

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU010225\
 Data File : VU062650.D
 Acq On : 02 Jan 2025 11:40
 Operator : MD/SY
 Sample : VSTD010
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 03 00:25:21 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jan 03 00:22:44 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	106675	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	99899	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	52803	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	62155	8.915	ug/L	0.00
7) Chloroethane-d5	1.901	69	49144	9.620	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.557	65	30606	9.103	ug/L	0.00
20) 2-Butanone-d5	4.605	46	131116	96.727	ug/L	0.00
24) Chloroform-d	5.049	84	153296	9.845	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.689	65	83053	10.698	ug/L	0.00
32) Benzene-d6	5.714	84	257925	9.125	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.679	67	71926	8.939	ug/L	0.00
41) Toluene-d8	7.888	98	253171	9.461	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.171	79	37193	10.274	ug/L	0.00
46) 2-Hexanone-d5	8.621	63	118824	107.842	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.746	84	59102	9.349	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.183	152	95188	9.818	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	101537	10.079	ug/L	100
3) Chloromethane	1.515	50	67917	8.904	ug/L	99
5) Vinyl chloride	1.599	62	77320	9.618	ug/L	99
6) Bromomethane	1.843	94	56074	10.156	ug/L	94
8) Chloroethane	1.920	64	46613	10.194	ug/L	96
9) Trichlorofluoromethane	2.129	101	155985	10.830	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	76418	9.875	ug/L	98
12) 1,1-Dichloroethene	2.570	96	68905	9.666	ug/L	91
13) Acetone	2.618	43	87357	95.067	ug/L	99
14) Carbon disulfide	2.782	76	214436	9.571	ug/L	98
15) Methyl Acetate	2.939	43	20906	9.051	ug/L	96
16) Methylene chloride	3.033	84	72342	9.710	ug/L	96
17) Methyl tert-butyl Ether	3.351	73	190157	10.666	ug/L	99
18) trans-1,2-Dichloroethene	3.341	96	72852	9.894	ug/L	99
19) 1,1-Dichloroethane	3.853	63	128294	9.543	ug/L	96
21) 2-Butanone	4.685	43	129070	97.892	ug/L	98
22) cis-1,2-Dichloroethene	4.653	96	79727	9.703	ug/L	96
23) Bromochloromethane	4.959	128	38024	10.488	ug/L	95
25) Chloroform	5.074	83	157810	10.381	ug/L	99
27) 1,2-Dichloroethane	5.782	62	103510	10.602	ug/L	99
29) 1,1,1-Trichloroethane	5.303	97	152998	10.803	ug/L	99
30) Cyclohexane	5.377	56	102638	9.169	ug/L	97
31) Carbon tetrachloride	5.512	117	140474	10.785	ug/L	98
33) Benzene	5.763	78	295440	9.661	ug/L	100
34) Trichloroethene	6.531	95	89020	10.035	ug/L	97
35) Methylcyclohexane	6.753	83	123768	9.600	ug/L	100
37) 1,2-Dichloropropane	6.779	63	68594	9.328	ug/L	100
38) Bromodichloromethane	7.094	83	111902	10.492	ug/L	99
39) cis-1,3-Dichloropropene	7.595	75	122405	10.186	ug/L	98
40) 4-Methyl-2-pentanone	7.779	43	328675	95.502	ug/L	99
42) Toluene	7.959	91	329303	9.946	ug/L	100
44) trans-1,3-Dichloropropene	8.200	75	107343	10.887	ug/L	98

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 ClientSampleId :

