

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021825\
 Data File : VX044984.D
 Acq On : 18 Feb 2025 13:51
 Operator : JC/MD
 Sample : Q1370-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 19 06:12:05 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)

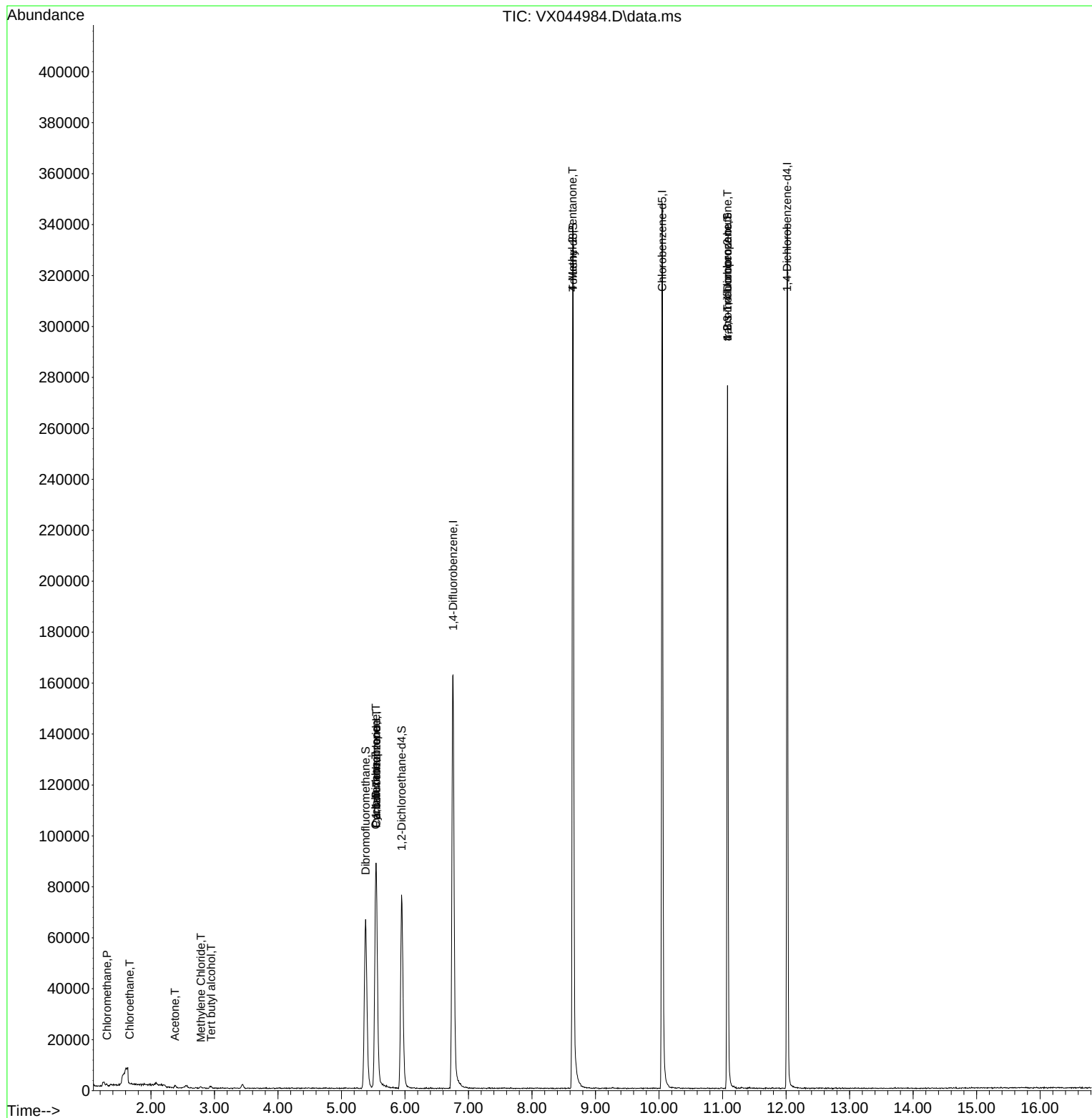
Internal Standards						
1) Pentafluorobenzene	5.550	168	83627	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	175558	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	156088	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	65829	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	69865	57.072	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 114.140%	
35) Dibromofluoromethane	5.379	113	58242	51.026	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.060%	
50) Toluene-d8	8.647	98	216268	50.106	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.220%	
62) 4-Bromofluorobenzene	11.079	95	74582	51.257	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 102.520%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.307	50	428	0.300	ug/l	91
6) Chloroethane	1.666	64	39	1.400	ug/l #	42
11) Tert butyl alcohol	2.946	59	265	1.167	ug/l #	73
16) Acetone	2.380	43	963	1.957	ug/l	89
20) Methylene Chloride	2.788	84	258	0.214	ug/l #	64
31) Cyclohexane	5.537	56	2193	1.154	ug/l #	33
36) 1,1-Dichloropropene	5.544	75	7530	4.573	ug/l #	49
38) Carbon Tetrachloride	5.550	117	8988	5.570	ug/l #	14
51) 4-Methyl-2-Pentanone	8.641	43	1030	0.573	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	38779	26.570	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	38779	68.347	ug/l #	11

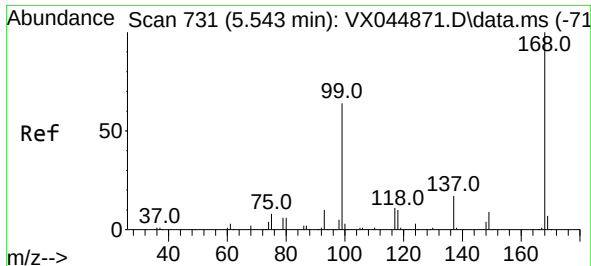
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021825\
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Quant Time: Feb 19 06:12:05 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 11 03:41:08 2025
Response via : Initial Calibration

