

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021425\
 Data File : VX044970.D
 Acq On : 14 Feb 2025 18:34
 Operator : JC/MD
 Sample : Q1363-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 14 22:18:51 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)

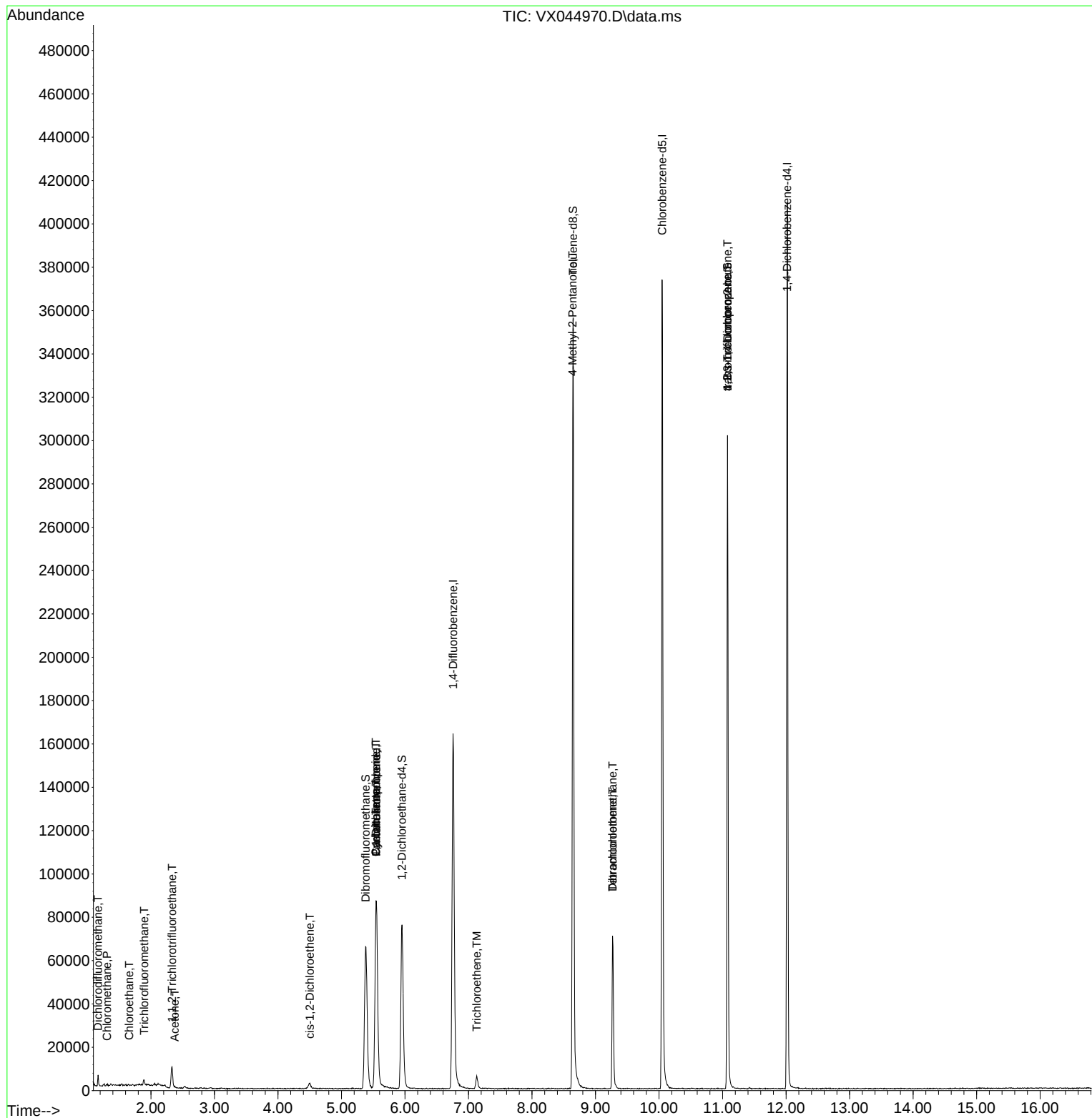
Internal Standards						
1) Pentafluorobenzene	5.550	168	83299	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	168141	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	163155	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	79529	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	70646	57.938	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	115.880%
35) Dibromofluoromethane	5.379	113	58337	53.364	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	106.720%
50) Toluene-d8	8.647	98	214805	51.963	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.920%
62) 4-Bromofluorobenzene	11.079	95	79480	57.032	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	114.060%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	3067	2.625	ug/l	96
3) Chloromethane	1.307	50	562	0.395	ug/l	99
6) Chloroethane	1.654	64	63	1.436	ug/l #	42
7) Trichlorofluoromethane	1.892	101	1501	0.862	ug/l #	74
9) 1,1,2-Trichlorotrifluo...	2.331	101	3794	3.605	ug/l	91
16) Acetone	2.374	43	813	1.659	ug/l #	87
27) cis-1,2-Dichloroethene	4.501	96	1667	1.313	ug/l	95
31) Cyclohexane	5.544	56	2251	1.189	ug/l #	12
36) 1,1-Dichloropropene	5.544	75	7303	4.630	ug/l #	49
38) Carbon Tetrachloride	5.544	117	8798	5.692	ug/l #	16
44) Trichloroethene	7.129	130	2181	1.937	ug/l	90
51) 4-Methyl-2-Pentanone	8.641	43	1075	0.624	ug/l #	1
60) Dibromochloromethane	9.269	129	13469	11.170	ug/l #	10
64) Tetrachloroethene	9.269	164	13469	13.090	ug/l	99
76) 1,2,3-Trichloropropane	11.079	75	42388	24.039	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	42388	61.838	ug/l #	11

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
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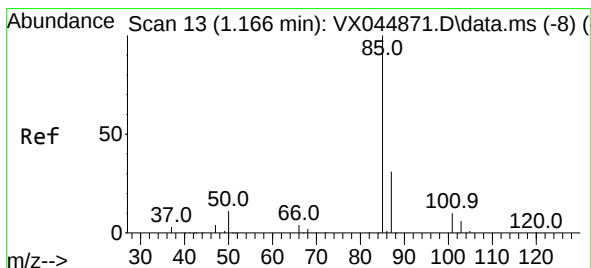
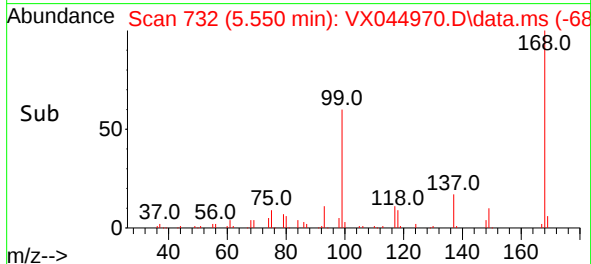
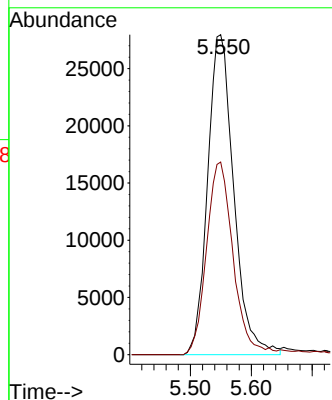
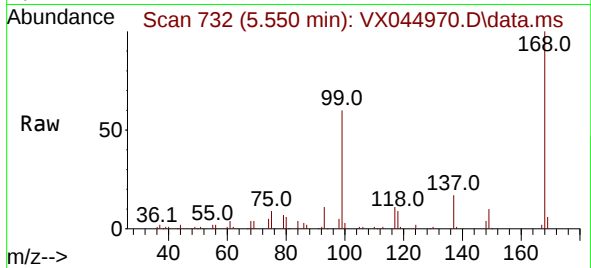




