

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021025\
 Data File : VX044886.D
 Acq On : 10 Feb 2025 17:37
 Operator : JC/MD
 Sample : Q1250-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 11 06:08:34 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)

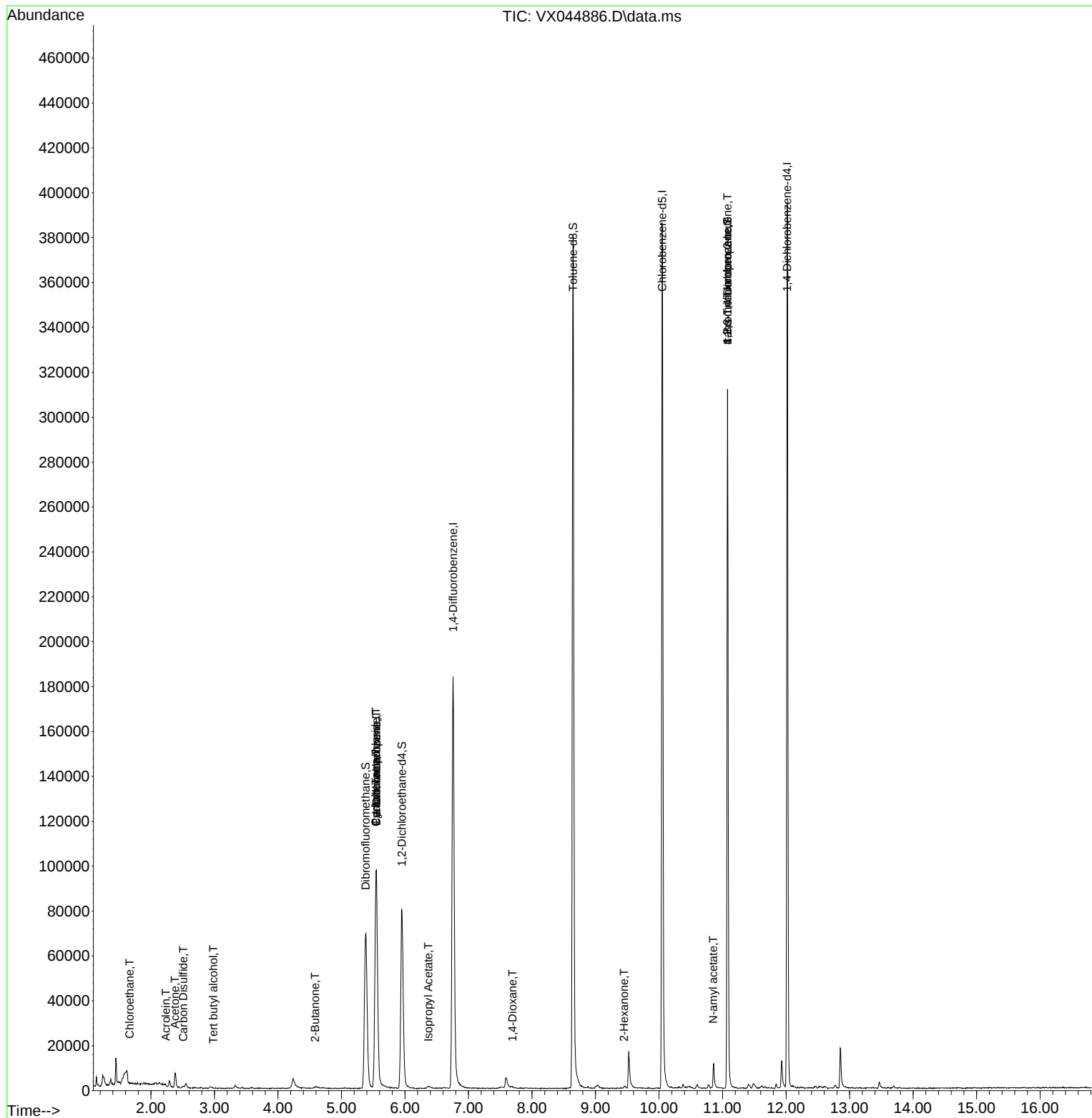
Internal Standards						
1) Pentafluorobenzene	5.549	168	94362	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.756	114	191816	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	178953	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	76716	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	74380	53.848	ug/l	0.00
Spiked Amount 50.000	Range 74	- 125	Recovery	= 107.700%		
35) Dibromofluoromethane	5.379	113	63934	51.265	ug/l	0.00
Spiked Amount 50.000	Range 75	- 124	Recovery	= 102.540%		
50) Toluene-d8	8.646	98	240408	50.978	ug/l	0.00
Spiked Amount 50.000	Range 86	- 113	Recovery	= 101.960%		
62) 4-Bromofluorobenzene	11.079	95	85054	53.499	ug/l	0.00
Spiked Amount 50.000	Range 77	- 121	Recovery	= 107.000%		
Target Compounds						
					Qvalue	
6) Chloroethane	1.666	64	141	1.528	ug/l #	42
11) Tert butyl alcohol	2.983	59	90	0.351	ug/l #	73
13) Acrolein	2.233	56	211	0.798	ug/l #	24
16) Acetone	2.379	43	7097	12.781	ug/l	96
17) Carbon Disulfide	2.507	76	1145	0.343	ug/l #	76
25) 2-Butanone	4.586	43	1995	2.213	ug/l #	85
31) Cyclohexane	5.543	56	2371	1.105	ug/l #	53
36) 1,1-Dichloropropene	5.549	75	8392	4.664	ug/l #	50
38) Carbon Tetrachloride	5.543	117	9814	5.566	ug/l #	14
43) Isopropyl Acetate	6.366	43	680	0.210	ug/l #	61
49) 1,4-Dioxane	7.689	88	427	13.061	ug/l #	66
59) 2-Hexanone	9.451	43	970	0.685	ug/l	87
74) N-amyl acetate	10.853	43	1947	0.697	ug/l #	13
76) 1,2,3-Trichloropropane	11.079	75	43879	25.797	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	43879	66.361	ug/l #	11

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

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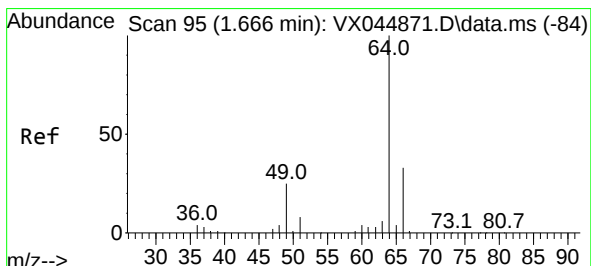
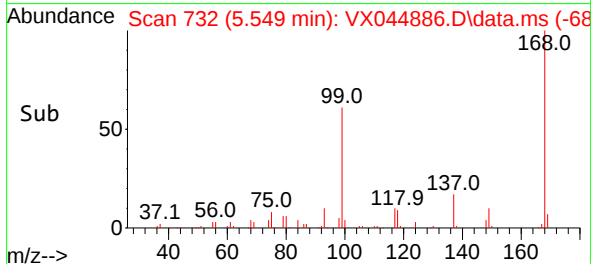
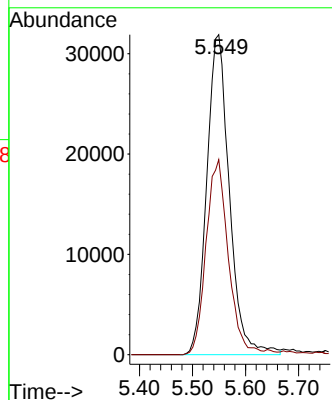
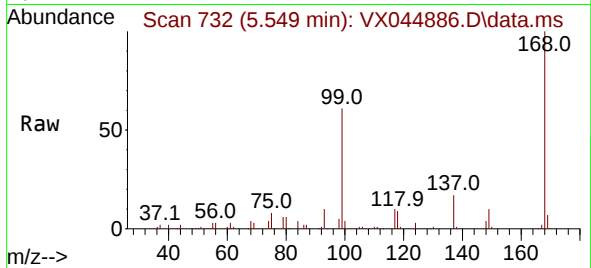