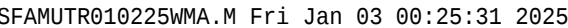
Quant Time: Jan 03 00:25:21 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jan 03 00:22:44 2025
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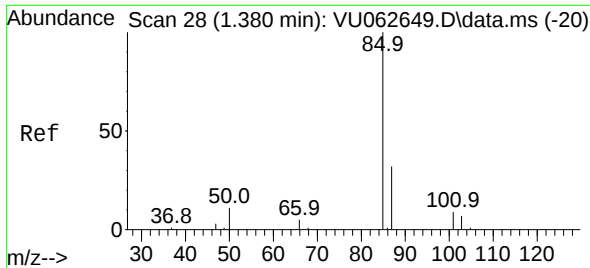
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	8.389	97	56575	10.097	ug/L	94
47) Tetrachloroethene	8.544	164	68610	10.141	ug/L	97
48) 2-Hexanone	8.672	43	236411	93.771	ug/L	97
49) Dibromochloromethane	8.798	129	76536	11.038	ug/L	98
50) 1,2-Dibromoethane	8.914	107	55261	10.185	ug/L	100
51) Chlorobenzene	9.438	112	209545	9.858	ug/L	99
52) Ethylbenzene	9.560	91	376323	10.159	ug/L	98
53) m,p-Xylene	9.685	106	141430	10.332	ug/L	100
54) o-Xylene	10.090	106	138143	10.383	ug/L	100
55) Styrene	10.103	104	233935	10.607	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.772	83	64402	9.914	ug/L #	96
59) Bromoform	10.280	173	45567	10.830	ug/L	99
60) Isopropylbenzene	10.473	105	384661	10.162	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	47458	9.848	ug/L	99
62) 1,3,5-Trimethylbenzene	11.077	105	332205	10.352	ug/L	99
63) 1,2,4-Trimethylbenzene	11.457	105	329991	10.503	ug/L	99
64) 1,3-Dichlorobenzene	11.737	146	171906	9.836	ug/L	96
65) 1,4-Dichlorobenzene	11.827	146	174216	9.943	ug/L	98
67) 1,2-Dichlorobenzene	12.203	146	161141	9.993	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.987	75	13381	12.356	ug/L	95
69) 1,3,5-Trichlorobenzene	13.209	180	135577	10.380	ug/L	100
70) 1,2,4-trichlorobenzene	13.830	180	113271	10.936	ug/L	99
71) Naphthalene	14.077	128	176844	11.399	ug/L	100
72) 1,2,3-Trichlorobenzene	14.322	180	98049	10.751	ug/L	96

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

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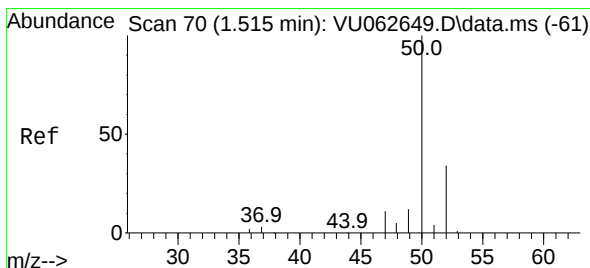
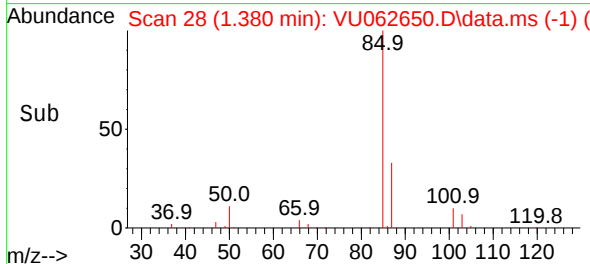
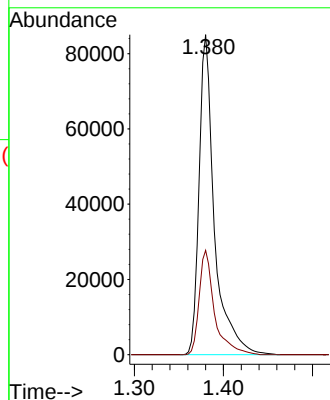
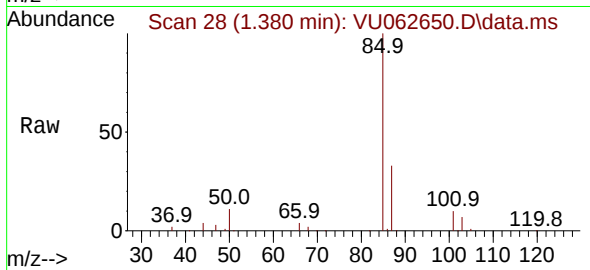




#2
Dichlorodifluoromethane
Concen: 10.079 ug/L
RT: 1.380 min Scan# 28
Delta R.T. 0.000 min
Lab File: VU062650.D
Acq: 02 Jan 2025 11:40

