

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021225\
 Data File : VX044928.D
 Acq On : 12 Feb 2025 13:17
 Operator : JC/MD
 Sample : Q1347-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 13 00:50:24 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)

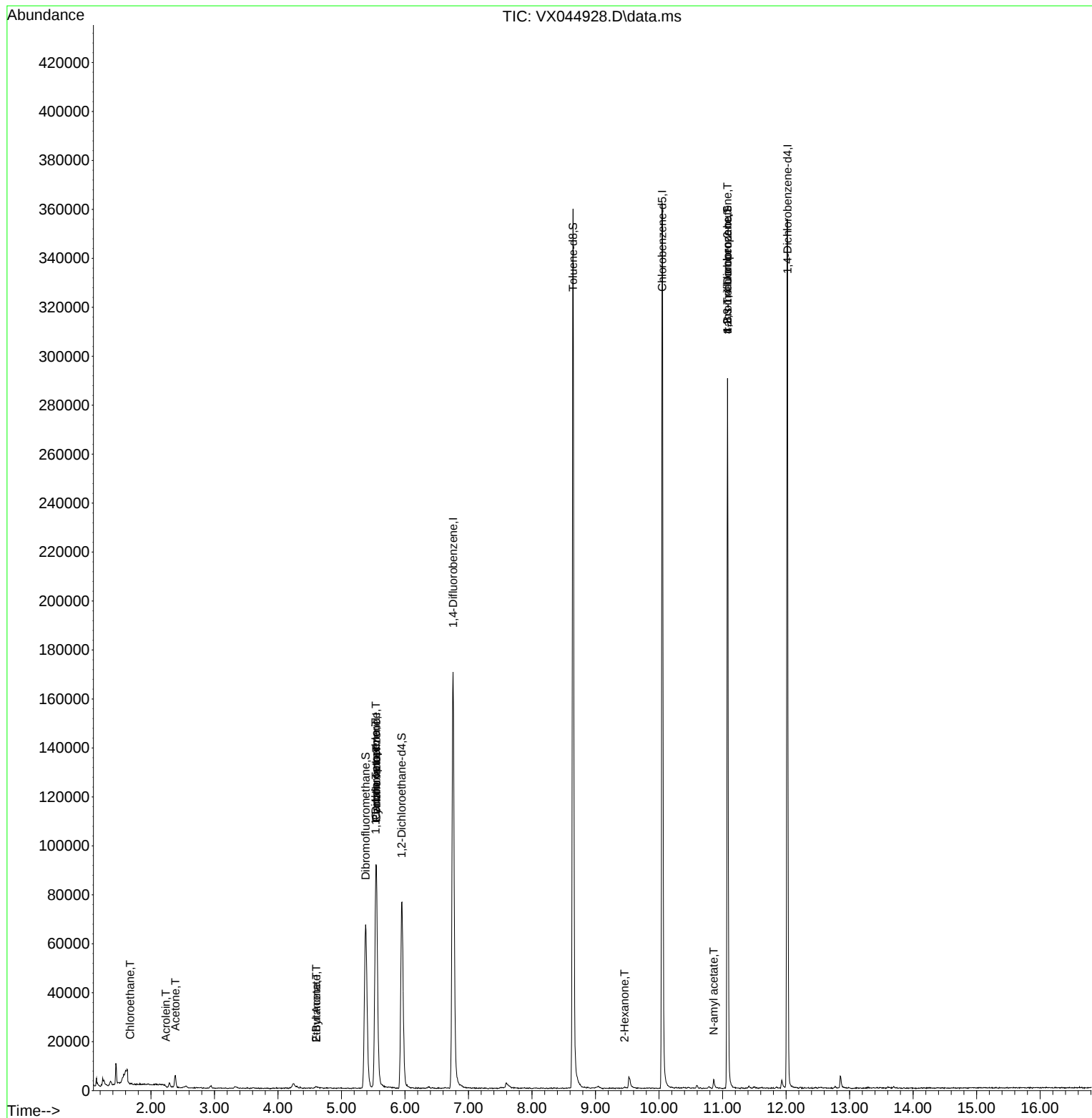
Internal Standards						
1) Pentafluorobenzene	5.549	168	87862	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.756	114	179992	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	164982	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	70282	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	71223	55.377	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 110.760%	
35) Dibromofluoromethane	5.379	113	60220	51.459	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.920%	
50) Toluene-d8	8.646	98	221052	49.953	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.900%	
62) 4-Bromofluorobenzene	11.079	95	77408	51.888	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 103.780%	
Target Compounds						
					Qvalue	
6) Chloroethane	1.672	64	88	1.466	ug/l #	42
13) Acrolein	2.233	56	142	0.577	ug/l	91
16) Acetone	2.385	43	5620	10.870	ug/l #	85
25) 2-Butanone	4.604	43	1848	2.201	ug/l	96
31) Cyclohexane	5.549	56	2427	1.215	ug/l #	9
36) 1,1-Dichloropropene	5.537	75	7955	4.712	ug/l #	50
37) Ethyl Acetate	4.604	43	1848	0.984	ug/l #	69
38) Carbon Tetrachloride	5.543	117	9147	5.529	ug/l #	18
59) 2-Hexanone	9.457	43	596	0.449	ug/l #	54
74) N-amyl acetate	10.859	43	795	0.310	ug/l #	32
76) 1,2,3-Trichloropropane	11.079	75	40506	25.994	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	40506	66.868	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
Quant Title : SW846 8260
QLast Update : Tue Feb 11 03:41:08 2025
Response via : Initial Calibration