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX044970.D
Acq: 14 Feb 2025 18:34

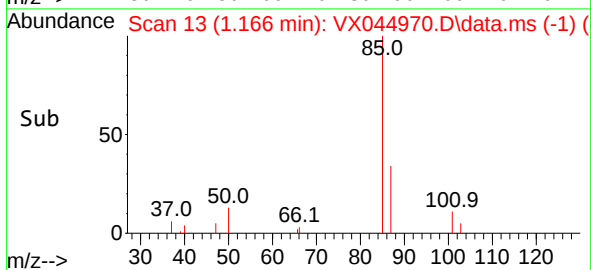
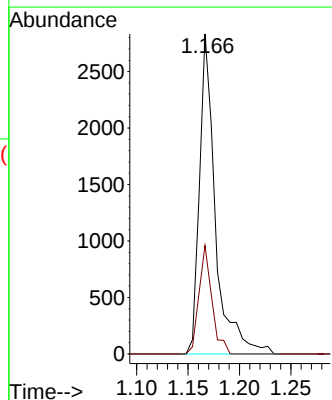
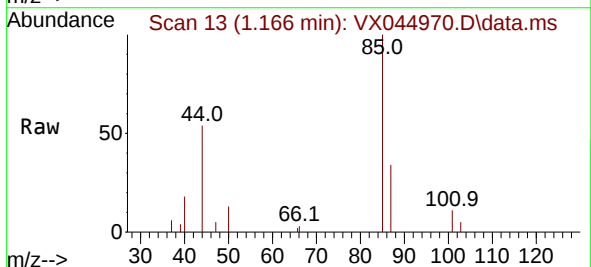
Instrument :
MSVOA_X
ClientSampleId :

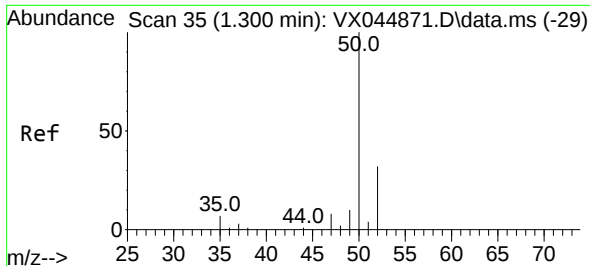
Tgt Ion:168 Resp: 83299
Ion Ratio Lower Upper
168 100
99 60.2 51.2 76.8



#2
Dichlorodifluoromethane
Concen: 2.625 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX044970.D
Acq: 14 Feb 2025 18:34

Tgt Ion: 85 Resp: 3067
Ion Ratio Lower Upper
85 100
87 33.9 15.8 47.3

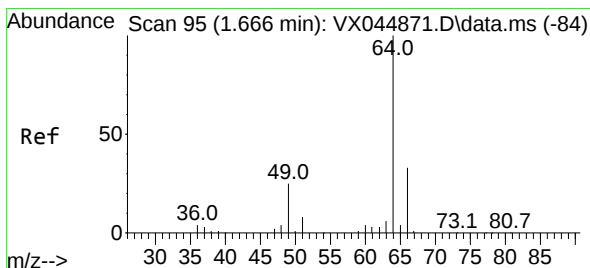
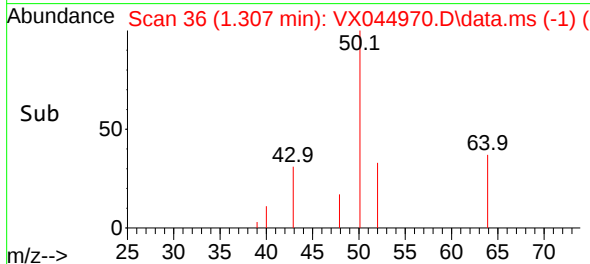
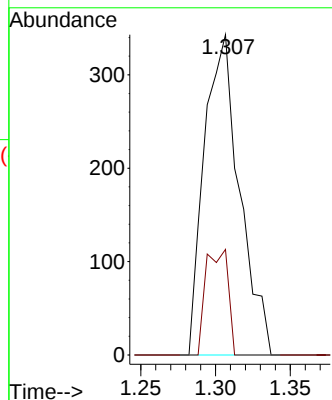
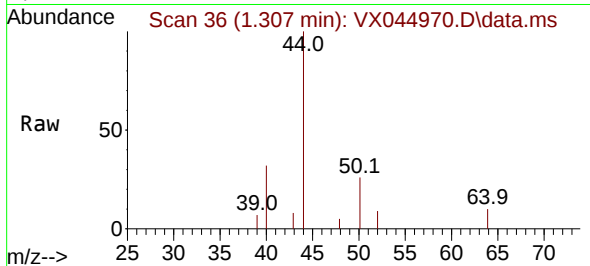




#3
Chloromethane
Concen: 0.395 ug/l
RT: 1.307 min Scan# 30
Delta R.T. 0.006 min
Lab File: VX044970.D
Acq: 14 Feb 2025 18:34

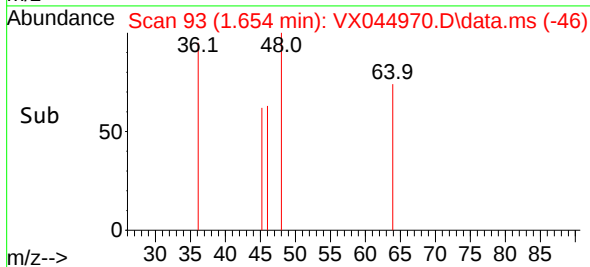
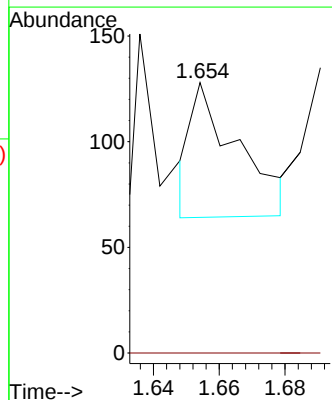
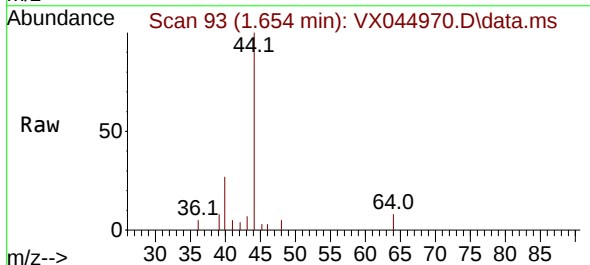
Instrument :
MSVOA_X
ClientSampleId :

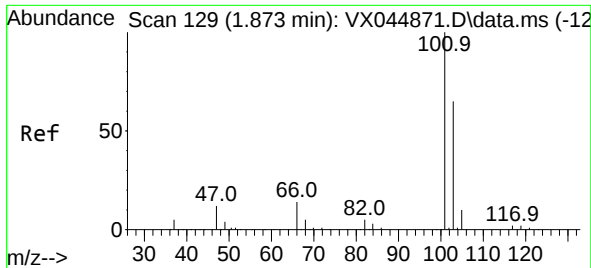
Tgt Ion: 50 Resp: 562
Ion Ratio Lower Upper
50 100
52 32.9 25.9 38.9



#6
Chloroethane
Concen: 1.436 ug/l
RT: 1.654 min Scan# 93
Delta R.T. -0.012 min
Lab File: VX044970.D
Acq: 14 Feb 2025 18:34