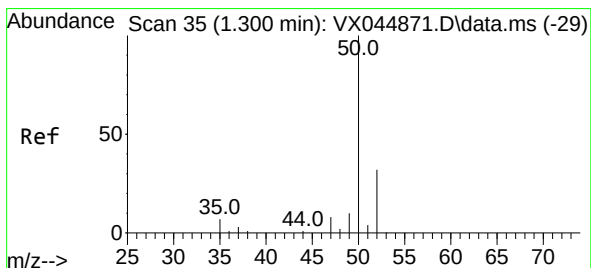
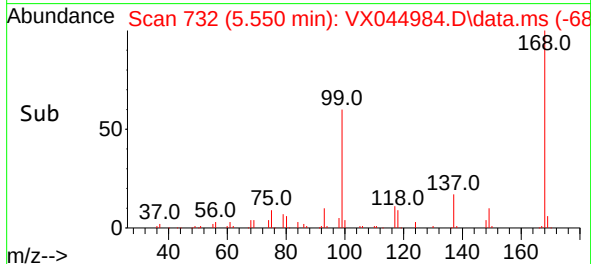
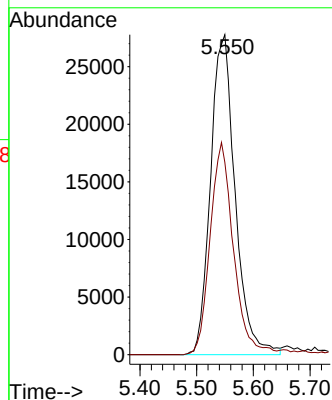
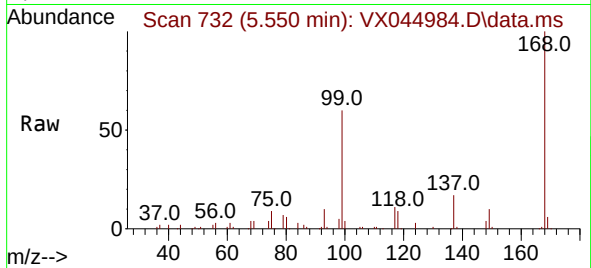




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX044984.D
Acq: 18 Feb 2025 13:51

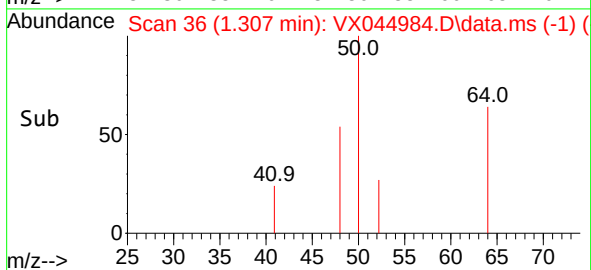
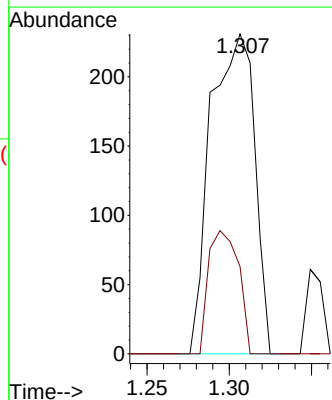
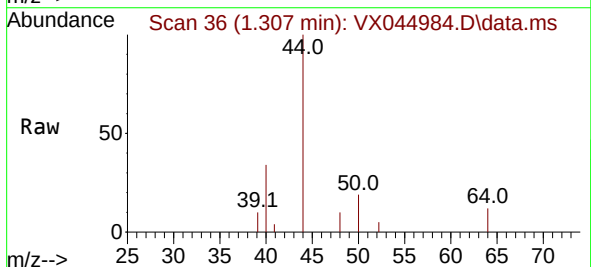
Instrument :
MSVOA_X
ClientSampleId :

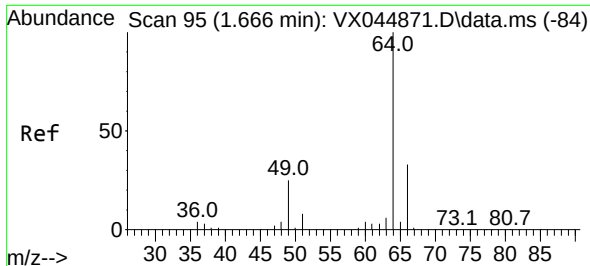
Tgt Ion:168 Resp: 83627
Ion Ratio Lower Upper
168 100
99 60.1 51.2 76.8



#3
Chloromethane
Concen: 0.300 ug/l
RT: 1.307 min Scan# 36
Delta R.T. 0.006 min
Lab File: VX044984.D
Acq: 18 Feb 2025 13:51

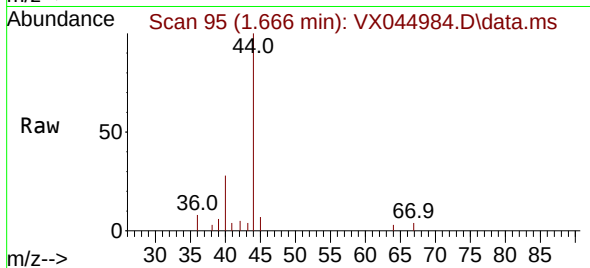
Tgt Ion: 50 Resp: 428
Ion Ratio Lower Upper
50 100
52 27.3 25.9 38.9



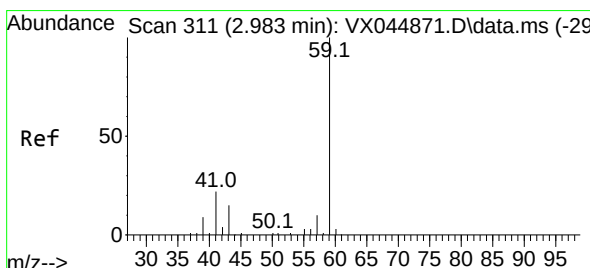
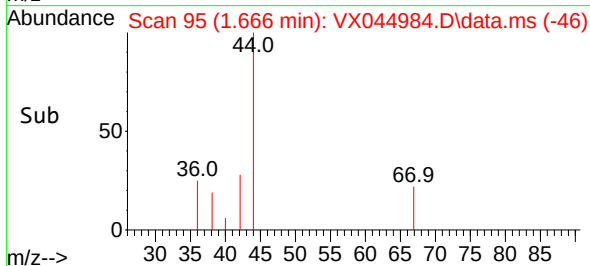
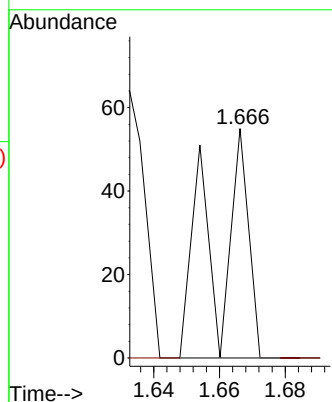