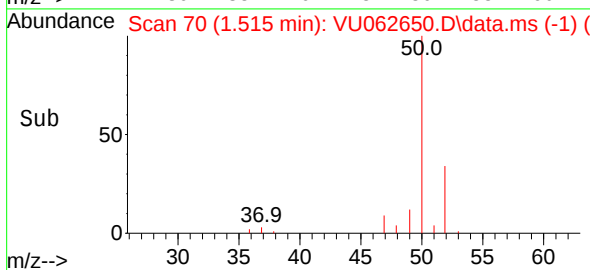
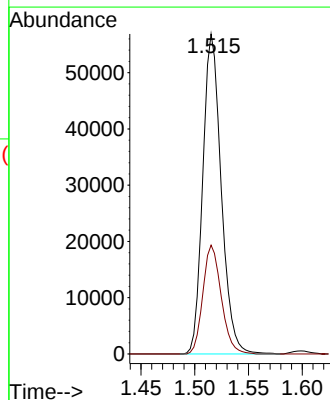
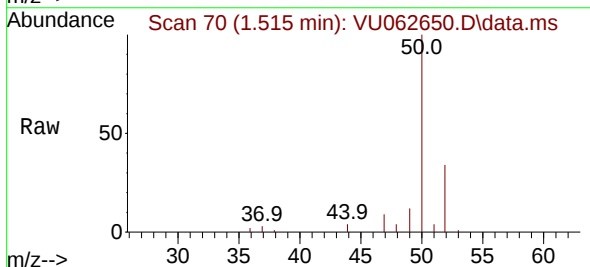
Instrument :
MSVOA_U
ClientSampleId :

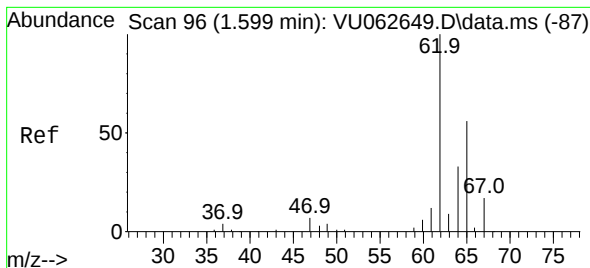
Tgt Ion: 85 Resp: 101537
Ion Ratio Lower Upper
85 100
87 32.8 26.1 39.1



#3
Chloromethane
Concen: 8.904 ug/L
RT: 1.515 min Scan# 70
Delta R.T. 0.000 min
Lab File: VU062650.D
Acq: 02 Jan 2025 11:40

Tgt Ion: 50 Resp: 67917
Ion Ratio Lower Upper
50 100
52 34.0 24.1 44.7





#5

Vinyl chloride

Concen: 9.618 ug/L

RT: 1.599 min Scan# 96

Delta R.T. 0.000 min

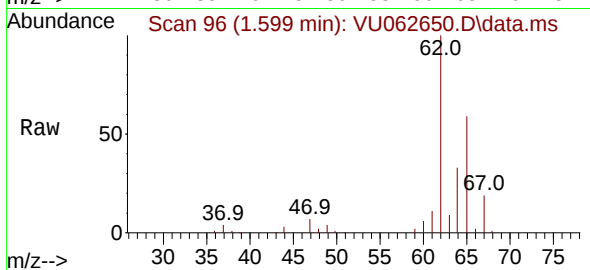
Lab File: VU062650.D

Acq: 02 Jan 2025 11:40

Instrument :

MSVOA_U

ClientSampleId :

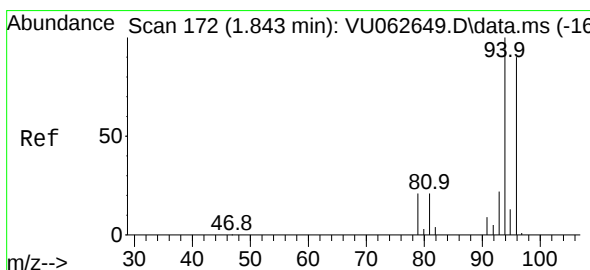
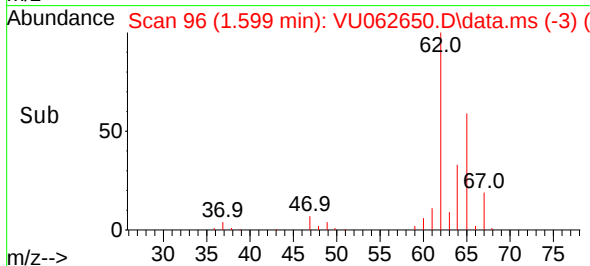
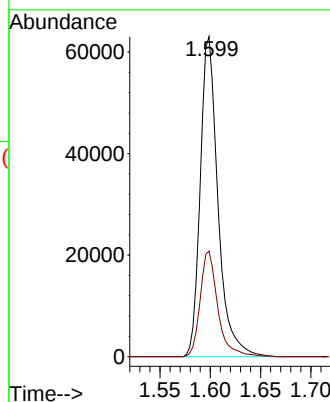


