

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021125\
 Data File : VX044901.D
 Acq On : 11 Feb 2025 13:20
 Operator : JC/MD
 Sample : Q1283-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 12 02:41:30 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	94281	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	193913	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	175364	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	76629	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	73809	53.481	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	106.960%
35) Dibromofluoromethane	5.379	113	62271	49.392	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.780%
50) Toluene-d8	8.647	98	239618	50.261	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.520%
62) 4-Bromofluorobenzene	11.079	95	83811	52.147	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	104.300%

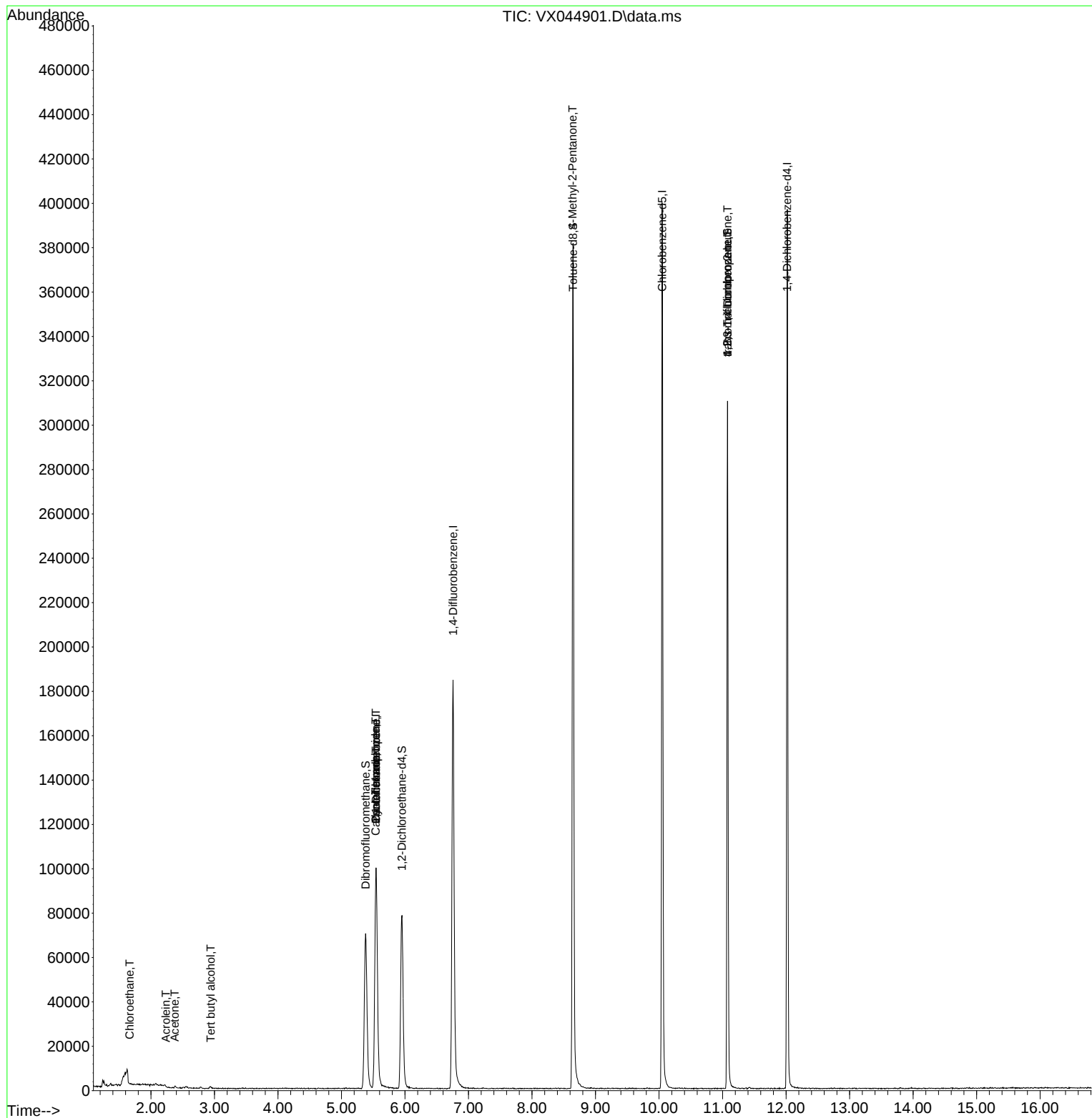
Target Compounds					Qvalue	
6) Chloroethane	1.666	64	53	1.412	ug/l #	42
11) Tert butyl alcohol	2.941	59	149	0.582	ug/l #	73
13) Acrolein	2.233	56	68	0.257	ug/l	90
16) Acetone	2.374	43	895	1.613	ug/l #	80
31) Cyclohexane	5.544	56	2217	1.034	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	8268	4.546	ug/l #	50
38) Carbon Tetrachloride	5.538	117	9960	5.588	ug/l #	14
51) 4-Methyl-2-Pentanone	8.641	43	1245	0.627	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	43436	25.566	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	43436	65.765	ug/l #	11

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

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Instrument :
MSVOA_X
ClientSampleId :

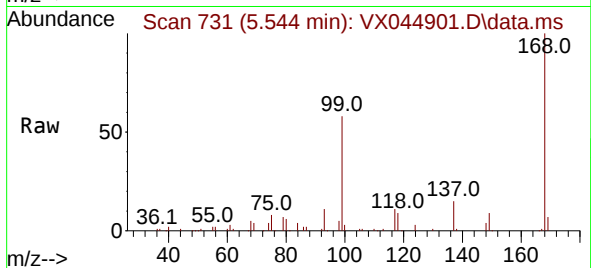
Quant Time: Feb 12 02:41:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 11 03:41:08 2025
Response via : Initial Calibration