#6
Chloroethane
Concen: 1.400 ug/l
RT: 1.666 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX044984.D
Acq: 18 Feb 2025 13:51

Instrument :
MSVOA_X
ClientSampleId :

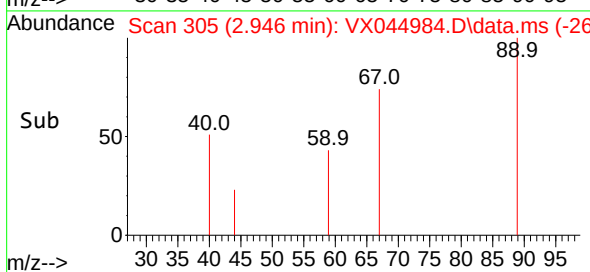
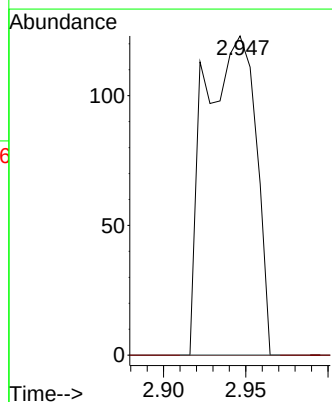
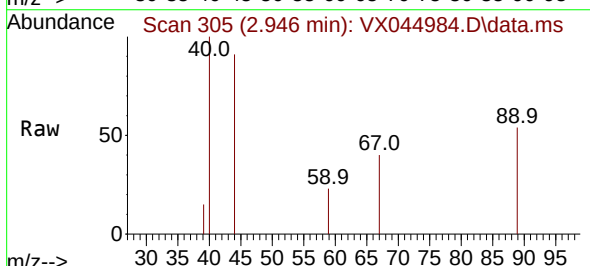


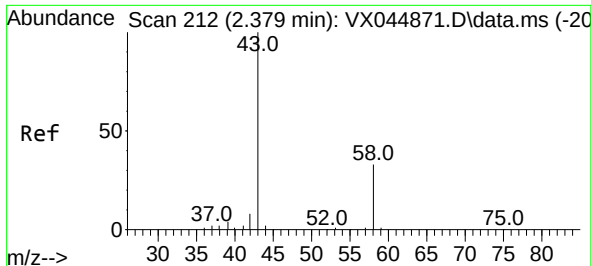
Tgt Ion: 64 Resp: 39
Ion Ratio Lower Upper
64 100
66 0.0 25.9 38.9#



#11
Tert butyl alcohol
Concen: 1.167 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.036 min
Lab File: VX044984.D
Acq: 18 Feb 2025 13:51

Tgt Ion: 59 Resp: 265
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

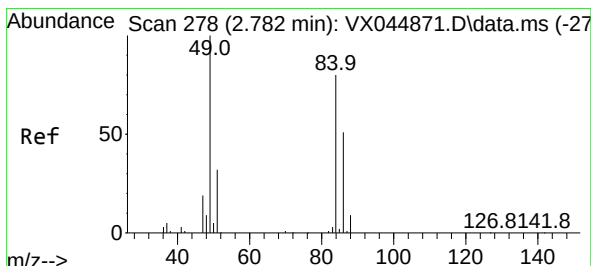
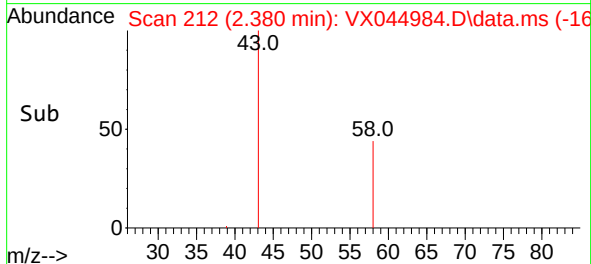
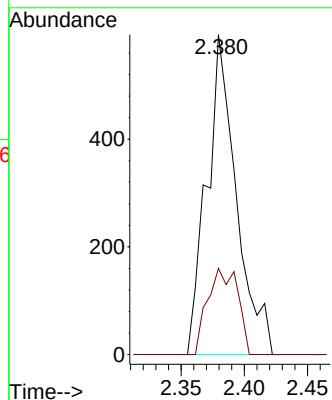
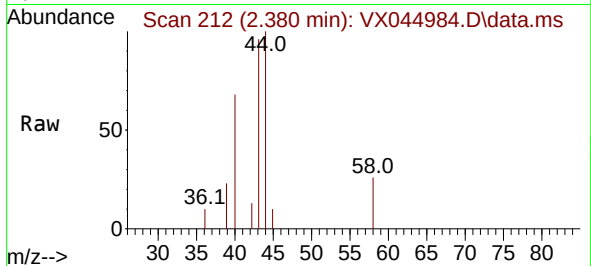




#16
Acetone
Concen: 1.957 ug/l
RT: 2.380 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX044984.D
Acq: 18 Feb 2025 13:51

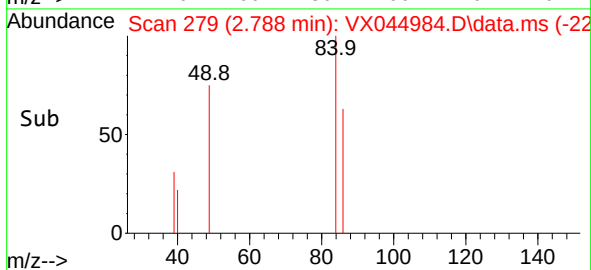
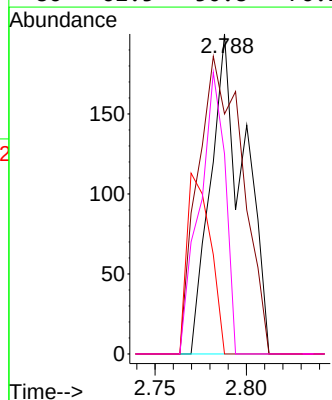
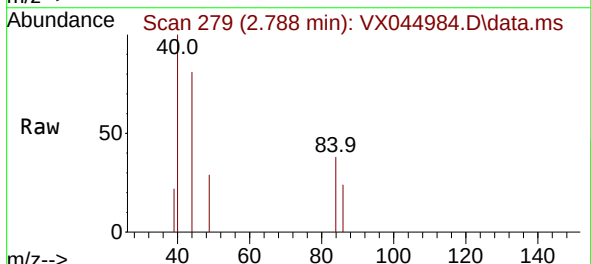
Instrument :
MSVOA_X
ClientSampleId :