Tgt Ion: 62 Resp: 77320

Ion Ratio Lower Upper

62 100

64 33.0 23.4 43.4



#6

Bromomethane

Concen: 10.156 ug/L

RT: 1.843 min Scan# 172

Delta R.T. 0.000 min

Lab File: VU062650.D

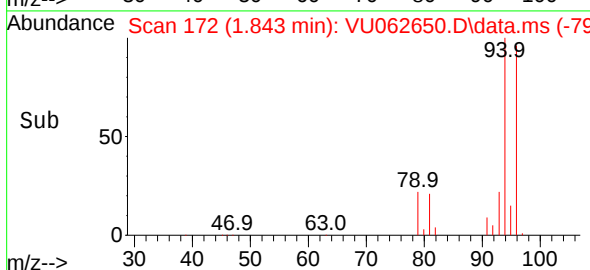
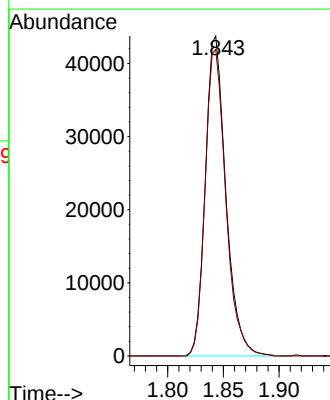
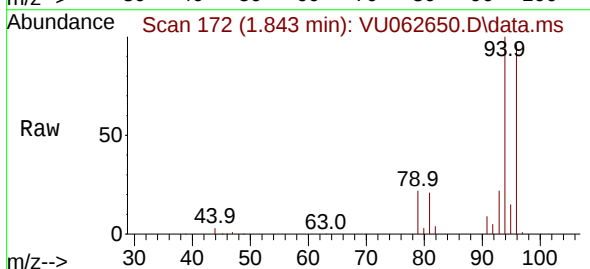
Acq: 02 Jan 2025 11:40

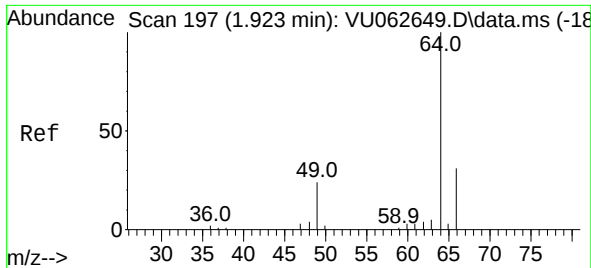
Tgt Ion: 94 Resp: 56074

Ion Ratio Lower Upper

94 100

96 95.7 62.9 116.7

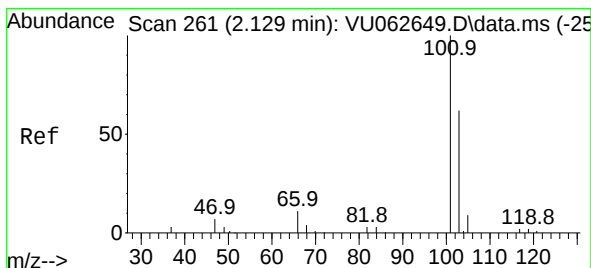
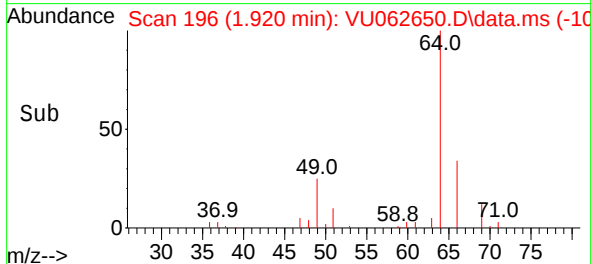
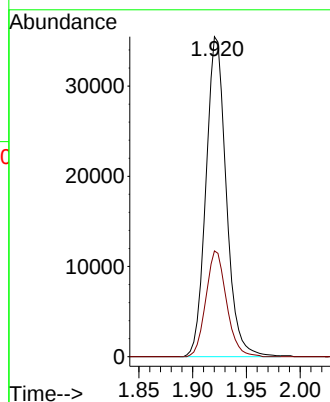
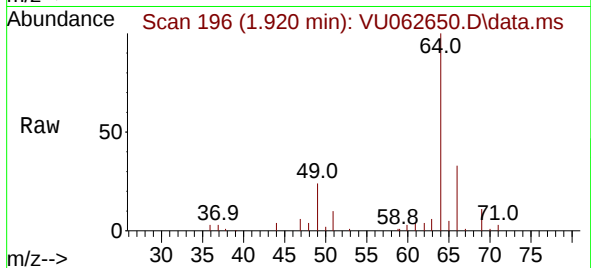




