

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021025\
 Data File : VX044885.D
 Acq On : 10 Feb 2025 17:14
 Operator : JC/MD
 Sample : Q1250-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 11 06:08:08 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)

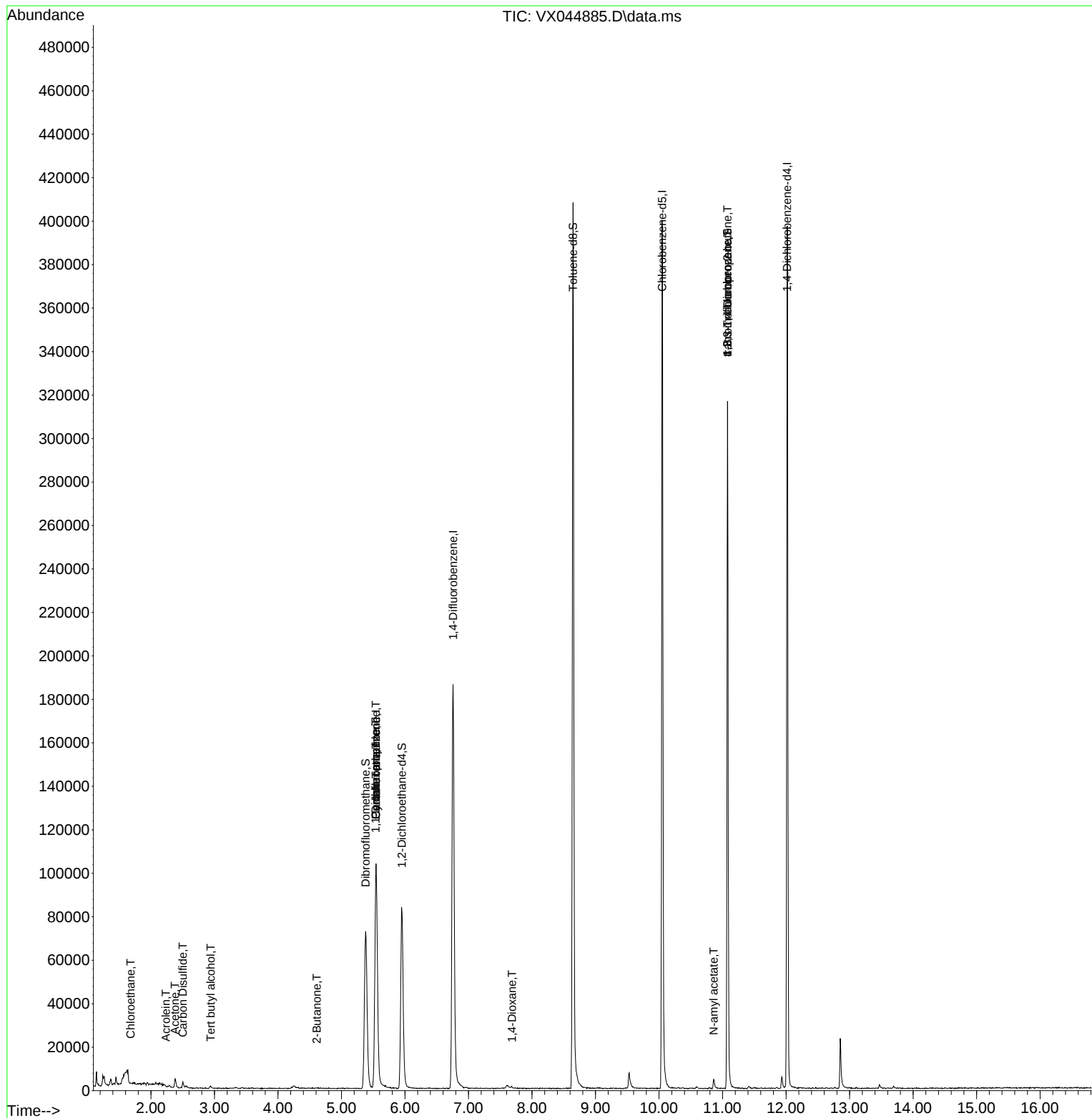
Internal Standards						
1) Pentafluorobenzene	5.544	168	98000	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	197272	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	182089	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	77317	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	77166	53.791	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.580%	
35) Dibromofluoromethane	5.379	113	65422	51.007	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.020%	
50) Toluene-d8	8.647	98	246658	50.857	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.720%	
62) 4-Bromofluorobenzene	11.079	95	84932	51.945	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 103.880%	
Target Compounds						
					Qvalue	
6) Chloroethane	1.678	64	369	1.811	ug/l #	42
11) Tert butyl alcohol	2.940	59	391	1.469	ug/l #	73
13) Acrolein	2.233	56	121	0.441	ug/l #	73
16) Acetone	2.380	43	4331	7.510	ug/l	98
17) Carbon Disulfide	2.501	76	2961	0.855	ug/l	96
25) 2-Butanone	4.611	43	244	0.261	ug/l #	48
31) Cyclohexane	5.544	56	2395	1.075	ug/l #	1
36) 1,1-Dichloropropene	5.538	75	8704	4.704	ug/l #	49
38) Carbon Tetrachloride	5.544	117	10135	5.589	ug/l #	17
49) 1,4-Dioxane	7.683	88	423	12.581	ug/l #	71
74) N-amyl acetate	10.860	43	810	0.288	ug/l #	8
76) 1,2,3-Trichloropropane	11.079	75	44160	25.761	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	44160	66.267	ug/l #	11

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

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Quant Time: Feb 11 06:08:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

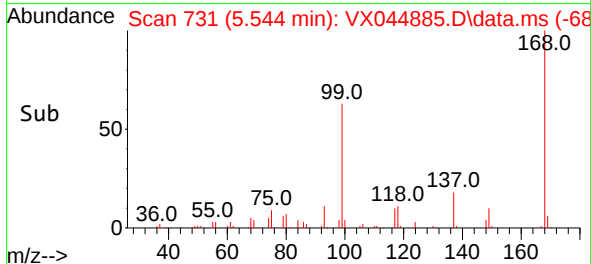
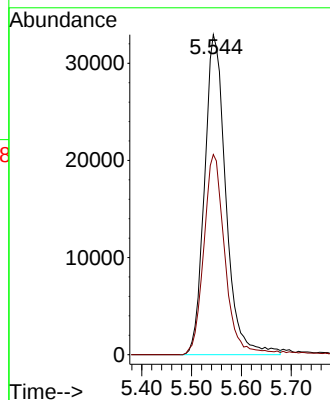
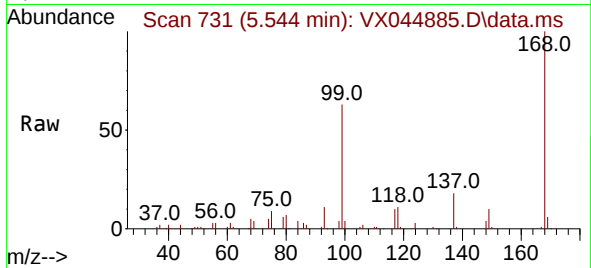