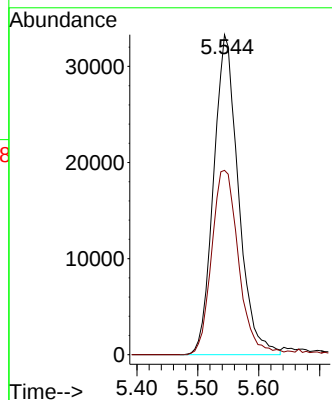
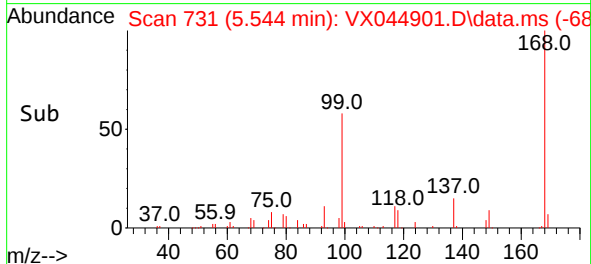


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX044901.D
Acq: 11 Feb 2025 13:20

Instrument :
MSVOA_X
ClientSampleId :

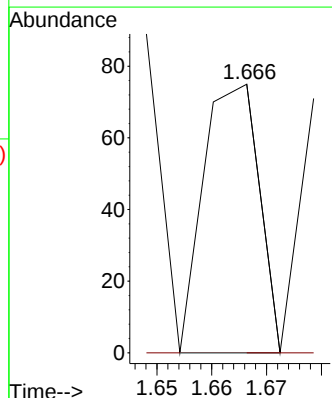
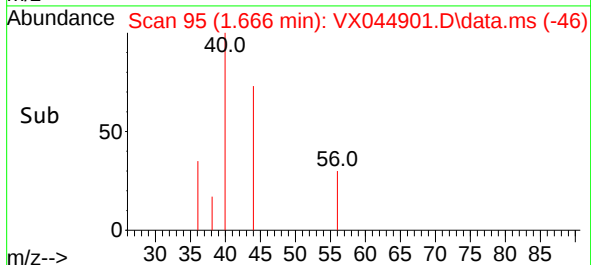
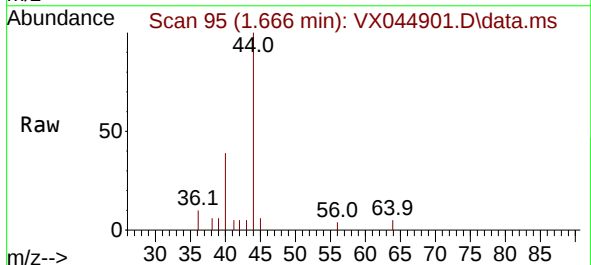


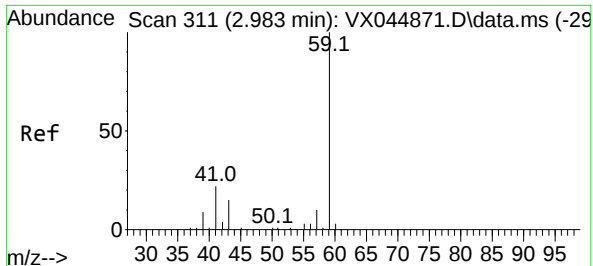
Tgt Ion:168 Resp: 94281
Ion Ratio Lower Upper
168 100
99 57.6 51.2 76.8



#6
Chloroethane
Concen: 1.412 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.000 min
Lab File: VX044901.D
Acq: 11 Feb 2025 13:20

Tgt Ion: 64 Resp: 53
Ion Ratio Lower Upper
64 100
66 0.0 25.9 38.9#





#11

Tert butyl alcohol

Concen: 0.582 ug/l

RT: 2.941 min Scan# 304

Delta R.T. -0.042 min

Lab File: VX044901.D

Acq: 11 Feb 2025 13:20

Instrument :

MSVOA_X

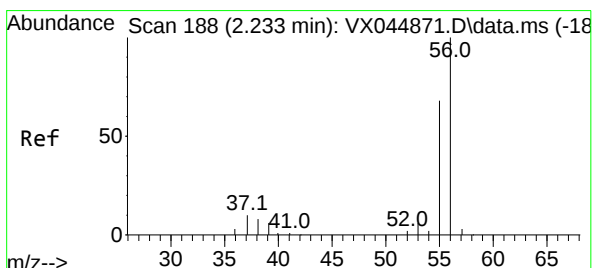
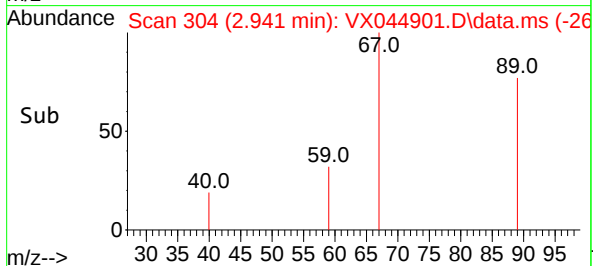
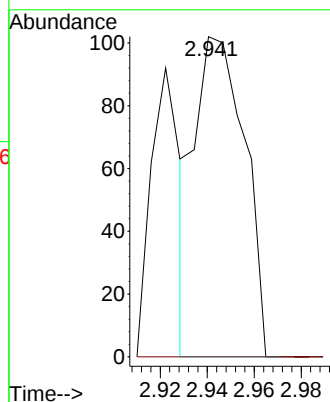
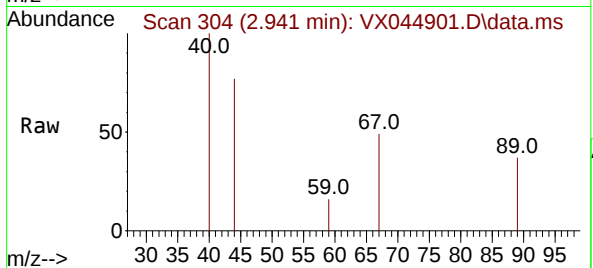
ClientSampleId :