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX044886.D
Acq: 10 Feb 2025 17:37

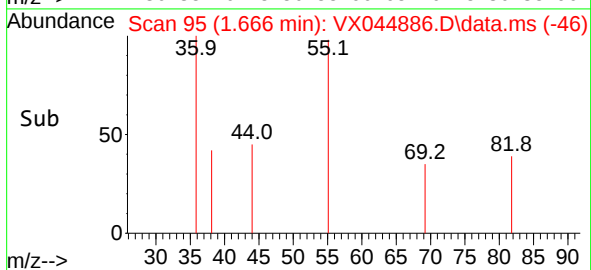
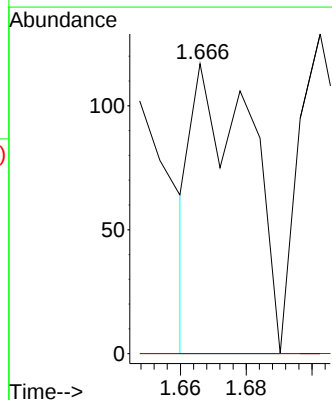
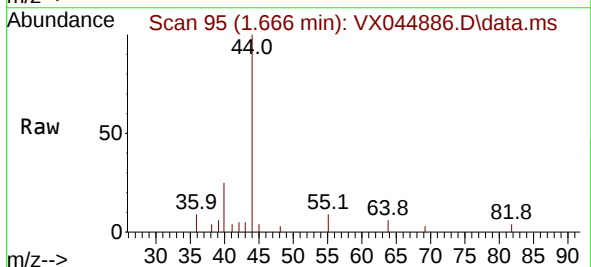
Instrument :
MSVOA_X
ClientSampleId :

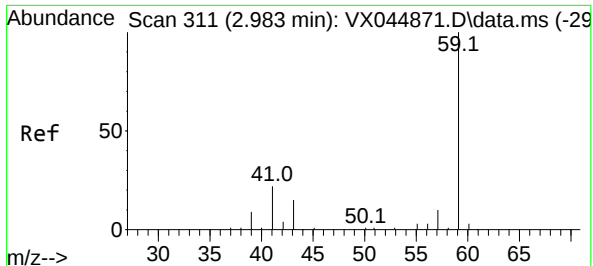
Tgt Ion:168 Resp: 94362
Ion Ratio Lower Upper
168 100
99 61.0 51.2 76.8



#6
Chloroethane
Concen: 1.528 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.000 min
Lab File: VX044886.D
Acq: 10 Feb 2025 17:37

Tgt Ion: 64 Resp: 141
Ion Ratio Lower Upper
64 100
66 0.0 25.9 38.9#





#11

Tert butyl alcohol

Concen: 0.351 ug/l

RT: 2.983 min Scan# 311

Delta R.T. -0.000 min

Lab File: VX044886.D

Acq: 10 Feb 2025 17:37

Instrument :

MSVOA_X

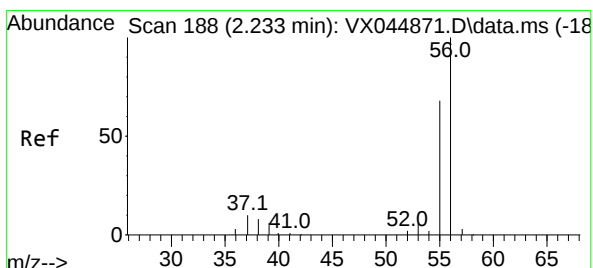
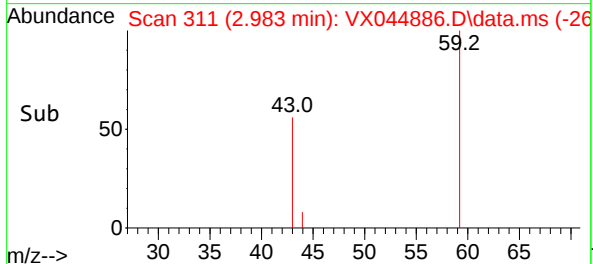
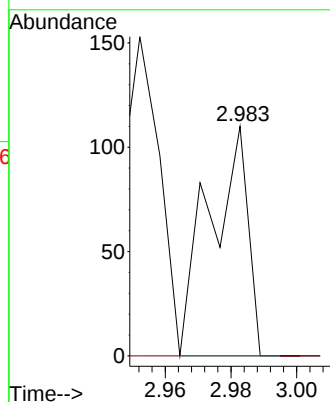
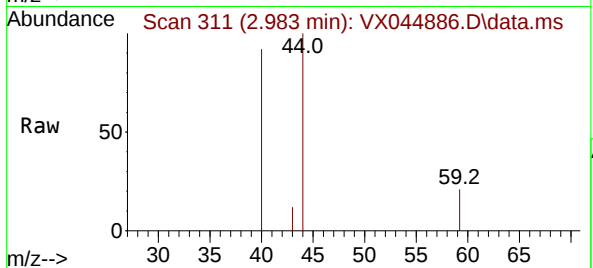
ClientSampleId :

Tgt Ion: 59 Resp: 90

Ion Ratio Lower Upper

59 100

57 0.0 8.1 12.1#



#13

Acrolein

Concen: 0.798 ug/l

RT: 2.233 min Scan# 188

Delta R.T. -0.000 min

Lab File: VX044886.D

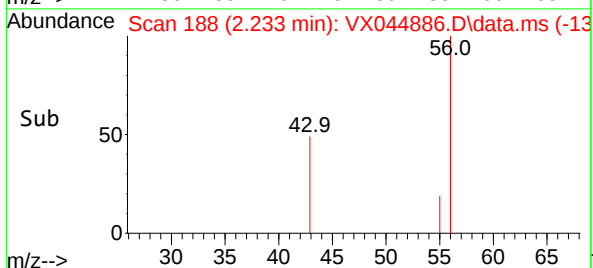
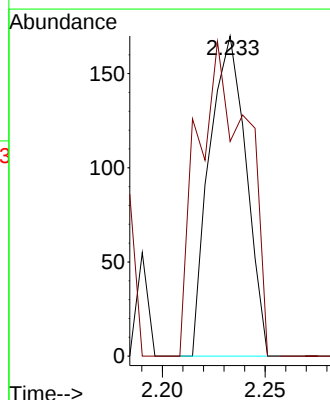
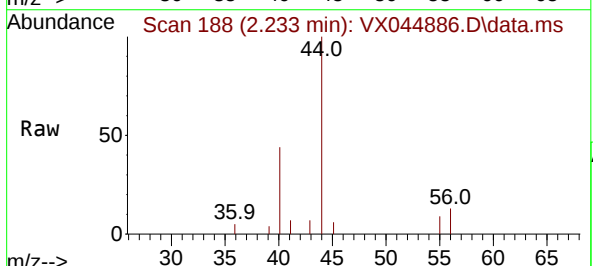
Acq: 10 Feb 2025 17:37