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX044885.D
Acq: 10 Feb 2025 17:14

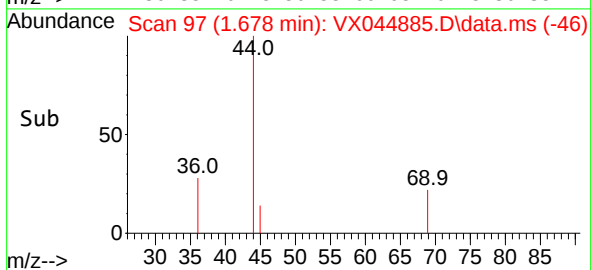
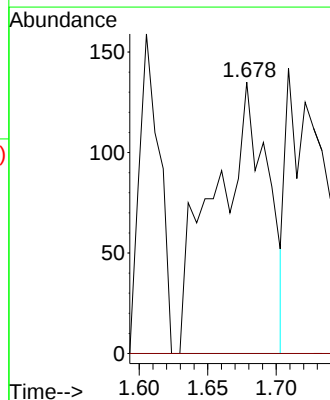
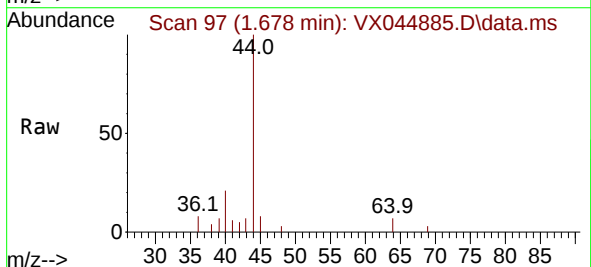
Instrument :
MSVOA_X
ClientSampleId :

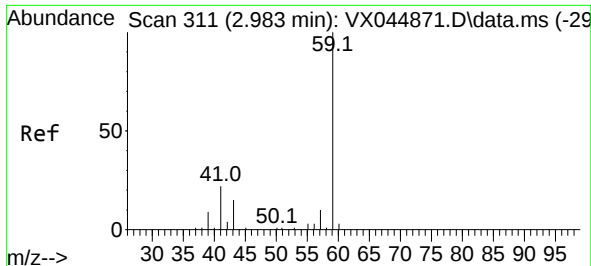
Tgt Ion:168 Resp: 98000
Ion Ratio Lower Upper
168 100
99 62.5 51.2 76.8



#6
Chloroethane
Concen: 1.811 ug/l
RT: 1.678 min Scan# 97
Delta R.T. 0.012 min
Lab File: VX044885.D
Acq: 10 Feb 2025 17:14

Tgt Ion: 64 Resp: 369
Ion Ratio Lower Upper
64 100
66 0.0 25.9 38.9#





#11

Tert butyl alcohol

Concen: 1.469 ug/l

RT: 2.940 min Scan# 304

Delta R.T. -0.042 min

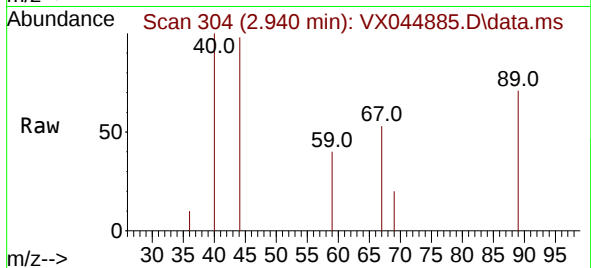
Lab File: VX044885.D

Acq: 10 Feb 2025 17:14

Instrument :

MSVOA_X

ClientSampleId :

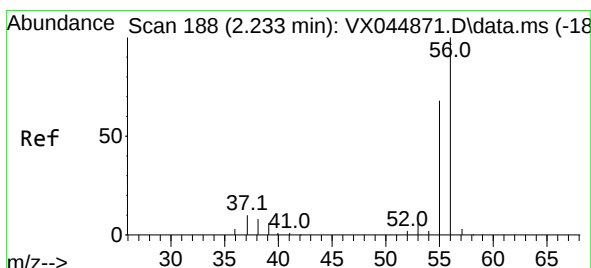
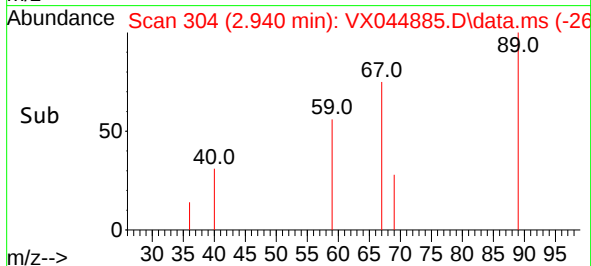
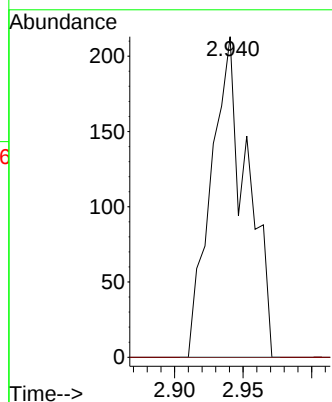


Tgt Ion: 59 Resp: 391

Ion Ratio Lower Upper

59 100

57 0.0 8.1 12.1#



#13

Acrolein

Concen: 0.441 ug/l

RT: 2.233 min Scan# 188

Delta R.T. 0.000 min

Lab File: VX044885.D

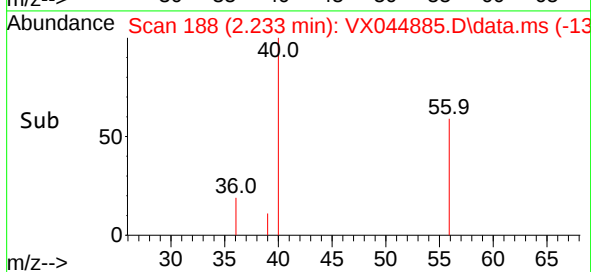
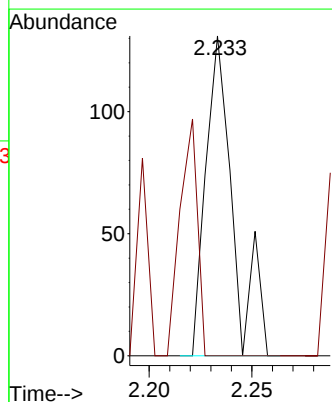
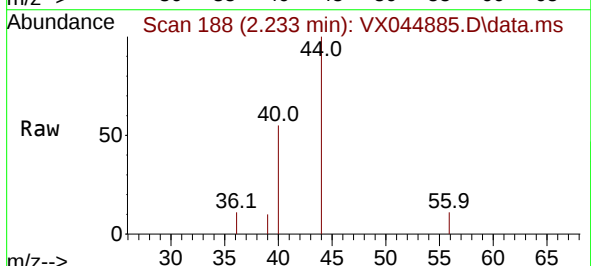
Acq: 10 Feb 2025 17:14