Tgt Ion: 59 Resp: 149

Ion Ratio Lower Upper

59 100

57 0.0 8.1 12.1#



#13

Acrolein

Concen: 0.257 ug/l

RT: 2.233 min Scan# 188

Delta R.T. 0.000 min

Lab File: VX044901.D

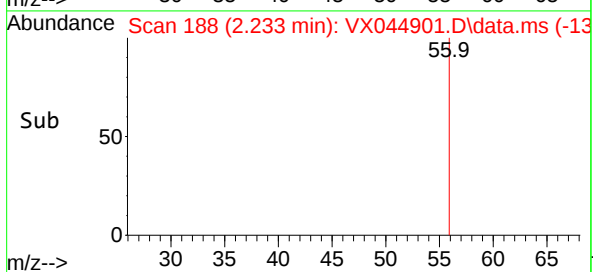
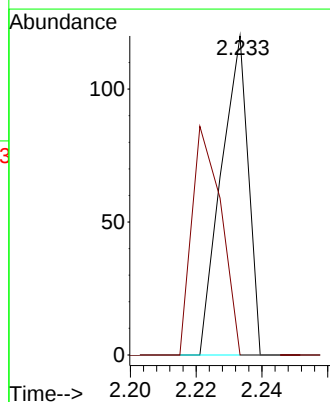
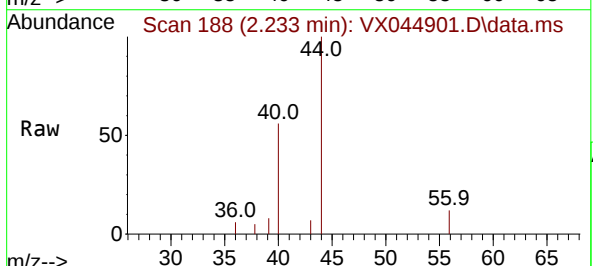
Acq: 11 Feb 2025 13:20

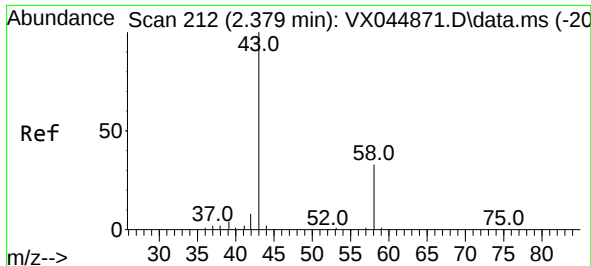
Tgt Ion: 56 Resp: 68

Ion Ratio Lower Upper

56 100

55 77.9 55.7 83.5

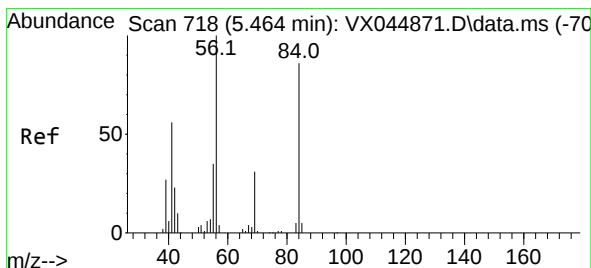
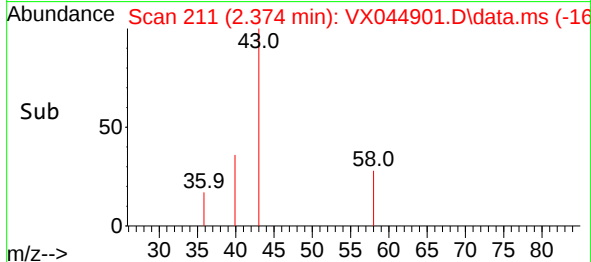
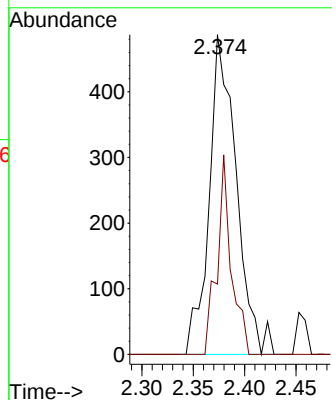
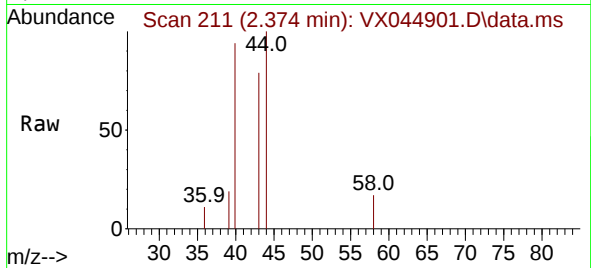




#16
Acetone
Concen: 1.613 ug/l
RT: 2.374 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX044901.D
Acq: 11 Feb 2025 13:20