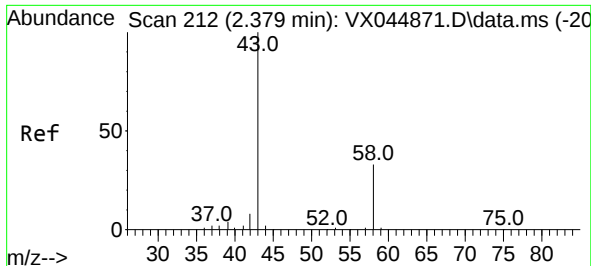
Tgt Ion: 56 Resp: 211

Ion Ratio Lower Upper

56 100

55 131.8 55.7 83.5#

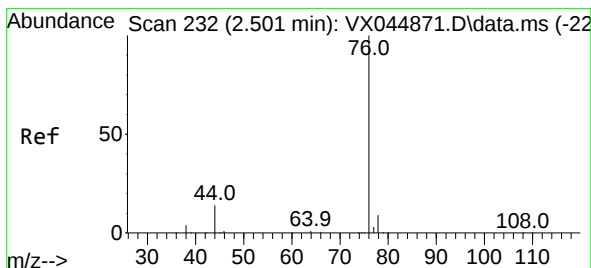
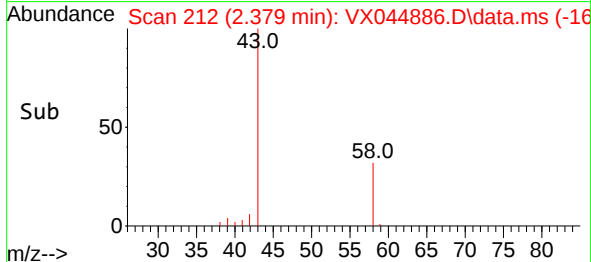
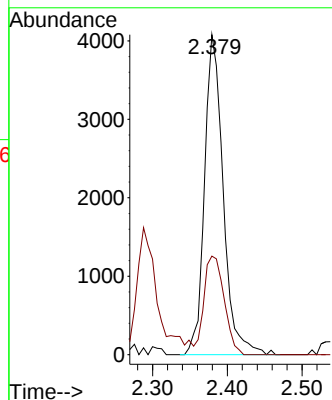
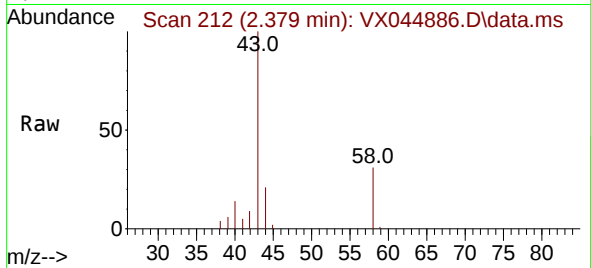




#16
Acetone
Concen: 12.781 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX044886.D
Acq: 10 Feb 2025 17:37

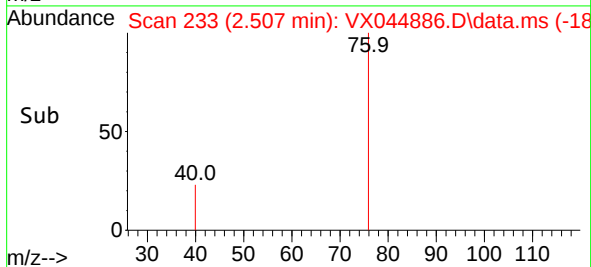
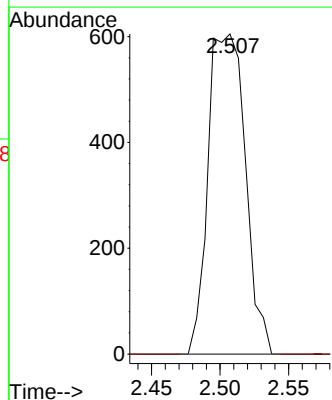
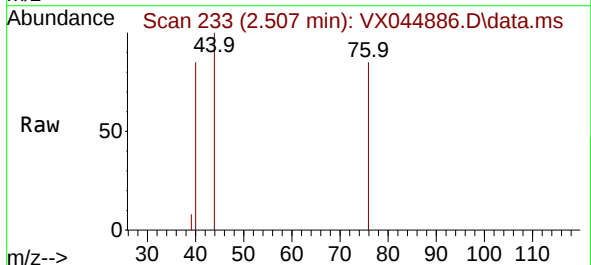
Instrument :
MSVOA_X
ClientSampleId :

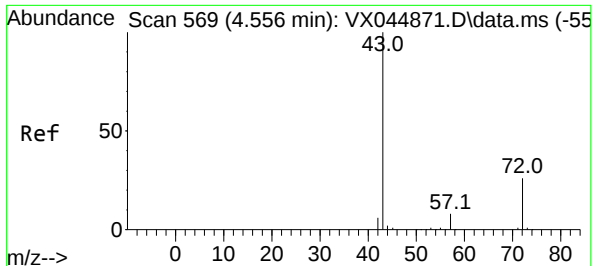
Tgt Ion: 43 Resp: 7097
Ion Ratio Lower Upper
43 100
58 30.8 26.5 39.7



#17
Carbon Disulfide
Concen: 0.343 ug/l
RT: 2.507 min Scan# 233
Delta R.T. 0.006 min
Lab File: VX044886.D
Acq: 10 Feb 2025 17:37

Tgt Ion: 76 Resp: 1145
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.4#





#25

2-Butanone

Concen: 2.213 ug/l

RT: 4.586 min Scan# 51

Delta R.T. 0.030 min

Lab File: VX044886.D

Acq: 10 Feb 2025 17:37

Instrument :

MSVOA_X

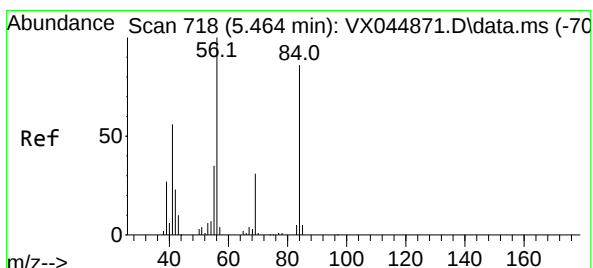
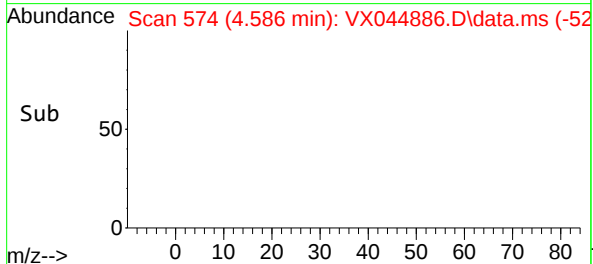
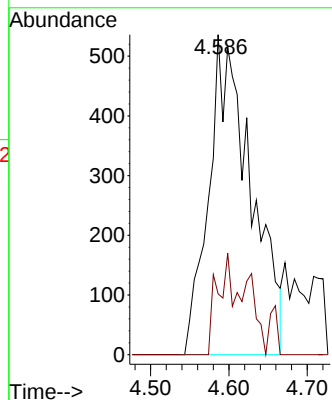
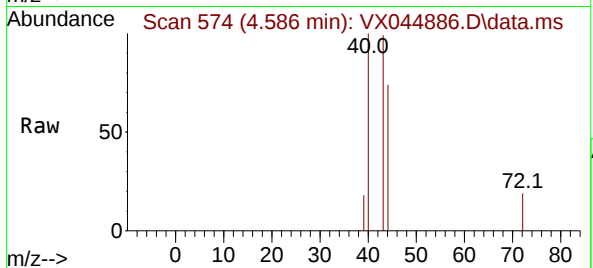
ClientSampleId :