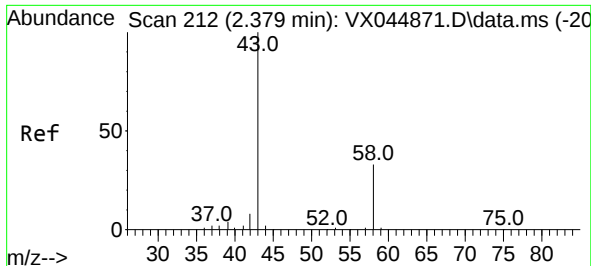
Tgt Ion: 56 Resp: 121

Ion Ratio Lower Upper

56 100

55 47.1 55.7 83.5#

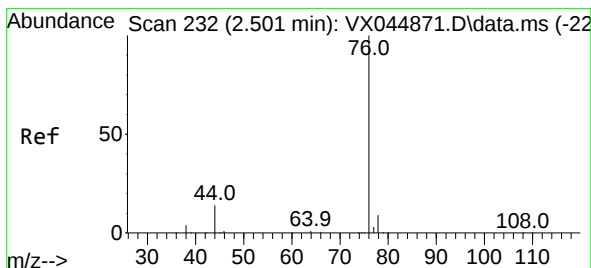
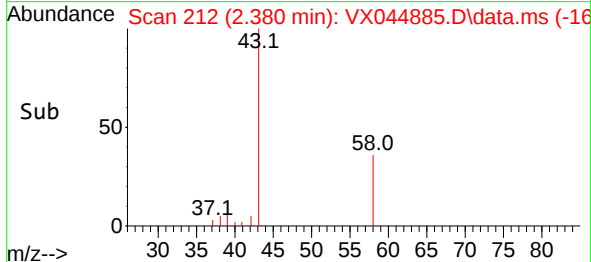
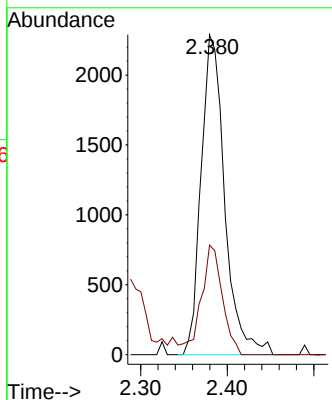
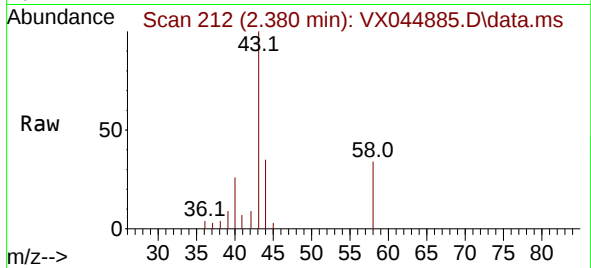




#16
Acetone
Concen: 7.510 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX044885.D
Acq: 10 Feb 2025 17:14

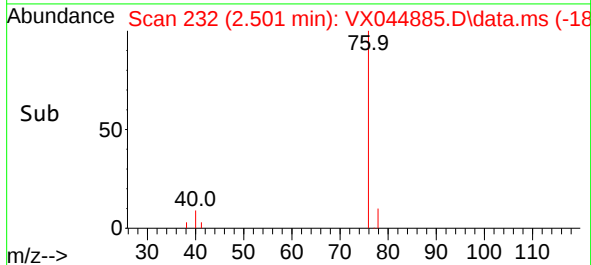
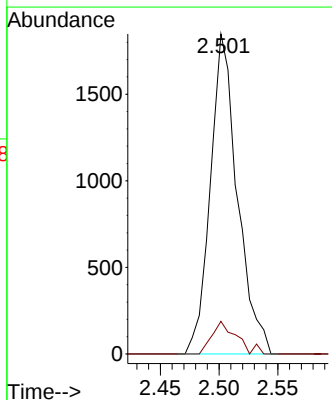
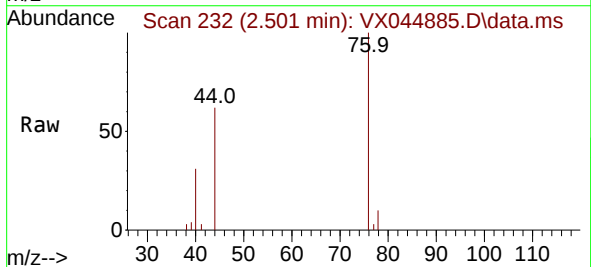
Instrument :
MSVOA_X
ClientSampleId :

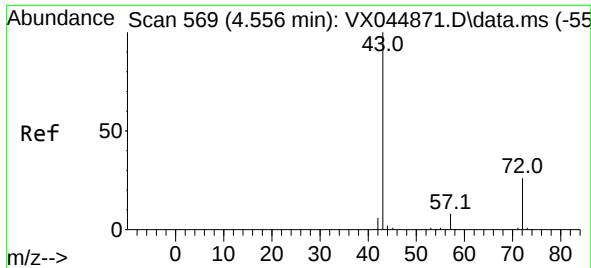
Tgt Ion: 43 Resp: 4331
Ion Ratio Lower Upper
43 100
58 34.3 26.5 39.7



#17
Carbon Disulfide
Concen: 0.855 ug/l
RT: 2.501 min Scan# 232
Delta R.T. 0.000 min
Lab File: VX044885.D
Acq: 10 Feb 2025 17:14