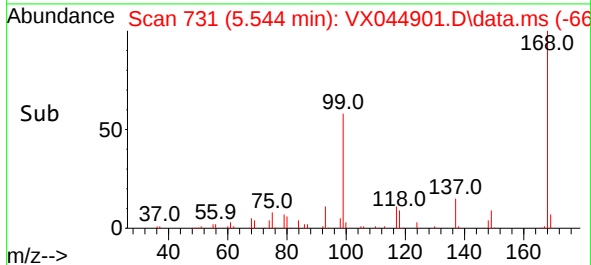
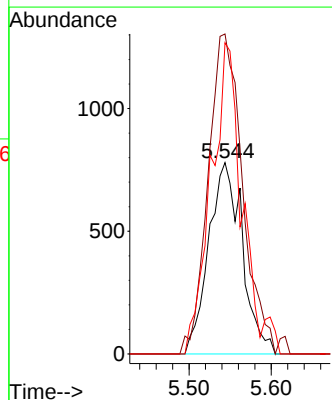
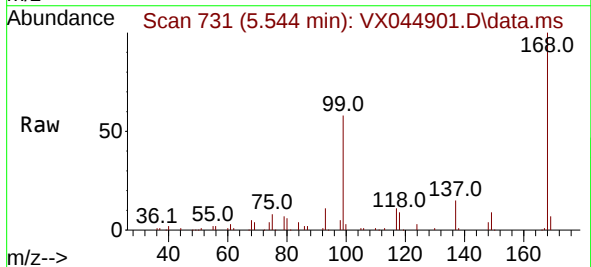
Instrument :
MSVOA_X
ClientSampleId :

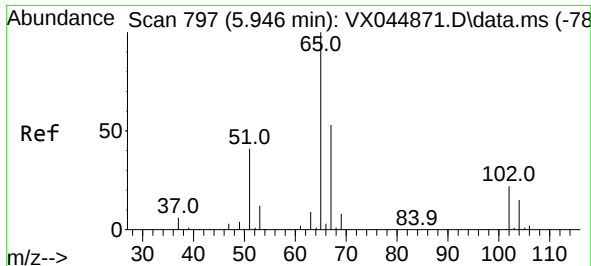
Tgt Ion: 43 Resp: 895
Ion Ratio Lower Upper
43 100
58 22.0 26.5 39.7#



#31
Cyclohexane
Concen: 1.034 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.080 min
Lab File: VX044901.D
Acq: 11 Feb 2025 13:20

Tgt Ion: 56 Resp: 2217
Ion Ratio Lower Upper
56 100
69 167.2 24.4 36.6#
84 162.6 69.0 103.6#





#33

1,2-Dichloroethane-d4

Concen: 53.481 ug/l

RT: 5.952 min Scan# 79

Delta R.T. 0.006 min

Lab File: VX044901.D

Acq: 11 Feb 2025 13:20

Instrument :

MSVOA_X

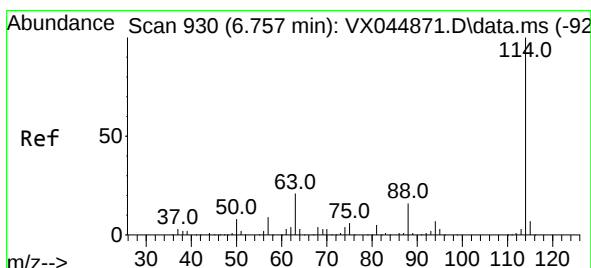
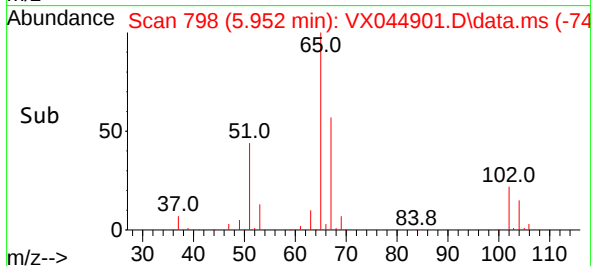
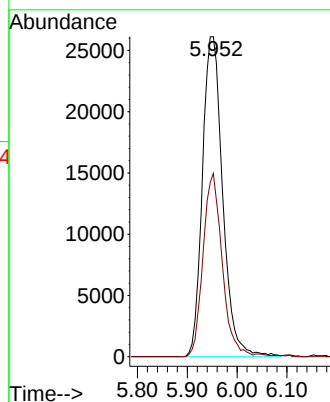
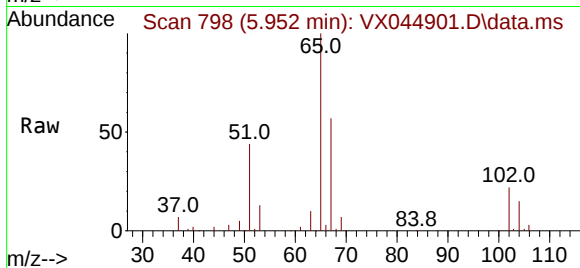
ClientSampleId :

Tgt Ion: 65 Resp: 73809

Ion Ratio Lower Upper

65 100

67 53.7 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: VX044901.D

Acq: 11 Feb 2025 13:20

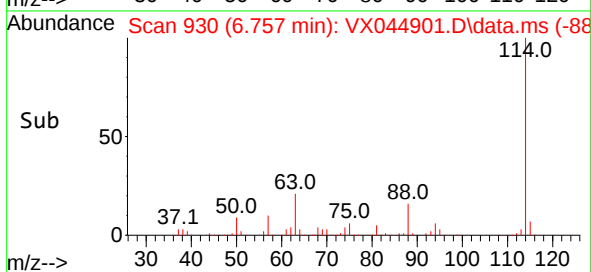
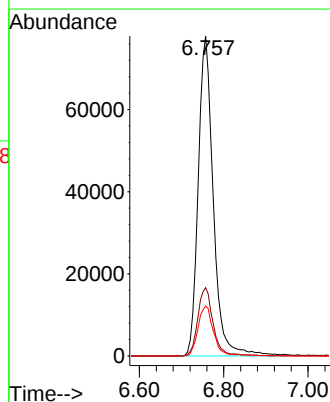
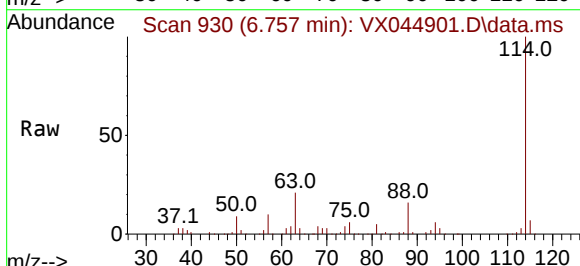
Tgt Ion: 114 Resp: 193913

