

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021225\
 Data File : VX044929.D
 Acq On : 12 Feb 2025 13:40
 Operator : JC/MD
 Sample : Q1347-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 13 00:50:46 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)

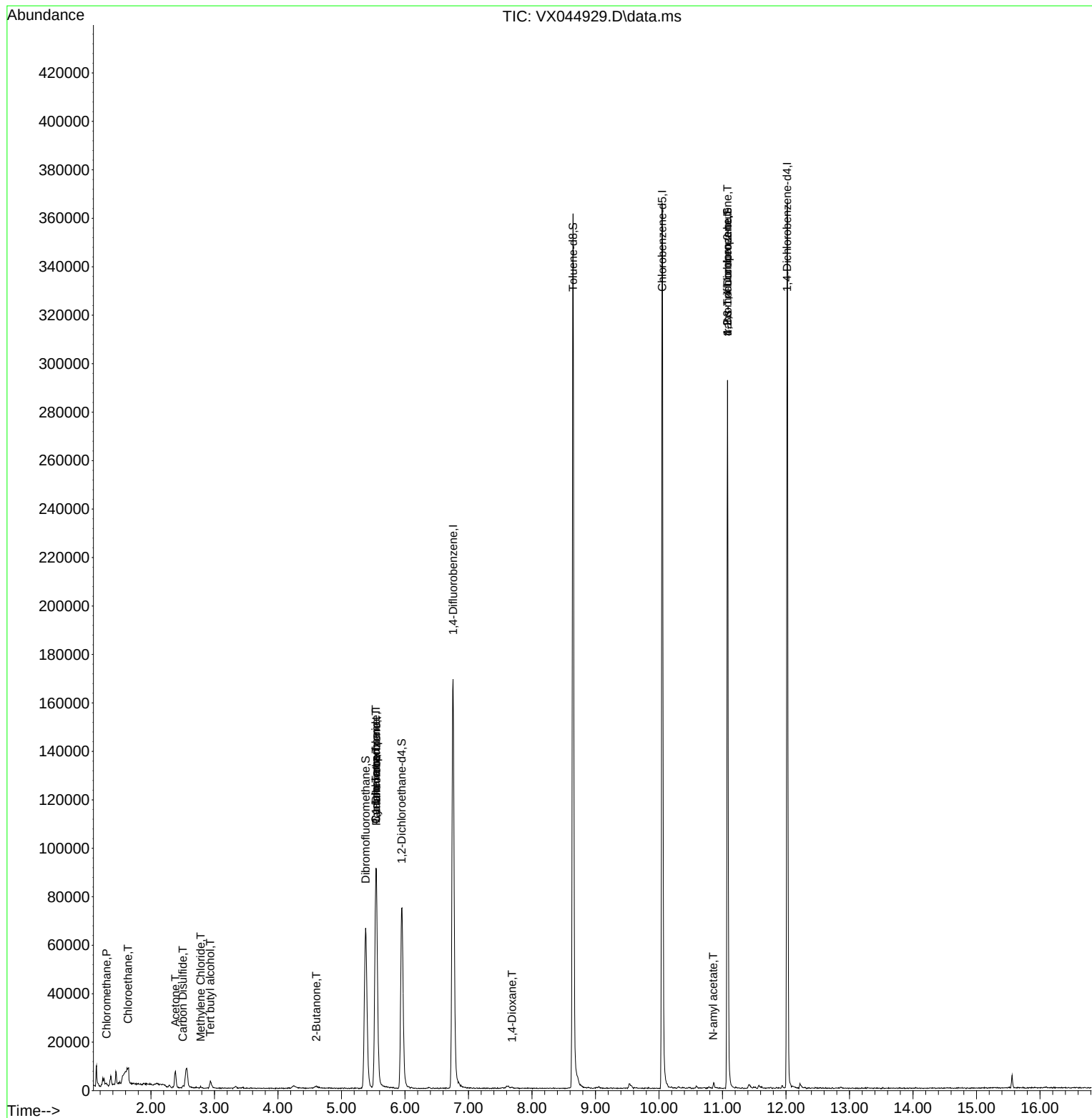
Internal Standards						
1) Pentafluorobenzene	5.550	168	87405	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	177786	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	164986	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	70815	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	71019	55.507	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	111.020%
35) Dibromofluoromethane	5.379	113	59283	51.287	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.580%
50) Toluene-d8	8.647	98	221697	50.721	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.440%
62) 4-Bromofluorobenzene	11.079	95	78758	53.448	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	106.900%
Target Compounds						
					Qvalue	
3) Chloromethane	1.301	50	599	0.401	ug/l	96
6) Chloroethane	1.636	64	161	1.571	ug/l #	42
11) Tert butyl alcohol	2.934	59	1741	7.335	ug/l #	73
16) Acetone	2.386	43	7472	14.527	ug/l	93
17) Carbon Disulfide	2.502	76	1166	0.377	ug/l #	76
20) Methylene Chloride	2.782	84	276	0.219	ug/l #	66
25) 2-Butanone	4.605	43	1721	2.061	ug/l	99
31) Cyclohexane	5.544	56	2304	1.160	ug/l #	15
36) 1,1-Dichloropropene	5.544	75	7683	4.607	ug/l #	49
38) Carbon Tetrachloride	5.544	117	9266	5.670	ug/l #	15
49) 1,4-Dioxane	7.684	88	109	3.597	ug/l #	1
74) N-amyl acetate	10.854	43	528	0.205	ug/l #	25
76) 1,2,3-Trichloropropane	11.079	75	41251	26.273	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	41251	67.585	ug/l #	11

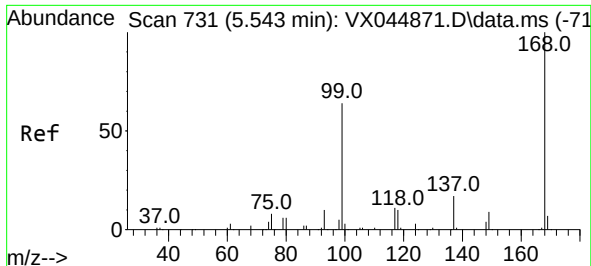
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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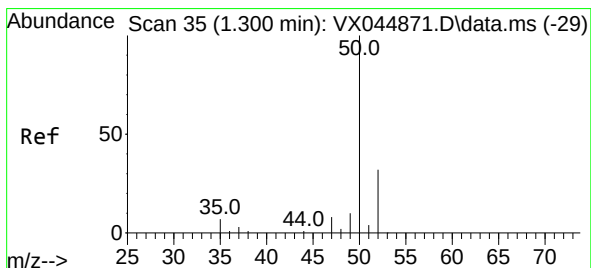
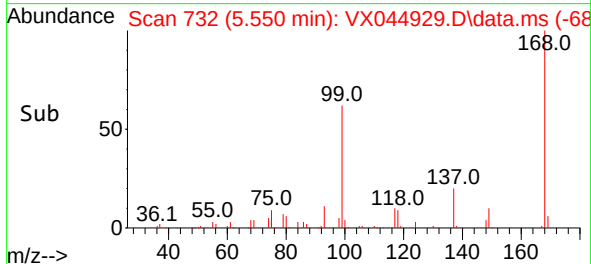
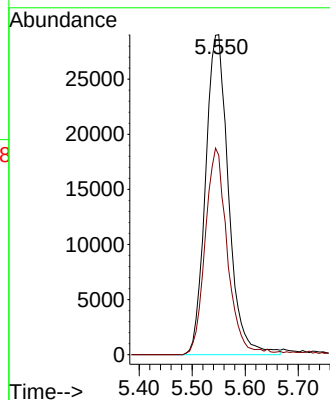
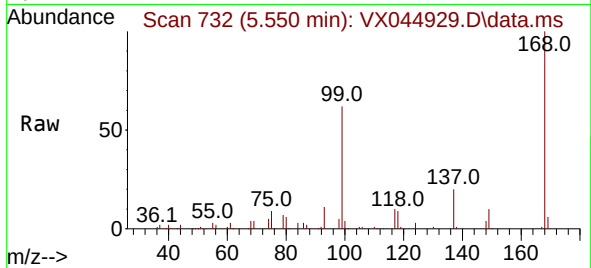