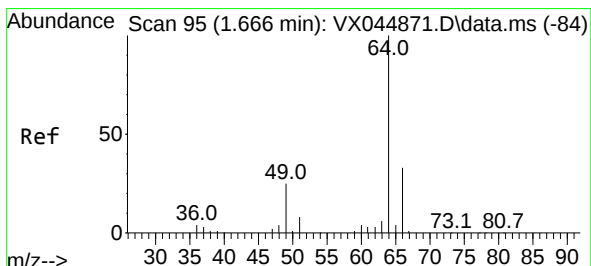
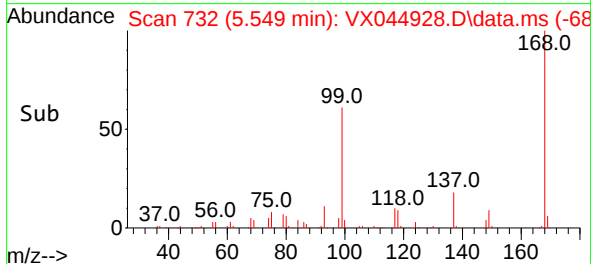
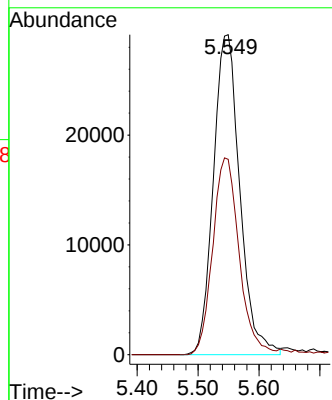
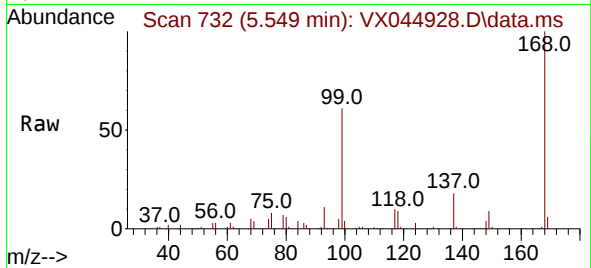




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX044928.D
Acq: 12 Feb 2025 13:17

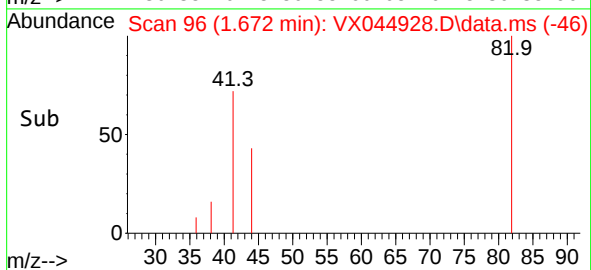
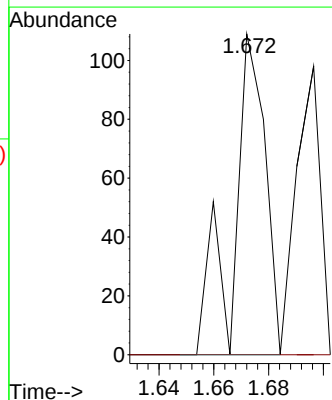
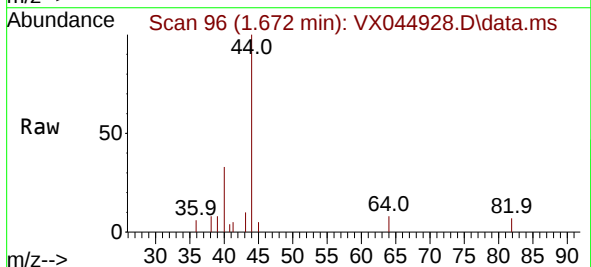
Instrument :
MSVOA_X
ClientSampleId :

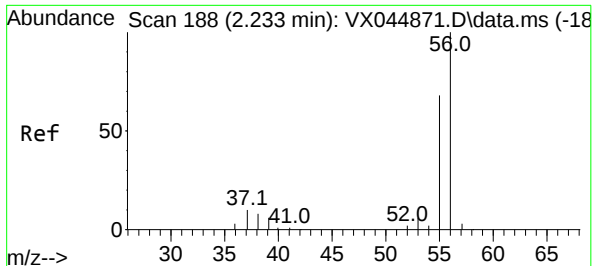
Tgt Ion:168 Resp: 87862
Ion Ratio Lower Upper
168 100
99 61.0 51.2 76.8



#6
Chloroethane
Concen: 1.466 ug/l
RT: 1.672 min Scan# 96
Delta R.T. 0.006 min
Lab File: VX044928.D
Acq: 12 Feb 2025 13:17

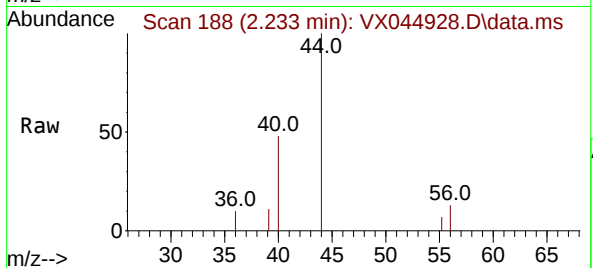
Tgt Ion: 64 Resp: 88
Ion Ratio Lower Upper
64 100
66 0.0 25.9 38.9#



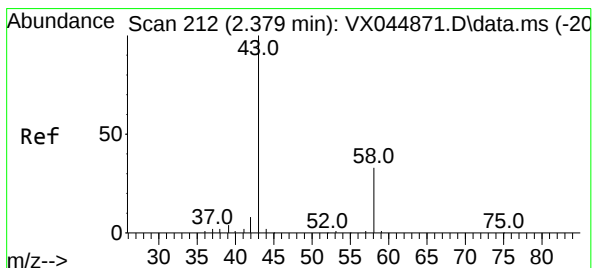
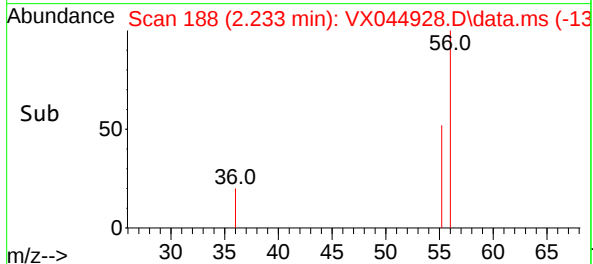
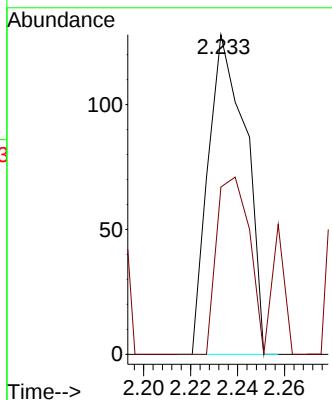


#13
Acrolein
Concen: 0.577 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX044928.D
Acq: 12 Feb 2025 13:17

Instrument :
MSVOA_X
ClientSampleId :