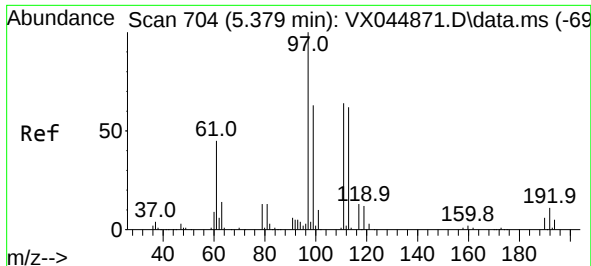
Ion Ratio Lower Upper

114 100

63 21.3 0.0 42.4

88 15.6 0.0 31.4





#35

Dibromofluoromethane

Concen: 49.392 ug/l

RT: 5.379 min Scan# 704

Delta R.T. 0.000 min

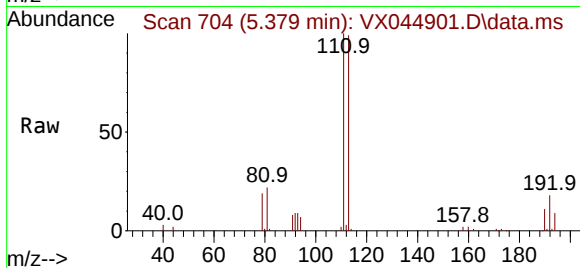
Lab File: VX044901.D

Acq: 11 Feb 2025 13:20

Instrument :

MSVOA_X

ClientSampleId :



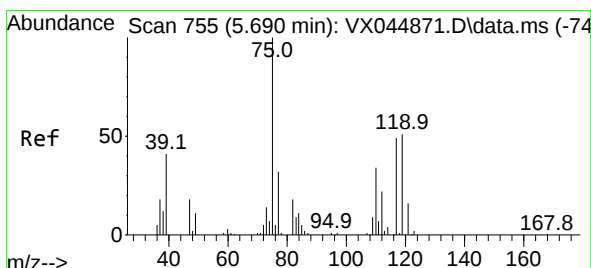
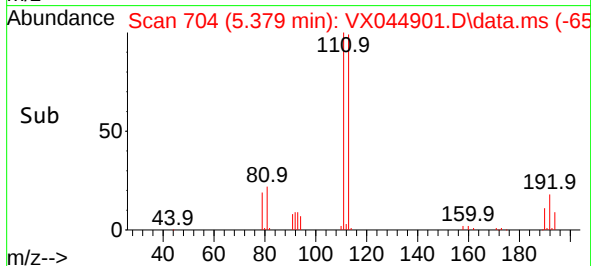
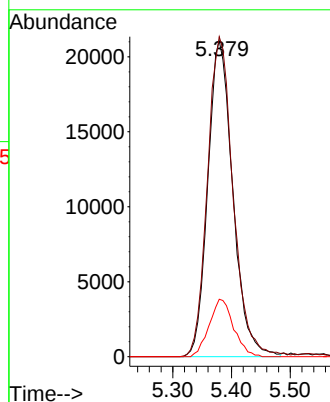
Tgt Ion:113 Resp: 62271

Ion Ratio Lower Upper

113 100

111 104.1 83.5 125.3

192 17.7 14.4 21.6



#36

1,1-Dichloropropene

Concen: 4.546 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.146 min

Lab File: VX044901.D

Acq: 11 Feb 2025 13:20

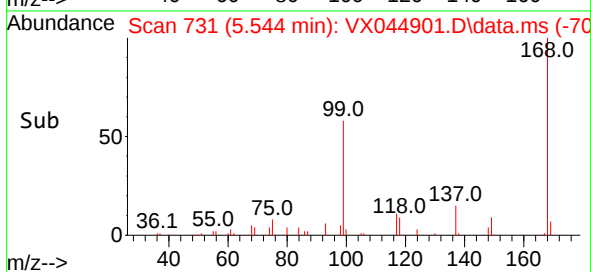
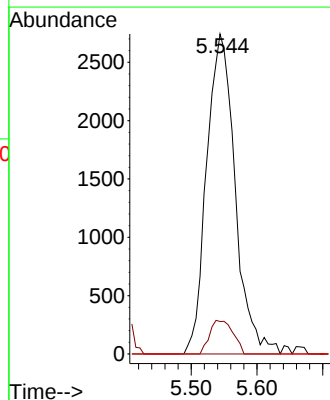
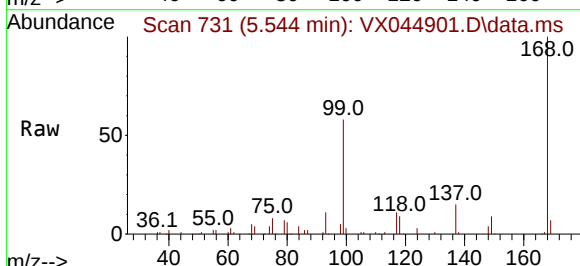
Tgt Ion: 75 Resp: 8268