Tgt Ion: 64 Resp: 63
Ion Ratio Lower Upper
64 100
66 0.0 25.9 38.9#

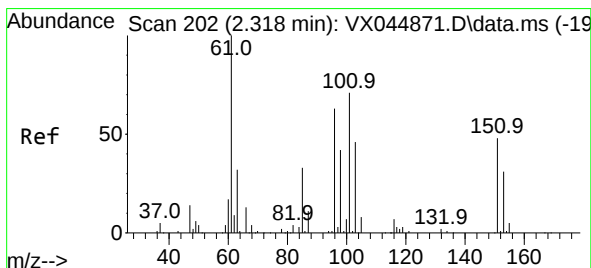
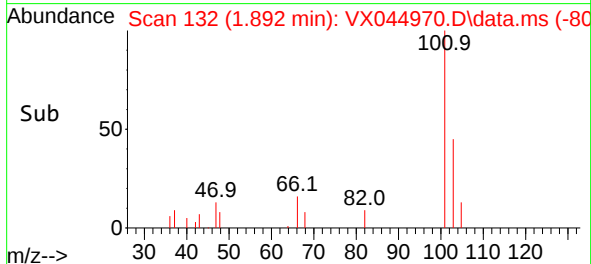
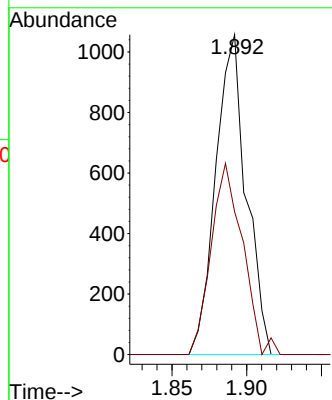
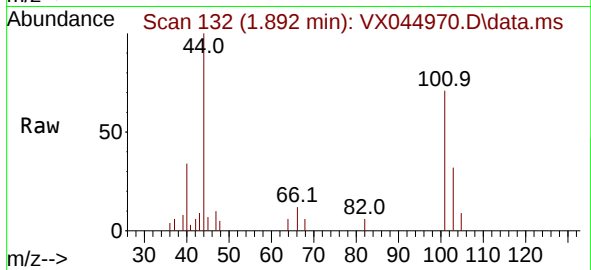




#7
 Trichlorofluoromethane
 Concen: 0.862 ug/l
 RT: 1.892 min Scan# 11
 Delta R.T. 0.019 min
 Lab File: VX044970.D
 Acq: 14 Feb 2025 18:34

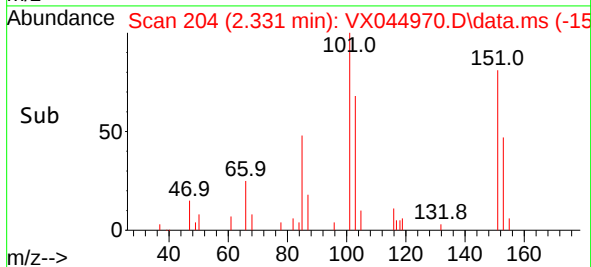
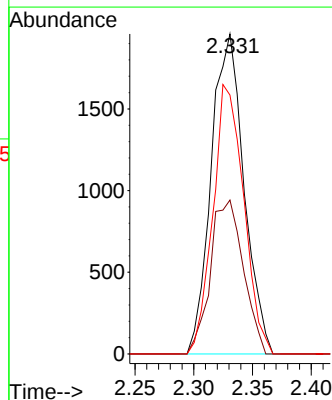
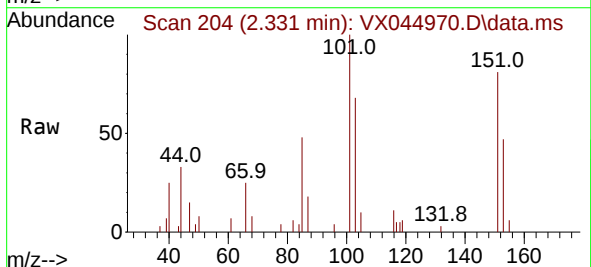
Instrument :
 MSVOA_X
 ClientSampleId :

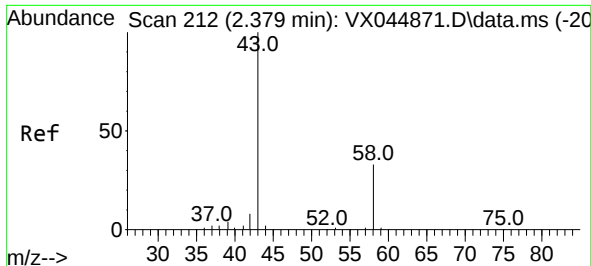
Tgt Ion:101 Resp: 1501
 Ion Ratio Lower Upper
 101 100
 103 44.7 52.4 78.6#



#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 3.605 ug/l
 RT: 2.331 min Scan# 204
 Delta R.T. 0.013 min
 Lab File: VX044970.D
 Acq: 14 Feb 2025 18:34

Tgt Ion:101 Resp: 3794
 Ion Ratio Lower Upper
 101 100
 85 48.3 35.7 53.5
 151 79.3 56.0 84.0

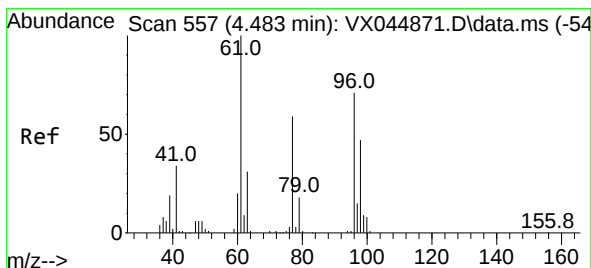
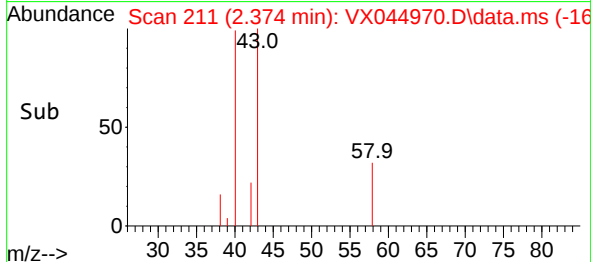
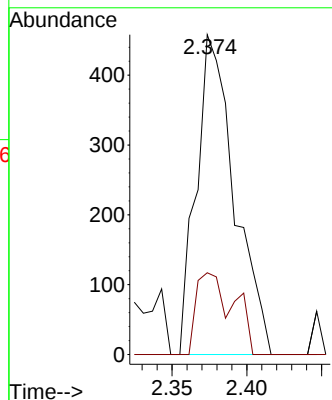
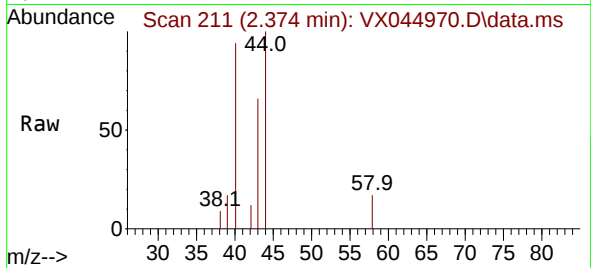




#16
Acetone
Concen: 1.659 ug/l
RT: 2.374 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX044970.D
Acq: 14 Feb 2025 18:34