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX044929.D
Acq: 12 Feb 2025 13:40

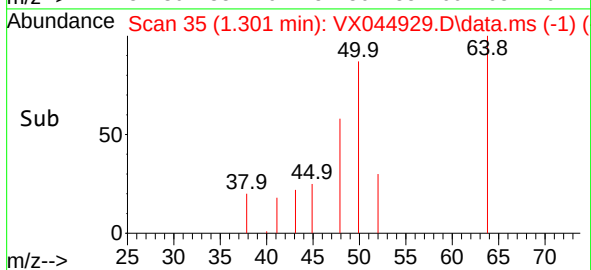
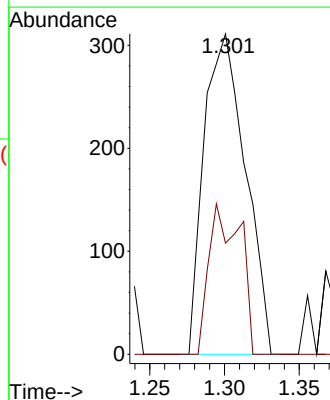
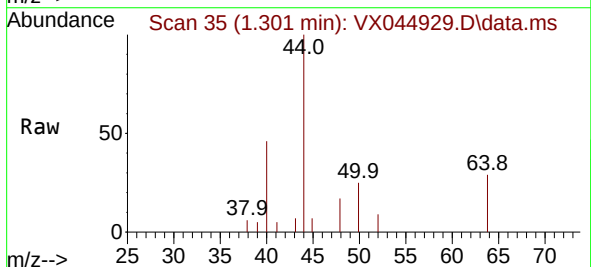
Instrument :
MSVOA_X
ClientSampleId :

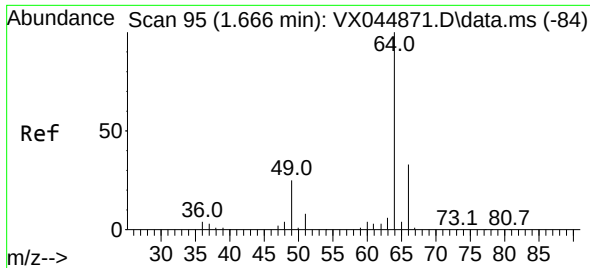
Tgt Ion:168 Resp: 87405
Ion Ratio Lower Upper
168 100
99 62.3 51.2 76.8



#3
Chloromethane
Concen: 0.401 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.000 min
Lab File: VX044929.D
Acq: 12 Feb 2025 13:40

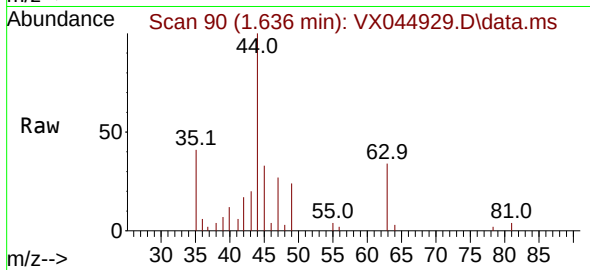
Tgt Ion: 50 Resp: 599
Ion Ratio Lower Upper
50 100
52 34.7 25.9 38.9



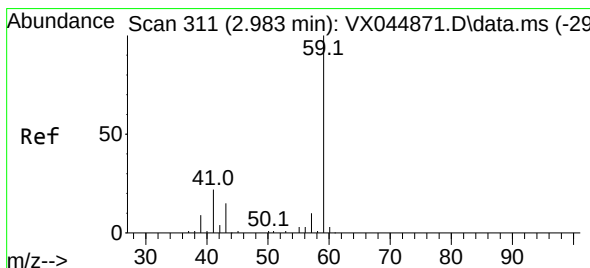
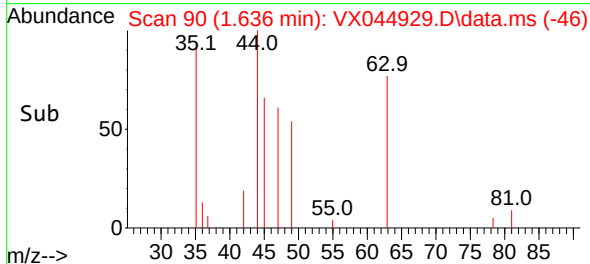
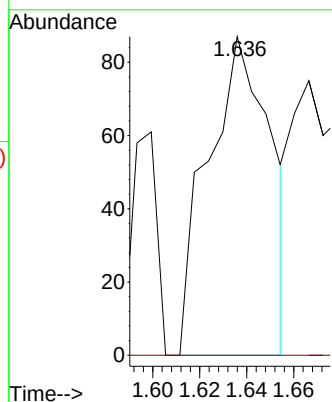


#6
Chloroethane
Concen: 1.571 ug/l
RT: 1.636 min Scan# 90
Delta R.T. -0.030 min
Lab File: VX044929.D
Acq: 12 Feb 2025 13:40

Instrument :
MSVOA_X
ClientSampleId :

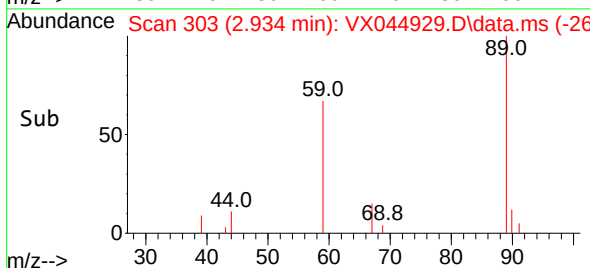
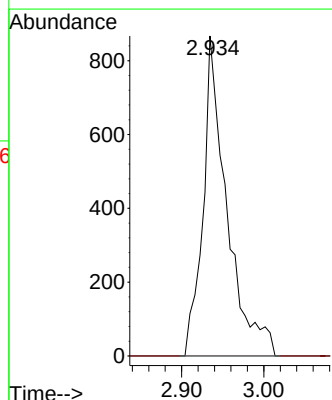
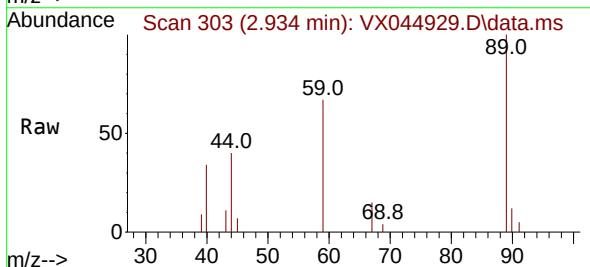


