

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021825\
 Data File : VX044985.D
 Acq On : 18 Feb 2025 14:14
 Operator : JC/MD
 Sample : Q1370-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 19 06:12:25 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)

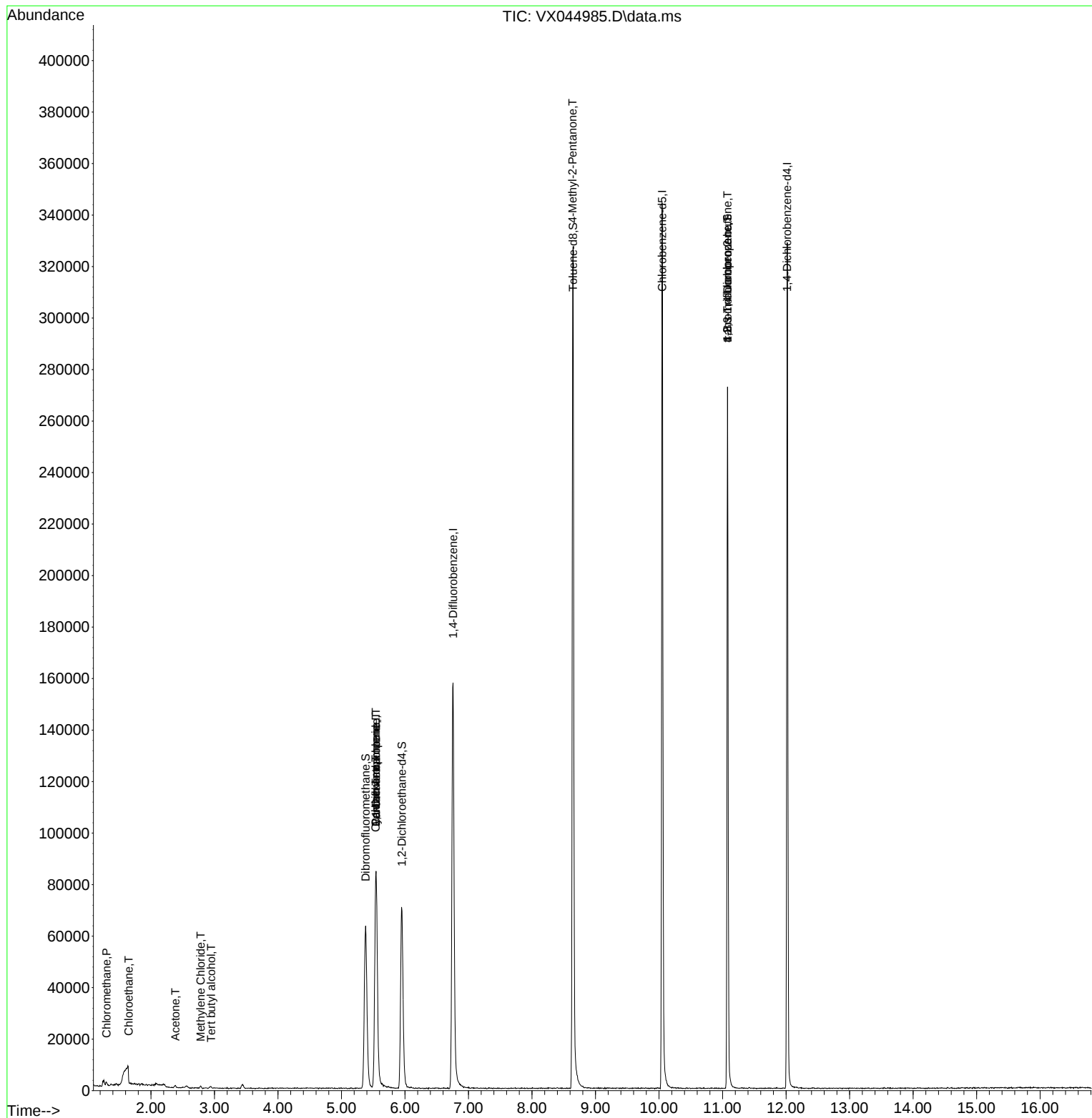
Internal Standards						
1) Pentafluorobenzene	5.544	168	81998	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	168065	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	150248	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	63533	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	67557	56.283	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 112.560%		
35) Dibromofluoromethane	5.379	113	55624	50.905	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 101.800%		
50) Toluene-d8	8.647	98	205870	49.824	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 99.640%		
62) 4-Bromofluorobenzene	11.079	95	71224	51.131	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 102.260%		
Target Compounds						
					Qvalue	
3) Chloromethane	1.300	50	1085	0.775	ug/l	96
6) Chloroethane	1.648	64	74	1.454	ug/l #	42
11) Tert butyl alcohol	2.946	59	235	1.055	ug/l #	73
16) Acetone	2.386	43	1136	2.354	ug/l #	76
20) Methylene Chloride	2.782	84	345	0.292	ug/l #	83
31) Cyclohexane	5.537	56	2210	1.186	ug/l #	24
36) 1,1-Dichloropropene	5.544	75	7264	4.608	ug/l #	49
38) Carbon Tetrachloride	5.544	117	8815	5.706	ug/l #	15
51) 4-Methyl-2-Pentanone	8.641	43	934	0.543	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	37790	26.828	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	37790	69.011	ug/l #	11

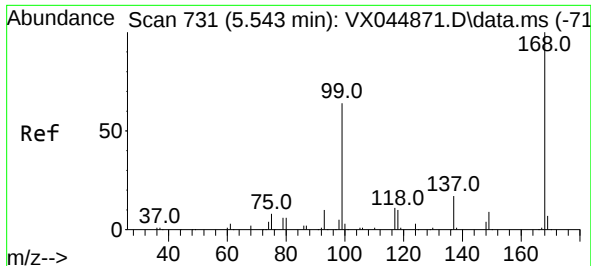
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021825\
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ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

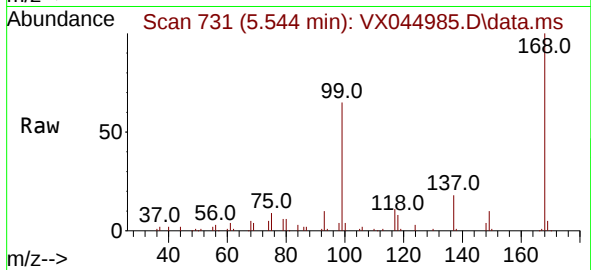
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 11 03:41:08 2025
Response via : Initial Calibration