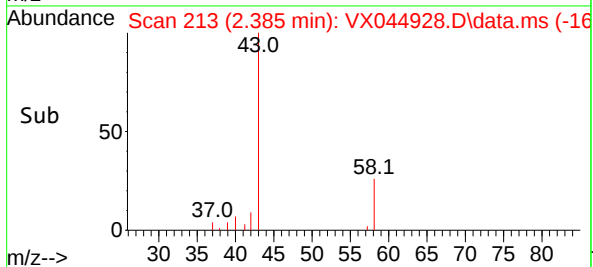
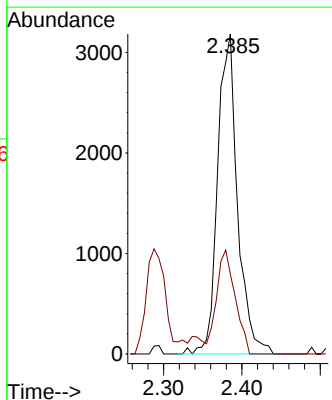
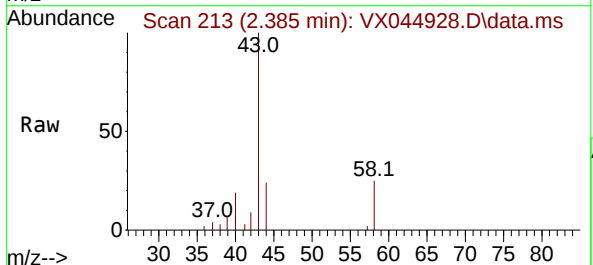


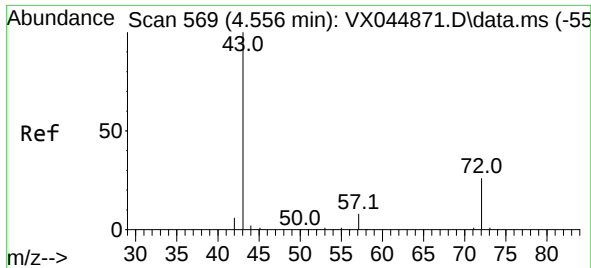
Tgt Ion: 56 Resp: 142
Ion Ratio Lower Upper
56 100
55 62.0 55.7 83.5



#16
Acetone
Concen: 10.870 ug/l
RT: 2.385 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX044928.D
Acq: 12 Feb 2025 13:17

Tgt Ion: 43 Resp: 5620
Ion Ratio Lower Upper
43 100
58 24.9 26.5 39.7#

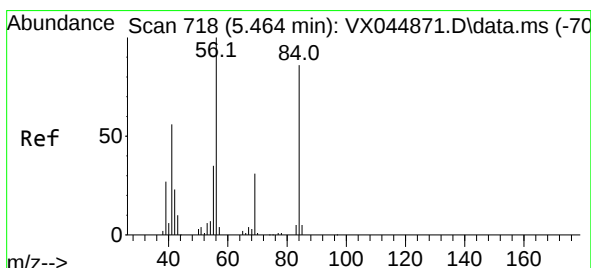
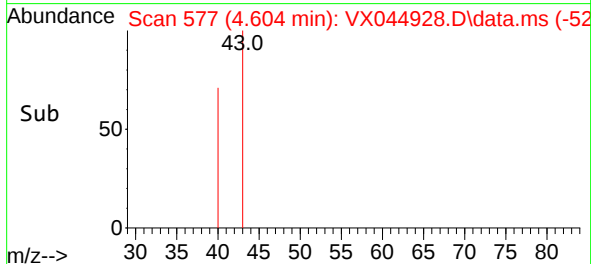
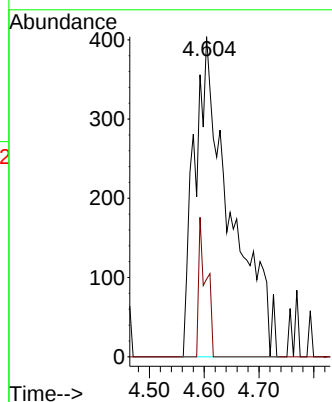
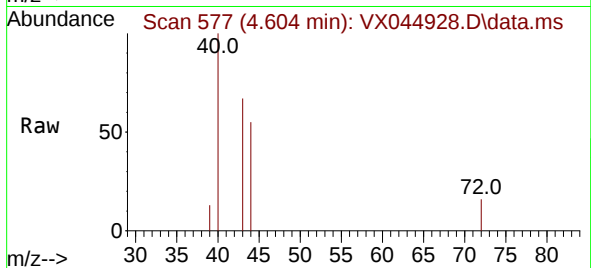




#25
2-Butanone
Concen: 2.201 ug/l
RT: 4.604 min Scan# 51
Delta R.T. 0.049 min
Lab File: VX044928.D
Acq: 12 Feb 2025 13:17

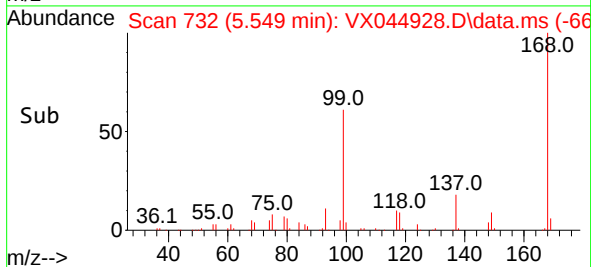
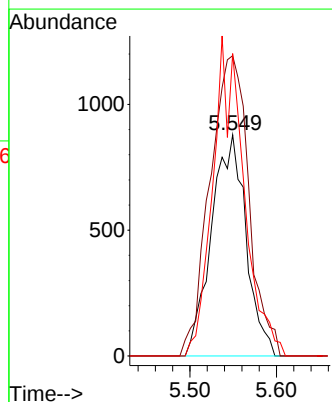
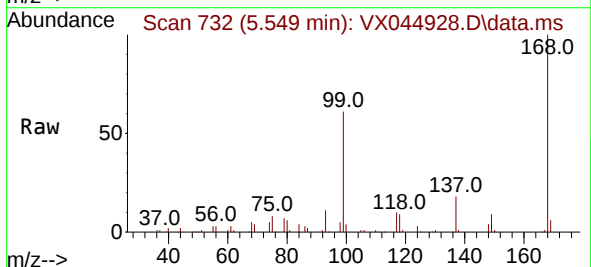
Instrument :
MSVOA_X
ClientSampleId :

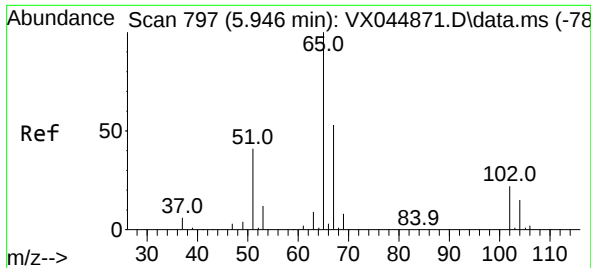
Tgt Ion: 43 Resp: 1848
Ion Ratio Lower Upper
43 100
72 24.3 21.2 31.8