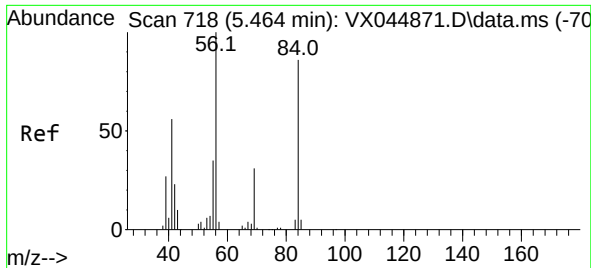
Tgt Ion: 43 Resp: 963
Ion Ratio Lower Upper
43 100
58 26.9 26.5 39.7



#20
Methylene Chloride
Concen: 0.214 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX044984.D
Acq: 18 Feb 2025 13:51

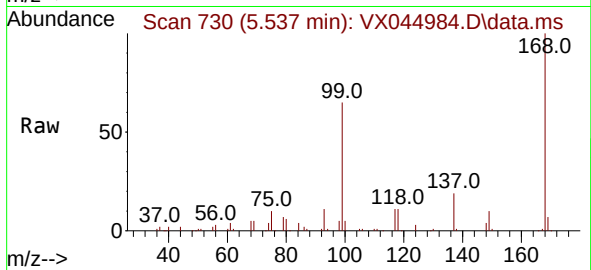
Tgt Ion: 84 Resp: 258
Ion Ratio Lower Upper
84 100
49 75.0 100.1 150.1#
51 0.0 31.7 47.5#
86 62.5 50.8 76.2



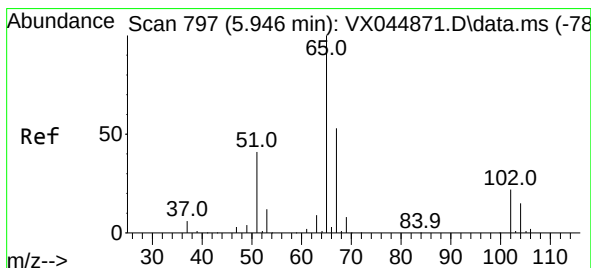
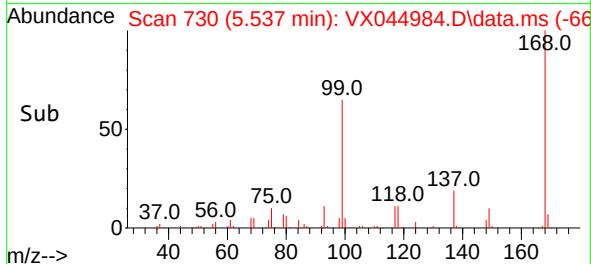
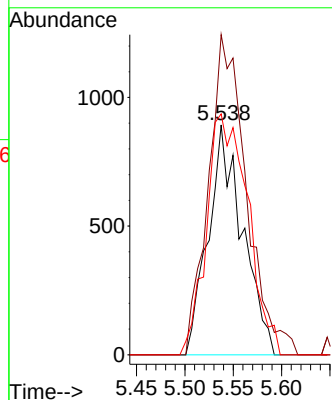


#31
Cyclohexane
Concen: 1.154 ug/l
RT: 5.537 min Scan# 718
Delta R.T. 0.073 min
Lab File: VX044984.D
Acq: 18 Feb 2025 13:51

Instrument :
MSVOA_X
ClientSampleId :

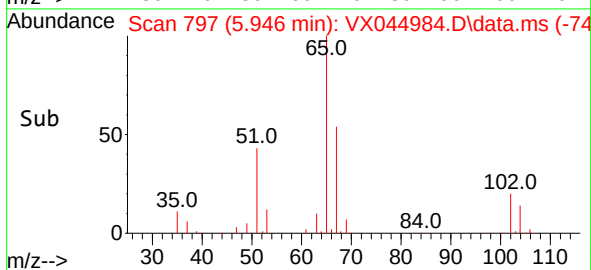
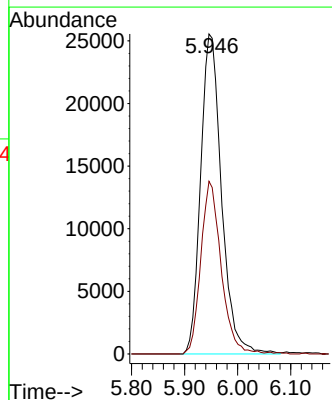
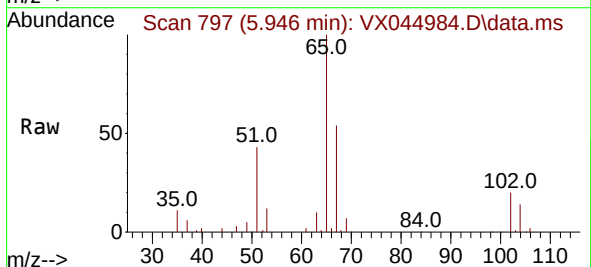


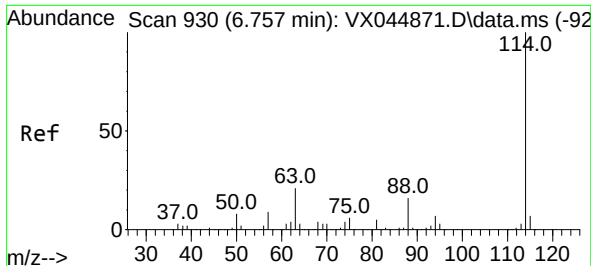
Tgt Ion: 56 Resp: 2193
Ion Ratio Lower Upper
56 100
69 139.3 24.4 36.6#
84 104.8 69.0 103.6#



#33
1,2-Dichloroethane-d4
Concen: 57.072 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.000 min
Lab File: VX044984.D
Acq: 18 Feb 2025 13:51