#8
Chloroethane
Concen: 10.194 ug/L
RT: 1.920 min Scan# 196
Delta R.T. -0.003 min
Lab File: VU062650.D
Acq: 02 Jan 2025 11:40

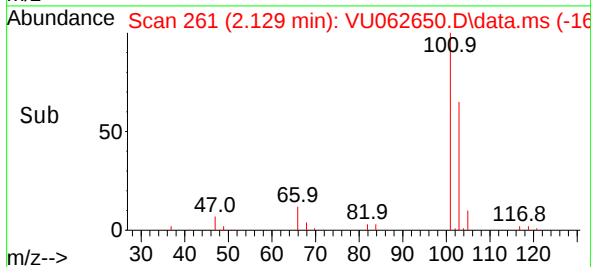
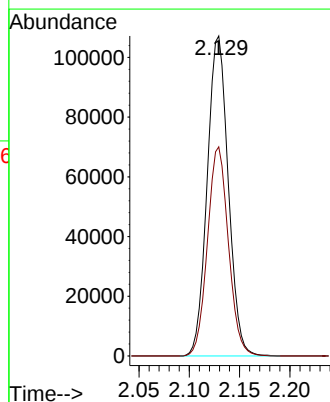
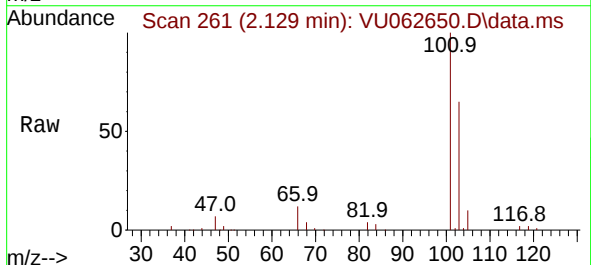
Instrument :
MSVOA_U
ClientSampleId :

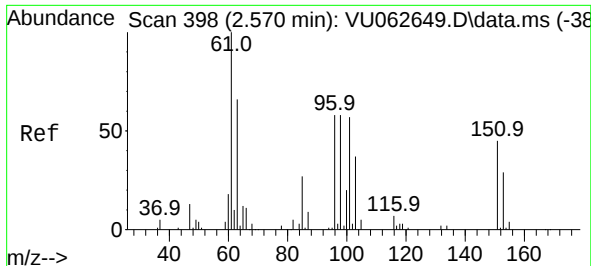
Tgt Ion: 64 Resp: 46613
Ion Ratio Lower Upper
64 100
66 33.1 21.6 40.2



#9
Trichlorofluoromethane
Concen: 10.830 ug/L
RT: 2.129 min Scan# 261
Delta R.T. 0.000 min
Lab File: VU062650.D
Acq: 02 Jan 2025 11:40

Tgt Ion:101 Resp: 155985
Ion Ratio Lower Upper
101 100
103 65.0 51.4 77.0





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 9.875 ug/L

RT: 2.570 min Scan# 398

Delta R.T. 0.000 min

Lab File: VU062650.D

Acq: 02 Jan 2025 11:40

Instrument :

MSVOA_U

ClientSampleId :