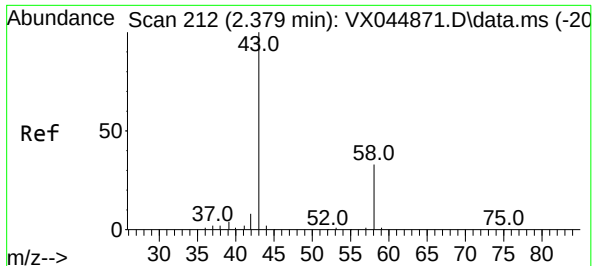
Tgt Ion: 64 Resp: 161
Ion Ratio Lower Upper
64 100
66 0.0 25.9 38.9#



#11
Tert butyl alcohol
Concen: 7.335 ug/l
RT: 2.934 min Scan# 303
Delta R.T. -0.048 min
Lab File: VX044929.D
Acq: 12 Feb 2025 13:40

Tgt Ion: 59 Resp: 1741
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

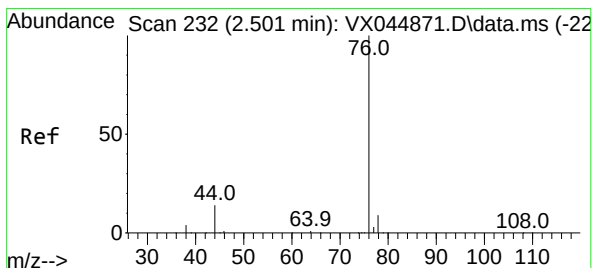
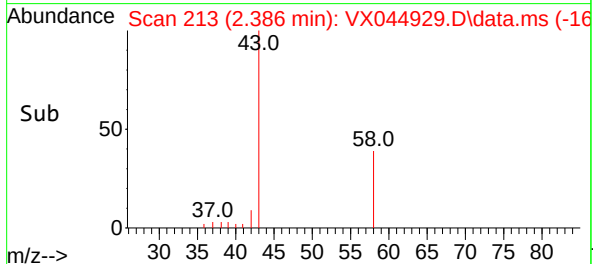
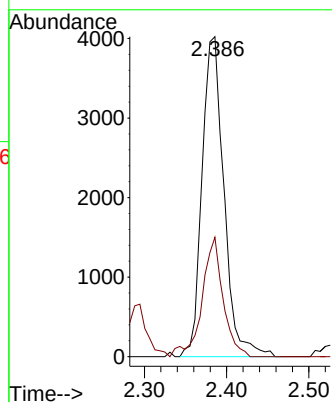
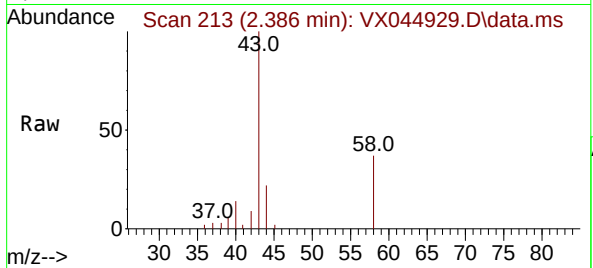




#16
Acetone
Concen: 14.527 ug/l
RT: 2.386 min Scan# 212
Delta R.T. 0.007 min
Lab File: VX044929.D
Acq: 12 Feb 2025 13:40

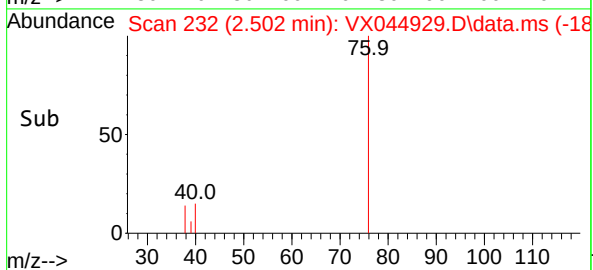
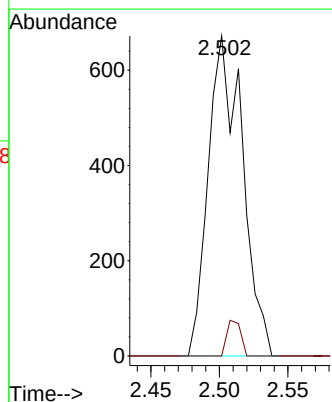
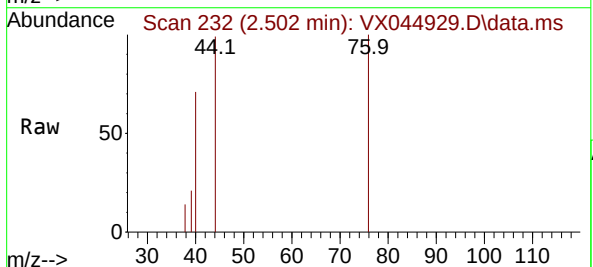
Instrument :
MSVOA_X
ClientSampleId :

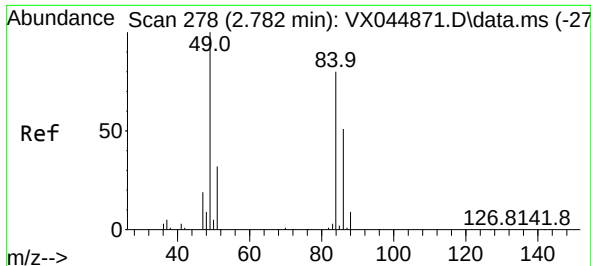
Tgt Ion: 43 Resp: 7472
Ion Ratio Lower Upper
43 100
58 37.3 26.5 39.7



#17
Carbon Disulfide
Concen: 0.377 ug/l
RT: 2.502 min Scan# 232
Delta R.T. 0.000 min
Lab File: VX044929.D
Acq: 12 Feb 2025 13:40

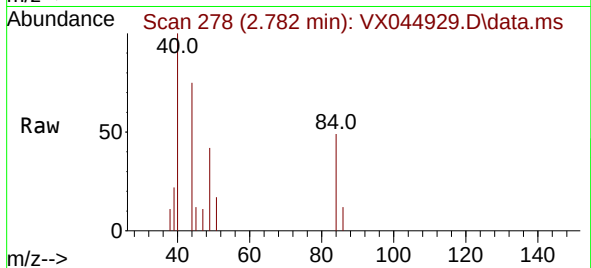
Tgt Ion: 76 Resp: 1166
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.4#