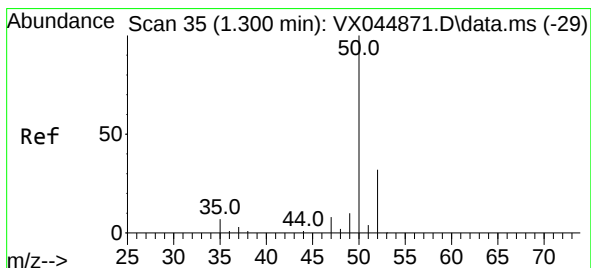
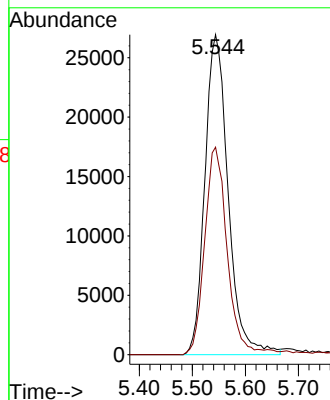
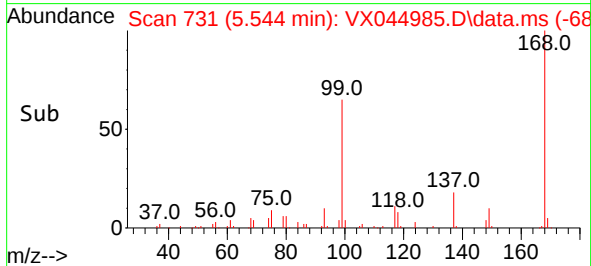


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX044985.D
Acq: 18 Feb 2025 14:14

Instrument :
MSVOA_X
ClientSampleId :

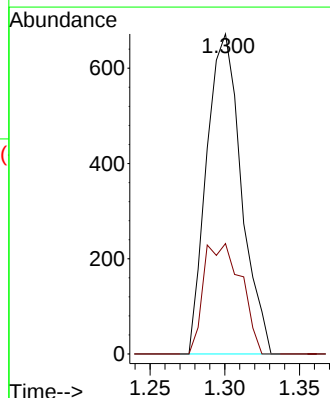
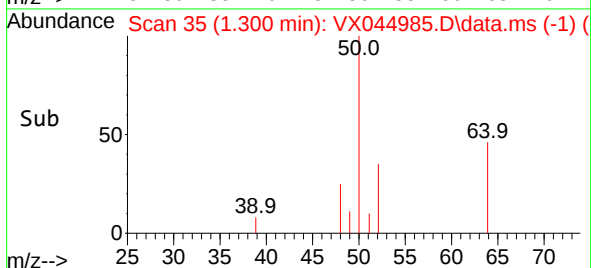
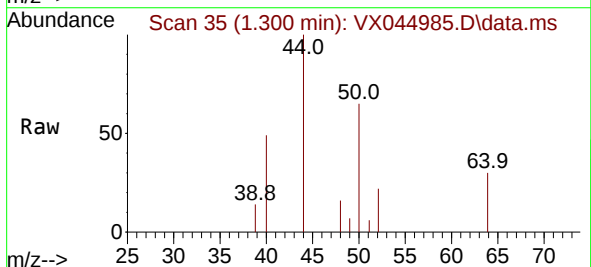


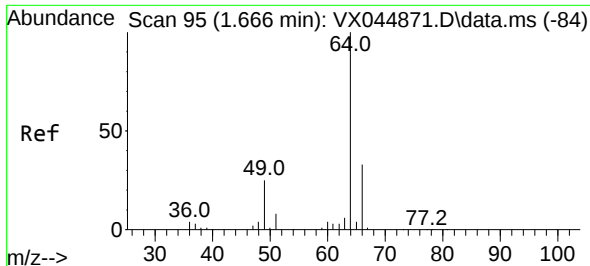
Tgt Ion:168 Resp: 81998
Ion Ratio Lower Upper
168 100
99 64.8 51.2 76.8



#3
Chloromethane
Concen: 0.775 ug/l
RT: 1.300 min Scan# 35
Delta R.T. 0.000 min
Lab File: VX044985.D
Acq: 18 Feb 2025 14:14

Tgt Ion: 50 Resp: 1085
Ion Ratio Lower Upper
50 100
52 34.5 25.9 38.9

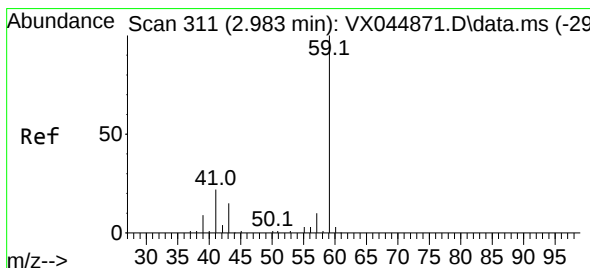
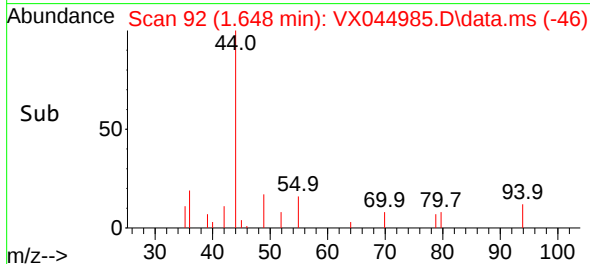
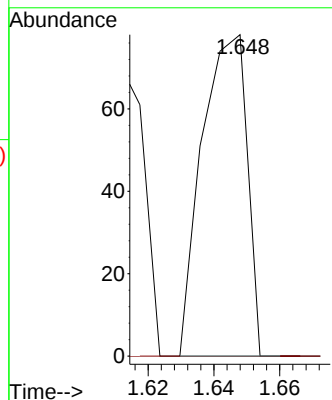
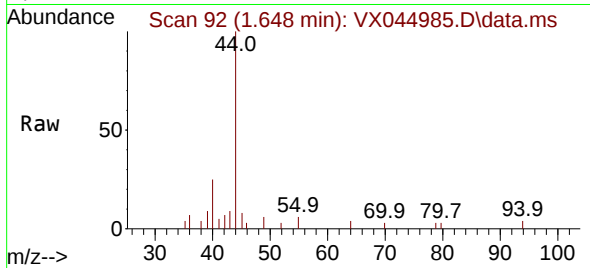