Tgt Ion: 76 Resp: 2961
Ion Ratio Lower Upper
76 100
78 10.2 7.0 10.4

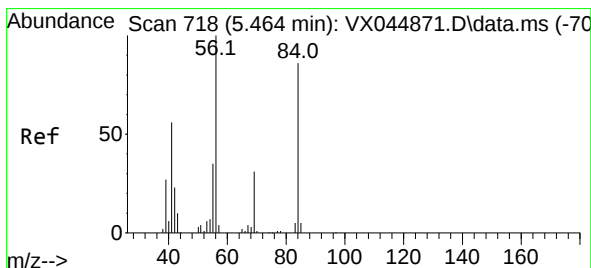
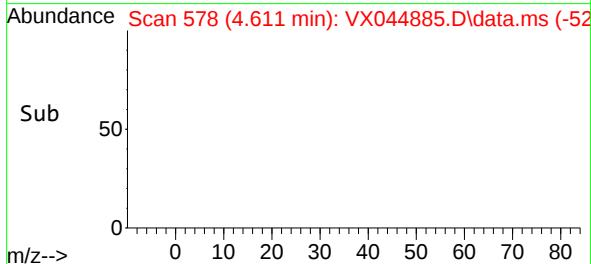
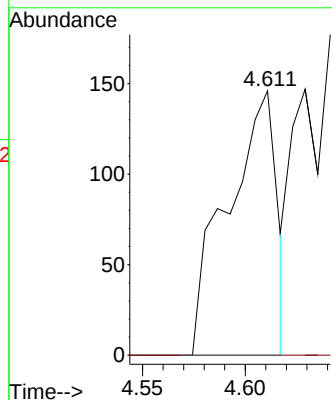
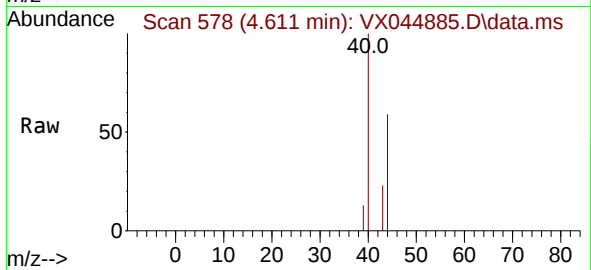




#25
2-Butanone
Concen: 0.261 ug/l
RT: 4.611 min Scan# 51
Delta R.T. 0.055 min
Lab File: VX044885.D
Acq: 10 Feb 2025 17:14

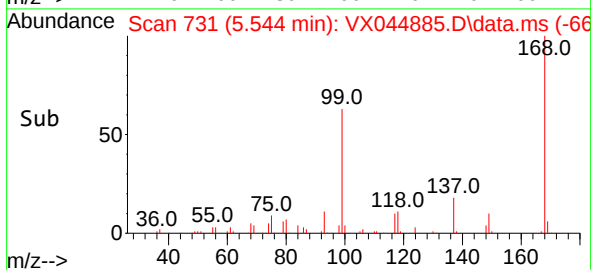
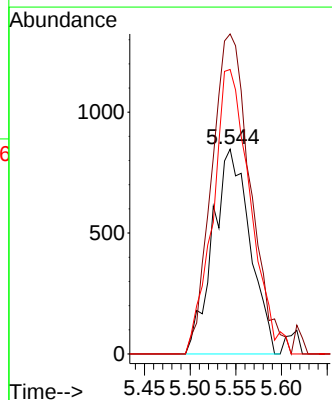
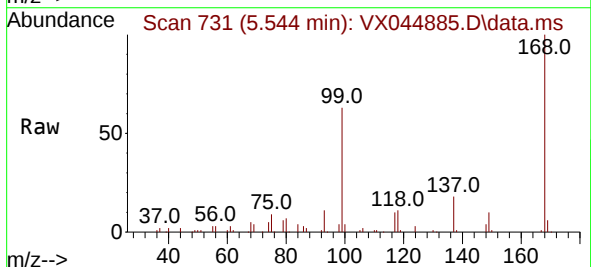
Instrument :
MSVOA_X
ClientSampleId :

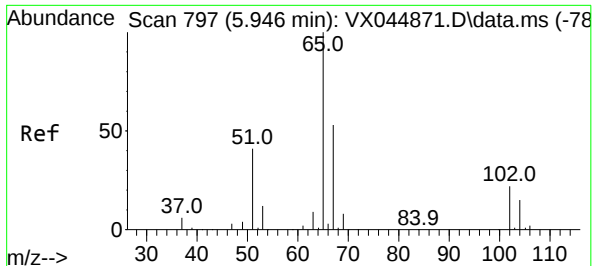
Tgt Ion: 43 Resp: 244
Ion Ratio Lower Upper
43 100
72 0.0 21.2 31.8#



#31
Cyclohexane
Concen: 1.075 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.080 min
Lab File: VX044885.D
Acq: 10 Feb 2025 17:14

Tgt Ion: 56 Resp: 2395
Ion Ratio Lower Upper
56 100
69 156.3 24.4 36.6#
84 139.0 69.0 103.6#





#33

1,2-Dichloroethane-d4

Concen: 53.791 ug/l

RT: 5.952 min Scan# 79

Delta R.T. 0.006 min

Lab File: VX044885.D

Acq: 10 Feb 2025 17:14

Instrument :

MSVOA_X

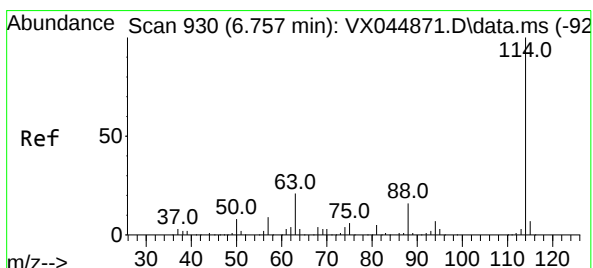
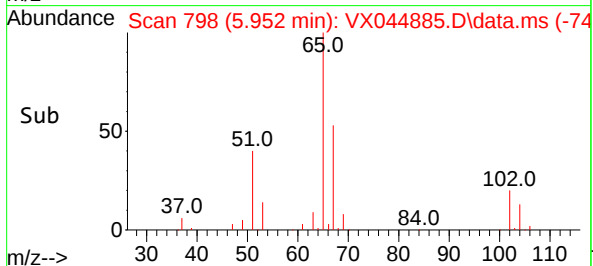
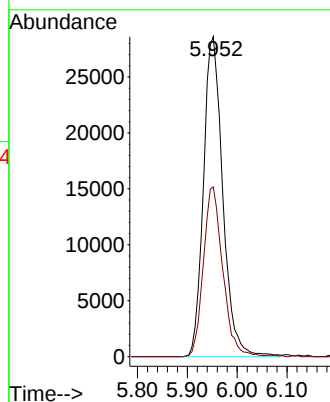
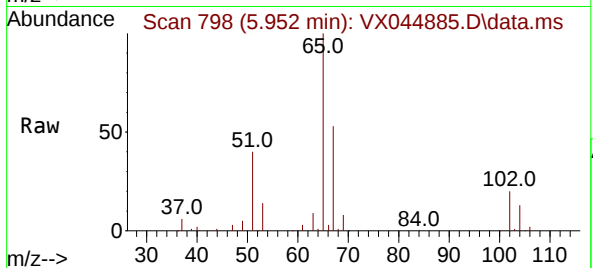
ClientSampleId :