#31
Cyclohexane
Concen: 1.215 ug/l
RT: 5.549 min Scan# 732
Delta R.T. 0.085 min
Lab File: VX044928.D
Acq: 12 Feb 2025 13:17

Tgt Ion: 56 Resp: 2427
Ion Ratio Lower Upper
56 100
69 135.8 24.4 36.6#
84 136.7 69.0 103.6#

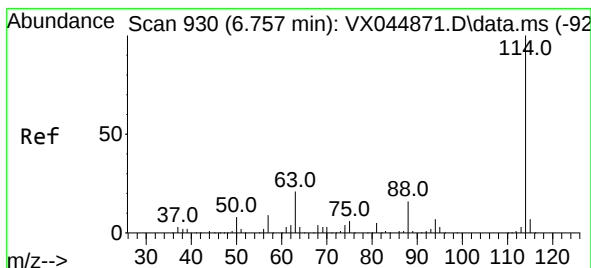
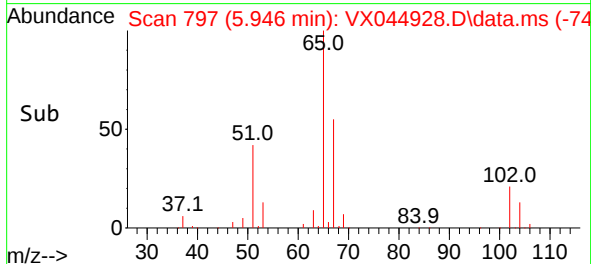
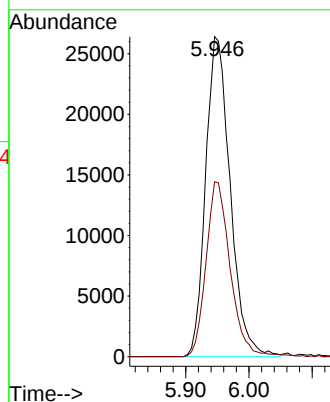
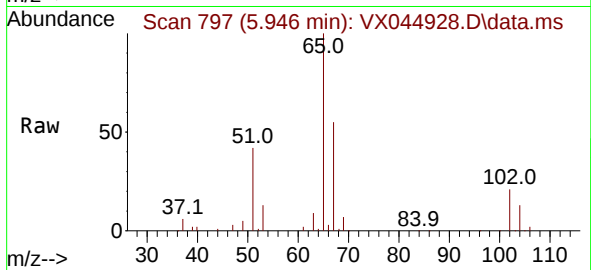




#33
1,2-Dichloroethane-d4
Concen: 55.377 ug/l
RT: 5.946 min Scan# 797
Delta R.T. -0.000 min
Lab File: VX044928.D
Acq: 12 Feb 2025 13:17

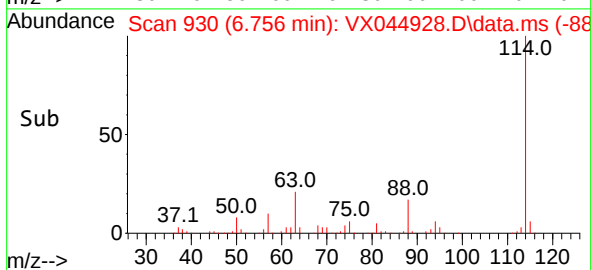
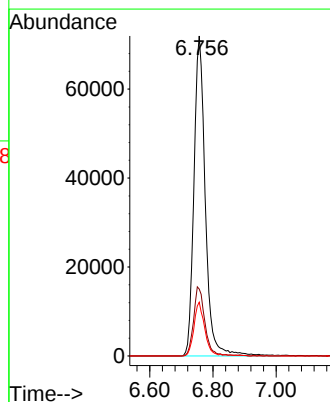
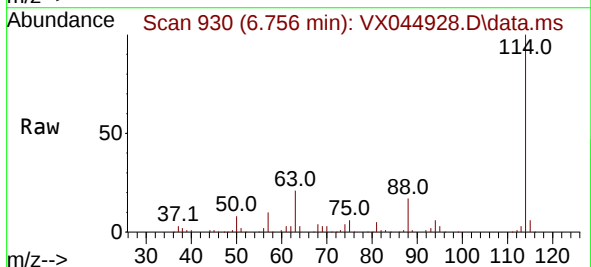
Instrument :
MSVOA_X
ClientSampleId :

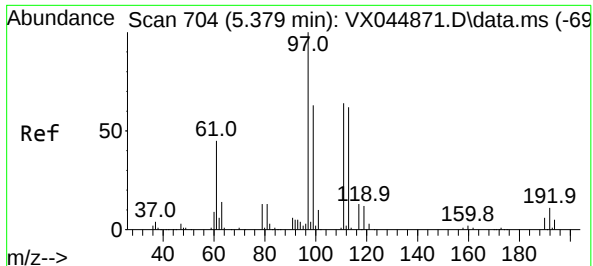
Tgt Ion: 65 Resp: 71223
Ion Ratio Lower Upper
65 100
67 53.9 0.0 108.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.756 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX044928.D
Acq: 12 Feb 2025 13:17

Tgt Ion: 114 Resp: 179992
Ion Ratio Lower Upper
114 100
63 20.9 0.0 42.4
88 16.8 0.0 31.4





#35

Dibromofluoromethane

Concen: 51.459 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.000 min

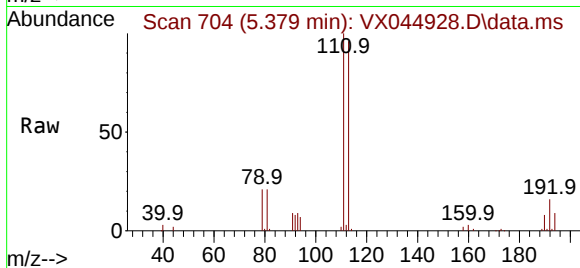
Lab File: VX044928.D

Acq: 12 Feb 2025 13:17

Instrument :

MSVOA_X

ClientSampleId :