Tgt Ion: 43 Resp: 1995

Ion Ratio Lower Upper

43 100

72 19.0 21.2 31.8#



#31

Cyclohexane

Concen: 1.105 ug/l

RT: 5.543 min Scan# 731

Delta R.T. 0.079 min

Lab File: VX044886.D

Acq: 10 Feb 2025 17:37

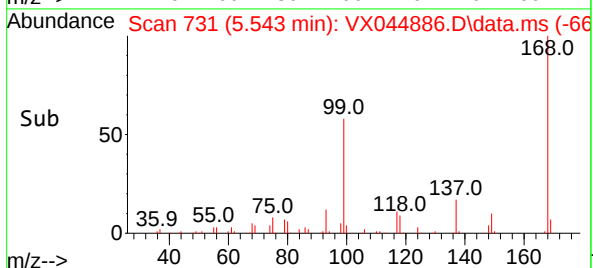
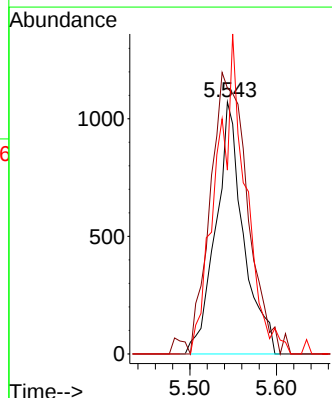
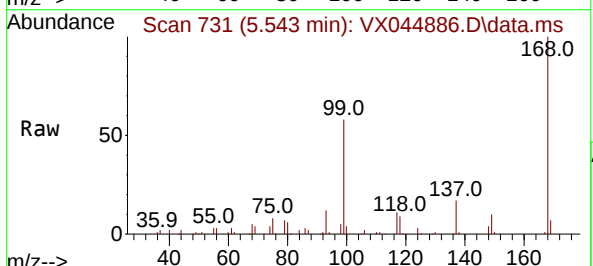
Tgt Ion: 56 Resp: 2371

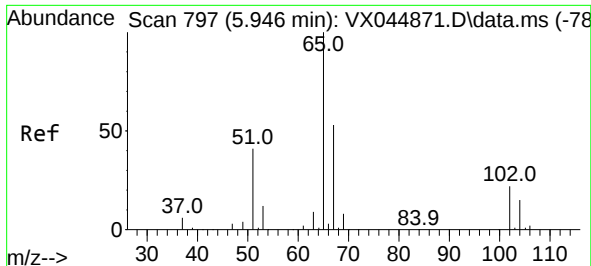
Ion Ratio Lower Upper

56 100

69 105.5 24.4 36.6#

84 72.9 69.0 103.6





#33

1,2-Dichloroethane-d4

Concen: 53.848 ug/l

RT: 5.952 min Scan# 74

Delta R.T. 0.006 min

Lab File: VX044886.D

Acq: 10 Feb 2025 17:37

Instrument :

MSVOA_X

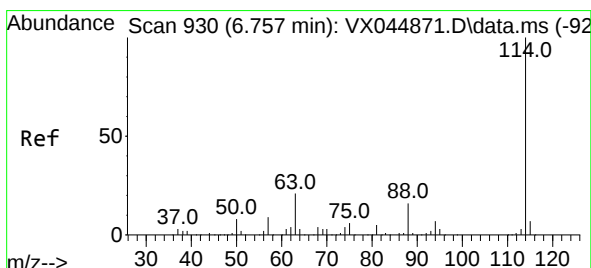
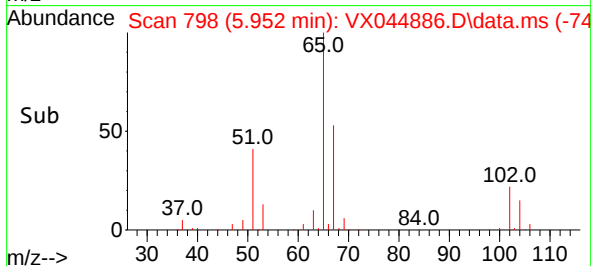
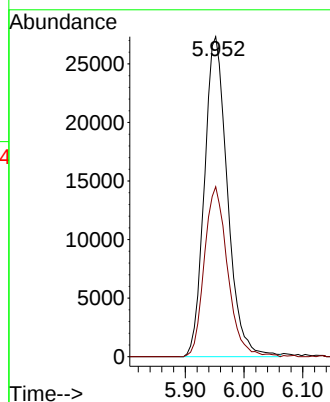
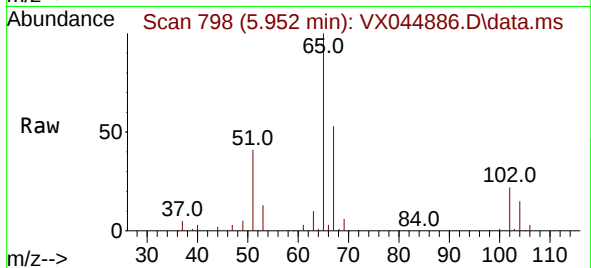
ClientSampleId :

Tgt Ion: 65 Resp: 74380

Ion Ratio Lower Upper

65 100

67 53.6 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: VX044886.D

Acq: 10 Feb 2025 17:37

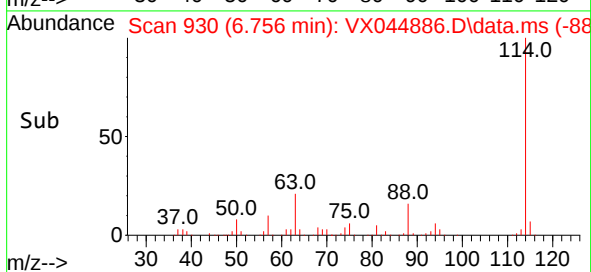
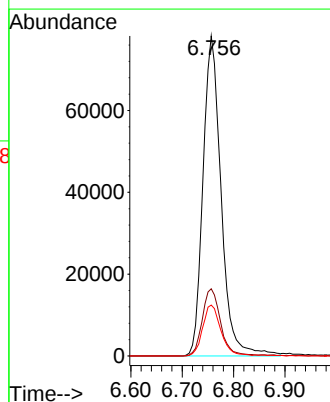
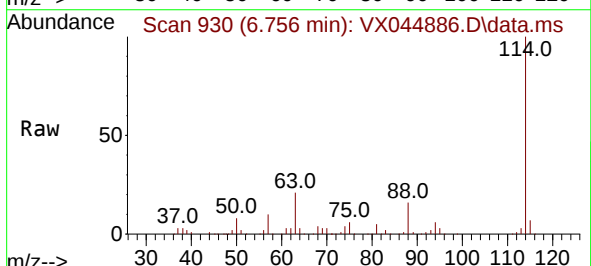
Tgt Ion: 114 Resp: 191816