#6
Chloroethane
Concen: 1.454 ug/l
RT: 1.648 min Scan# 91
Delta R.T. -0.018 min
Lab File: VX044985.D
Acq: 18 Feb 2025 14:14

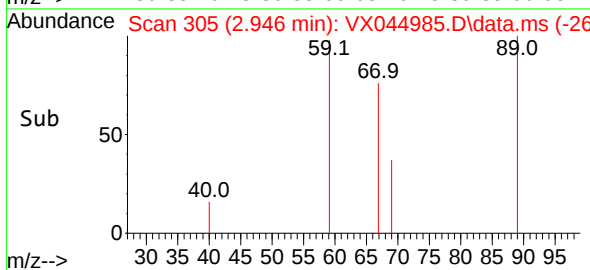
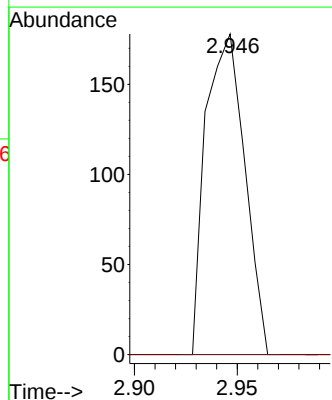
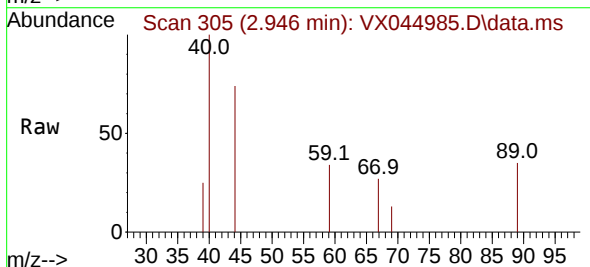
Instrument :
MSVOA_X
ClientSampleId :

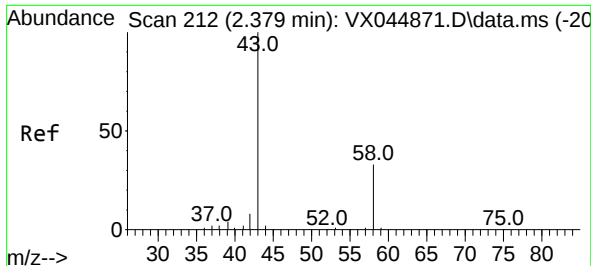
Tgt Ion: 64 Resp: 74
Ion Ratio Lower Upper
64 100
66 0.0 25.9 38.9#



#11
Tert butyl alcohol
Concen: 1.055 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.036 min
Lab File: VX044985.D
Acq: 18 Feb 2025 14:14

Tgt Ion: 59 Resp: 235
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

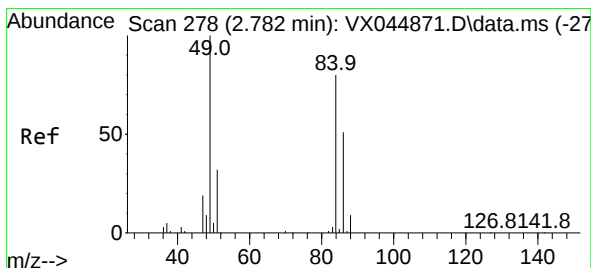
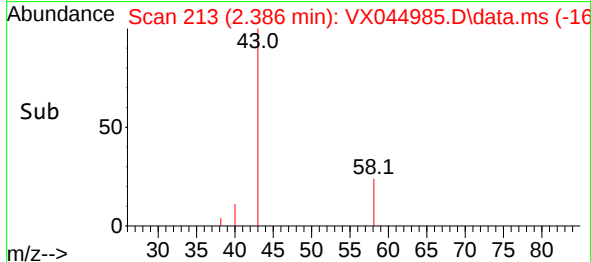
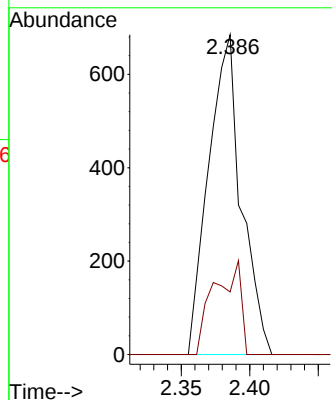
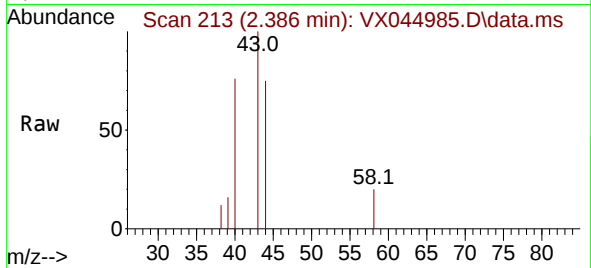




#16
Acetone
Concen: 2.354 ug/l
RT: 2.386 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX044985.D
Acq: 18 Feb 2025 14:14

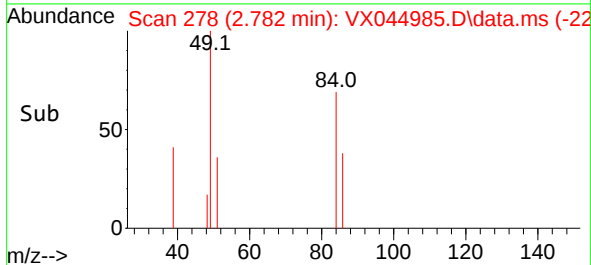
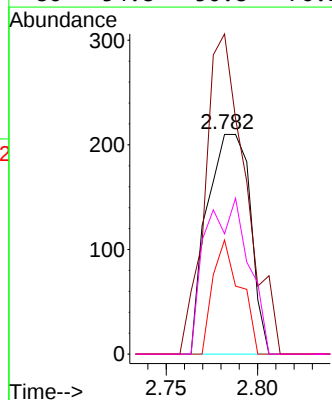
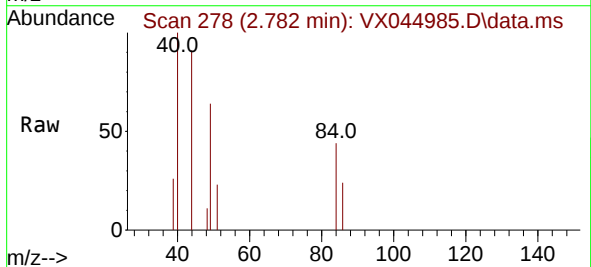
Instrument :
MSVOA_X
ClientSampleId :