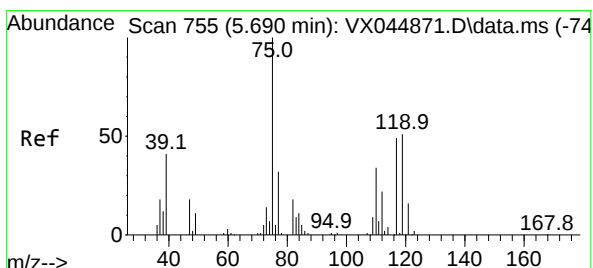
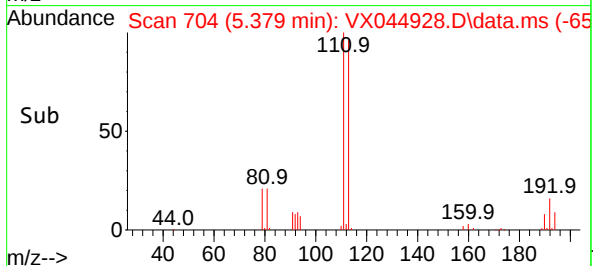
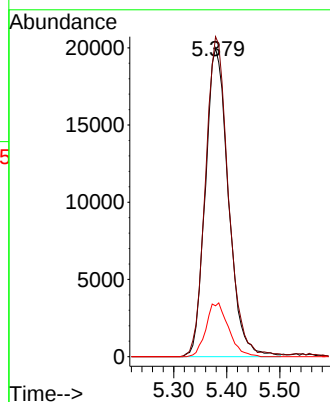
Tgt Ion:113 Resp: 60220

Ion Ratio Lower Upper

113 100

111 103.7 83.5 125.3

192 17.1 14.4 21.6



#36

1,1-Dichloropropene

Concen: 4.712 ug/l

RT: 5.537 min Scan# 730

Delta R.T. -0.152 min

Lab File: VX044928.D

Acq: 12 Feb 2025 13:17

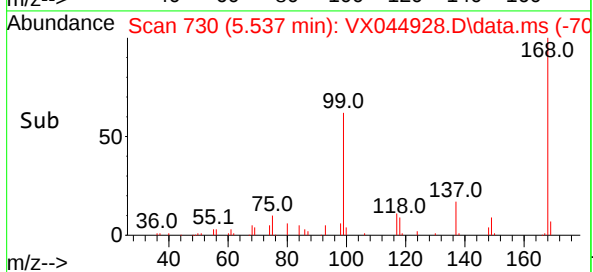
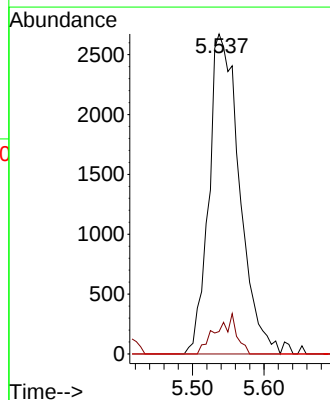
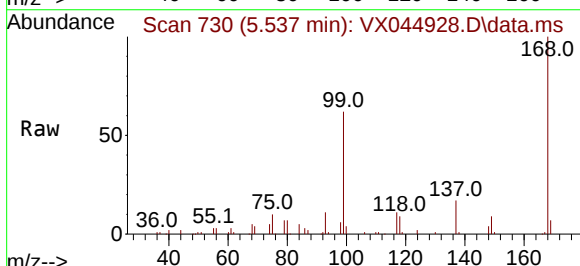
Tgt Ion: 75 Resp: 7955

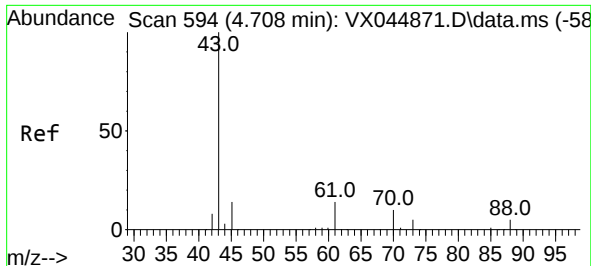
Ion Ratio Lower Upper

75 100

110 8.3 17.2 51.6#

77 0.0 24.6 37.0#





#37

Ethyl Acetate

Concen: 0.984 ug/l

RT: 4.604 min Scan# 51

Delta R.T. -0.104 min

Lab File: VX044928.D

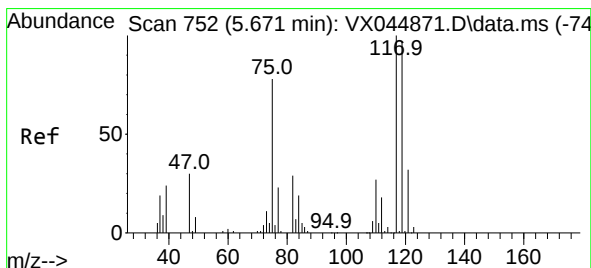
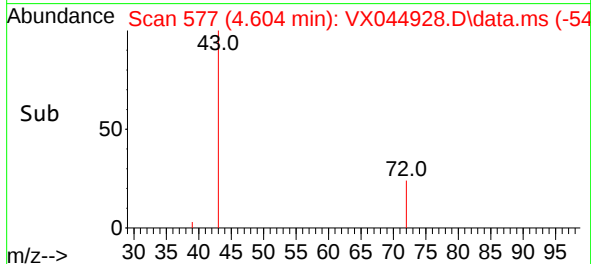
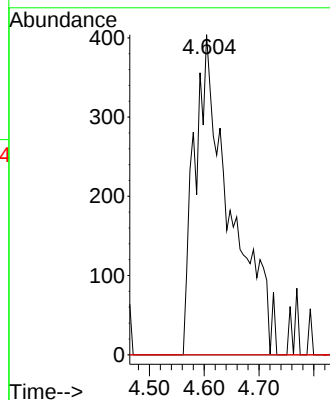
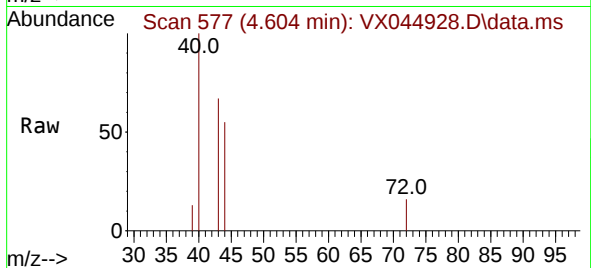
Acq: 12 Feb 2025 13:17

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:	43	Resp:	1848
Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.0	16.4#
70	0.0	8.2	12.2#