Tgt Ion: 65 Resp: 69865
Ion Ratio Lower Upper
65 100
67 52.3 0.0 108.2

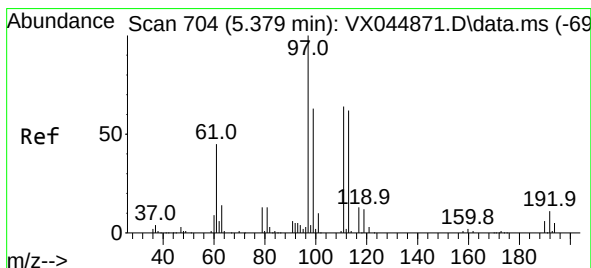
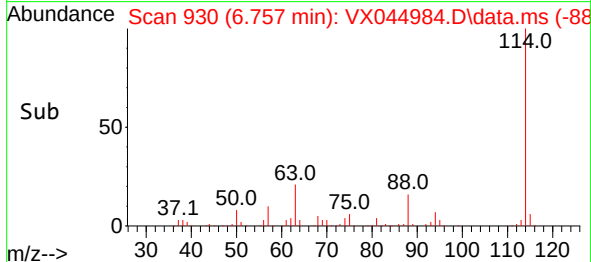
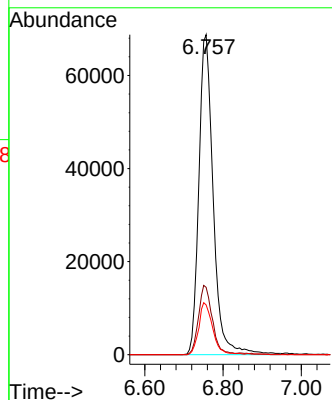
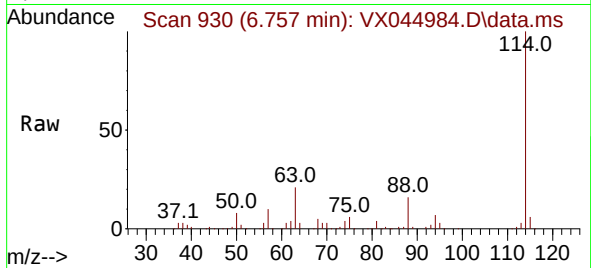




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VX044984.D
 Acq: 18 Feb 2025 13:51

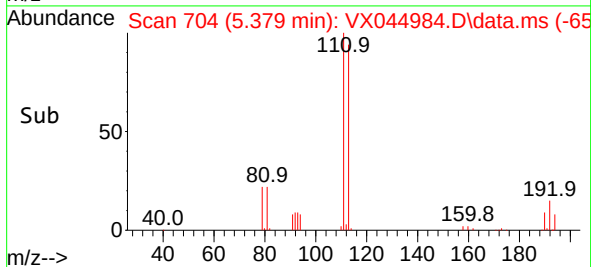
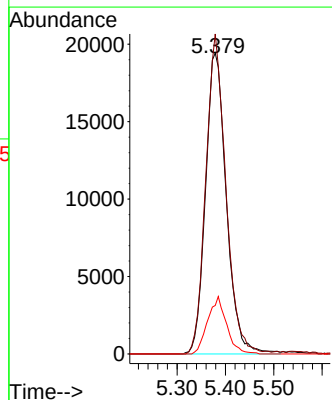
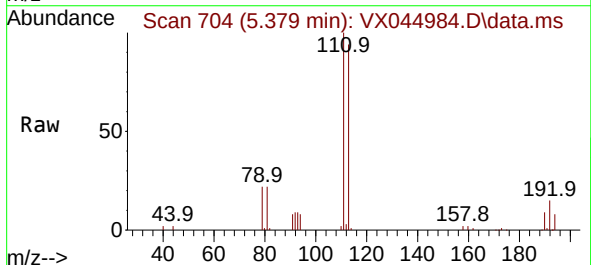
Instrument :
 MSVOA_X
 ClientSampleId :

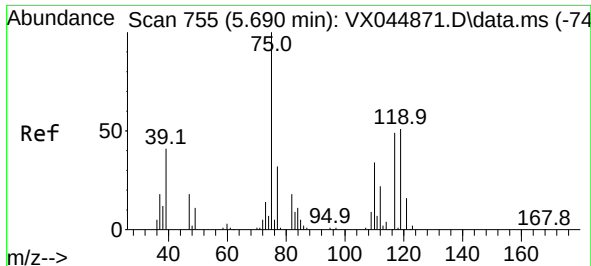
Tgt Ion:114 Resp: 175558
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 42.4
 88 15.5 0.0 31.4



#35
 Dibromofluoromethane
 Concen: 51.026 ug/l
 RT: 5.379 min Scan# 704
 Delta R.T. 0.000 min
 Lab File: VX044984.D
 Acq: 18 Feb 2025 13:51

Tgt Ion:113 Resp: 58242
 Ion Ratio Lower Upper
 113 100
 111 102.5 83.5 125.3
 192 17.3 14.4 21.6