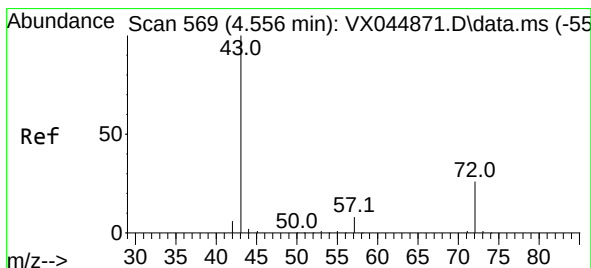
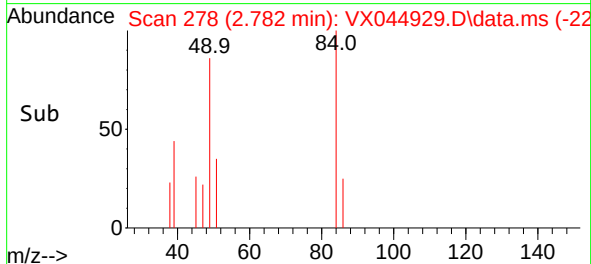
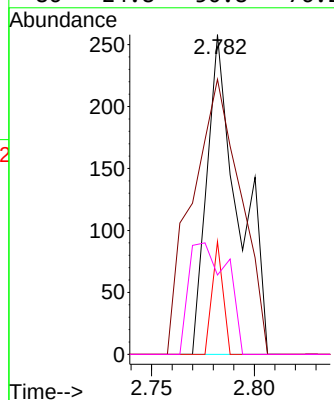


#20
Methylene Chloride
Concen: 0.219 ug/l
RT: 2.782 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX044929.D
Acq: 12 Feb 2025 13:40

Instrument :
MSVOA_X
ClientSampleId :

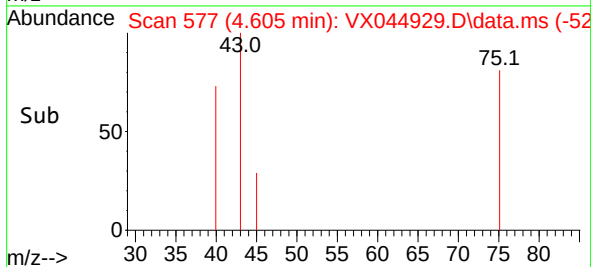
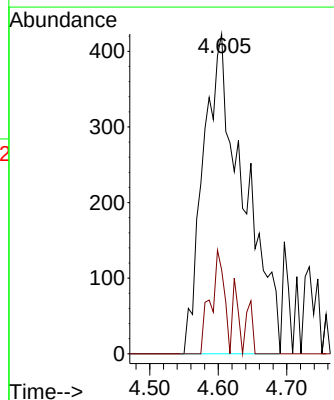
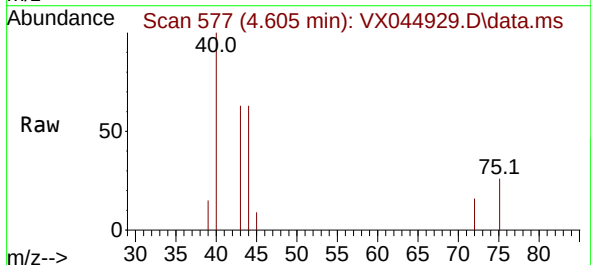


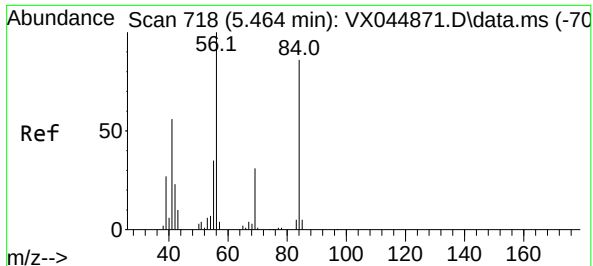
Tgt Ion:	84	Resp:	276
Ion	Ratio	Lower	Upper
84	100		
49	86.0	100.1	150.1#
51	35.3	31.7	47.5
86	24.8	50.8	76.2#



#25
2-Butanone
Concen: 2.061 ug/l
RT: 4.605 min Scan# 577
Delta R.T. 0.049 min
Lab File: VX044929.D
Acq: 12 Feb 2025 13:40

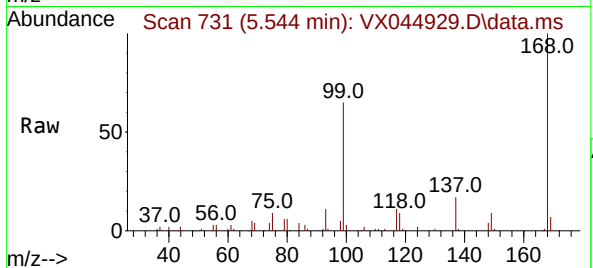
Tgt Ion:	43	Resp:	1721
Ion	Ratio	Lower	Upper
43	100		
72	26.2	21.2	31.8



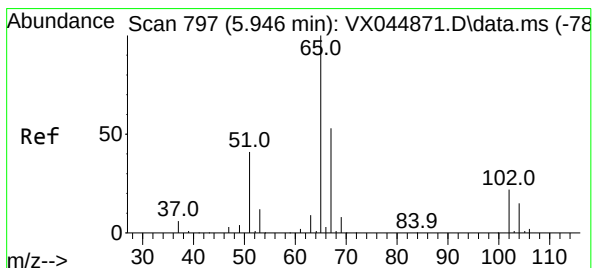
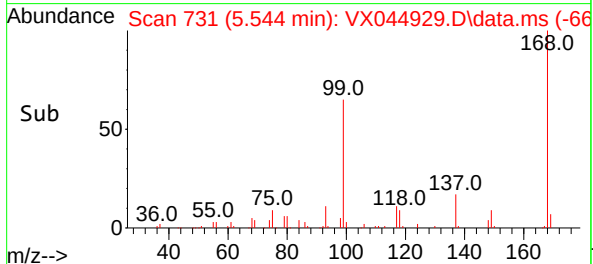
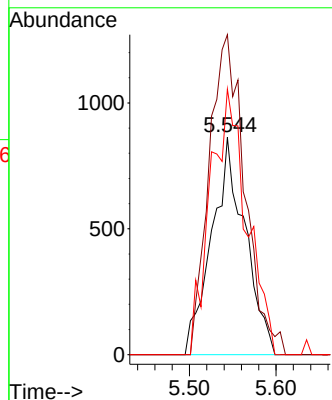


#31
Cyclohexane
Concen: 1.160 ug/l
RT: 5.544 min Scan# 718
Delta R.T. 0.080 min
Lab File: VX044929.D
Acq: 12 Feb 2025 13:40

Instrument :
MSVOA_X
ClientSampleId :