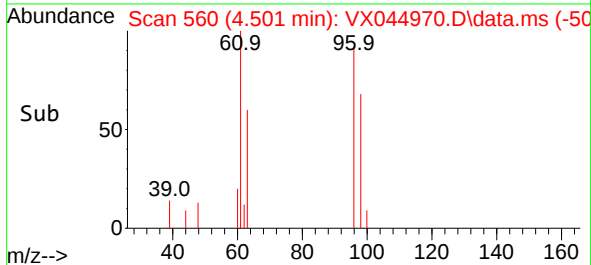
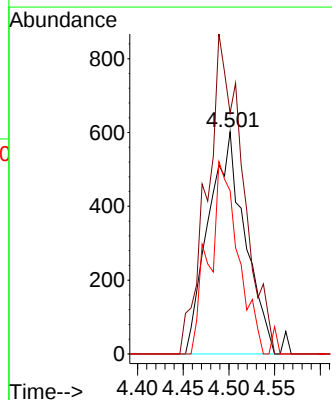
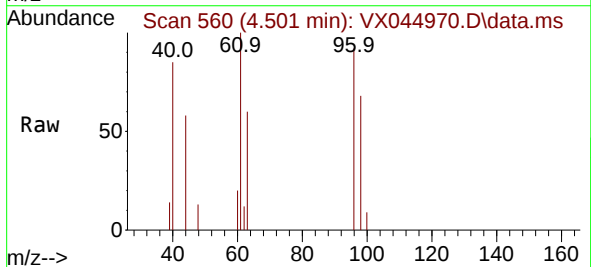
Instrument :
MSVOA_X
ClientSampleId :

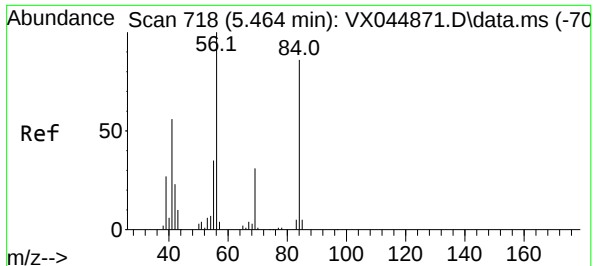
Tgt Ion: 43 Resp: 813
Ion Ratio Lower Upper
43 100
58 25.5 26.5 39.7#



#27
cis-1,2-Dichloroethene
Concen: 1.313 ug/l
RT: 4.501 min Scan# 560
Delta R.T. 0.019 min
Lab File: VX044970.D
Acq: 14 Feb 2025 18:34

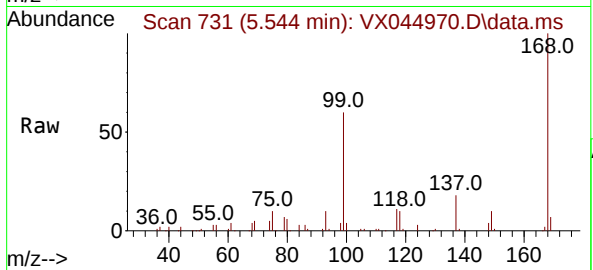
Tgt Ion: 96 Resp: 1667
Ion Ratio Lower Upper
96 100
61 140.9 0.0 294.0
98 69.2 0.0 131.2



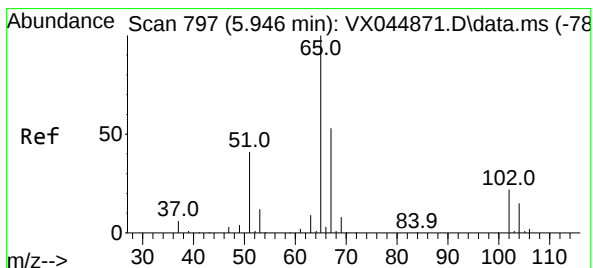
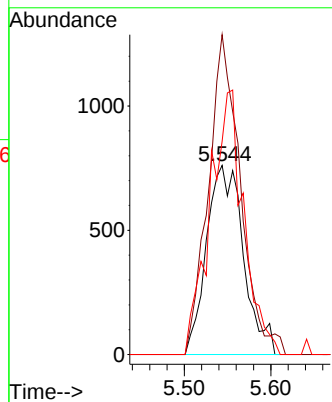
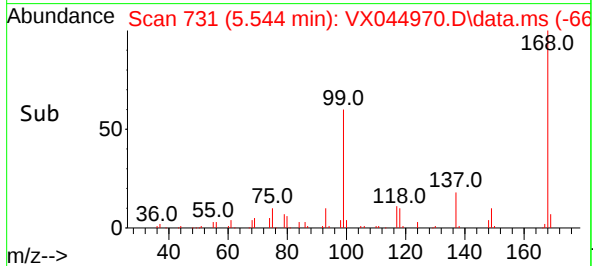


#31
Cyclohexane
Concen: 1.189 ug/l
RT: 5.544 min Scan# 718
Delta R.T. 0.080 min
Lab File: VX044970.D
Acq: 14 Feb 2025 18:34

Instrument :
MSVOA_X
ClientSampleId :

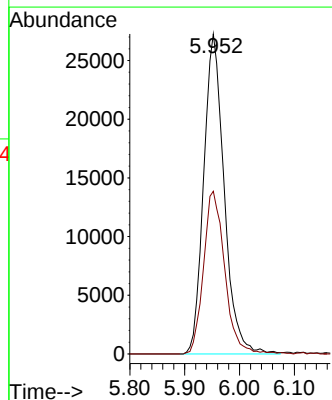
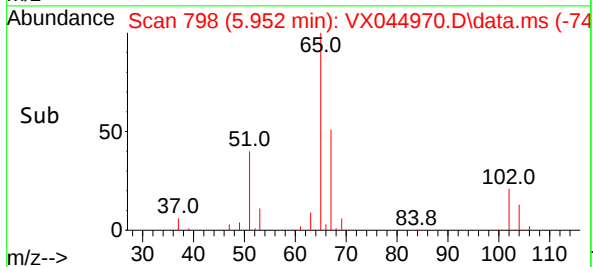
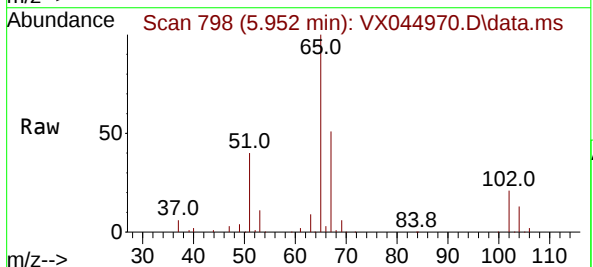


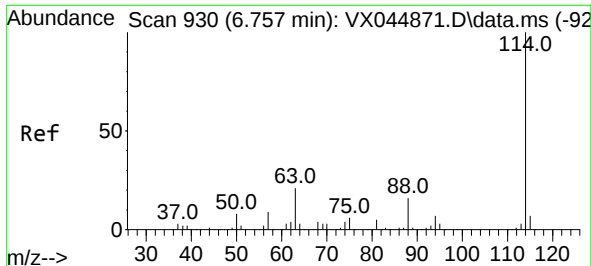
Tgt Ion: 56 Resp: 2251
Ion Ratio Lower Upper
56 100
69 169.1 24.4 36.6#
84 112.7 69.0 103.6#



#33
1,2-Dichloroethane-d4
Concen: 57.938 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX044970.D
Acq: 14 Feb 2025 18:34

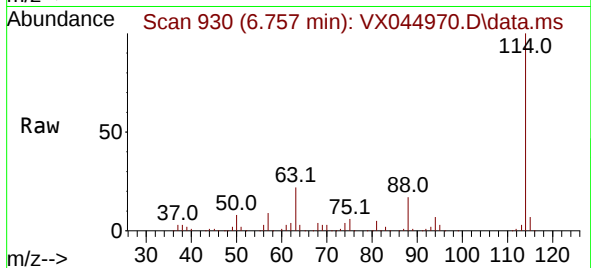
Tgt Ion: 65 Resp: 70646
Ion Ratio Lower Upper
65 100
67 52.7 0.0 108.2