Tgt Ion: 65 Resp: 77166

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# 930

Delta R.T. 0.000 min

Lab File: VX044885.D

Acq: 10 Feb 2025 17:14

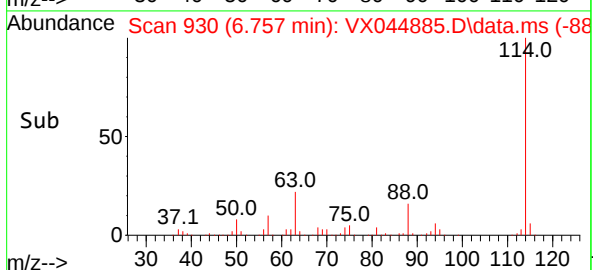
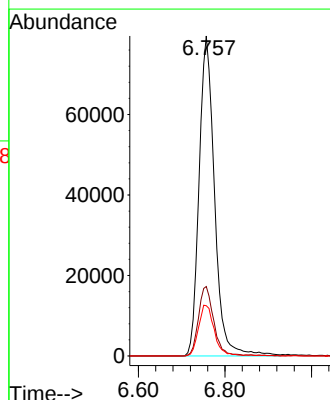
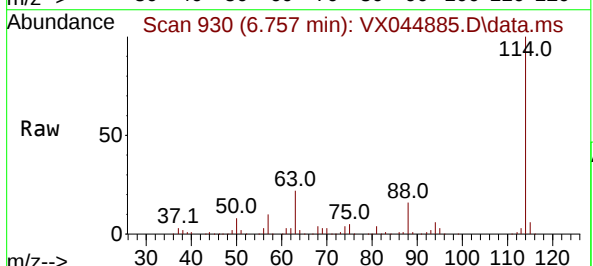
Tgt Ion: 114 Resp: 197272

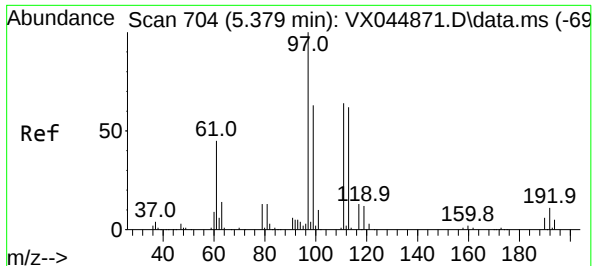
Ion Ratio Lower Upper

114 100

63 21.7 0.0 42.4

88 15.7 0.0 31.4





#35

Dibromofluoromethane

Concen: 51.007 ug/l

RT: 5.379 min Scan# 704

Delta R.T. 0.000 min

Lab File: VX044885.D

Acq: 10 Feb 2025 17:14

Instrument :

MSVOA_X

ClientSampleId :

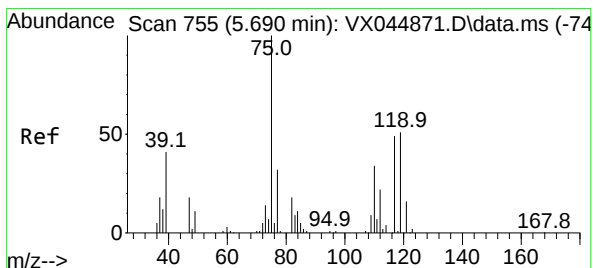
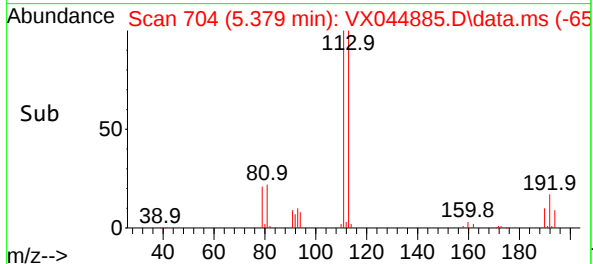
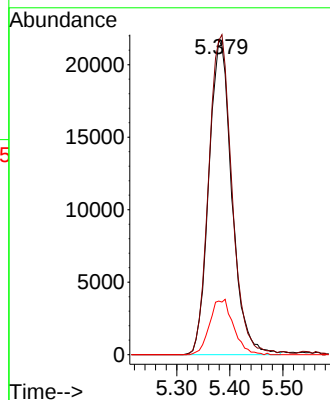
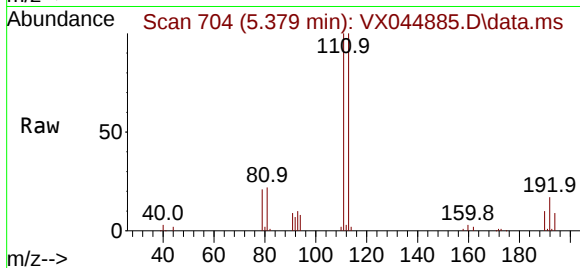
Tgt Ion:113 Resp: 65422

Ion Ratio Lower Upper

113 100

111 102.7 83.5 125.3

192 18.1 14.4 21.6



#36

1,1-Dichloropropene

Concen: 4.704 ug/l

RT: 5.538 min Scan# 730

Delta R.T. -0.152 min

Lab File: VX044885.D

Acq: 10 Feb 2025 17:14

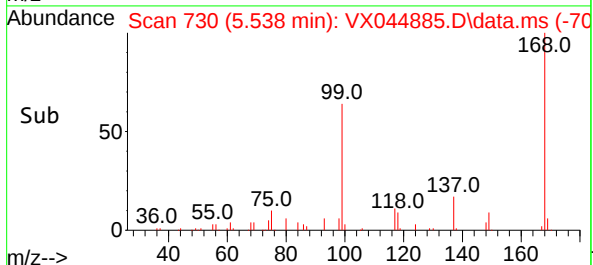
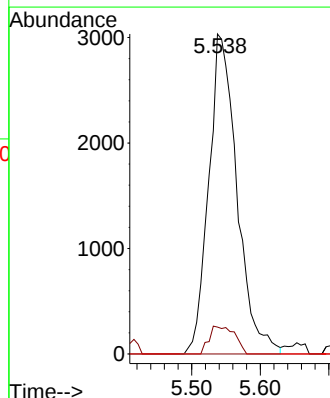
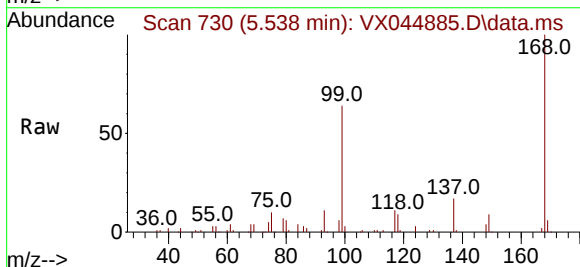
Tgt Ion: 75 Resp: 8704