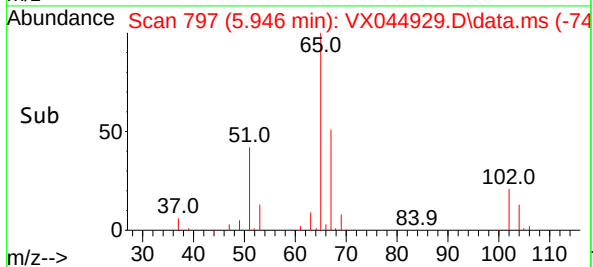
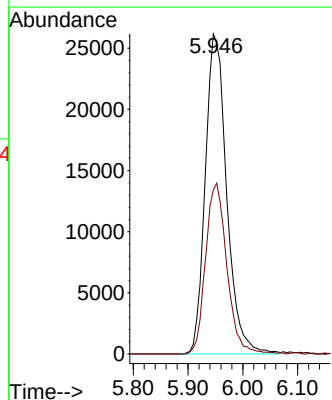
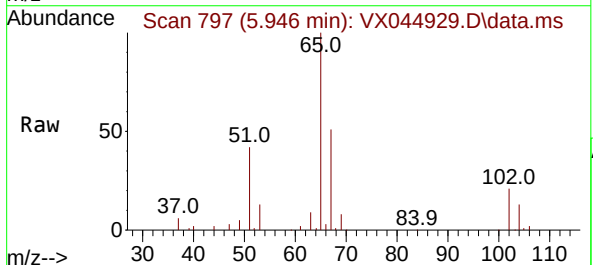


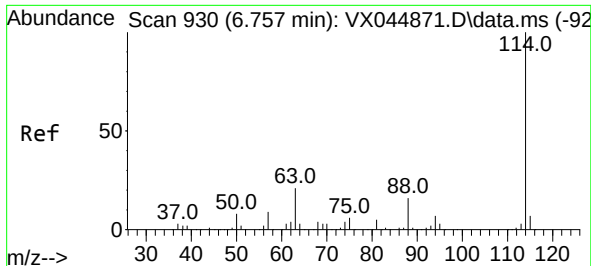
Tgt Ion: 56 Resp: 2304
Ion Ratio Lower Upper
56 100
69 147.1 24.4 36.6#
84 122.1 69.0 103.6#



#33
1,2-Dichloroethane-d4
Concen: 55.507 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.000 min
Lab File: VX044929.D
Acq: 12 Feb 2025 13:40

Tgt Ion: 65 Resp: 71019
Ion Ratio Lower Upper
65 100
67 53.0 0.0 108.2

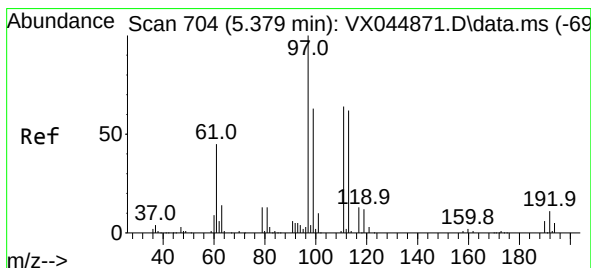
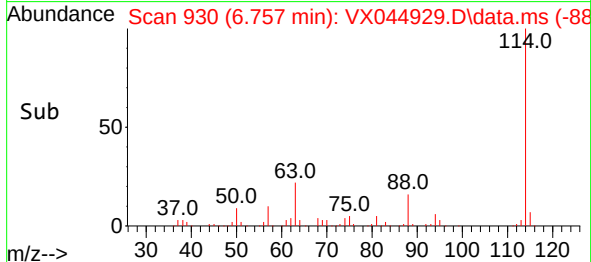
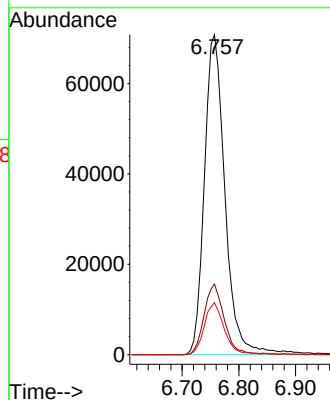
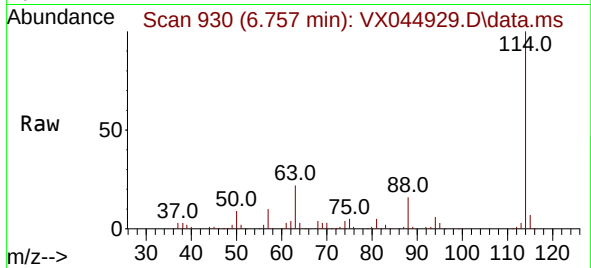




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX044929.D
Acq: 12 Feb 2025 13:40

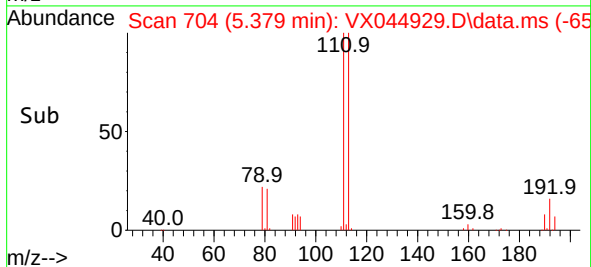
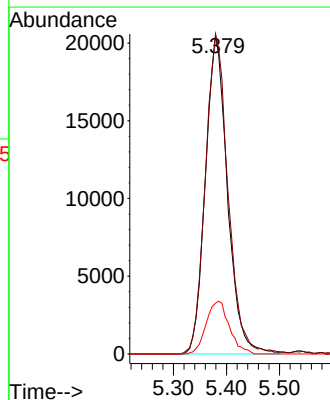
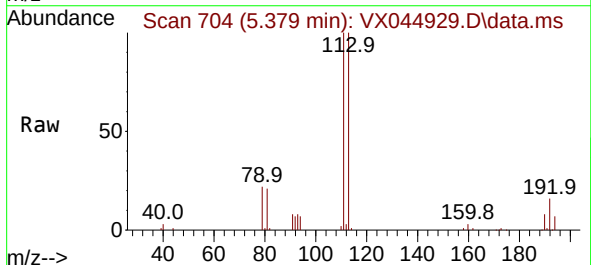
Instrument :
MSVOA_X
ClientSampleId :

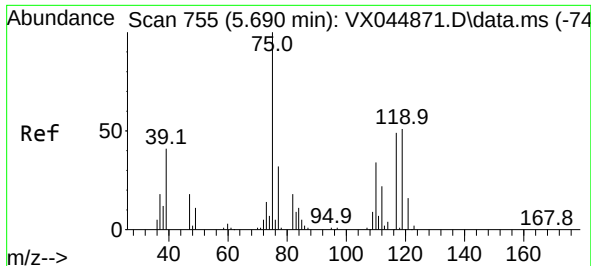
Tgt Ion:114 Resp: 177786
Ion Ratio Lower Upper
114 100
63 22.1 0.0 42.4
88 16.3 0.0 31.4



#35
Dibromofluoromethane
Concen: 51.287 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX044929.D
Acq: 12 Feb 2025 13:40

Tgt Ion:113 Resp: 59283
Ion Ratio Lower Upper
113 100
111 103.2 83.5 125.3
192 17.4 14.4 21.6