#36

1,1-Dichloropropene

Concen: 4.573 ug/l

RT: 5.544 min Scan# 71

Delta R.T. -0.146 min

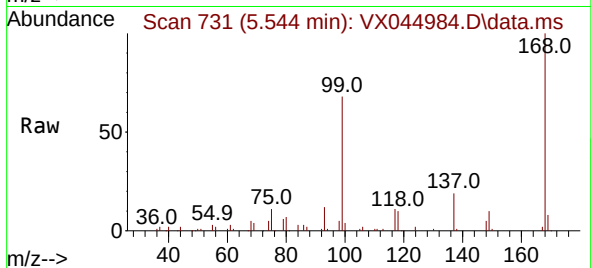
Lab File: VX044984.D

Acq: 18 Feb 2025 13:51

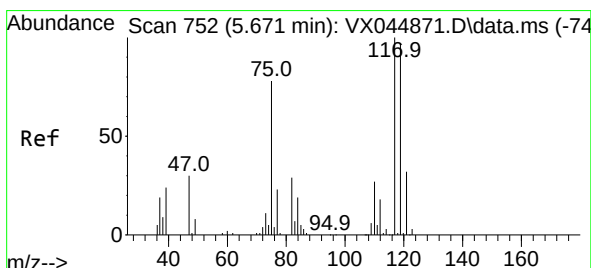
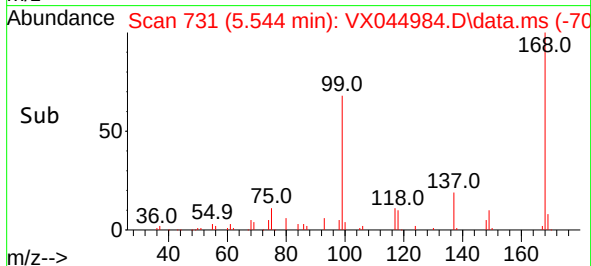
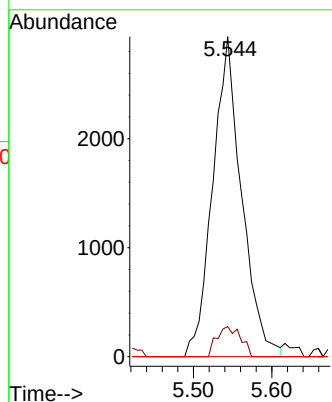
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 75	Resp: 7530
Ion Ratio	Lower Upper
75	100
110	7.8 17.2 51.6#
77	0.0 24.6 37.0#



#38

Carbon Tetrachloride

Concen: 5.570 ug/l

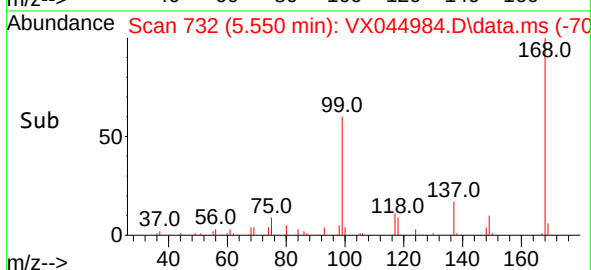
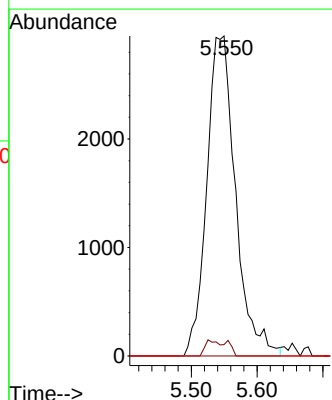
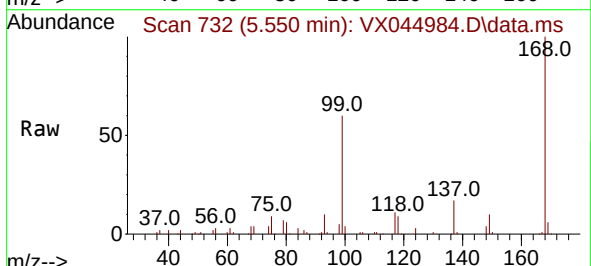
RT: 5.550 min Scan# 732

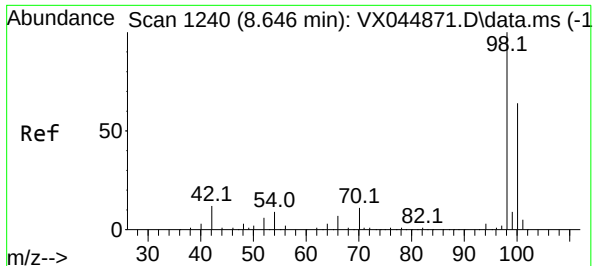
Delta R.T. -0.122 min

Lab File: VX044984.D

Acq: 18 Feb 2025 13:51

Tgt Ion: 117	Resp: 8988
Ion Ratio	Lower Upper
117	100
119	3.6 77.5 116.3#
121	0.0 25.6 38.4#

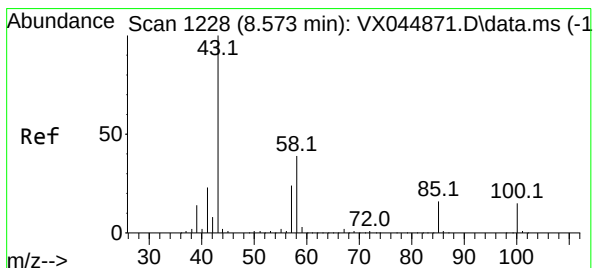
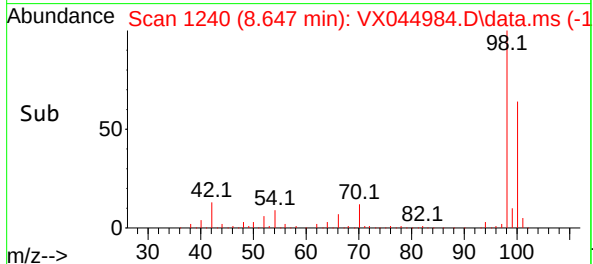
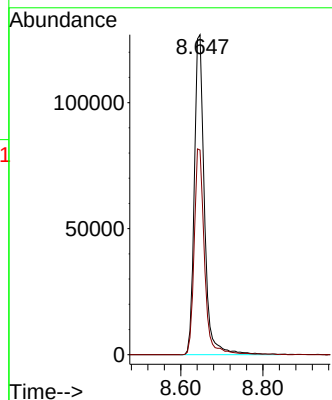
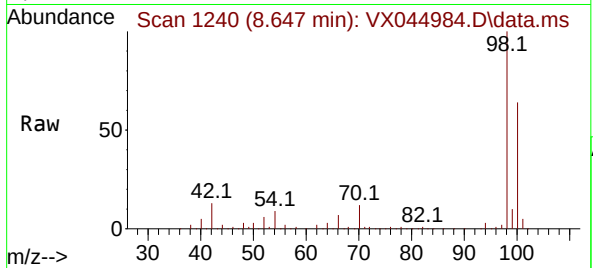




#50
Toluene-d8
Concen: 50.106 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX044984.D
Acq: 18 Feb 2025 13:51

