2025 14:03

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 42466
Ion Ratio Lower Upper
75 100
77 1.2 21.9 65.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 67.269 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX044930.D
Acq: 12 Feb 2025 14:03

Tgt Ion: 75 Resp: 42466
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 36.6 54.8#