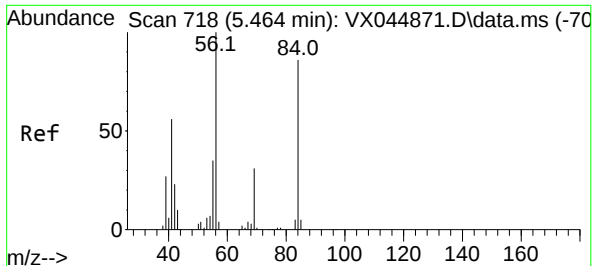
Tgt Ion: 43 Resp: 1136
Ion Ratio Lower Upper
43 100
58 19.6 26.5 39.7#



#20
Methylene Chloride
Concen: 0.292 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX044985.D
Acq: 18 Feb 2025 14:14

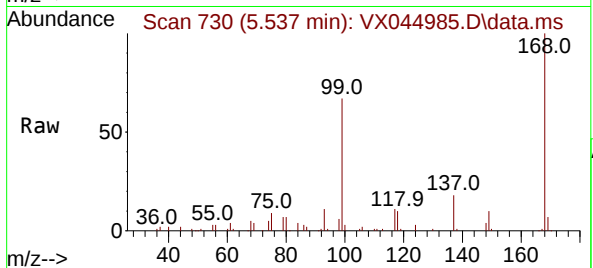
Tgt Ion: 84 Resp: 345
Ion Ratio Lower Upper
84 100
49 145.7 100.1 150.1
51 51.9 31.7 47.5#
86 54.8 50.8 76.2



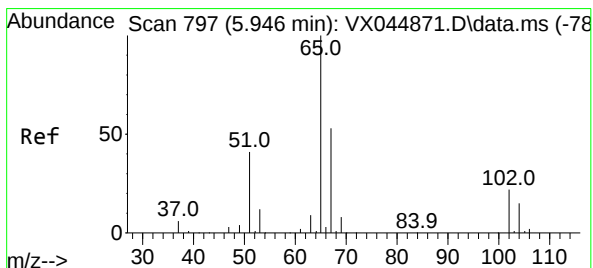
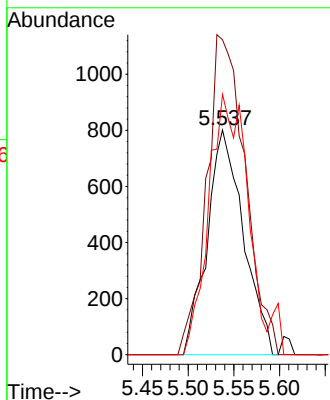
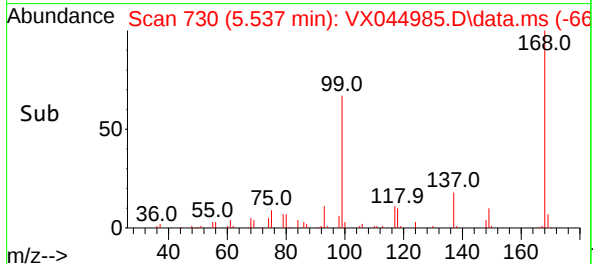


#31
Cyclohexane
Concen: 1.186 ug/l
RT: 5.537 min Scan# 718
Delta R.T. 0.073 min
Lab File: VX044985.D
Acq: 18 Feb 2025 14:14

Instrument :
MSVOA_X
ClientSampleId :

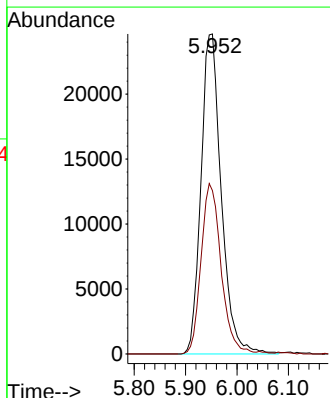
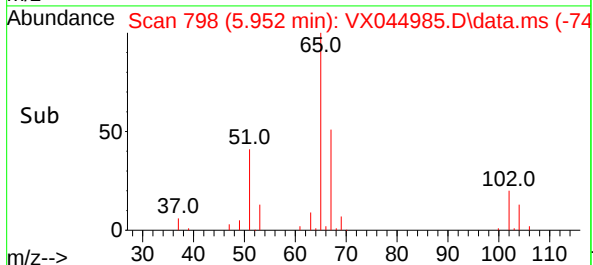
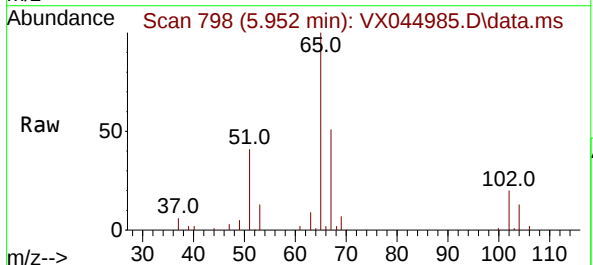


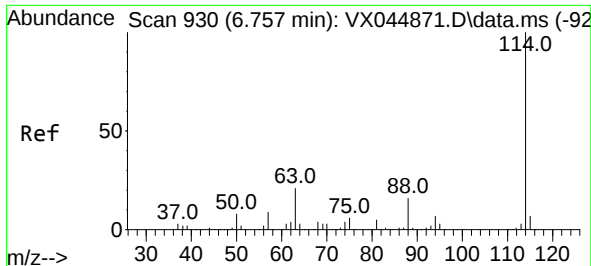
Tgt Ion: 56 Resp: 2210
Ion Ratio Lower Upper
56 100
69 140.2 24.4 36.6#
84 115.9 69.0 103.6#