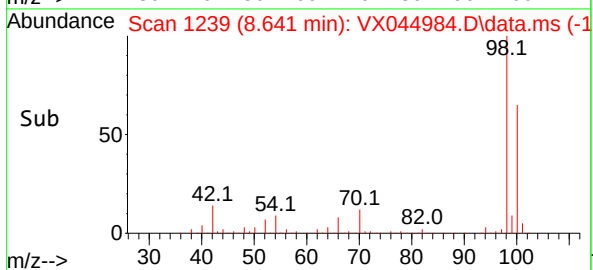
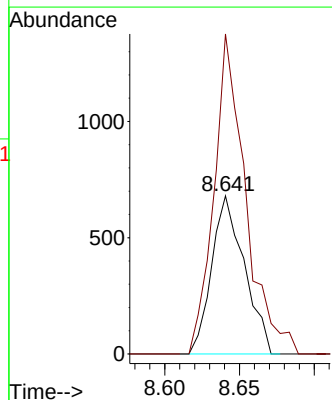
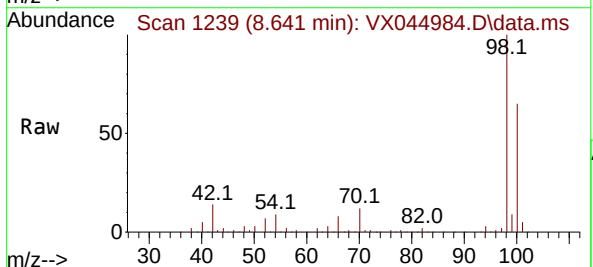
Instrument :
MSVOA_X
ClientSampleId :

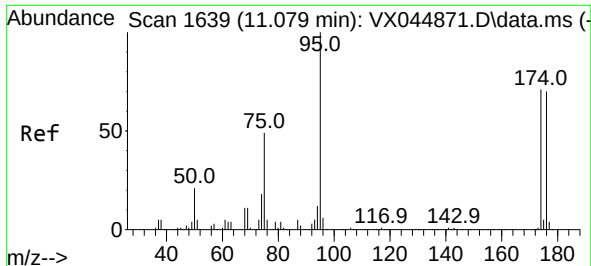
Tgt Ion: 98 Resp: 216268
Ion Ratio Lower Upper
98 100
100 65.6 52.7 79.1



#51
4-Methyl-2-Pentanone
Concen: 0.573 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. 0.067 min
Lab File: VX044984.D
Acq: 18 Feb 2025 13:51

Tgt Ion: 43 Resp: 1030
Ion Ratio Lower Upper
43 100
58 196.8 30.8 46.2#

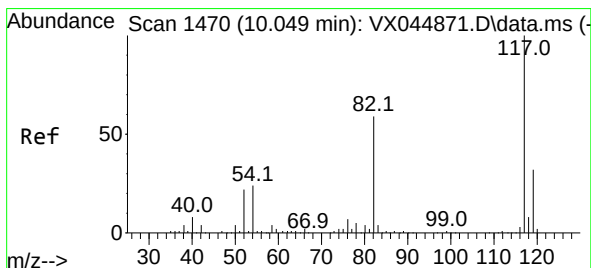
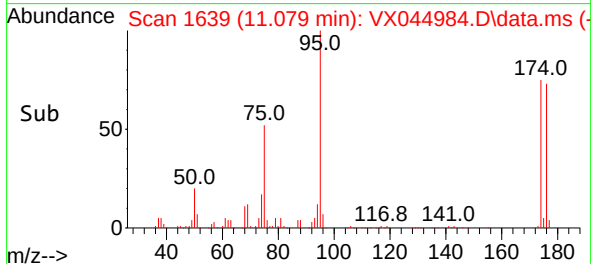
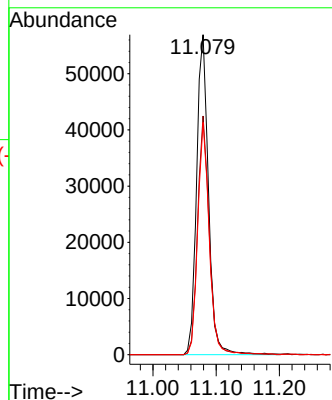
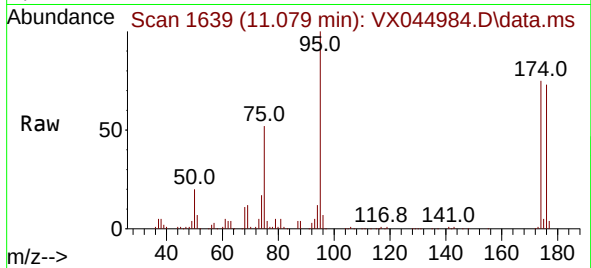




#62
4-Bromofluorobenzene
Concen: 51.257 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX044984.D
Acq: 18 Feb 2025 13:51

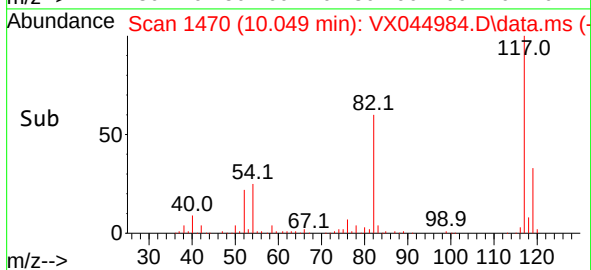
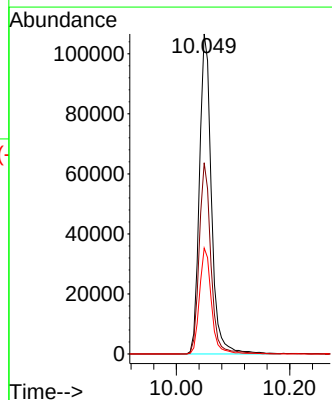
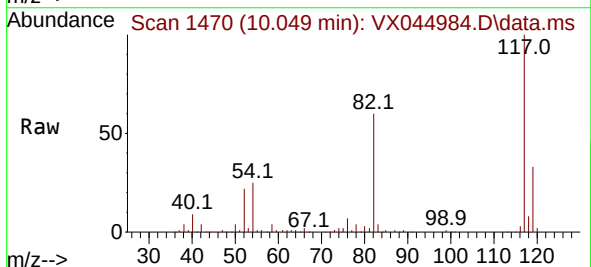
Instrument :
MSVOA_X
ClientSampleId :