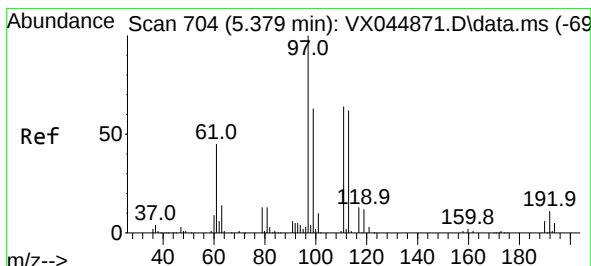
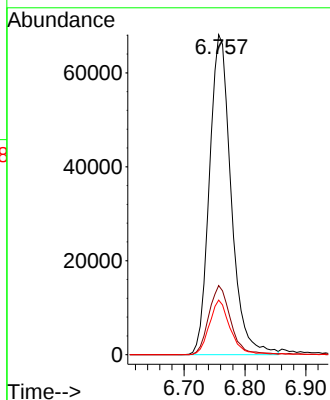
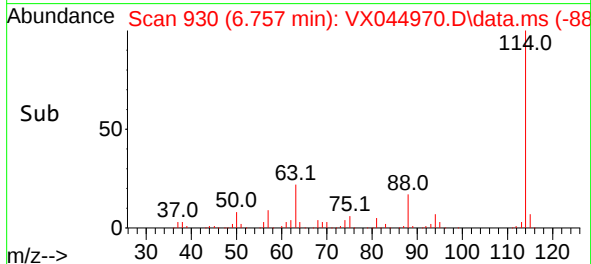


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX044970.D
Acq: 14 Feb 2025 18:34

Instrument :
MSVOA_X
ClientSampleId :

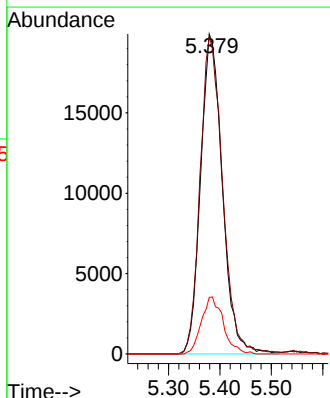
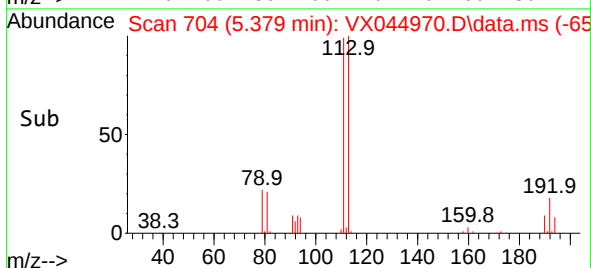
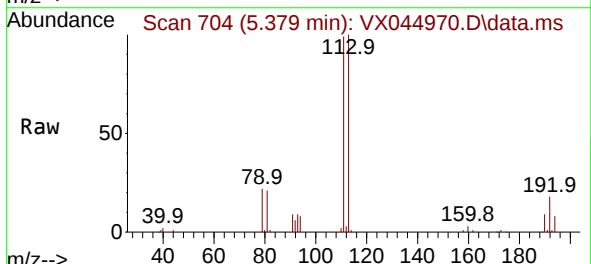


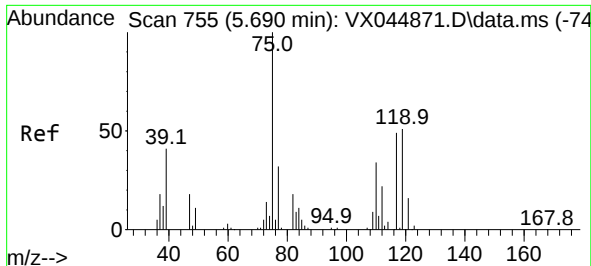
Tgt Ion:114 Resp: 168141
Ion Ratio Lower Upper
114 100
63 21.6 0.0 42.4
88 17.1 0.0 31.4



#35
Dibromofluoromethane
Concen: 53.364 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX044970.D
Acq: 14 Feb 2025 18:34

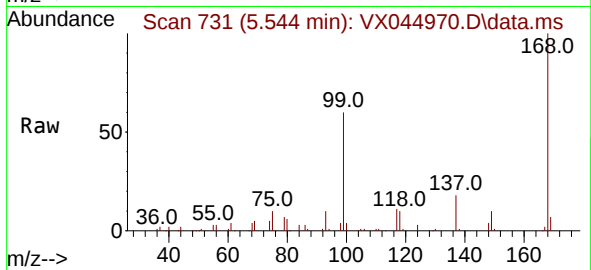
Tgt Ion:113 Resp: 58337
Ion Ratio Lower Upper
113 100
111 102.5 83.5 125.3
192 18.0 14.4 21.6



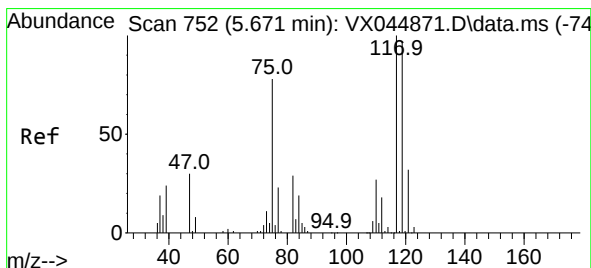
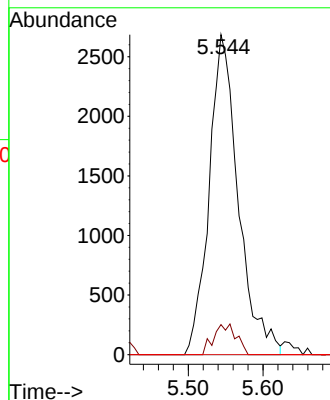
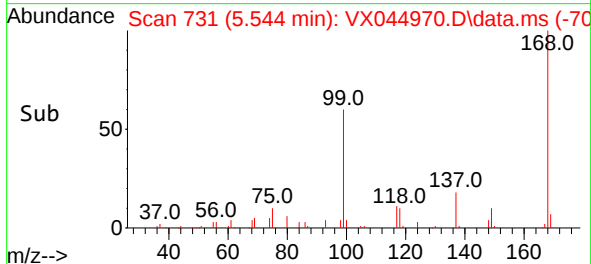


#36
1,1-Dichloropropene
Concen: 4.630 ug/l
RT: 5.544 min Scan# 711
Delta R.T. -0.146 min
Lab File: VX044970.D
Acq: 14 Feb 2025 18:34

Instrument :
MSVOA_X
ClientSampleId :

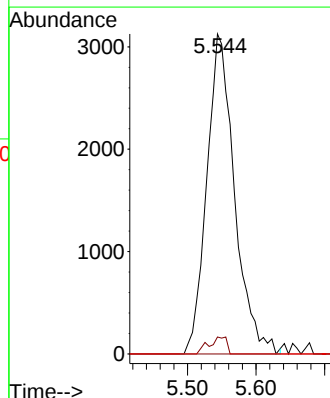
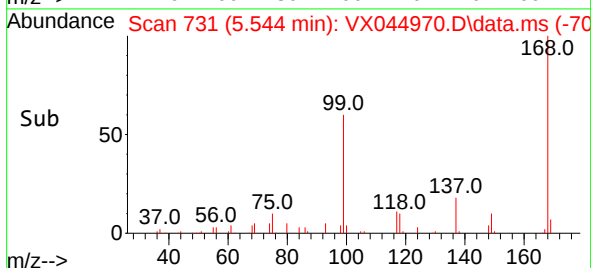
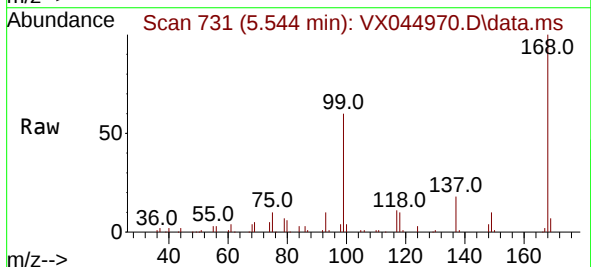