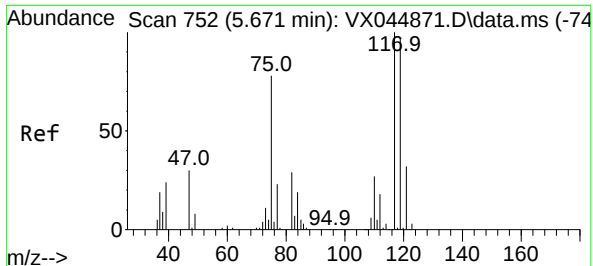
Ion Ratio Lower Upper

75 100

110 7.8 17.2 51.6#

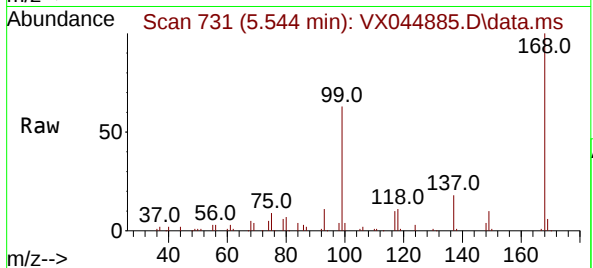
77 0.0 24.6 37.0#



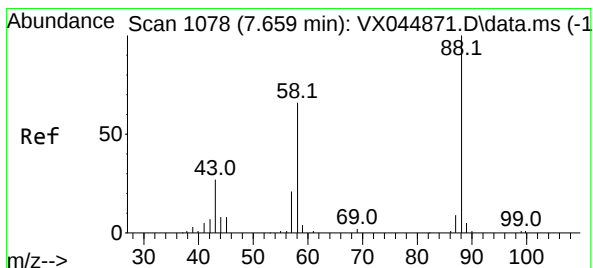
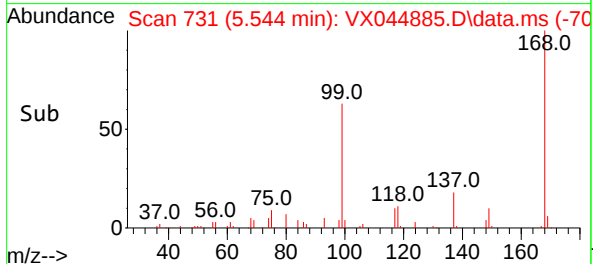
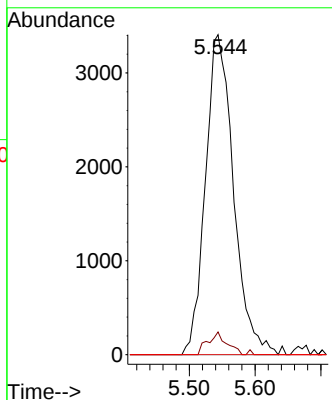


#38
Carbon Tetrachloride
Concen: 5.589 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX044885.D
Acq: 10 Feb 2025 17:14

Instrument :
MSVOA_X
ClientSampleId :

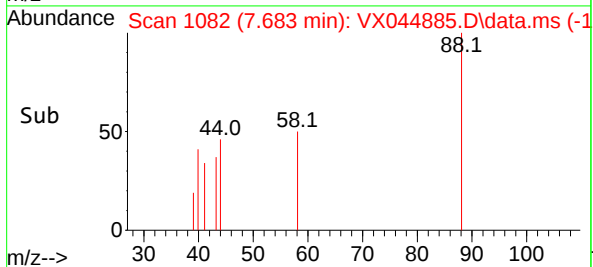
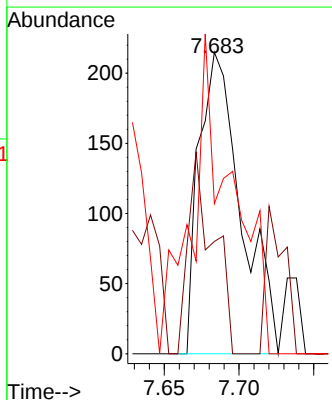
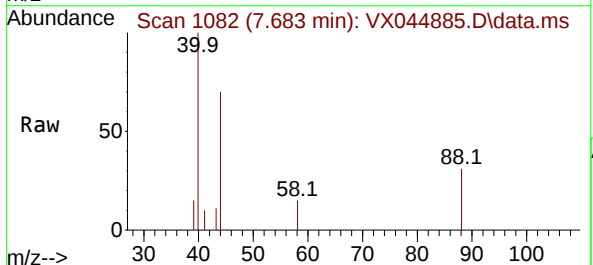


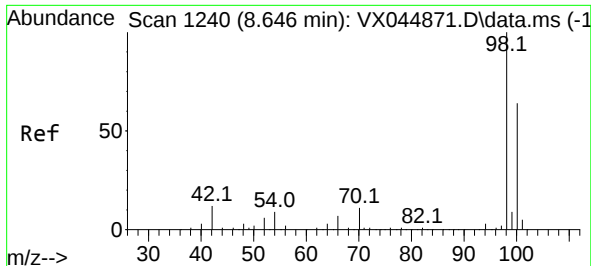
Tgt Ion:117 Resp: 10135
Ion Ratio Lower Upper
117 100
119 7.1 77.5 116.3#
121 0.0 25.6 38.4#



#49
1,4-Dioxane
Concen: 12.581 ug/l
RT: 7.683 min Scan# 1082
Delta R.T. 0.025 min
Lab File: VX044885.D
Acq: 10 Feb 2025 17:14

Tgt Ion: 88 Resp: 423
Ion Ratio Lower Upper
88 100
43 39.7 26.6 39.8
58 100.5 55.9 83.9#

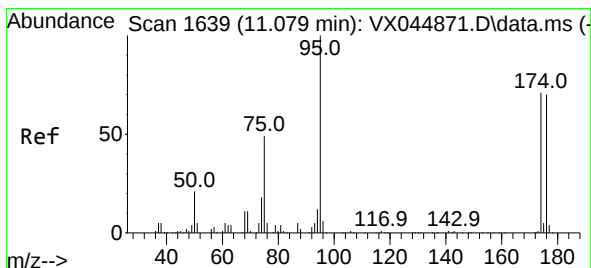
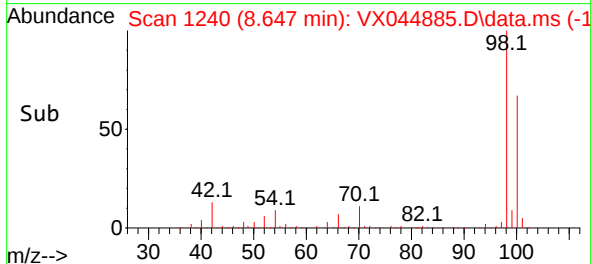
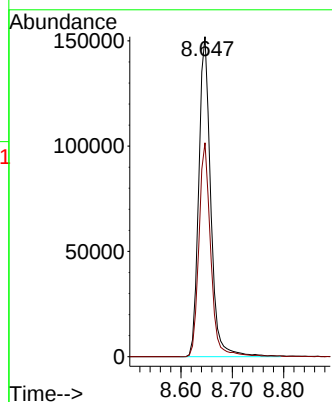
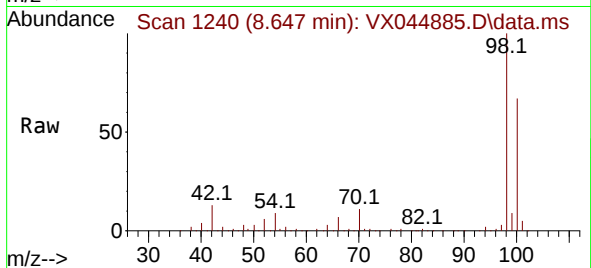