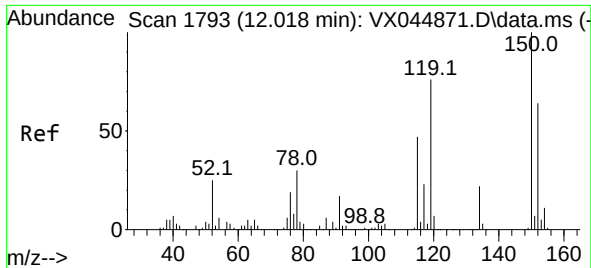
Tgt Ion: 95 Resp: 74582
Ion Ratio Lower Upper
95 100
174 72.9 0.0 142.6
176 70.1 0.0 141.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX044984.D
Acq: 18 Feb 2025 13:51

Tgt Ion: 117 Resp: 156088
Ion Ratio Lower Upper
117 100
82 59.7 47.5 71.3
119 33.1 25.4 38.0

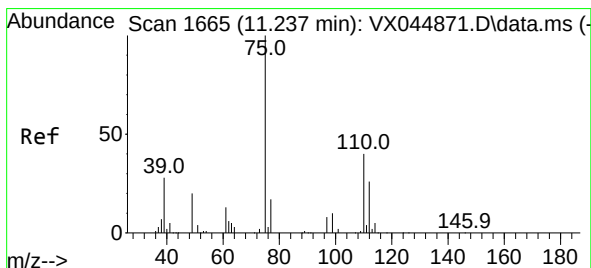
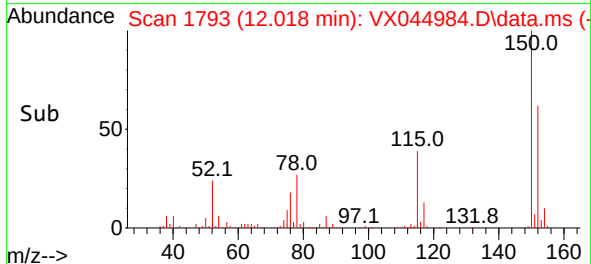
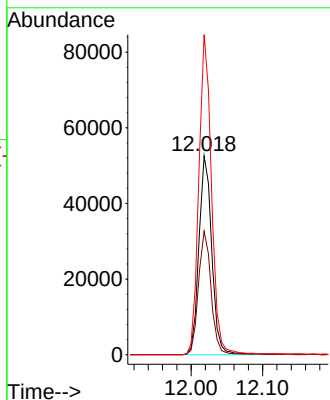
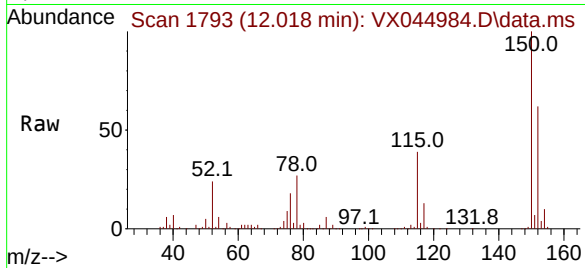




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX044984.D
 Acq: 18 Feb 2025 13:51

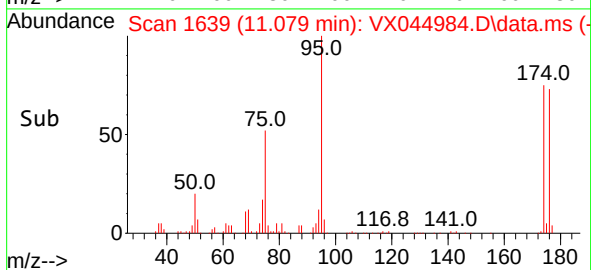
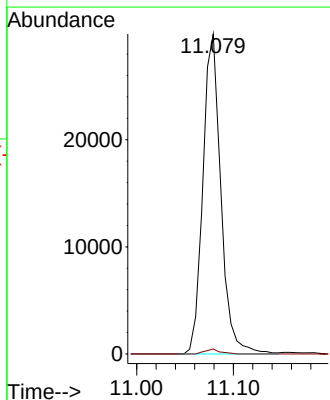
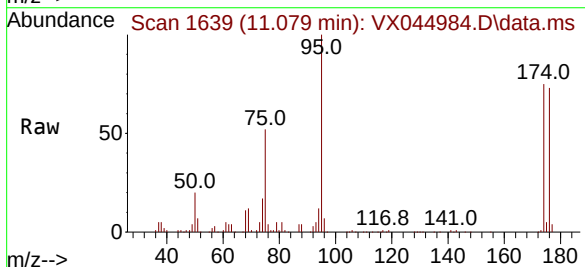
Instrument :
 MSVOA_X
 ClientSampleId :

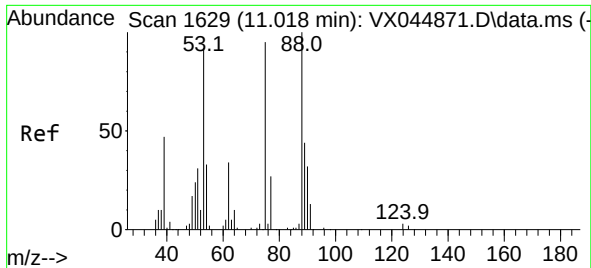
Tgt Ion:152 Resp: 65829
 Ion Ratio Lower Upper
 152 100
 115 60.8 43.4 130.1
 150 158.0 0.0 350.4



#76
 1,2,3-Trichloropropane
 Concen: 26.570 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX044984.D
 Acq: 18 Feb 2025 13:51

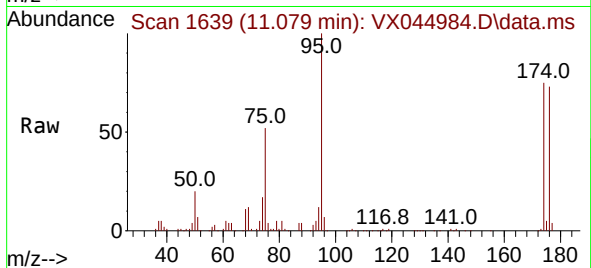
Tgt Ion: 75 Resp: 38779
 Ion Ratio Lower Upper
 75 100
 77 1.3 21.9 65.7#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 68.347 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX044984.D
 Acq: 18 Feb 2025 13:51

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 38779
 Ion Ratio Lower Upper
 75 100
 53 0.0 78.0 117.0#
 89 0.0 36.6 54.8#