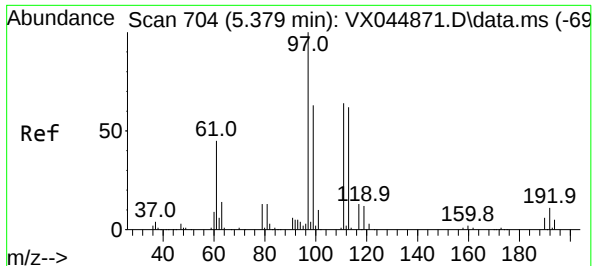
Ion Ratio Lower Upper

114 100

63 21.0 0.0 42.4

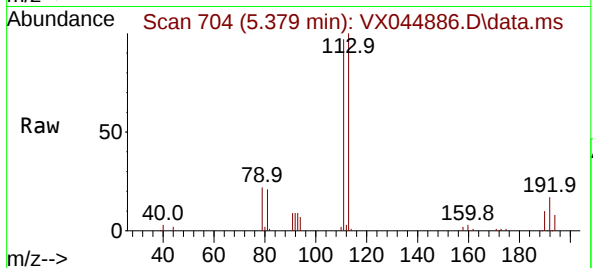
88 15.9 0.0 31.4



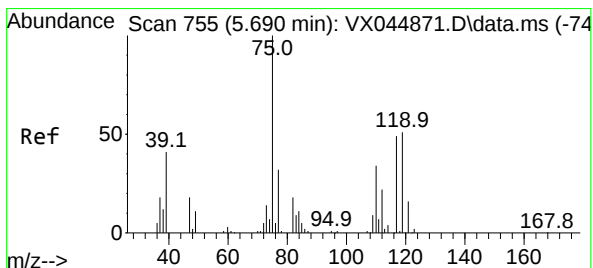
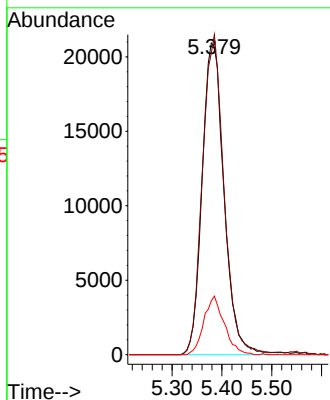
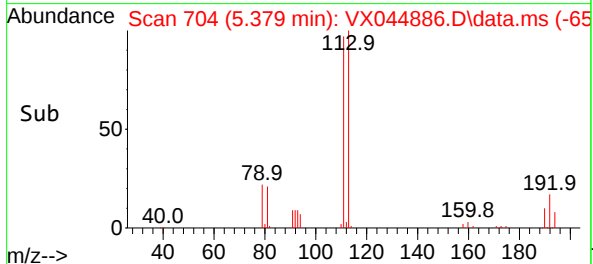


#35
 Dibromofluoromethane
 Concen: 51.265 ug/l
 RT: 5.379 min Scan# 704
 Delta R.T. -0.000 min
 Lab File: VX044886.D
 Acq: 10 Feb 2025 17:37

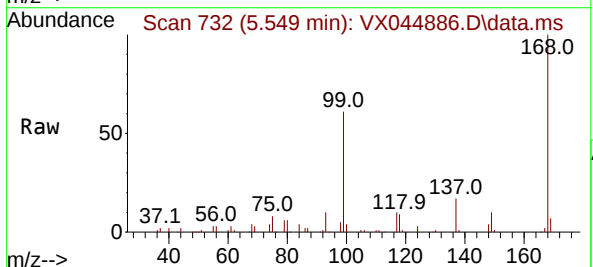
Instrument :
 MSVOA_X
 ClientSampleId :



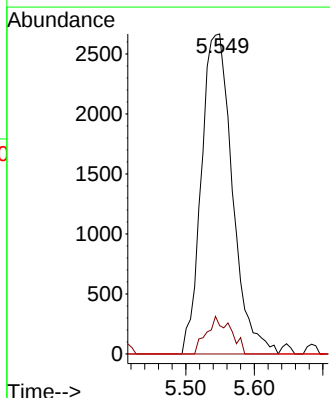
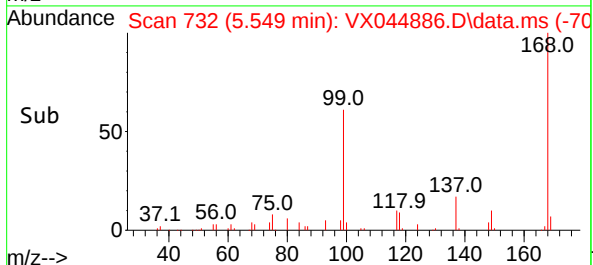
Tgt Ion:113 Resp: 63934
 Ion Ratio Lower Upper
 113 100
 111 100.9 83.5 125.3
 192 17.5 14.4 21.6

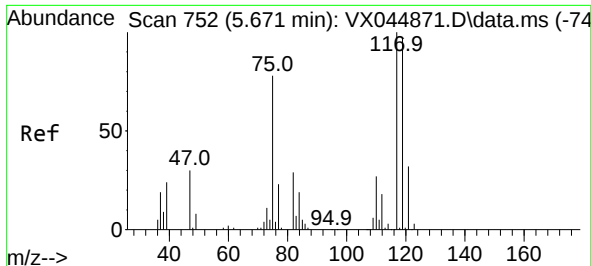


#36
 1,1-Dichloropropene
 Concen: 4.664 ug/l
 RT: 5.549 min Scan# 732
 Delta R.T. -0.140 min
 Lab File: VX044886.D
 Acq: 10 Feb 2025 17:37



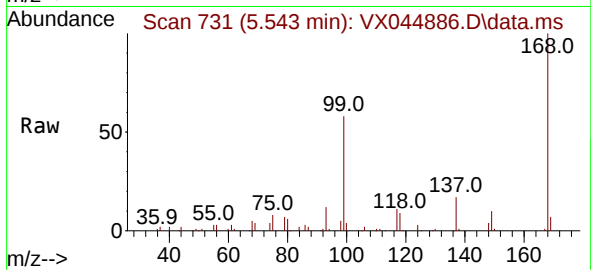
Tgt Ion: 75 Resp: 8392
 Ion Ratio Lower Upper
 75 100
 110 9.1 17.2 51.6#
 77 0.0 24.6 37.0#



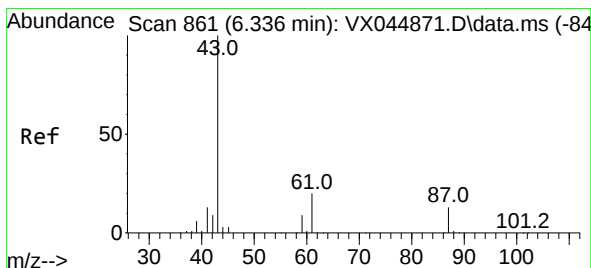
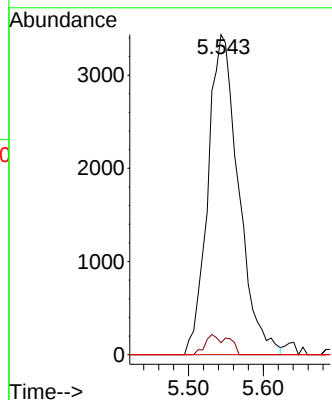
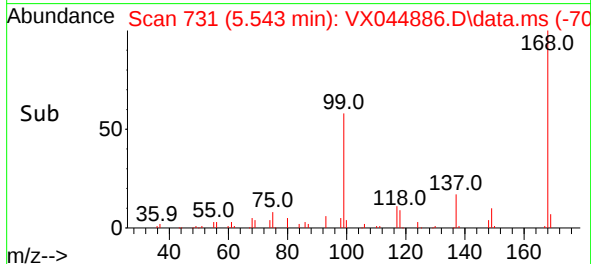


#38
Carbon Tetrachloride
Concen: 5.566 ug/l
RT: 5.543 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX044886.D
Acq: 10 Feb 2025 17:37

Instrument :
MSVOA_X
ClientSampleId :