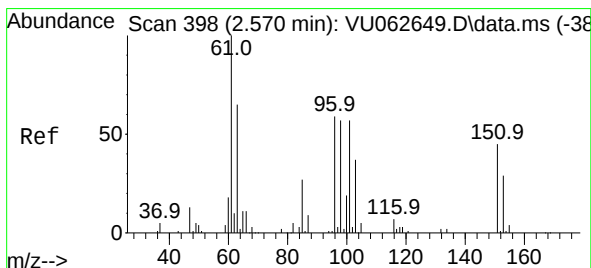
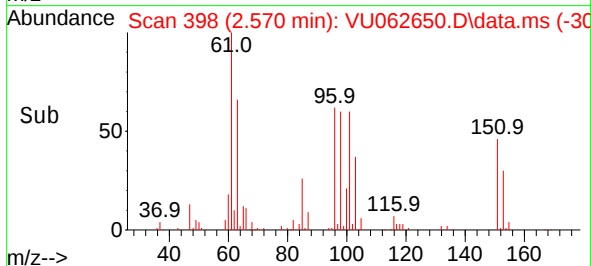
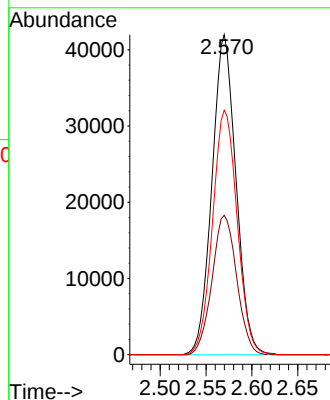
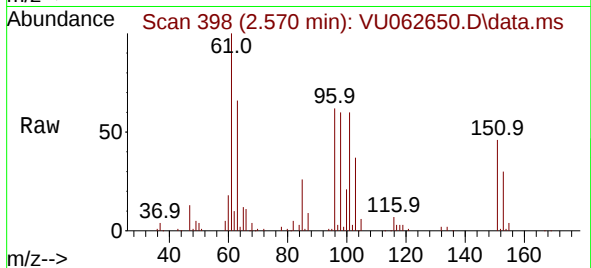
Tgt Ion:101 Resp: 76418

Ion Ratio Lower Upper

101 100

85 44.7 37.0 55.6

151 78.4 64.4 96.6



#12

1,1-Dichloroethene

Concen: 9.666 ug/L

RT: 2.570 min Scan# 398

Delta R.T. 0.000 min

Lab File: VU062650.D

Acq: 02 Jan 2025 11:40

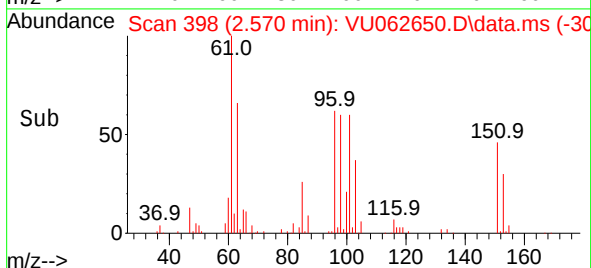
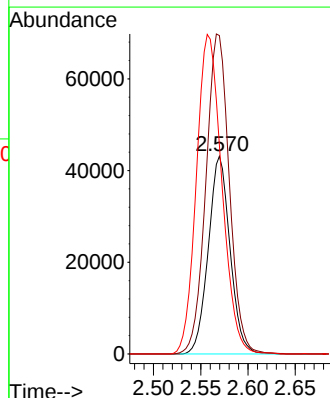
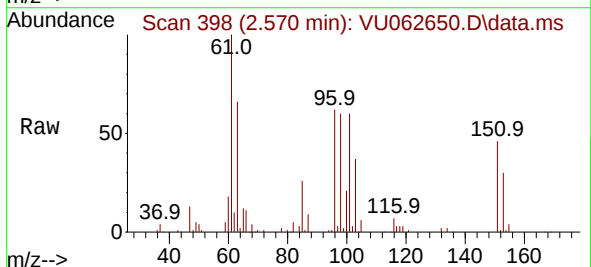
Tgt Ion: 96 Resp: 68905

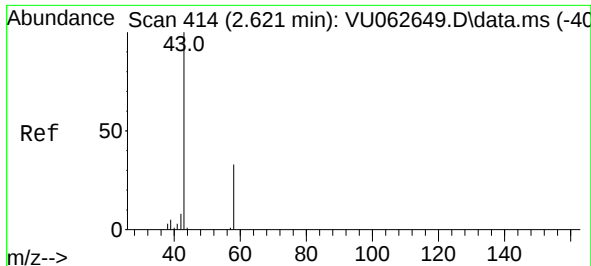
Ion Ratio Lower Upper

96 100

61 161.1 120.4 223.6

63 105.6 82.3 152.9





#13

Acetone

Concen: 95.067 ug/L

RT: 2.618 min Scan# 414

Delta R.T. -0.003 min

Lab File: VU062650.D

Acq: 02 Jan 2025 11:40

Instrument :