#33
1,2-Dichloroethane-d4
Concen: 56.283 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX044985.D
Acq: 18 Feb 2025 14:14

Tgt Ion: 65 Resp: 67557
Ion Ratio Lower Upper
65 100
67 52.5 0.0 108.2

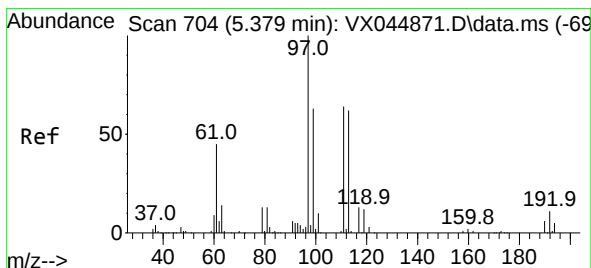
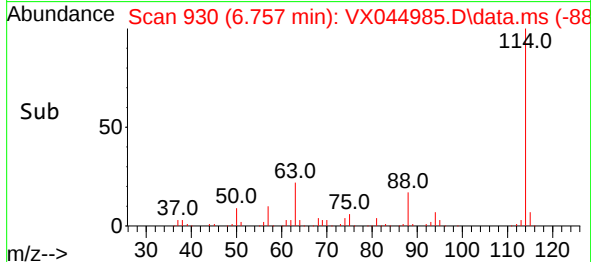
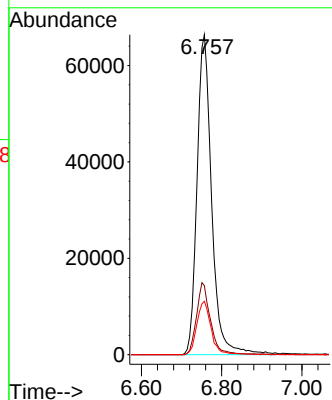
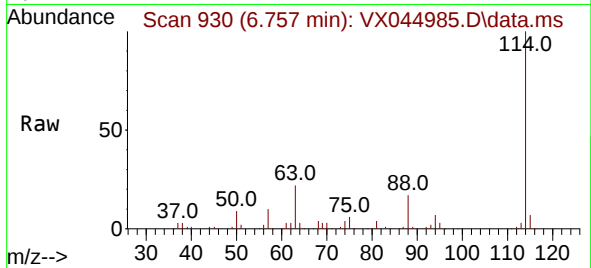




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VX044985.D
 Acq: 18 Feb 2025 14:14

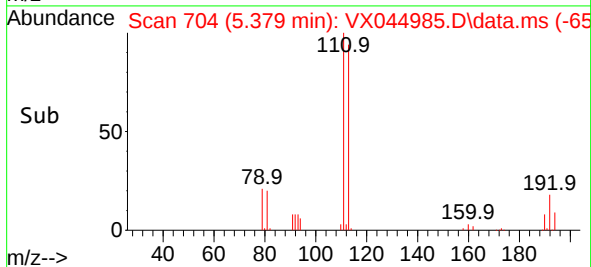
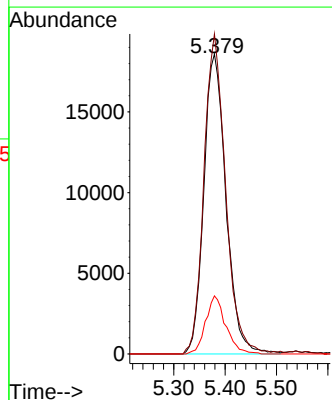
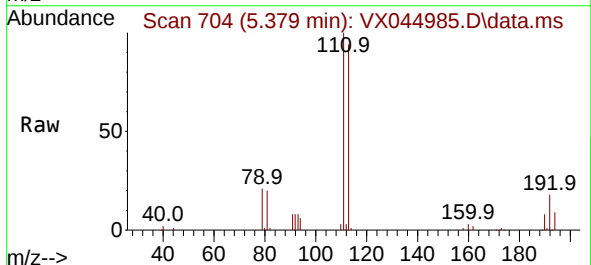
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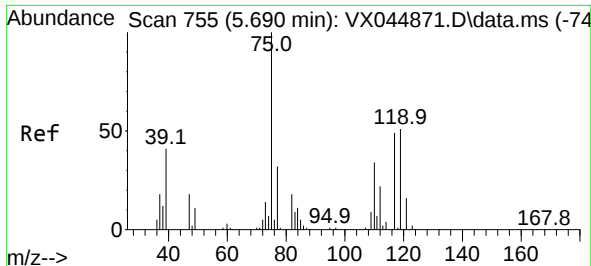
Tgt Ion:114 Resp: 168065
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 42.4
 88 16.7 0.0 31.4



#35
 Dibromofluoromethane
 Concen: 50.905 ug/l
 RT: 5.379 min Scan# 704
 Delta R.T. 0.000 min
 Lab File: VX044985.D
 Acq: 18 Feb 2025 14:14

Tgt Ion:113 Resp: 55624
 Ion Ratio Lower Upper
 113 100
 111 104.0 83.5 125.3
 192 17.6 14.4 21.6

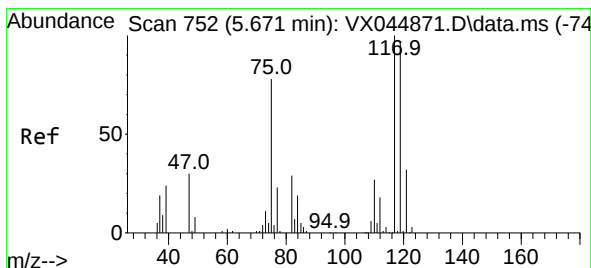
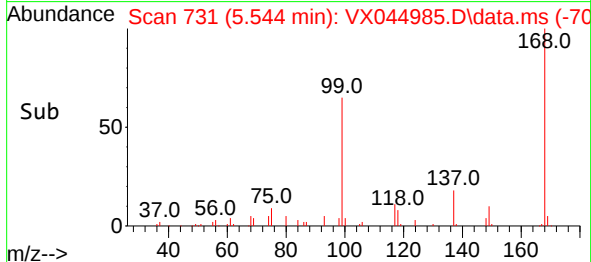
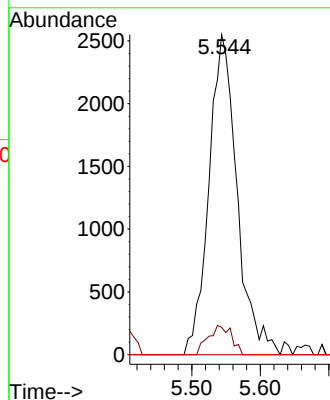
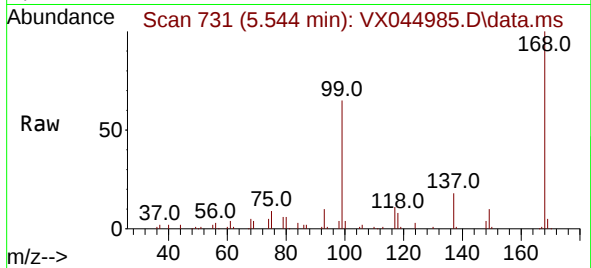