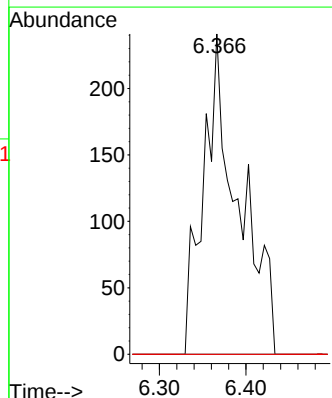
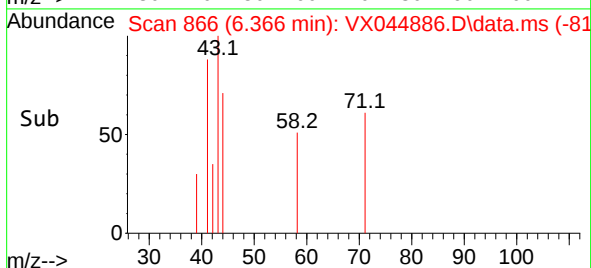
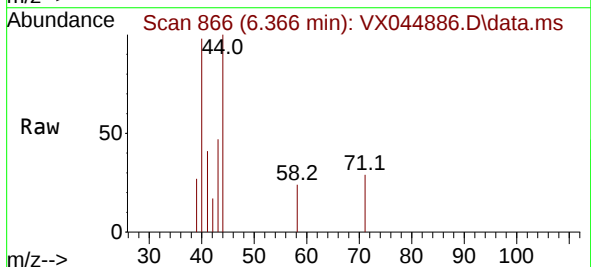


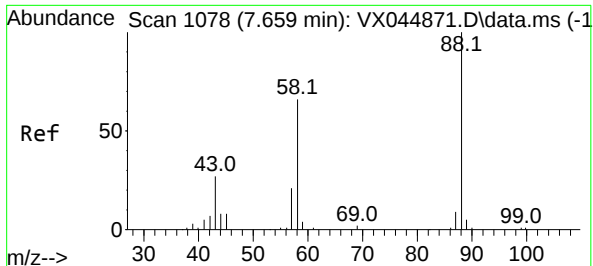
Tgt Ion:117 Resp: 9814
Ion Ratio Lower Upper
117 100
119 3.7 77.5 116.3#
121 0.0 25.6 38.4#



#43
Isopropyl Acetate
Concen: 0.210 ug/l
RT: 6.366 min Scan# 866
Delta R.T. 0.030 min
Lab File: VX044886.D
Acq: 10 Feb 2025 17:37

Tgt Ion: 43 Resp: 680
Ion Ratio Lower Upper
43 100
61 0.0 15.8 23.8#
87 0.0 10.0 15.0#





#49

1,4-Dioxane

Concen: 13.061 ug/l

RT: 7.689 min Scan# 1078

Delta R.T. 0.030 min

Lab File: VX044886.D

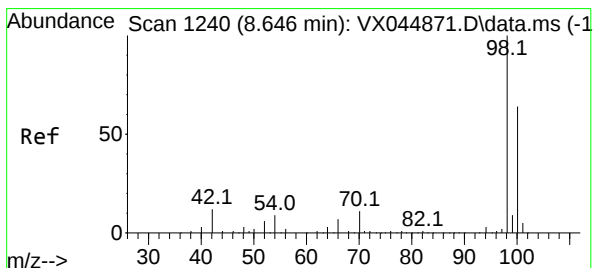
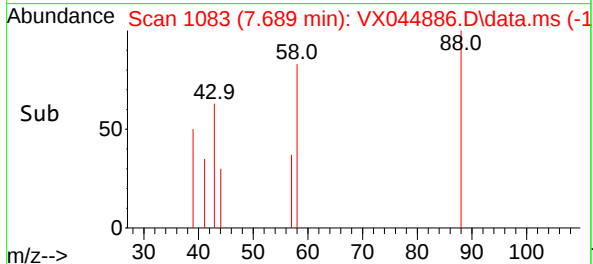
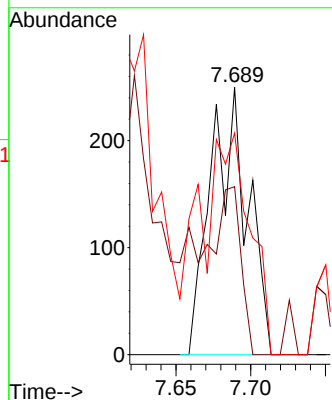
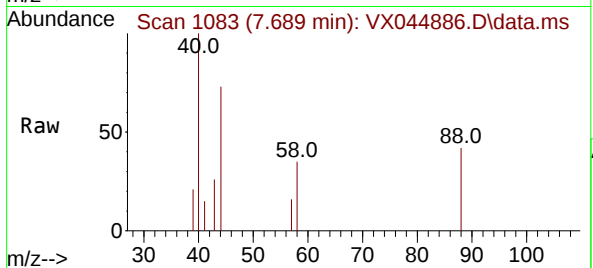
Acq: 10 Feb 2025 17:37

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 88	Resp: 427
Ion Ratio	Lower Upper
88 100	
43 32.1	26.6 39.8
58 110.8	55.9 83.9#



#50

Toluene-d8

Concen: 50.978 ug/l

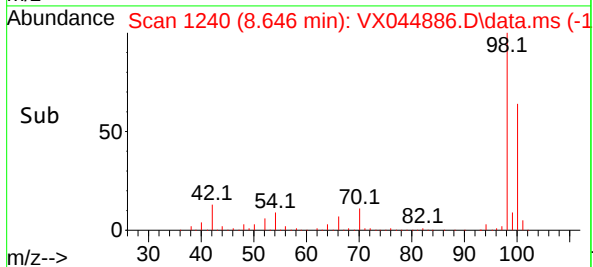
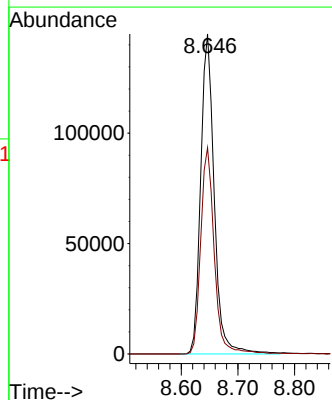
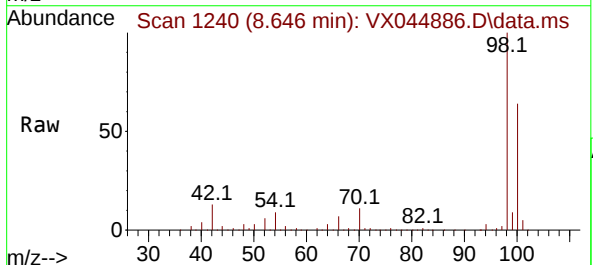
RT: 8.646 min Scan# 1240