#50
Toluene-d8
Concen: 50.857 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX044885.D
Acq: 10 Feb 2025 17:14

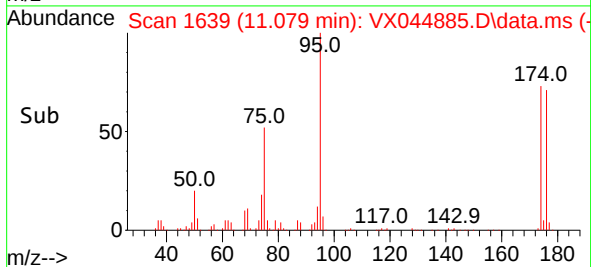
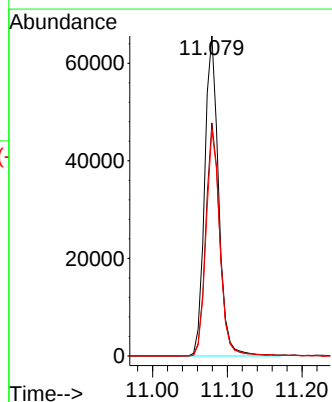
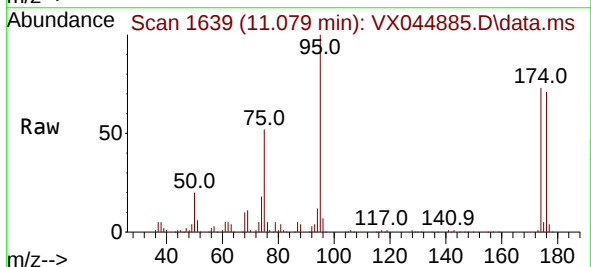
Instrument :
MSVOA_X
ClientSampleId :

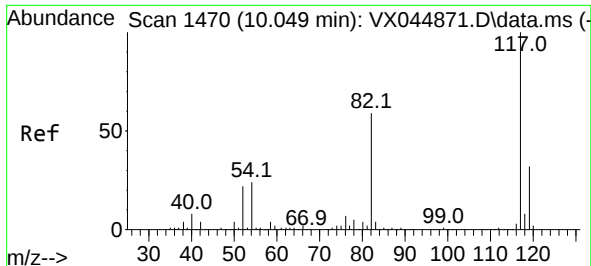
Tgt Ion: 98 Resp: 246658
Ion Ratio Lower Upper
98 100
100 66.0 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 51.945 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX044885.D
Acq: 10 Feb 2025 17:14

Tgt Ion: 95 Resp: 84932
Ion Ratio Lower Upper
95 100
174 73.3 0.0 142.6
176 70.4 0.0 141.6

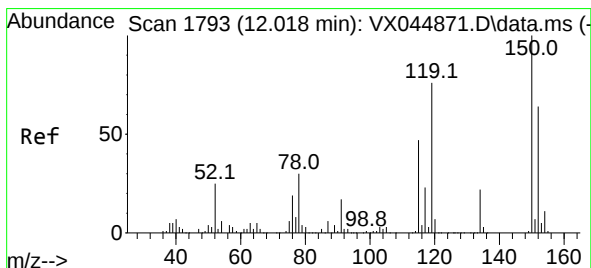
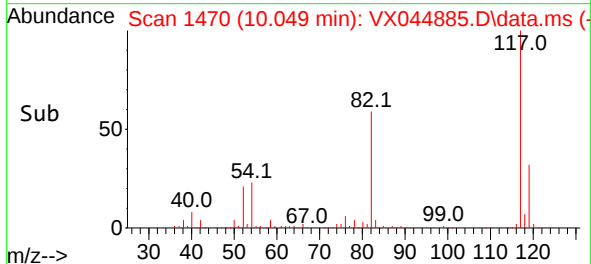
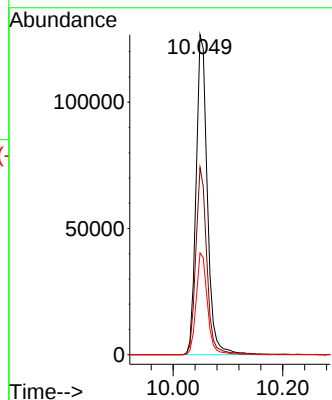
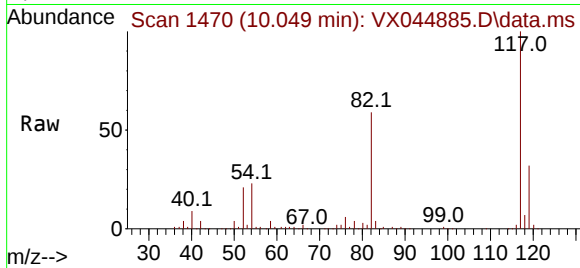




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX044885.D
Acq: 10 Feb 2025 17:14

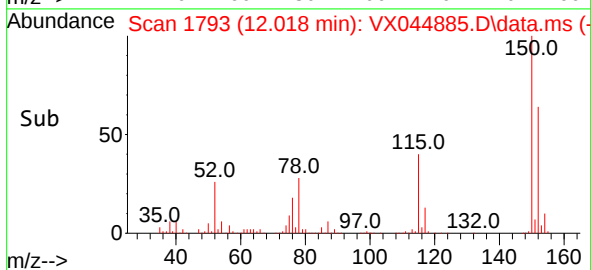
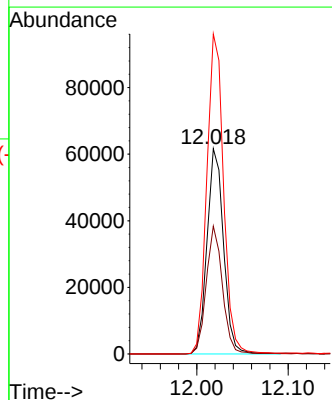
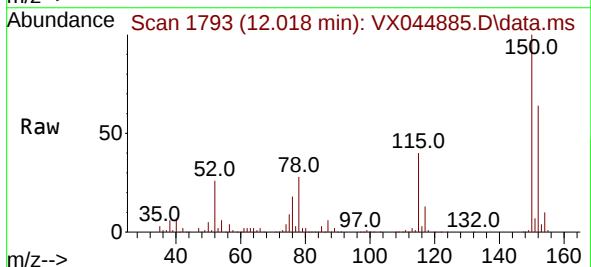
Instrument :
MSVOA_X
ClientSampleId :