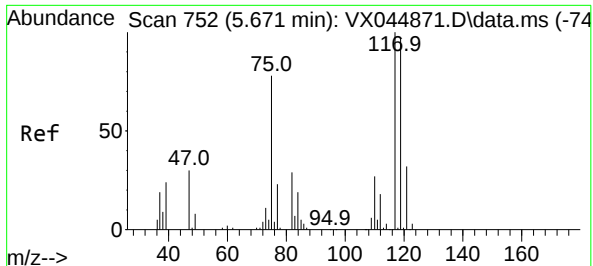
Ion Ratio Lower Upper

75 100

110 8.6 17.2 51.6#

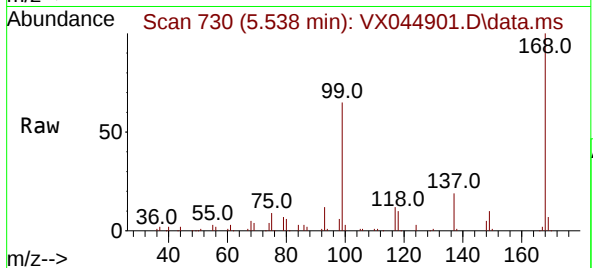
77 0.0 24.6 37.0#



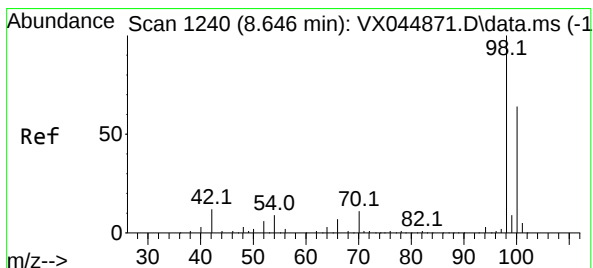
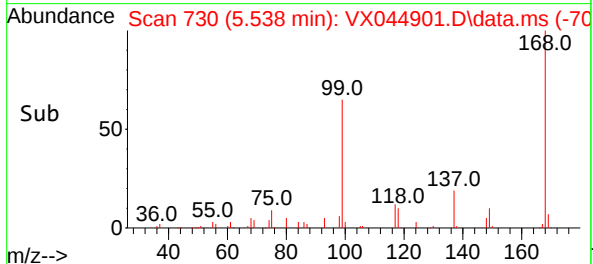
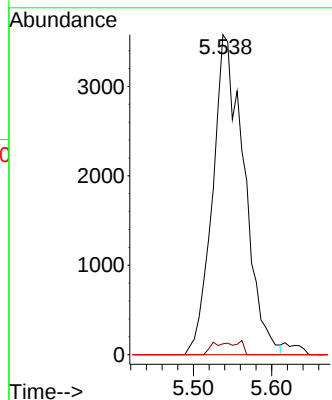


#38
Carbon Tetrachloride
Concen: 5.588 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX044901.D
Acq: 11 Feb 2025 13:20

Instrument :
MSVOA_X
ClientSampleId :

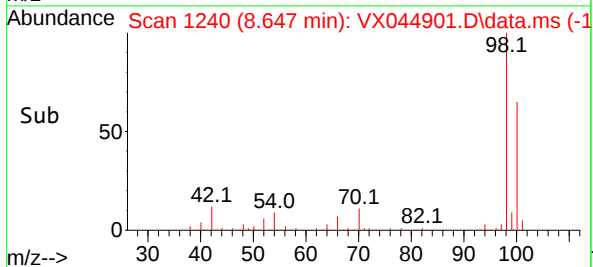
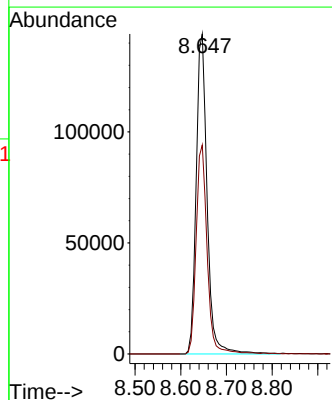
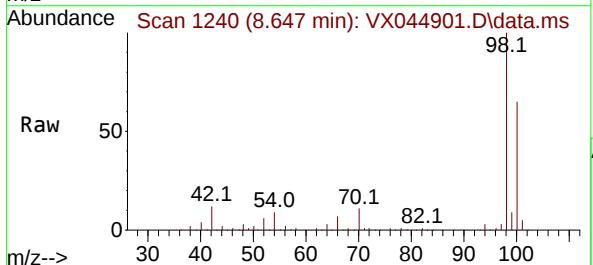


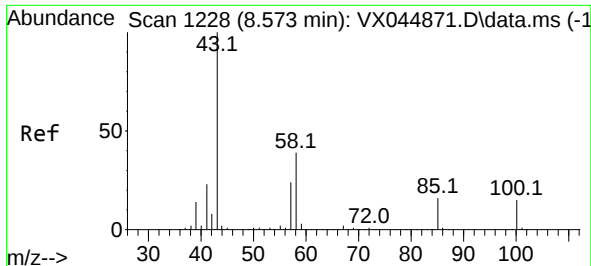
Tgt Ion:117 Resp: 9960
Ion Ratio Lower Upper
117 100
119 3.4 77.5 116.3#
121 0.0 25.6 38.4#



#50
Toluene-d8
Concen: 50.261 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX044901.D
Acq: 11 Feb 2025 13:20

Tgt Ion: 98 Resp: 239618
Ion Ratio Lower Upper
98 100
100 65.3 52.7 79.1





#51

4-Methyl-2-Pentanone

Concen: 0.627 ug/l

RT: 8.641 min Scan# 11

Delta R.T. 0.067 min

Lab File: VX044901.D

Acq: 11 Feb 2025 13:20

Instrument :