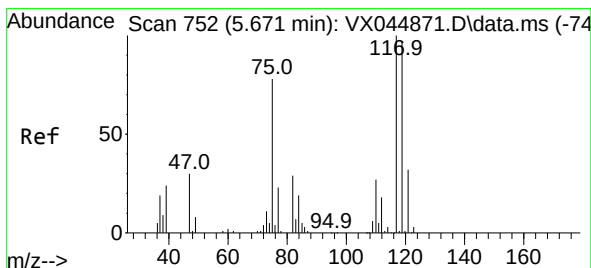
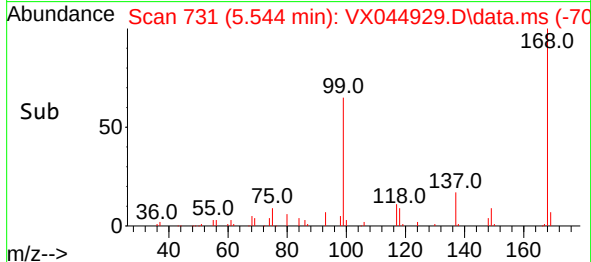
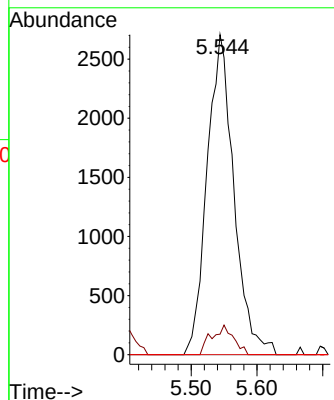
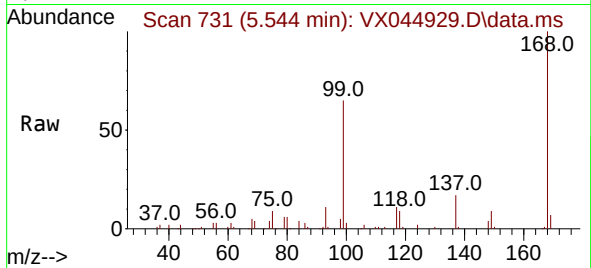




#36
 1,1-Dichloropropene
 Concen: 4.607 ug/l
 RT: 5.544 min Scan# 711
 Delta R.T. -0.146 min
 Lab File: VX044929.D
 Acq: 12 Feb 2025 13:40

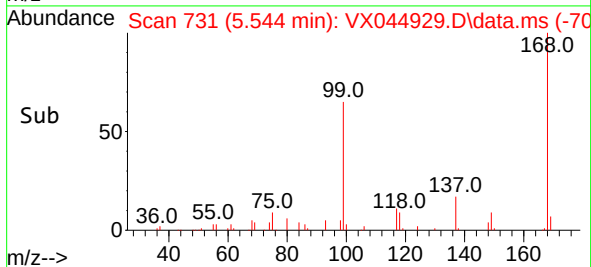
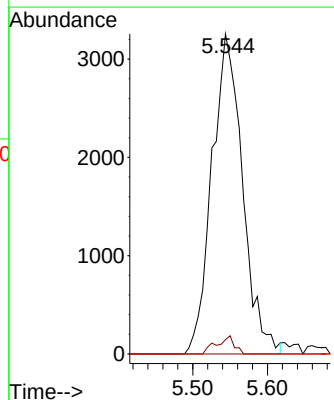
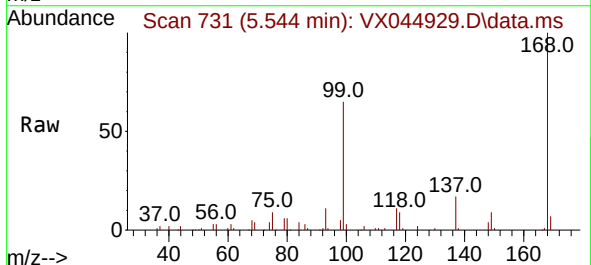
Instrument :
 MSVOA_X
 ClientSampleId :

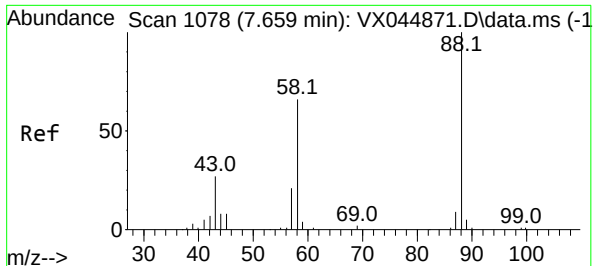
Tgt Ion: 75 Resp: 7683
 Ion Ratio Lower Upper
 75 100
 110 7.5 17.2 51.6#
 77 0.0 24.6 37.0#



#38
 Carbon Tetrachloride
 Concen: 5.670 ug/l
 RT: 5.544 min Scan# 731
 Delta R.T. -0.128 min
 Lab File: VX044929.D
 Acq: 12 Feb 2025 13:40

Tgt Ion: 117 Resp: 9266
 Ion Ratio Lower Upper
 117 100
 119 4.5 77.5 116.3#
 121 0.0 25.6 38.4#





#49

1,4-Dioxane

Concen: 3.597 ug/l

RT: 7.684 min Scan# 1082

Delta R.T. 0.025 min

Lab File: VX044929.D

Acq: 12 Feb 2025 13:40

Instrument :

MSVOA_X

ClientSampleId :

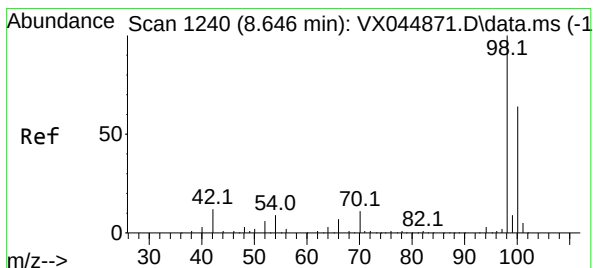
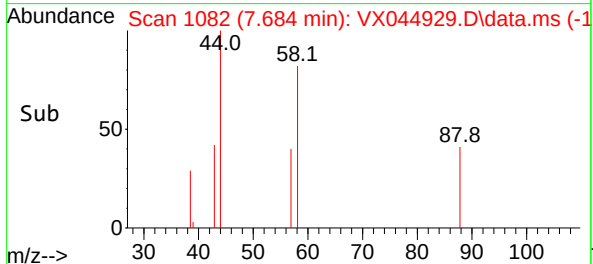
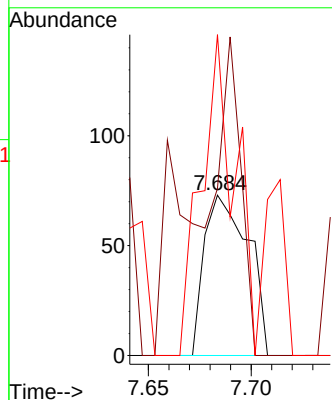
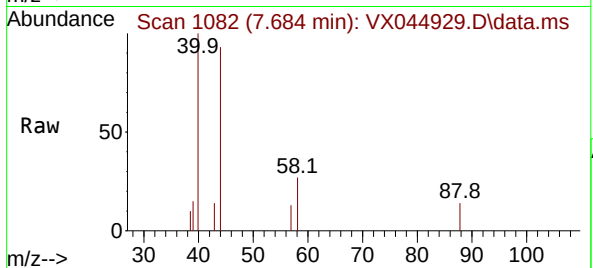
Tgt Ion: 88 Resp: 109