#38

Carbon Tetrachloride

Concen: 5.529 ug/l

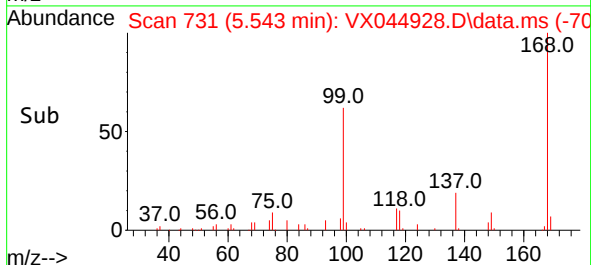
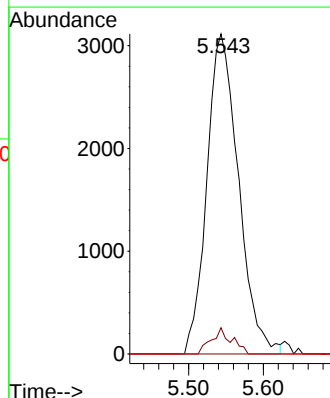
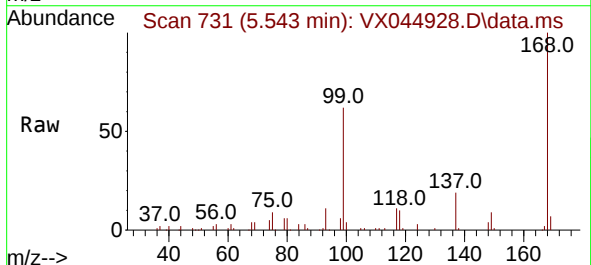
RT: 5.543 min Scan# 731

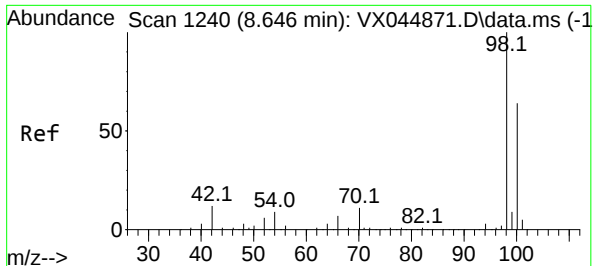
Delta R.T. -0.128 min

Lab File: VX044928.D

Acq: 12 Feb 2025 13:17

Tgt Ion:	117	Resp:	9147
Ion	Ratio	Lower	Upper
117	100		
119	8.2	77.5	116.3#
121	0.0	25.6	38.4#

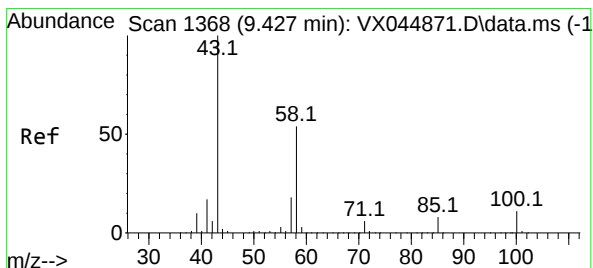
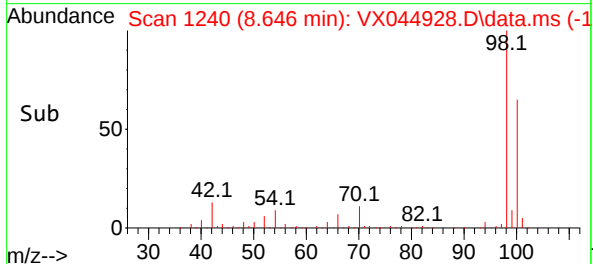
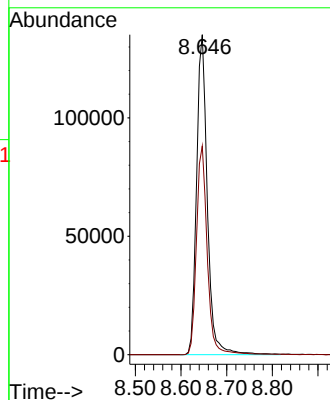
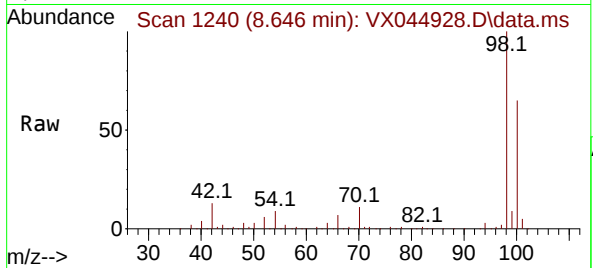




#50
Toluene-d8
Concen: 49.953 ug/l
RT: 8.646 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX044928.D
Acq: 12 Feb 2025 13:17

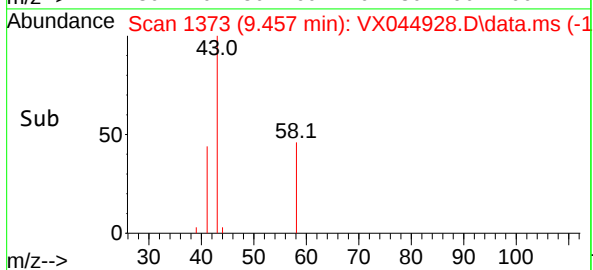
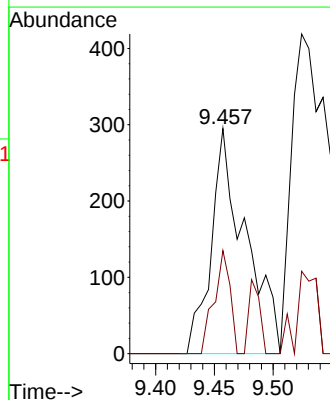
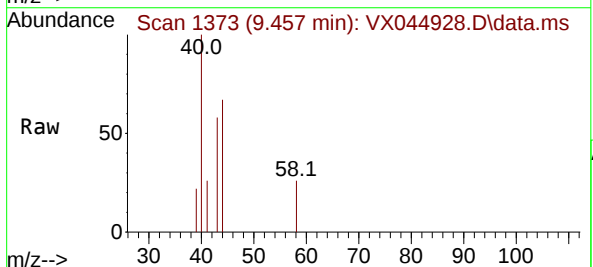
Instrument :
MSVOA_X
ClientSampleId :

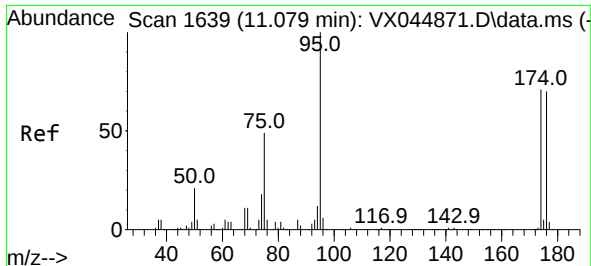
Tgt Ion: 98 Resp: 221052
Ion Ratio Lower Upper
98 100
100 65.4 52.7 79.1