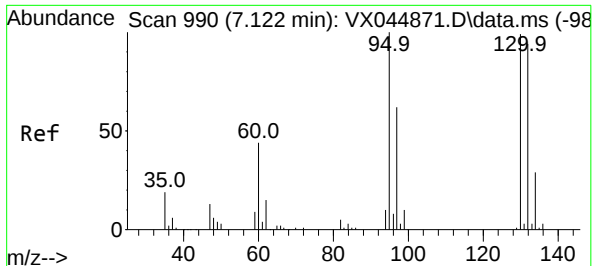
Tgt Ion: 75 Resp: 7303
Ion Ratio Lower Upper
75 100
110 7.4 17.2 51.6#
77 0.0 24.6 37.0#



#38
Carbon Tetrachloride
Concen: 5.692 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.128 min
Lab File: VX044970.D
Acq: 14 Feb 2025 18:34

Tgt Ion: 117 Resp: 8798
Ion Ratio Lower Upper
117 100
119 5.3 77.5 116.3#
121 0.0 25.6 38.4#

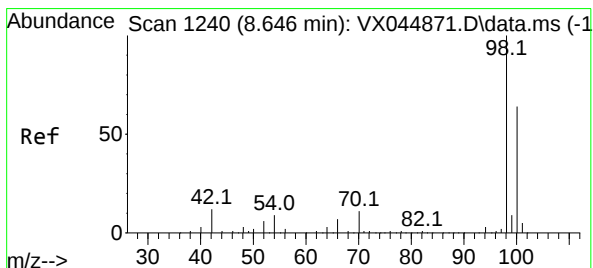
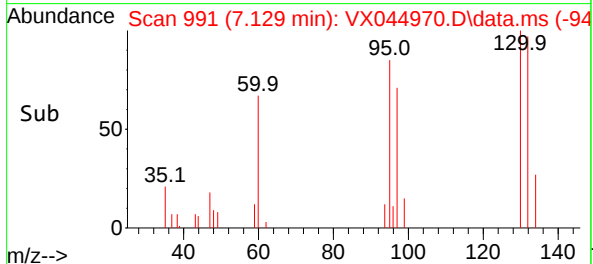
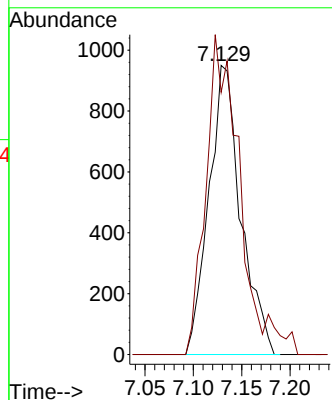
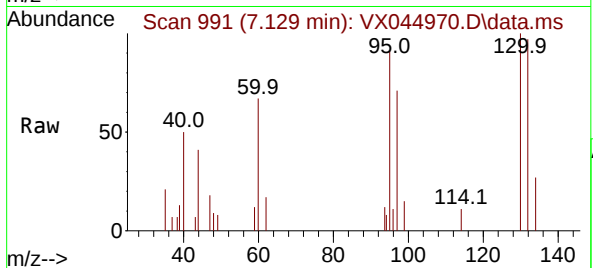




#44
Trichloroethene
Concen: 1.937 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX044970.D
Acq: 14 Feb 2025 18:34

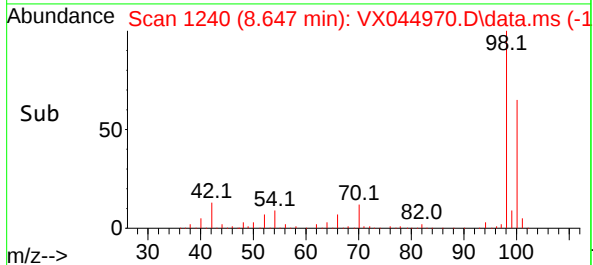
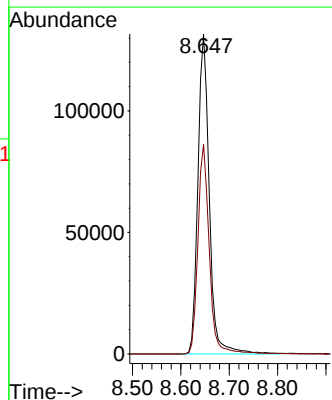
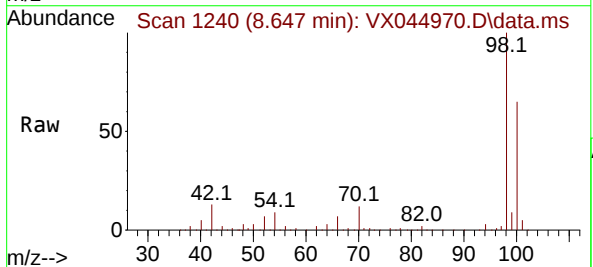
Instrument :
MSVOA_X
ClientSampleId :

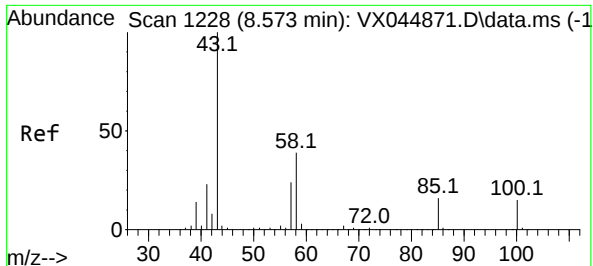
Tgt Ion:130 Resp: 2181
Ion Ratio Lower Upper
130 100
95 90.7 0.0 202.4



#50
Toluene-d8
Concen: 51.963 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX044970.D
Acq: 14 Feb 2025 18:34

Tgt Ion: 98 Resp: 214805
Ion Ratio Lower Upper
98 100
100 65.3 52.7 79.1

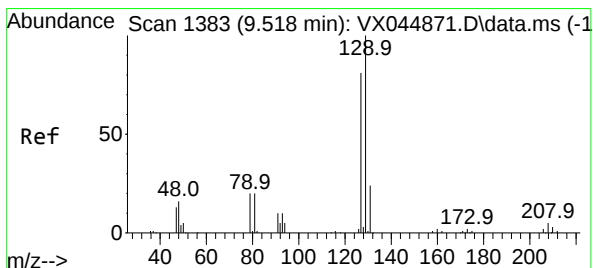
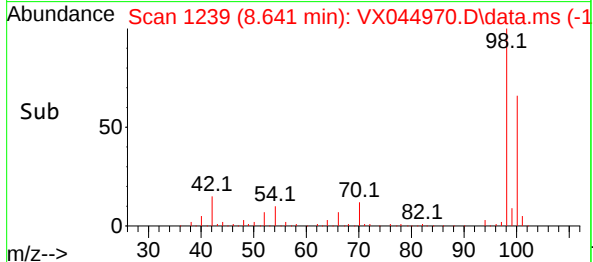
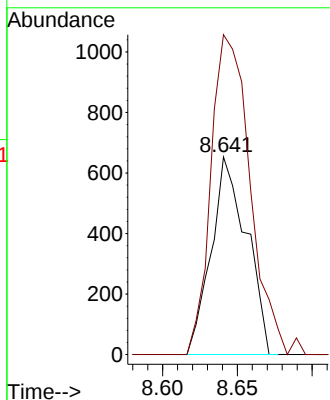
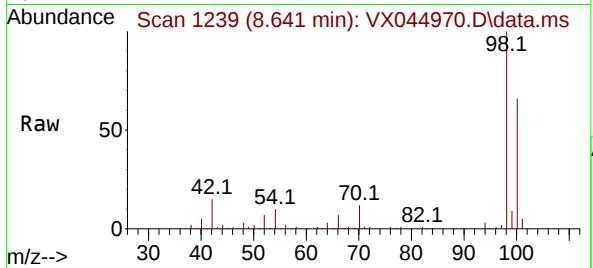