Ion Ratio Lower Upper

88 100

43 100.0 26.6 39.8#

58 155.0 55.9 83.9#



#50

Toluene-d8

Concen: 50.721 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX044929.D

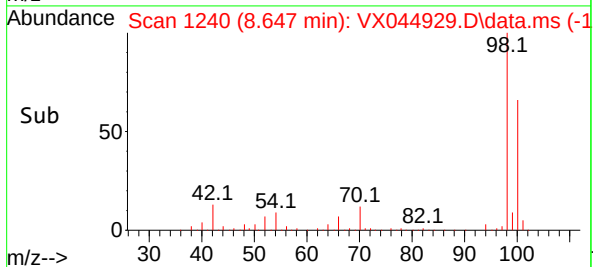
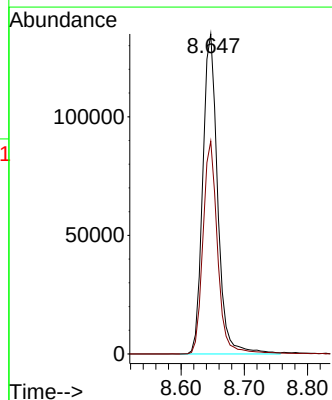
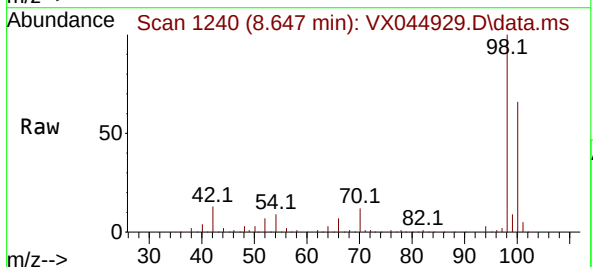
Acq: 12 Feb 2025 13:40

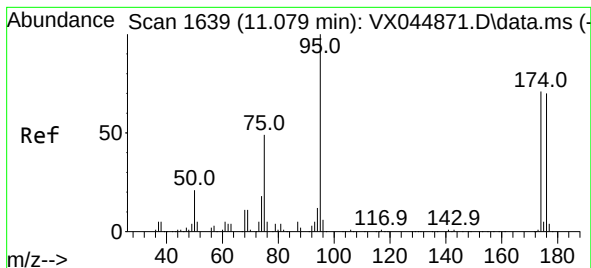
Tgt Ion: 98 Resp: 221697

Ion Ratio Lower Upper

98 100

100 65.4 52.7 79.1

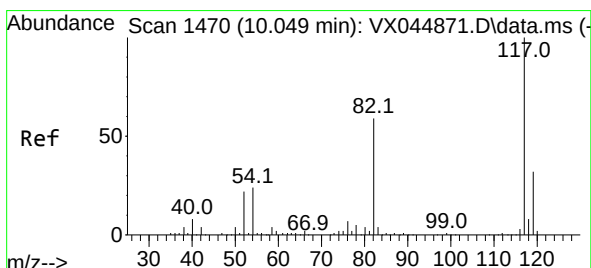
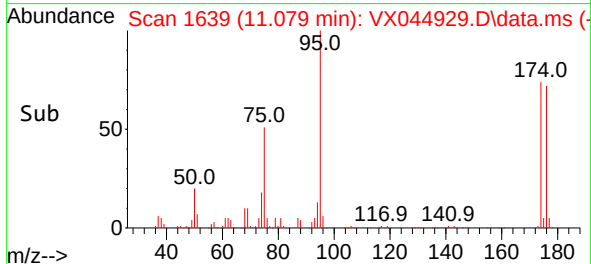
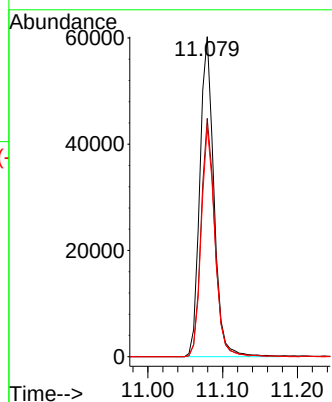
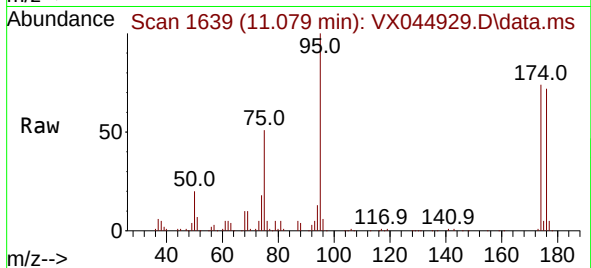




#62
4-Bromofluorobenzene
Concen: 53.448 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX044929.D
Acq: 12 Feb 2025 13:40

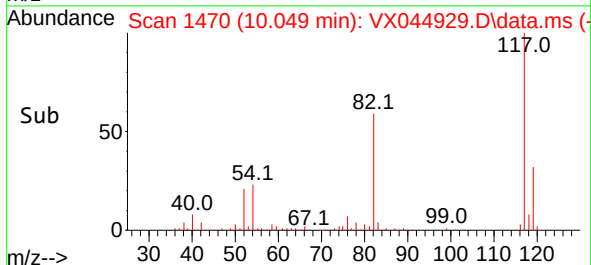
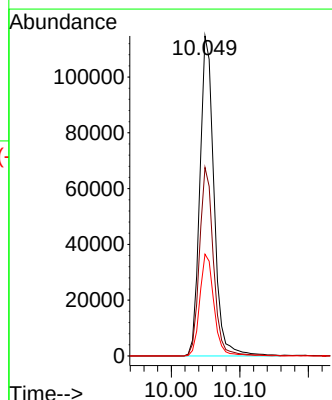
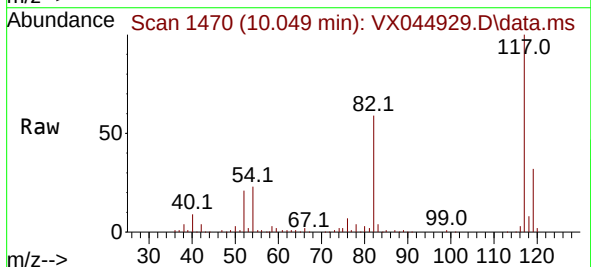
Instrument :
MSVOA_X
ClientSampleId :

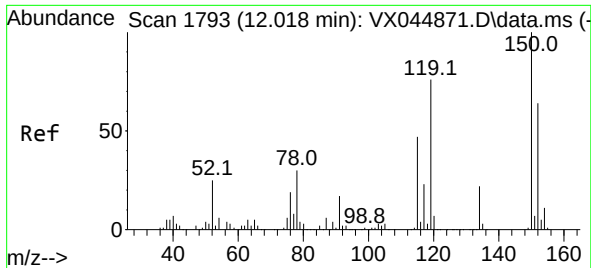
Tgt Ion: 95 Resp: 78758
Ion Ratio Lower Upper
95 100
174 72.8 0.0 142.6
176 70.0 0.0 141.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX044929.D
Acq: 12 Feb 2025 13:40

Tgt Ion: 117 Resp: 164986
Ion Ratio Lower Upper
117 100
82 58.9 47.5 71.3
119 31.8 25.4 38.0