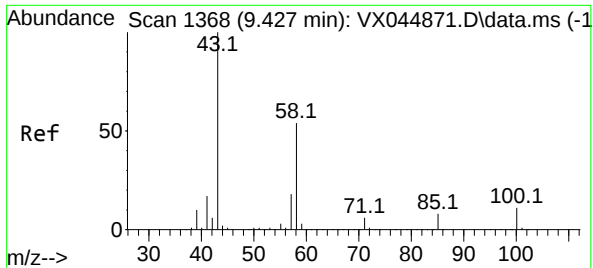
Delta R.T. -0.000 min

Lab File: VX044886.D

Acq: 10 Feb 2025 17:37

Tgt Ion: 98	Resp: 240408
Ion Ratio	Lower Upper
98 100	
100 64.5	52.7 79.1

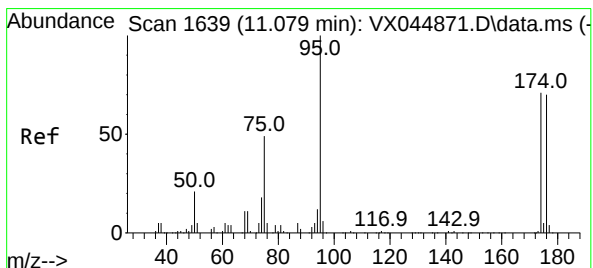
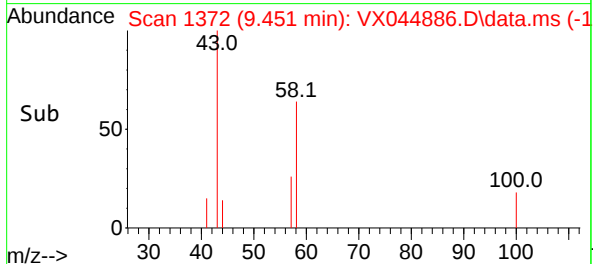
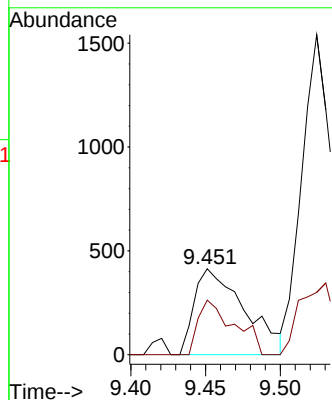
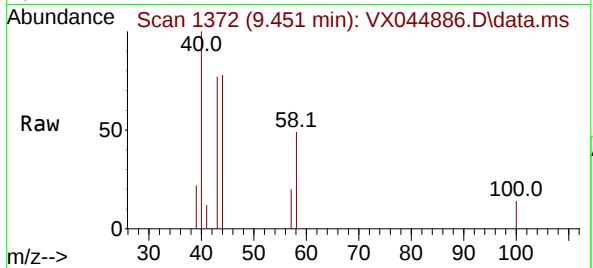




#59
2-Hexanone
Concen: 0.685 ug/l
RT: 9.451 min Scan# 11
Delta R.T. 0.024 min
Lab File: VX044886.D
Acq: 10 Feb 2025 17:37

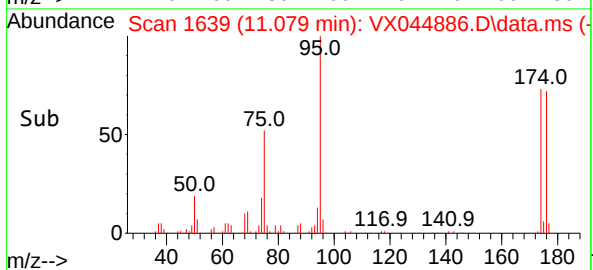
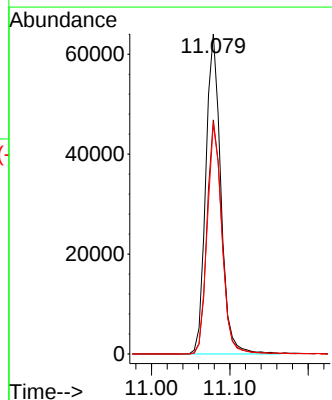
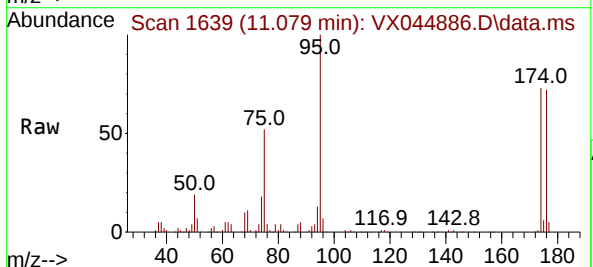
Instrument :
MSVOA_X
ClientSampleId :

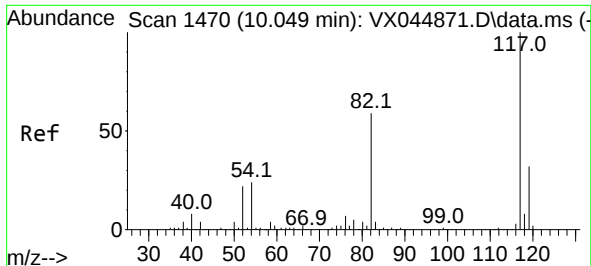
Tgt Ion: 43 Resp: 970
Ion Ratio Lower Upper
43 100
58 45.3 27.5 82.4



#62
4-Bromofluorobenzene
Concen: 53.499 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX044886.D
Acq: 10 Feb 2025 17:37

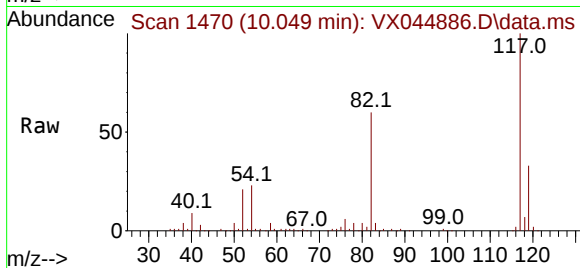
Tgt Ion: 95 Resp: 85054
Ion Ratio Lower Upper
95 100
174 72.1 0.0 142.6
176 70.6 0.0 141.6



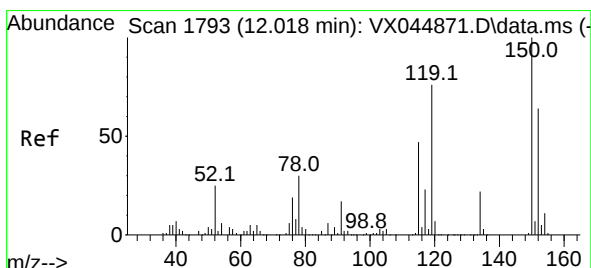
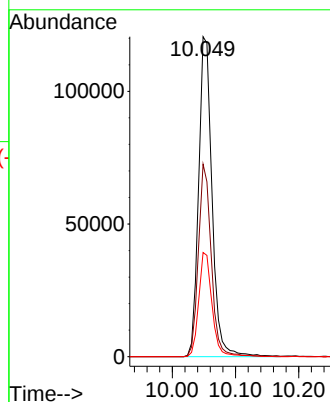
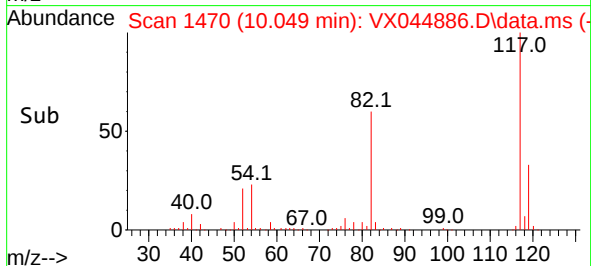


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX044886.D
Acq: 10 Feb 2025 17:37

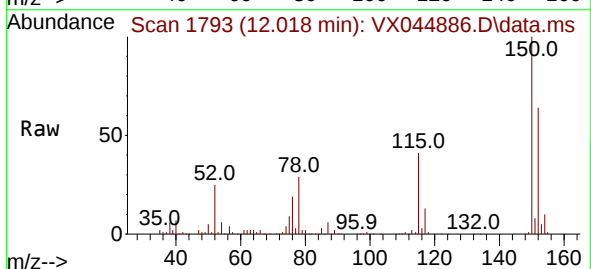
Instrument :
MSVOA_X
ClientSampleId :