#59
2-Hexanone
Concen: 0.449 ug/l
RT: 9.457 min Scan# 1373
Delta R.T. 0.030 min
Lab File: VX044928.D
Acq: 12 Feb 2025 13:17

Tgt Ion: 43 Resp: 596
Ion Ratio Lower Upper
43 100
58 21.5 27.5 82.4#

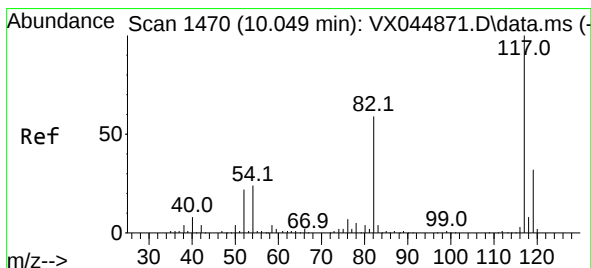
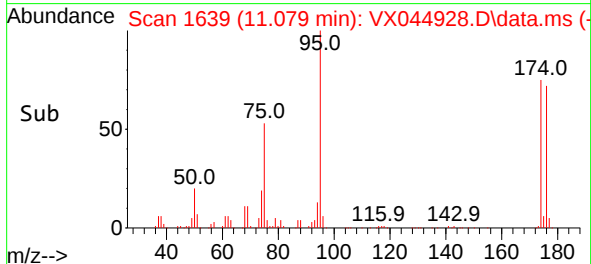
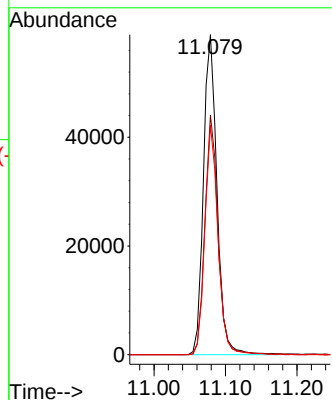
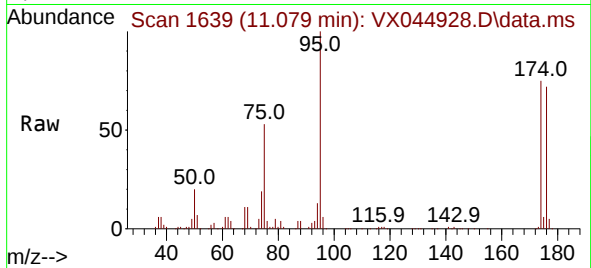




#62
4-Bromofluorobenzene
Concen: 51.888 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX044928.D
Acq: 12 Feb 2025 13:17

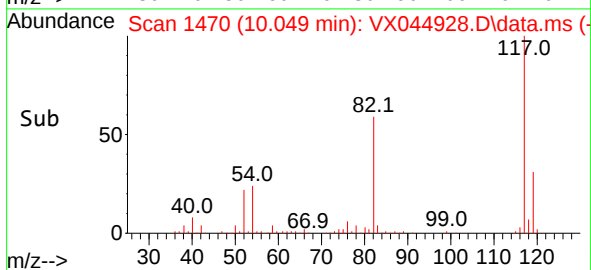
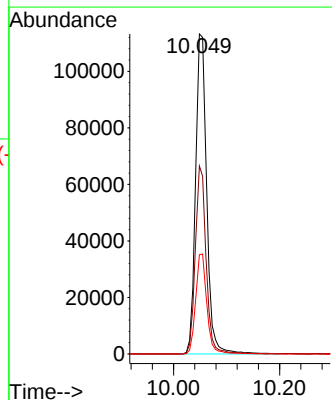
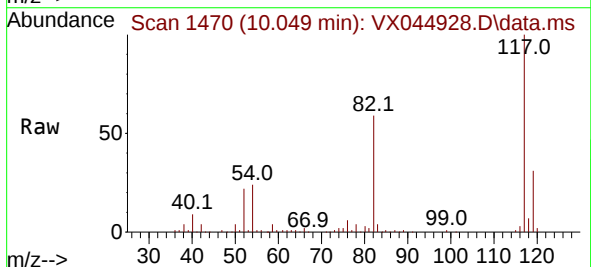
Instrument :
MSVOA_X
ClientSampleId :

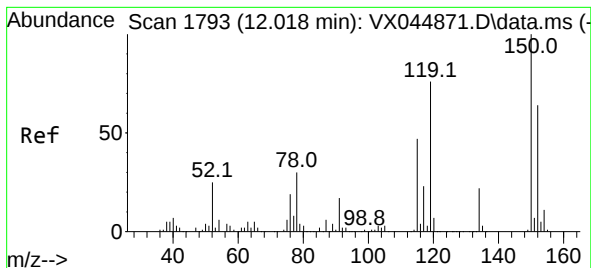
Tgt Ion: 95 Resp: 77408
Ion Ratio Lower Upper
95 100
174 73.0 0.0 142.6
176 69.7 0.0 141.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX044928.D
Acq: 12 Feb 2025 13:17

Tgt Ion: 117 Resp: 164982
Ion Ratio Lower Upper
117 100
82 58.7 47.5 71.3
119 31.0 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX044928.D

Acq: 12 Feb 2025 13:17

Instrument :

MSVOA_X

ClientSampleId :