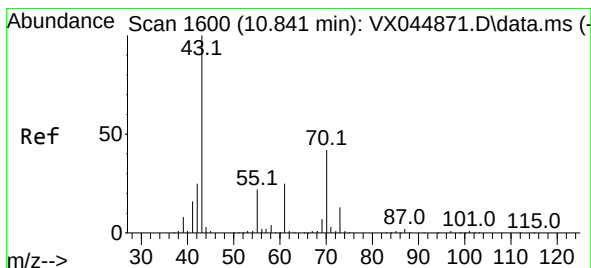
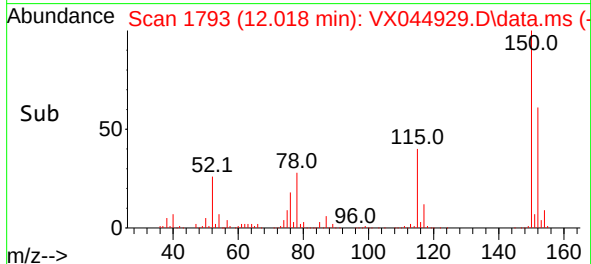
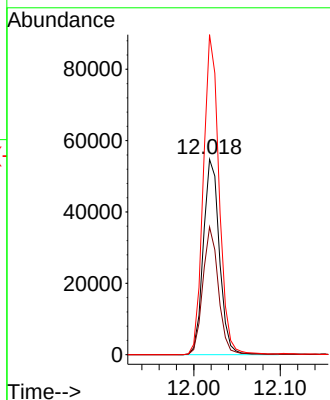
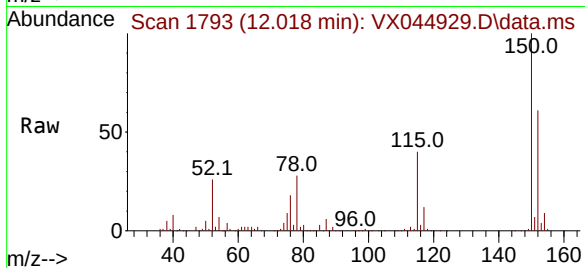




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX044929.D
Acq: 12 Feb 2025 13:40

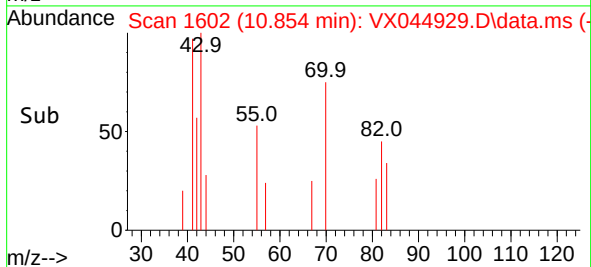
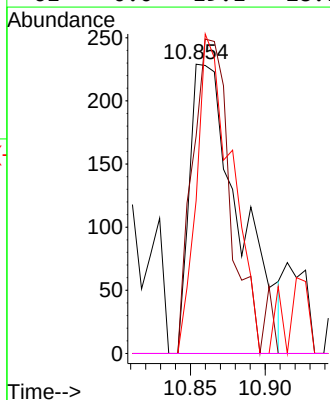
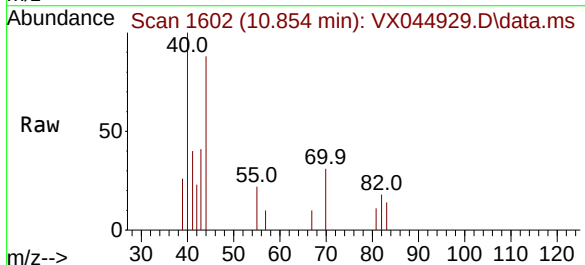
Instrument :
MSVOA_X
ClientSampleId :

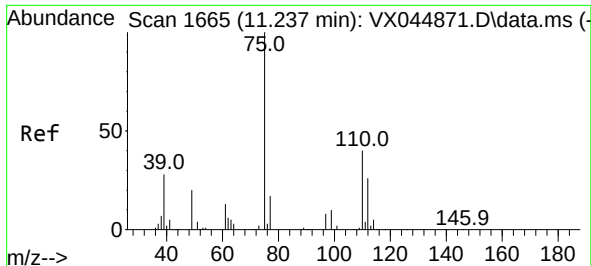
Tgt Ion:152 Resp: 70815
Ion Ratio Lower Upper
152 100
115 63.0 43.4 130.1
150 160.0 0.0 350.4



#74
N-ethyl acetate
Concen: 0.205 ug/l
RT: 10.854 min Scan# 1602
Delta R.T. 0.013 min
Lab File: VX044929.D
Acq: 12 Feb 2025 13:40

Tgt Ion: 43 Resp: 528
Ion Ratio Lower Upper
43 100
70 86.2 33.7 50.5#
55 78.6 18.6 27.8#
61 0.0 19.1 28.7#

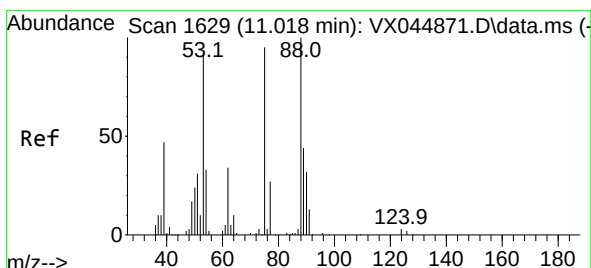
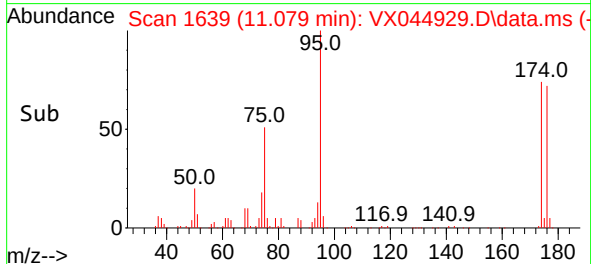
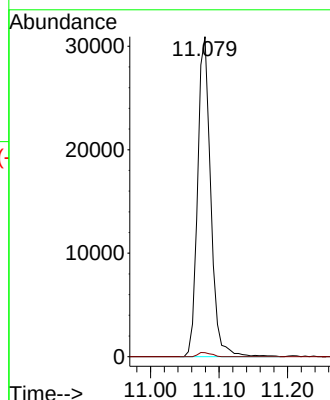
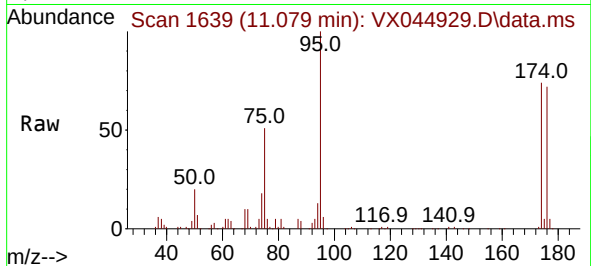




#76
1,2,3-Trichloropropane
Concen: 26.273 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX044929.D
Acq: 12 Feb 2025 13:40

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 41251
Ion Ratio Lower Upper
75 100
77 1.3 21.9 65.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 67.585 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX044929.D
Acq: 12 Feb 2025 13:40

Tgt Ion: 75 Resp: 41251
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 36.6 54.8#