MSVOA_U

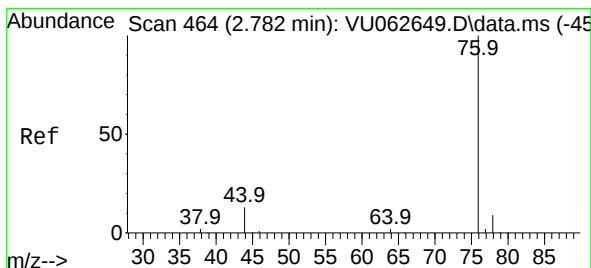
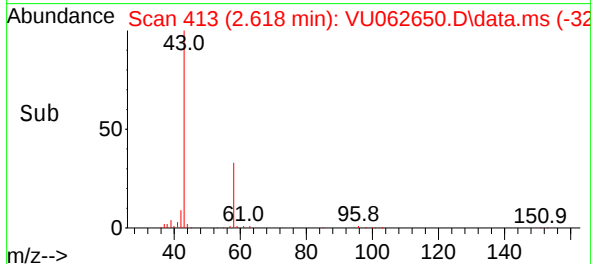
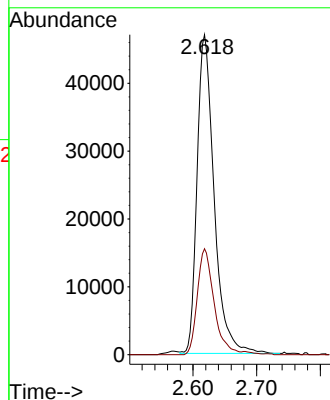
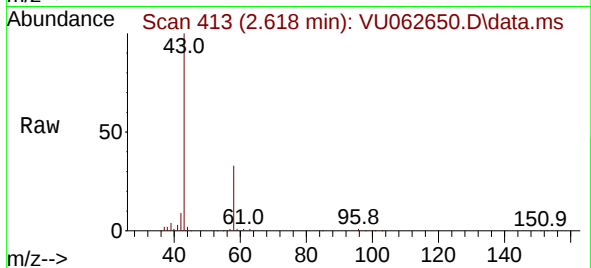
ClientSampleId :

Tgt Ion: 43 Resp: 87357

Ion Ratio Lower Upper

43 100

58 32.7 0.0 64.4



#14

Carbon disulfide

Concen: 9.571 ug/L

RT: 2.782 min Scan# 464

Delta R.T. 0.000 min

Lab File: VU062650.D

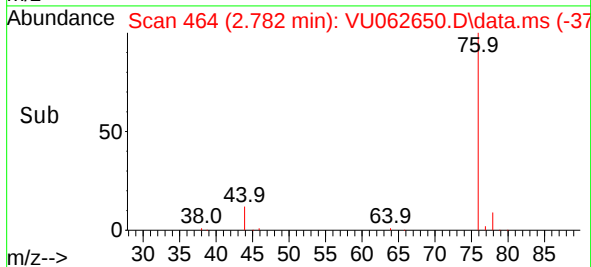
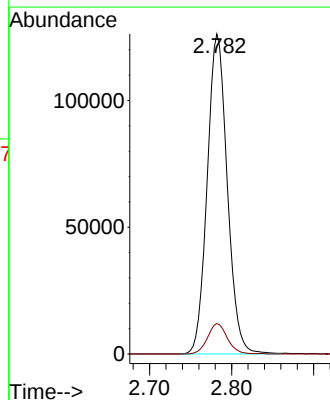
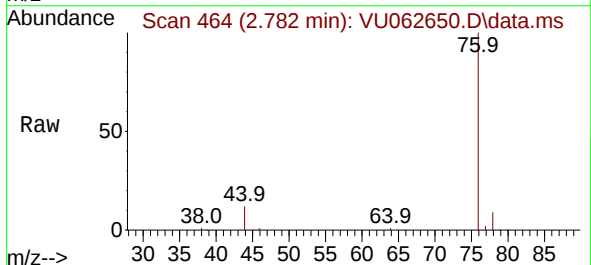
Acq: 02 Jan 2025 11:40

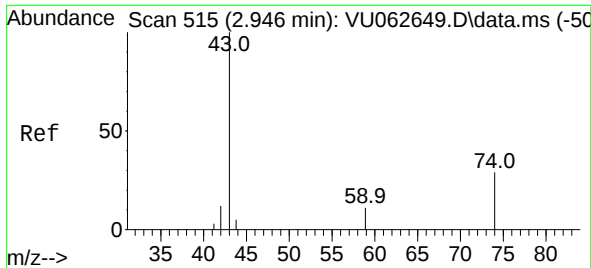
Tgt Ion: 76 Resp: 214436

Ion Ratio Lower Upper

76 100

78 9.5 7.0 10.6





#15

Methyl Acetate

Concen: 9.051 ug/L

RT: 2.939 min Scan# 51

Delta R.T. -0.006 min

Lab File: VU062650.D

Acq: 02 Jan 2025 11:40

Instrument :