#51
4-Methyl-2-Pentanone
Concen: 0.624 ug/l
RT: 8.641 min Scan# 11
Delta R.T. 0.067 min
Lab File: VX044970.D
Acq: 14 Feb 2025 18:34

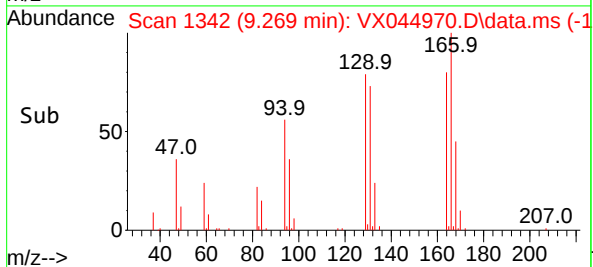
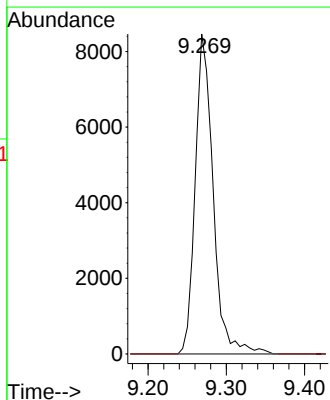
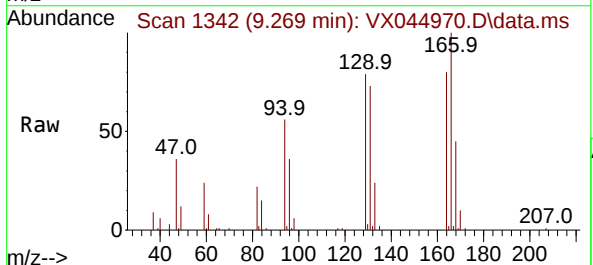
Instrument :
MSVOA_X
ClientSampleId :

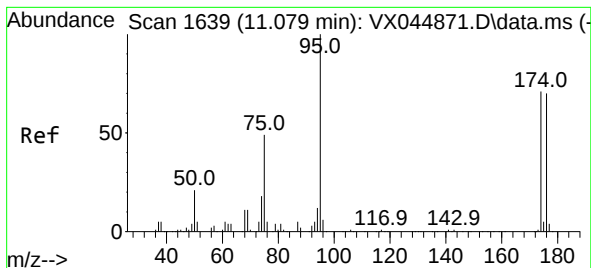
Tgt Ion: 43 Resp: 1075
Ion Ratio Lower Upper
43 100
58 179.9 30.8 46.2#



#60
Dibromochloromethane
Concen: 11.170 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.250 min
Lab File: VX044970.D
Acq: 14 Feb 2025 18:34

Tgt Ion: 129 Resp: 13469
Ion Ratio Lower Upper
129 100
127 0.0 39.1 117.3#

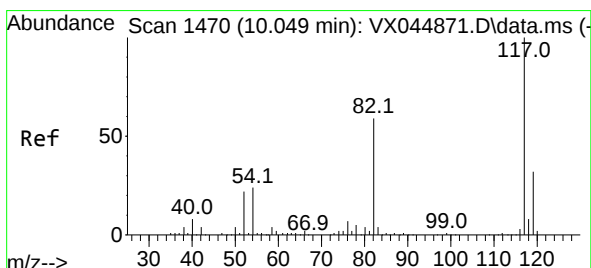
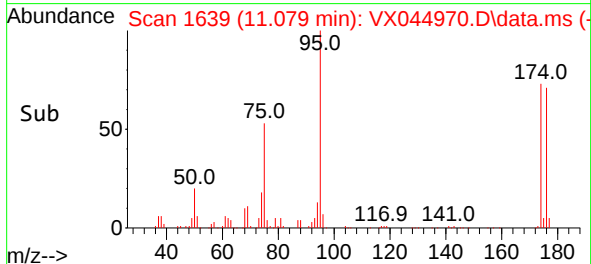
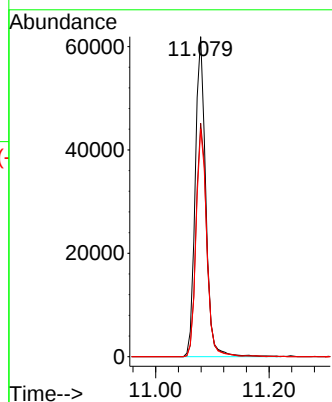
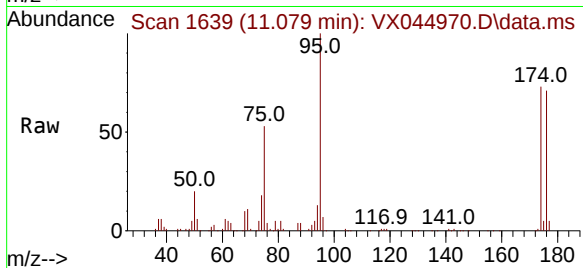




#62
4-Bromofluorobenzene
Concen: 57.032 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX044970.D
Acq: 14 Feb 2025 18:34

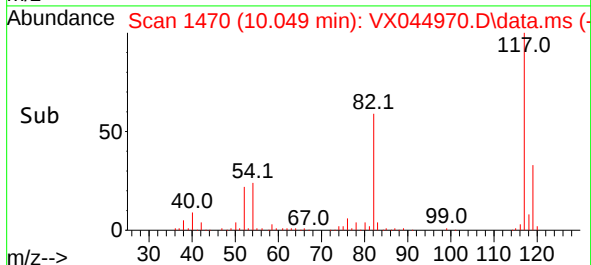
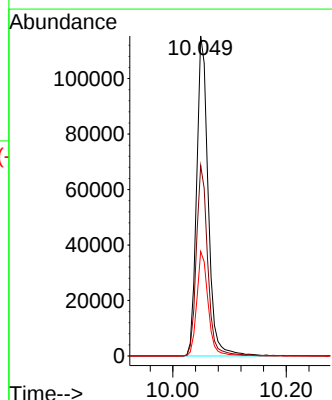
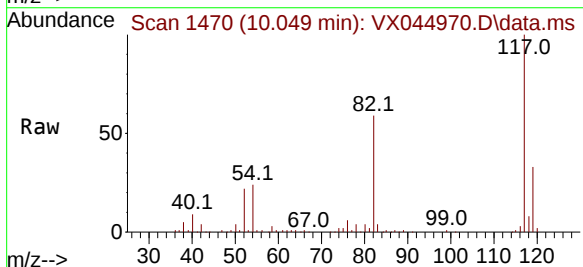
Instrument :
MSVOA_X
ClientSampleId :

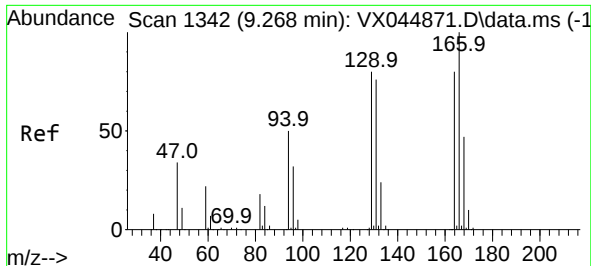
Tgt Ion: 95 Resp: 79480
Ion Ratio Lower Upper
95 100
174 73.7 0.0 142.6
176 72.1 0.0 141.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX044970.D
Acq: 14 Feb 2025 18:34