#36
1,1-Dichloropropene
Concen: 4.608 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX044985.D
Acq: 18 Feb 2025 14:14

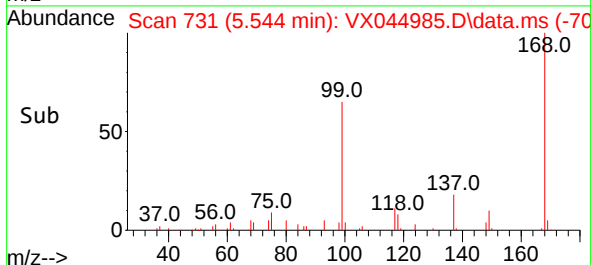
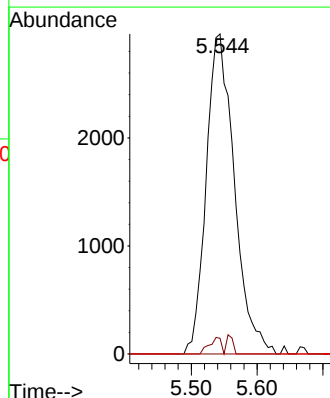
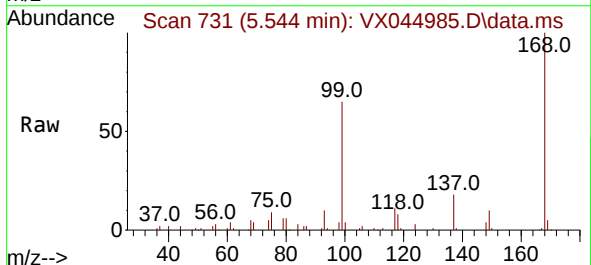
Instrument :
MSVOA_X
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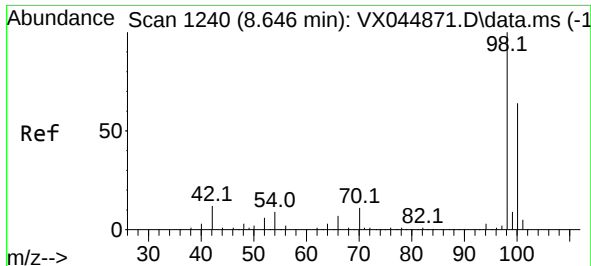
Tgt Ion: 75 Resp: 7264
Ion Ratio Lower Upper
75 100
110 7.5 17.2 51.6#
77 0.0 24.6 37.0#



#38
Carbon Tetrachloride
Concen: 5.706 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.128 min
Lab File: VX044985.D
Acq: 18 Feb 2025 14:14

Tgt Ion: 117 Resp: 8815
Ion Ratio Lower Upper
117 100
119 4.9 77.5 116.3#
121 0.0 25.6 38.4#

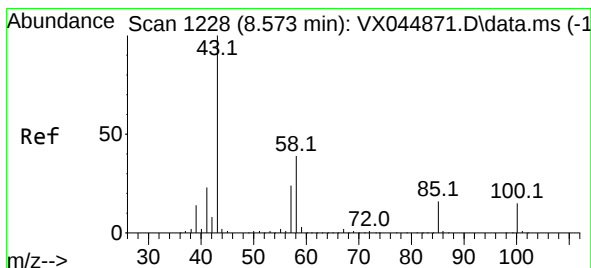
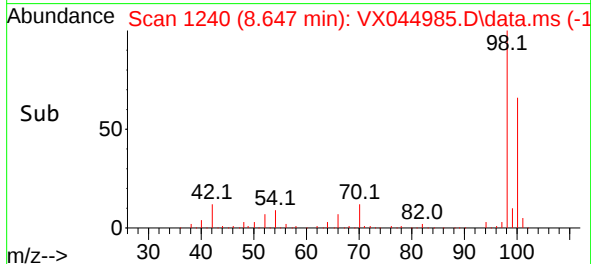
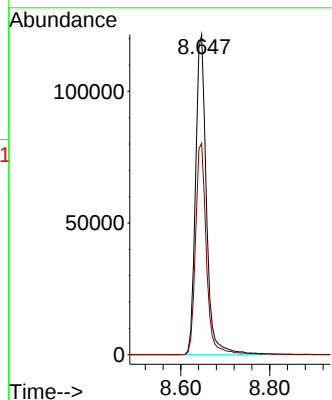
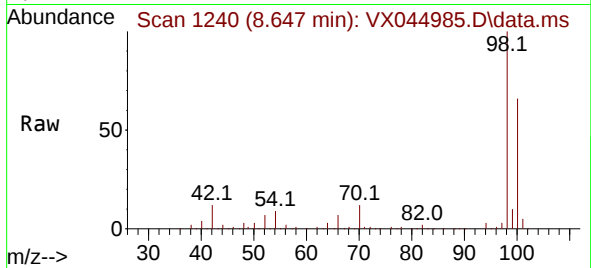




#50
Toluene-d8
Concen: 49.824 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX044985.D
Acq: 18 Feb 2025 14:14