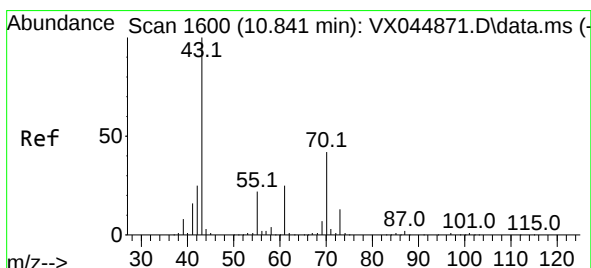
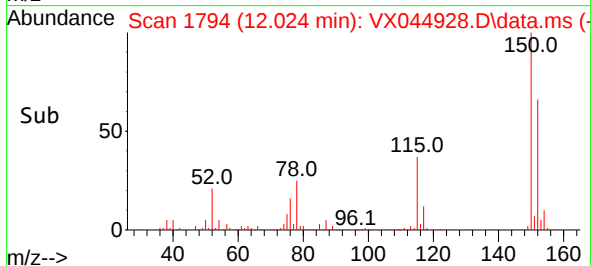
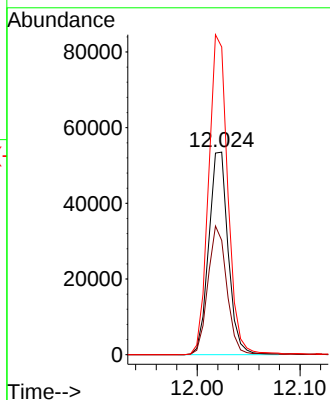
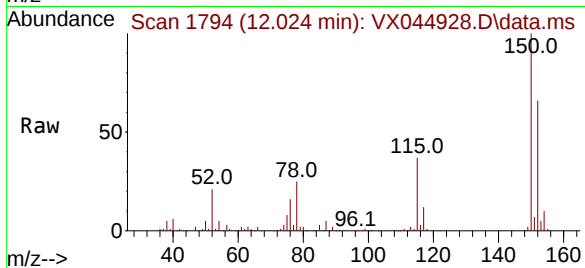
Tgt Ion:152 Resp: 70282

Ion Ratio Lower Upper

152 100

115 62.1 43.4 130.1

150 157.0 0.0 350.4



#74

N-ethyl acetate

Concen: 0.310 ug/l

RT: 10.859 min Scan# 1603

Delta R.T. 0.018 min

Lab File: VX044928.D

Acq: 12 Feb 2025 13:17

Tgt Ion: 43 Resp: 795

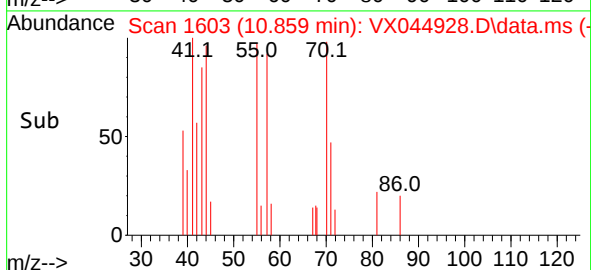
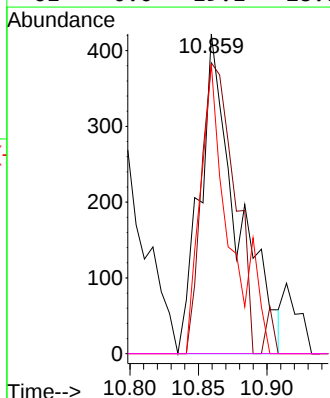
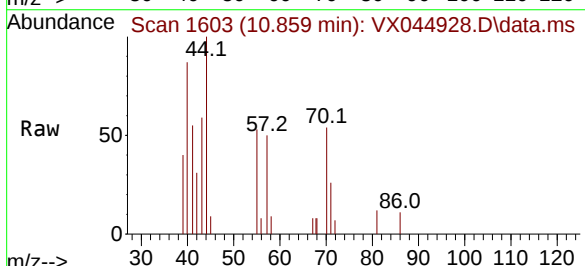
Ion Ratio Lower Upper

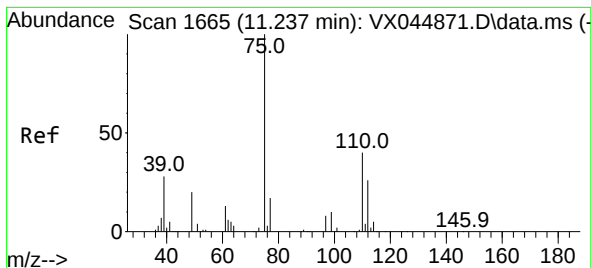
43 100

70 81.3 33.7 50.5#

55 71.4 18.6 27.8#

61 0.0 19.1 28.7#





#76

1,2,3-Trichloropropane

Concen: 25.994 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX044928.D

Acq: 12 Feb 2025 13:17

Instrument :

MSVOA_X

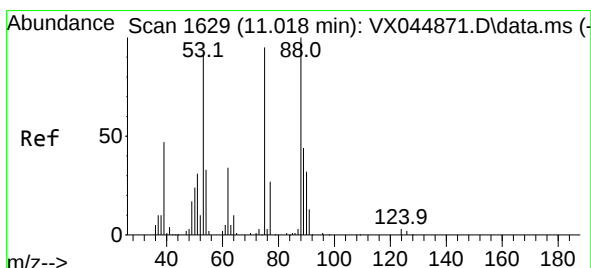
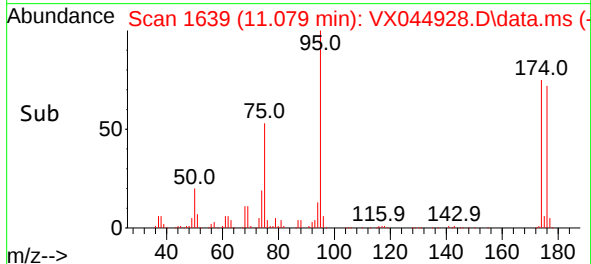
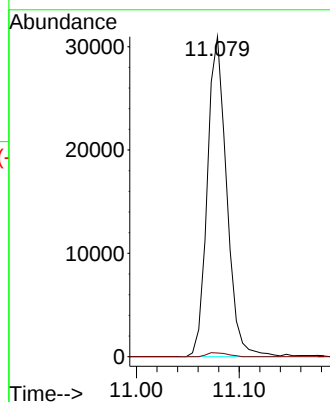
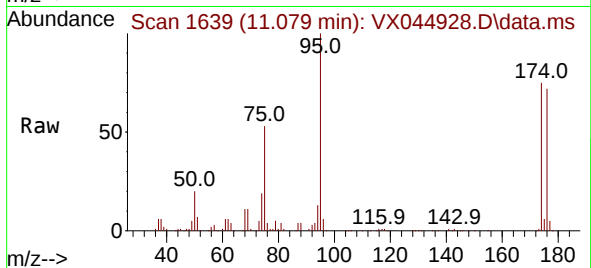
ClientSampleId :

Tgt Ion: 75 Resp: 40506

Ion Ratio Lower Upper

75 100

77 1.3 21.9 65.7#



#81

trans-1,4-Dichloro-2-butene

Concen: 66.868 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX044928.D

Acq: 12 Feb 2025 13:17

Tgt Ion: 75 Resp: 40506

Ion Ratio Lower Upper

75 100

53 0.0 78.0 117.0#

89 0.0 36.6 54.8#