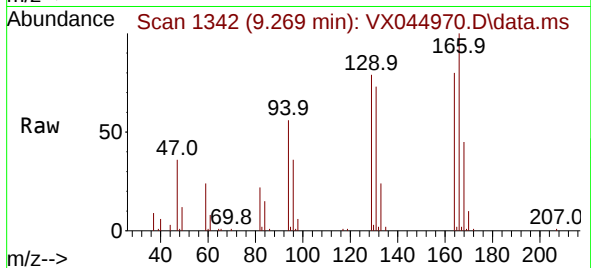
Tgt Ion: 117 Resp: 163155
Ion Ratio Lower Upper
117 100
82 59.5 47.5 71.3
119 32.7 25.4 38.0



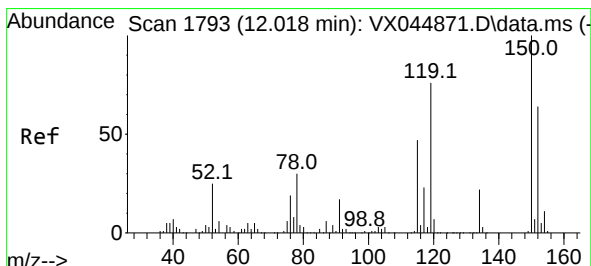
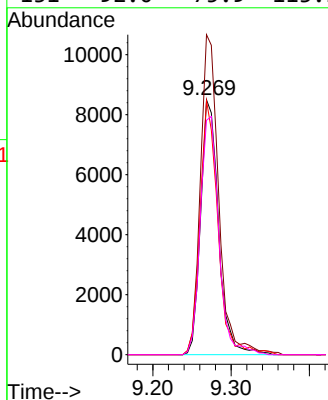
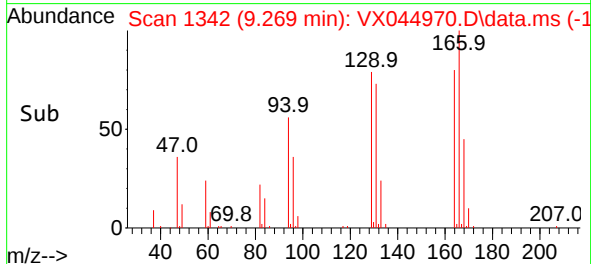


#64
Tetrachloroethene
Concen: 13.090 ug/l
RT: 9.269 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX044970.D
Acq: 14 Feb 2025 18:34

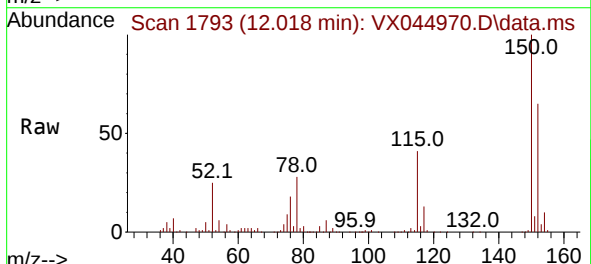
Instrument :
MSVOA_X
ClientSampleId :



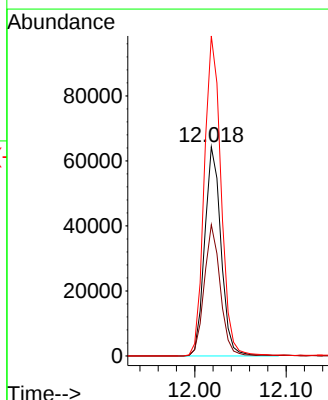
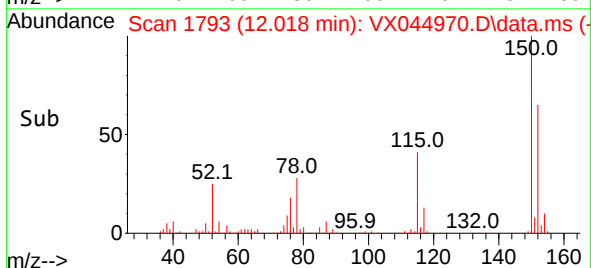
Tgt Ion:164 Resp: 13469
Ion Ratio Lower Upper
164 100
166 125.6 100.4 150.6
129 99.7 79.9 119.9
131 92.0 75.9 113.9

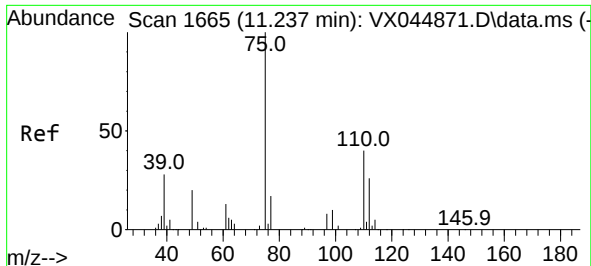


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX044970.D
Acq: 14 Feb 2025 18:34



Tgt Ion:152 Resp: 79529
Ion Ratio Lower Upper
152 100
115 61.9 43.4 130.1
150 157.4 0.0 350.4

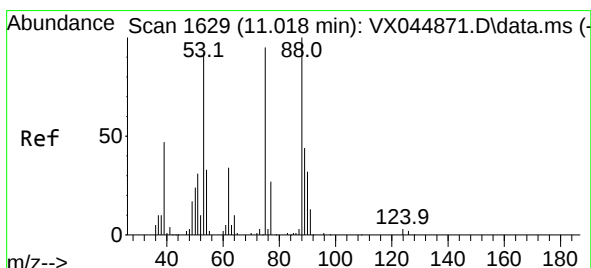
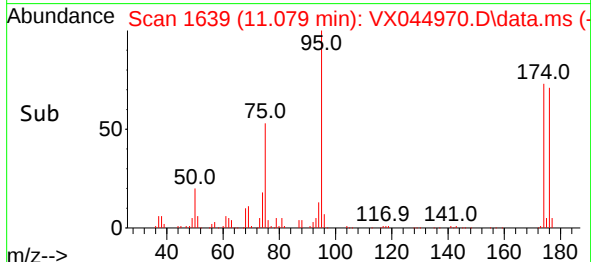
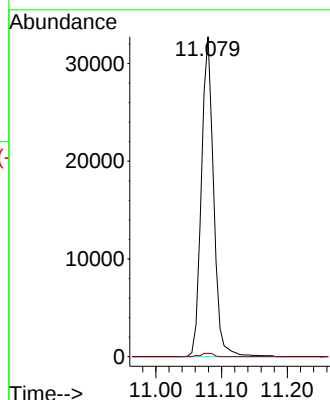
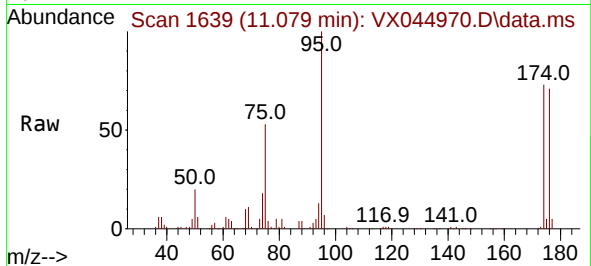




#76
1,2,3-Trichloropropane
Concen: 24.039 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX044970.D
Acq: 14 Feb 2025 18:34

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 42388
Ion Ratio Lower Upper
75 100
77 1.1 21.9 65.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 61.838 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX044970.D
Acq: 14 Feb 2025 18:34

Tgt Ion: 75 Resp: 42388
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 36.6 54.8#