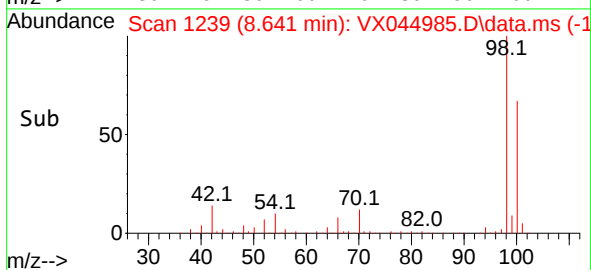
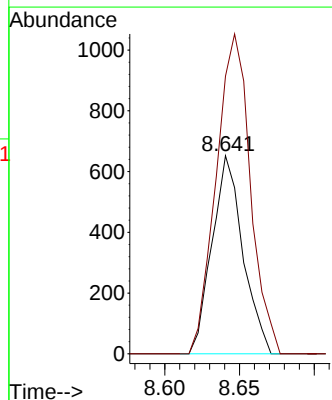
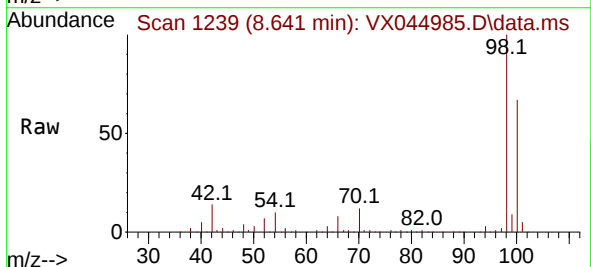
Instrument :
MSVOA_X
ClientSampleId :

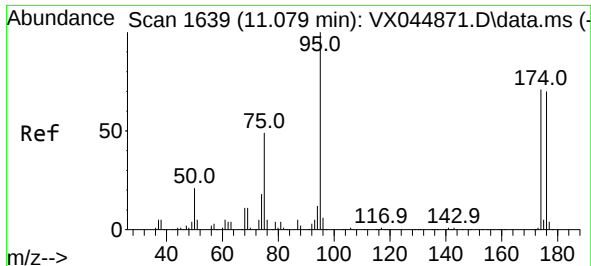
Tgt Ion: 98 Resp: 205870
Ion Ratio Lower Upper
98 100
100 66.4 52.7 79.1



#51
4-Methyl-2-Pentanone
Concen: 0.543 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. 0.067 min
Lab File: VX044985.D
Acq: 18 Feb 2025 14:14

Tgt Ion: 43 Resp: 934
Ion Ratio Lower Upper
43 100
58 179.3 30.8 46.2#

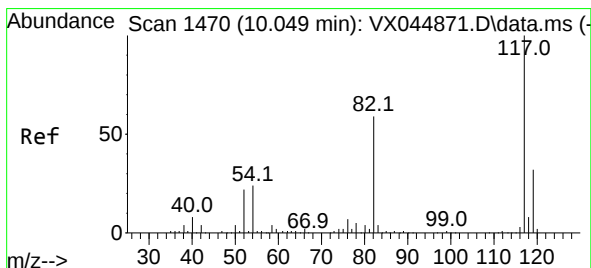
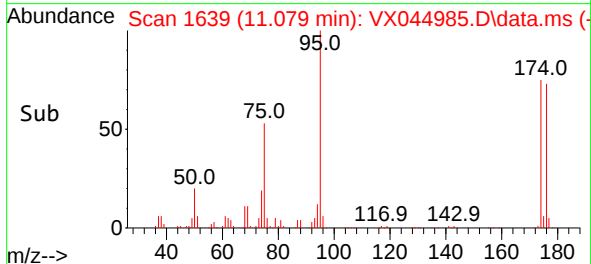
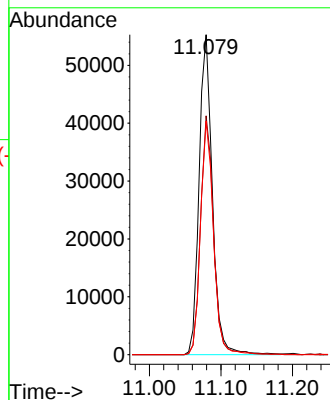
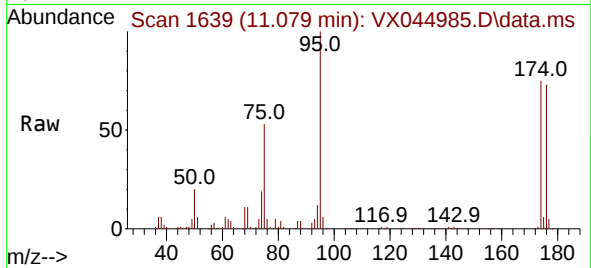




#62
4-Bromofluorobenzene
Concen: 51.131 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX044985.D
Acq: 18 Feb 2025 14:14

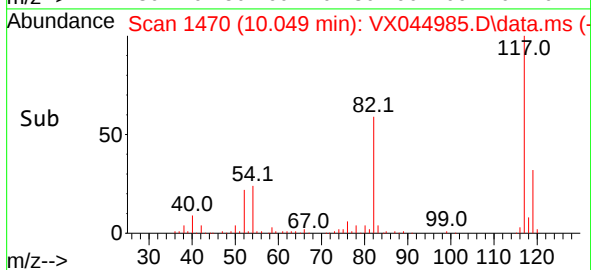
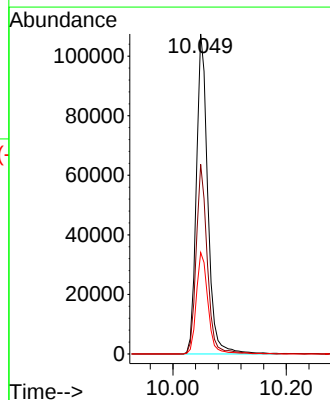
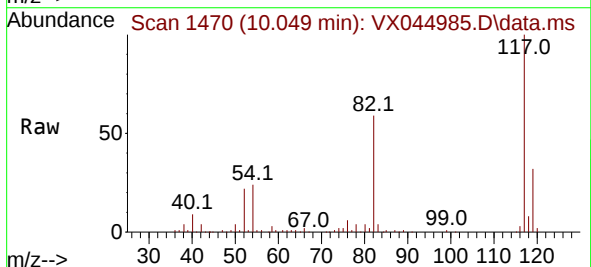
Instrument :
MSVOA_X
ClientSampleId :