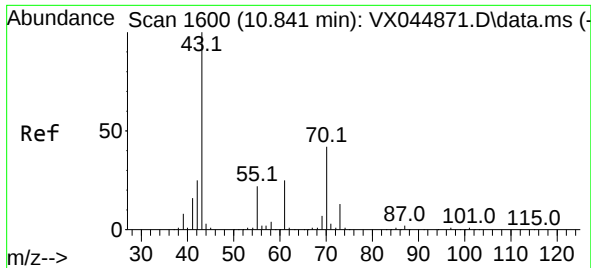
Tgt Ion:117 Resp: 182089
Ion Ratio Lower Upper
117 100
82 58.5 47.5 71.3
119 31.8 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX044885.D
Acq: 10 Feb 2025 17:14

Tgt Ion:152 Resp: 77317
Ion Ratio Lower Upper
152 100
115 61.0 43.4 130.1
150 157.5 0.0 350.4

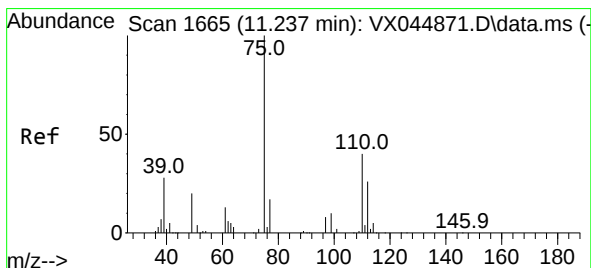
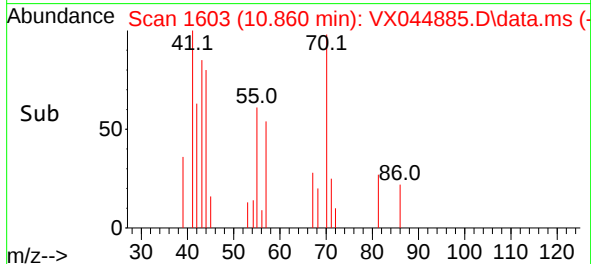
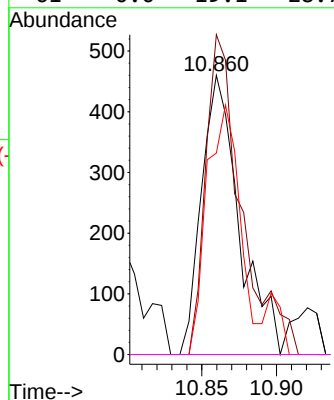
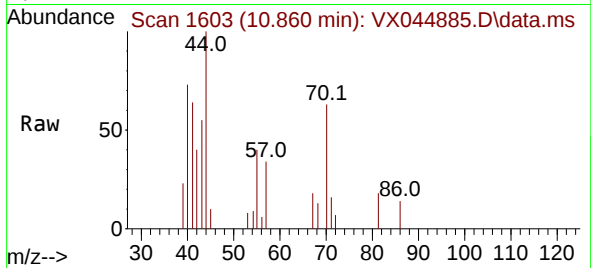




#74
N-amy1 acetate
Concen: 0.288 ug/l
RT: 10.860 min Scan# 1603
Delta R.T. 0.019 min
Lab File: VX044885.D
Acq: 10 Feb 2025 17:14

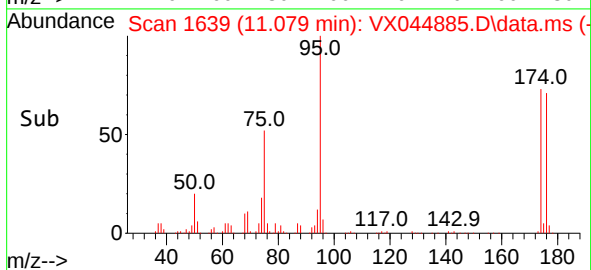
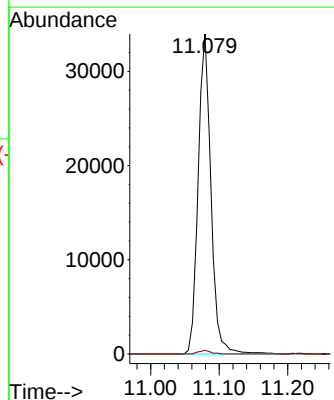
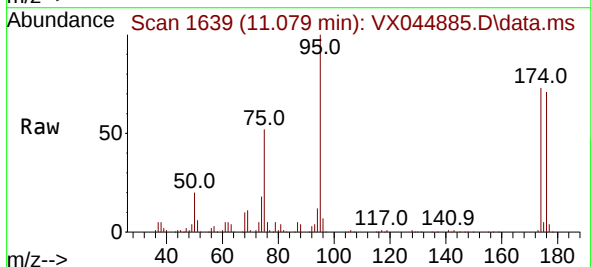
Instrument :
MSVOA_X
ClientSampleId :

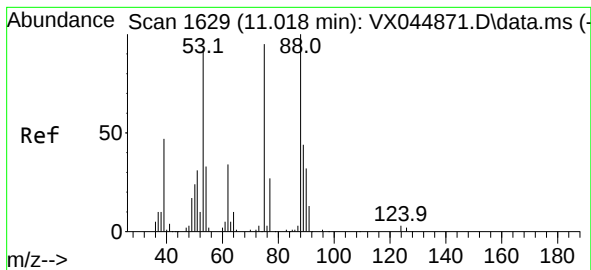
Tgt Ion: 43 Resp: 810
Ion Ratio Lower Upper
43 100
70 108.1 33.7 50.5#
55 79.1 18.6 27.8#
61 0.0 19.1 28.7#



#76
1,2,3-Trichloropropane
Concen: 25.761 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX044885.D
Acq: 10 Feb 2025 17:14

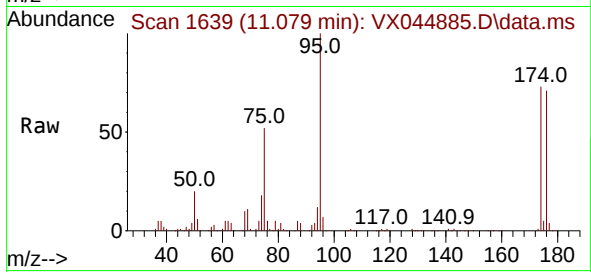
Tgt Ion: 75 Resp: 44160
Ion Ratio Lower Upper
75 100
77 1.0 21.9 65.7#





#81
trans-1,4-Dichloro-2-butene
Concen: 66.267 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX044885.D
Acq: 10 Feb 2025 17:14

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 75 Resp: 44160
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 36.6 54.8#