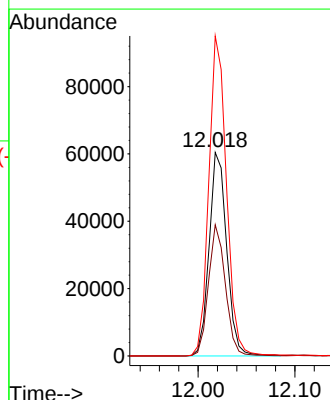
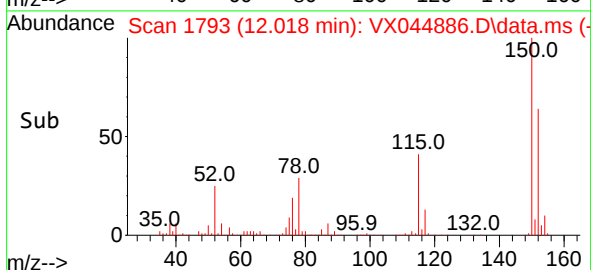
Tgt Ion:117 Resp: 178953
Ion Ratio Lower Upper
117 100
82 60.1 47.5 71.3
119 32.5 25.4 38.0

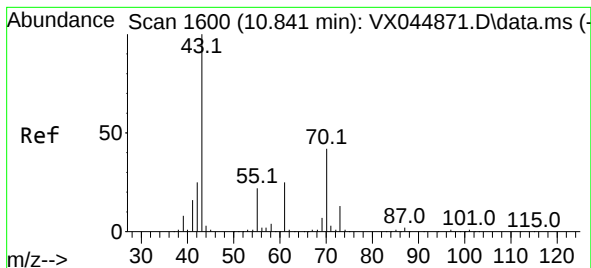


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX044886.D
Acq: 10 Feb 2025 17:37



Tgt Ion:152 Resp: 76716
Ion Ratio Lower Upper
152 100
115 62.2 43.4 130.1
150 157.8 0.0 350.4





#74

N-amy1 acetate

Concen: 0.697 ug/l

RT: 10.853 min Scan# 1

Delta R.T. 0.012 min

Lab File: VX044886.D

Acq: 10 Feb 2025 17:37

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 43 Resp: 1947

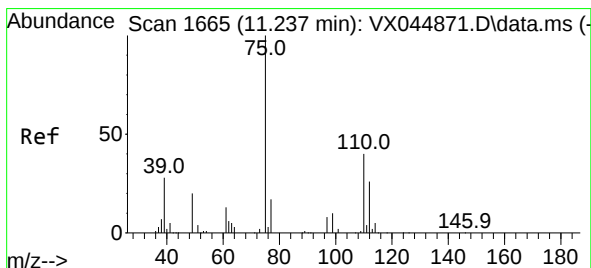
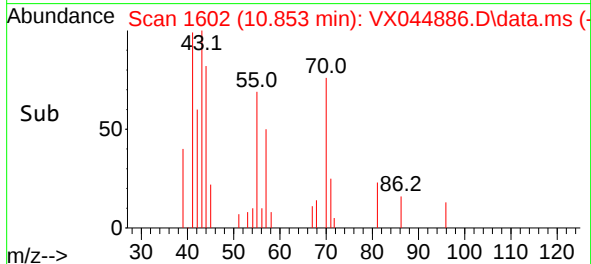
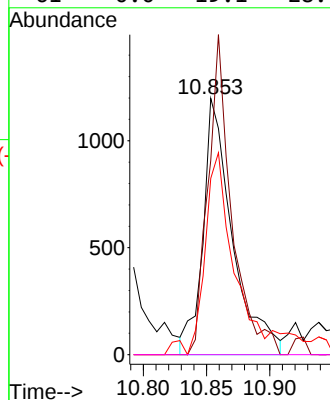
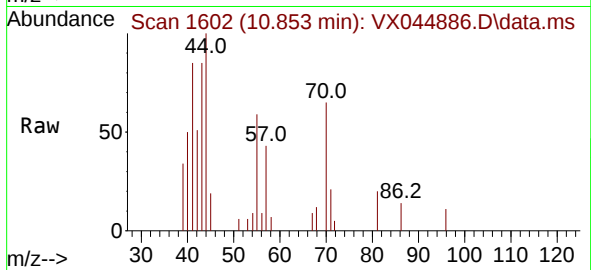
Ion Ratio Lower Upper

43 100

70 100.4 33.7 50.5#

55 80.1 18.6 27.8#

61 0.0 19.1 28.7#



#76

1,2,3-Trichloropropane

Concen: 25.797 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX044886.D

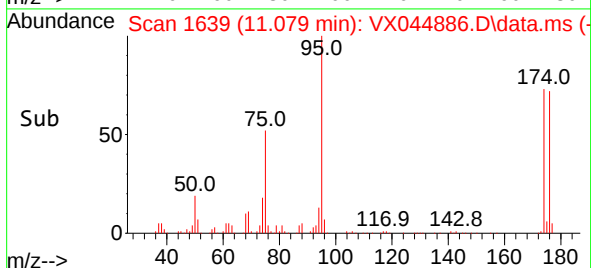
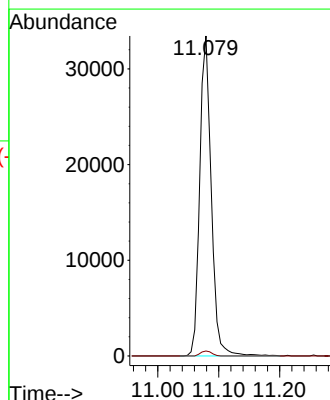
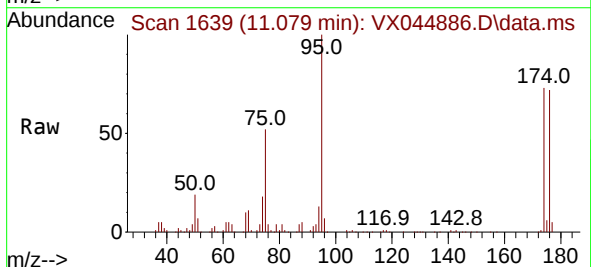
Acq: 10 Feb 2025 17:37

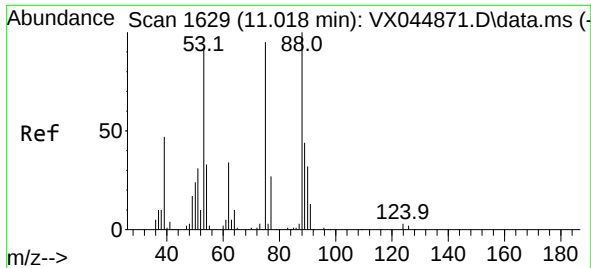
Tgt Ion: 75 Resp: 43879

Ion Ratio Lower Upper

75 100

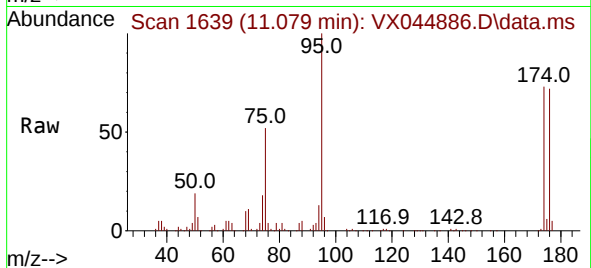
77 1.5 21.9 65.7#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 66.361 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX044886.D
 Acq: 10 Feb 2025 17:37

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 43879
 Ion Ratio Lower Upper
 75 100
 53 0.0 78.0 117.0#
 89 0.0 36.6 54.8#