MSVOA_X

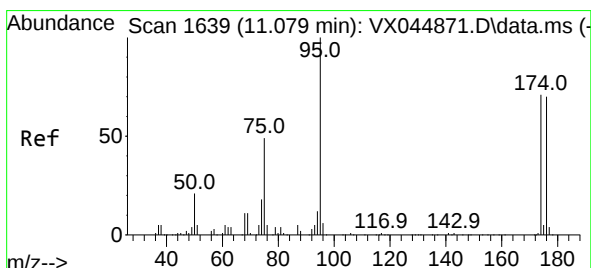
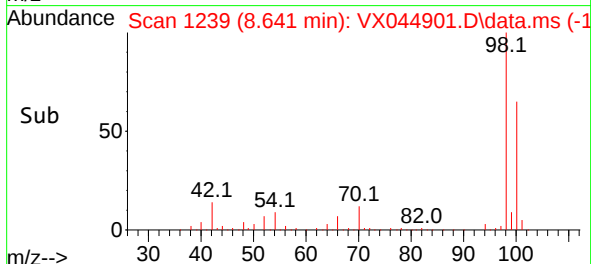
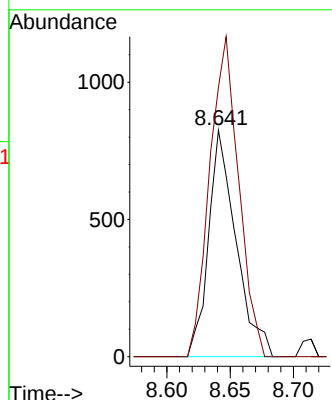
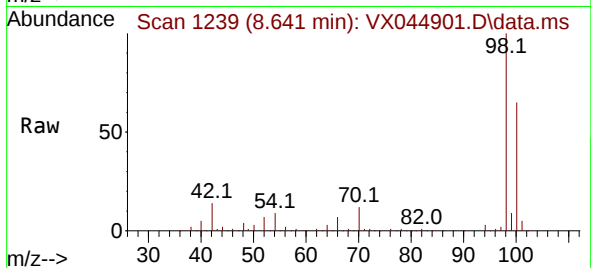
ClientSampleId :

Tgt Ion: 43 Resp: 1245

Ion Ratio Lower Upper

43 100

58 149.5 30.8 46.2#



#62

4-Bromofluorobenzene

Concen: 52.147 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX044901.D

Acq: 11 Feb 2025 13:20

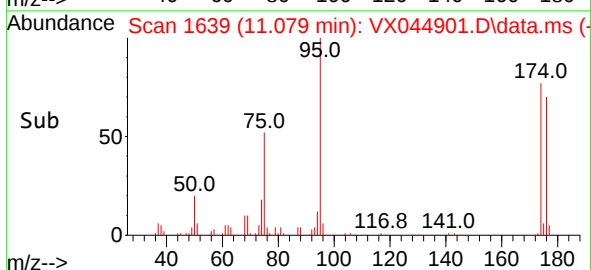
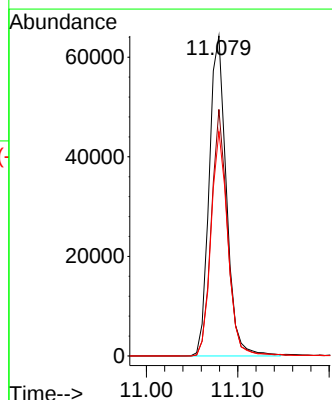
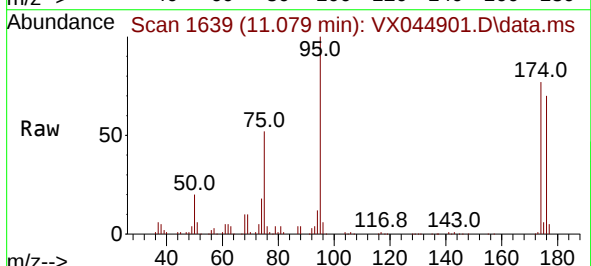
Tgt Ion: 95 Resp: 83811

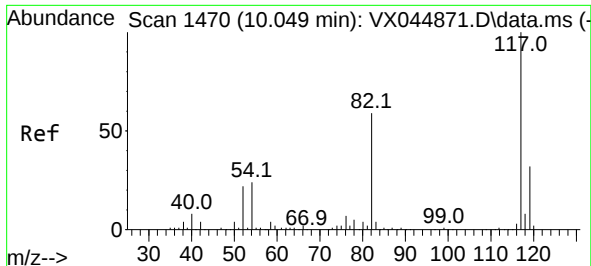
Ion Ratio Lower Upper

95 100

174 72.7 0.0 142.6

176 68.8 0.0 141.6

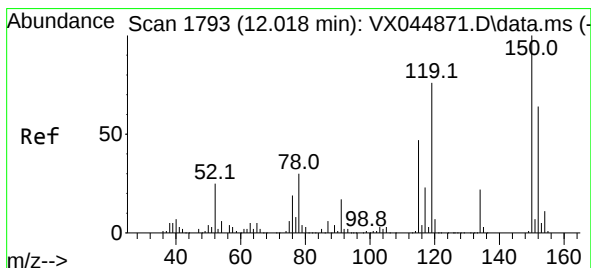
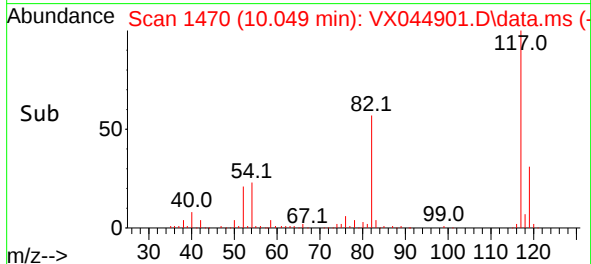
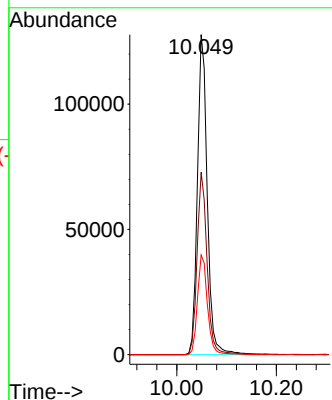
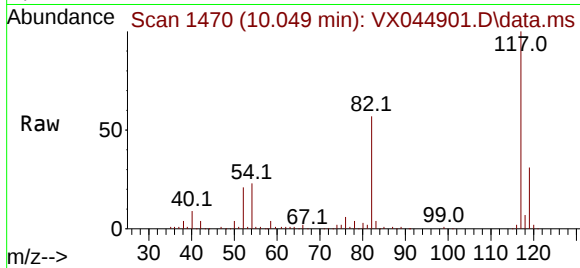