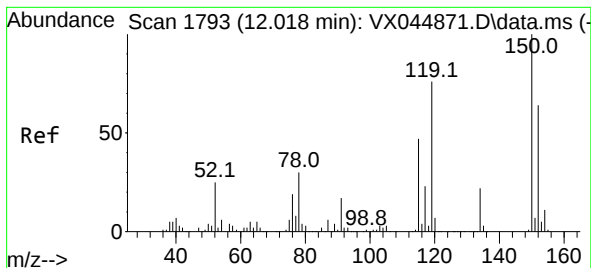
Tgt Ion: 95 Resp: 71224
Ion Ratio Lower Upper
95 100
174 73.4 0.0 142.6
176 71.6 0.0 141.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX044985.D
Acq: 18 Feb 2025 14:14

Tgt Ion: 117 Resp: 150248
Ion Ratio Lower Upper
117 100
82 59.2 47.5 71.3
119 31.7 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX044985.D

Acq: 18 Feb 2025 14:14

Instrument :

MSVOA_X

ClientSampleId :

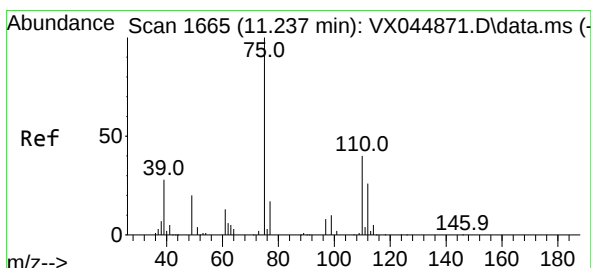
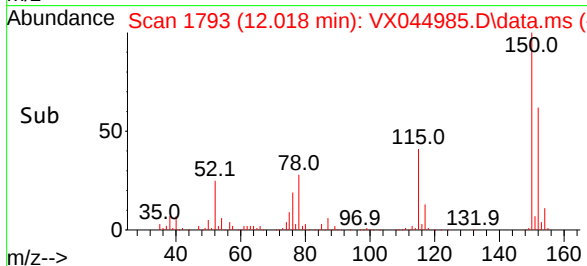
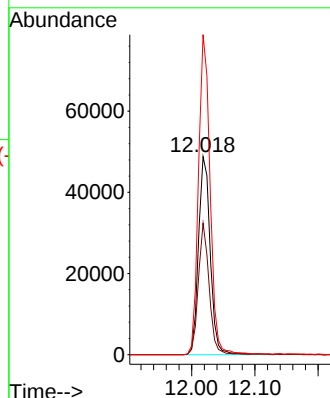
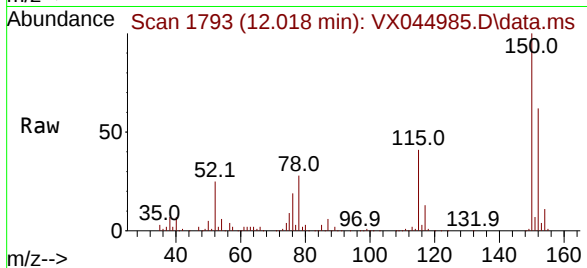
Tgt Ion:152 Resp: 63533

Ion Ratio Lower Upper

152 100

115 60.8 43.4 130.1

150 158.8 0.0 350.4



#76

1,2,3-Trichloropropane

Concen: 26.828 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX044985.D

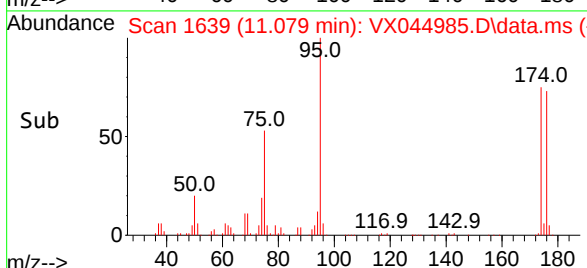
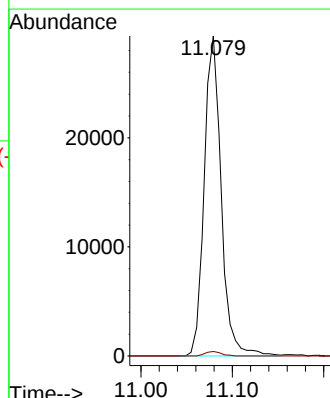
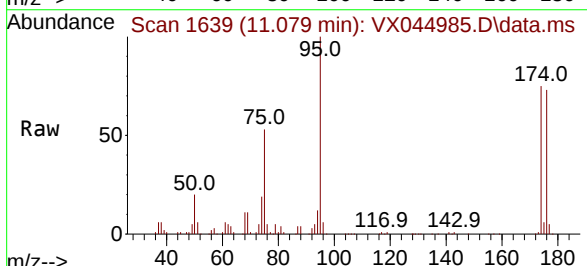
Acq: 18 Feb 2025 14:14

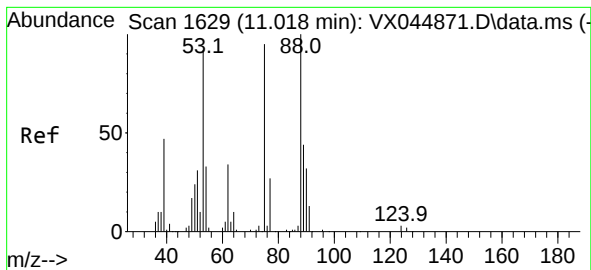
Tgt Ion: 75 Resp: 37790

Ion Ratio Lower Upper

75 100

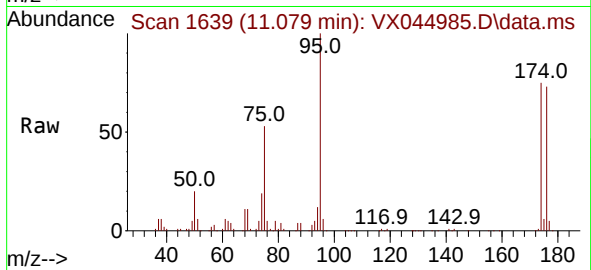
77 1.3 21.9 65.7#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 69.011 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX044985.D
 Acq: 18 Feb 2025 14:14

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 37790
 Ion Ratio Lower Upper
 75 100
 53 0.0 78.0 117.0#
 89 0.0 36.6 54.8#