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX044901.D
Acq: 11 Feb 2025 13:20

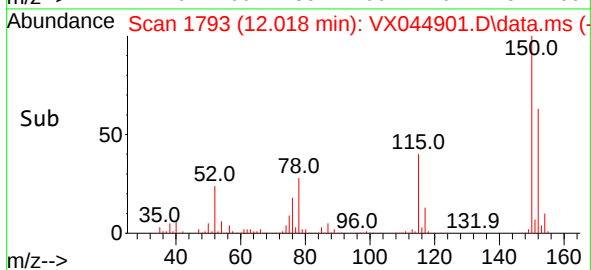
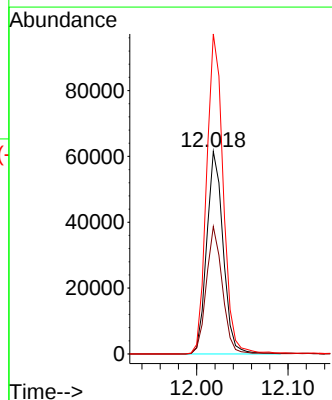
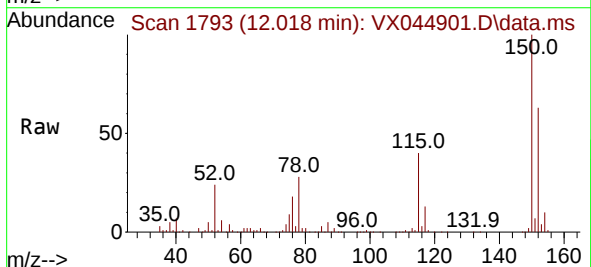
Instrument :
MSVOA_X
ClientSampleId :

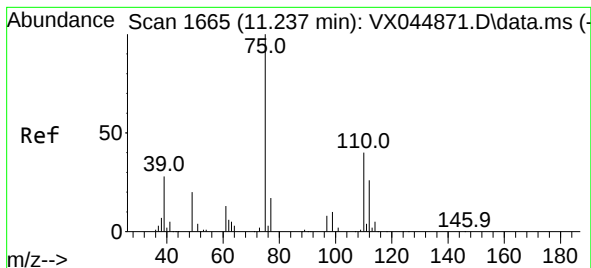
Tgt Ion:117 Resp: 175364
Ion Ratio Lower Upper
117 100
82 57.0 47.5 71.3
119 31.1 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX044901.D
Acq: 11 Feb 2025 13:20

Tgt Ion:152 Resp: 76629
Ion Ratio Lower Upper
152 100
115 61.7 43.4 130.1
150 159.8 0.0 350.4





#76

1,2,3-Trichloropropane

Concen: 25.566 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX044901.D

Acq: 11 Feb 2025 13:20

Instrument :

MSVOA_X

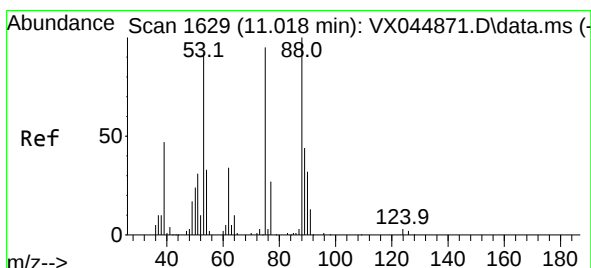
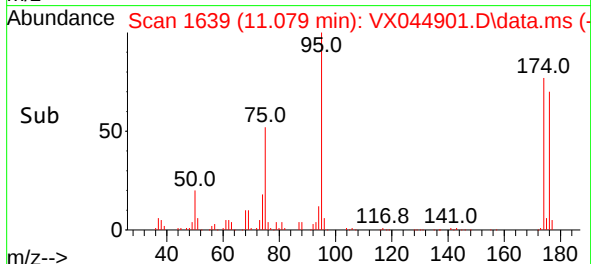
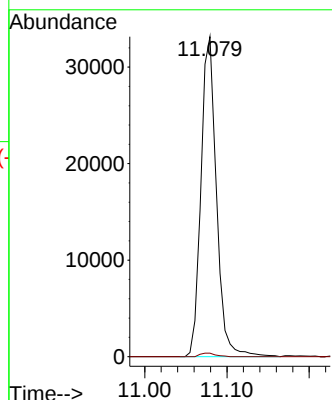
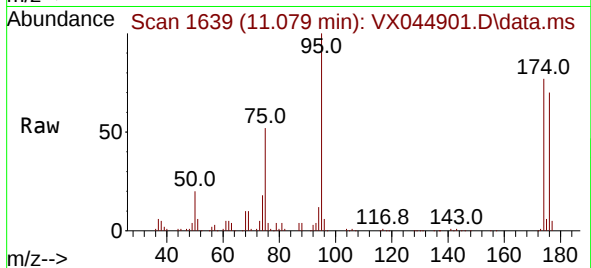
ClientSampleId :

Tgt Ion: 75 Resp: 43436

Ion Ratio Lower Upper

75 100

77 1.1 21.9 65.7#



#81

trans-1,4-Dichloro-2-butene

Concen: 65.765 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX044901.D

Acq: 11 Feb 2025 13:20

Tgt Ion: 75 Resp: 43436

Ion Ratio Lower Upper

75 100

53 0.0 78.0 117.0#

89 0.0 36.6 54.8#