MSVOA_U

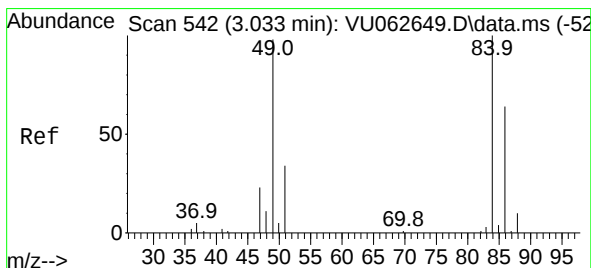
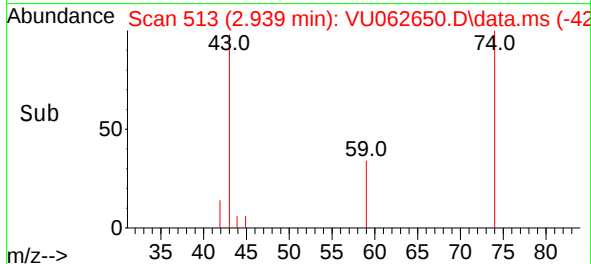
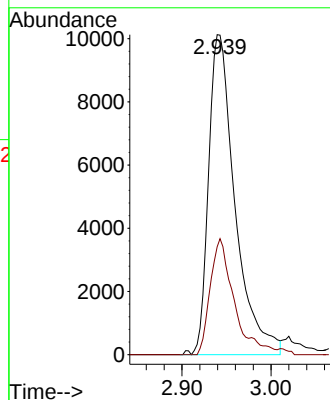
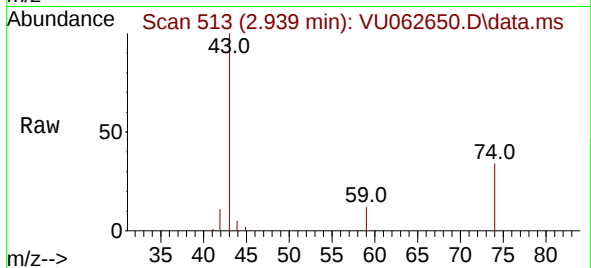
ClientSampleId :

Tgt Ion: 43 Resp: 20906

Ion Ratio Lower Upper

43 100

74 32.7 24.4 36.6



#16

Methylene chloride

Concen: 9.710 ug/L

RT: 3.033 min Scan# 542

Delta R.T. 0.000 min

Lab File: VU062650.D

Acq: 02 Jan 2025 11:40

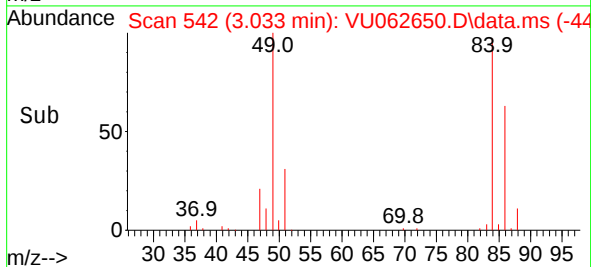
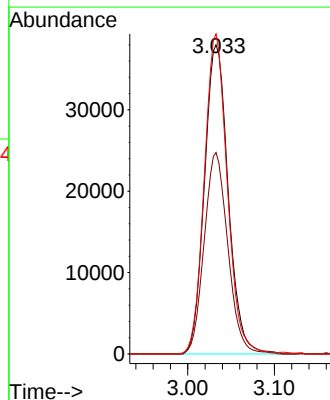
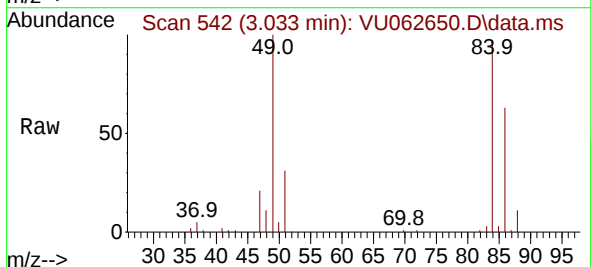
Tgt Ion: 84 Resp: 72342

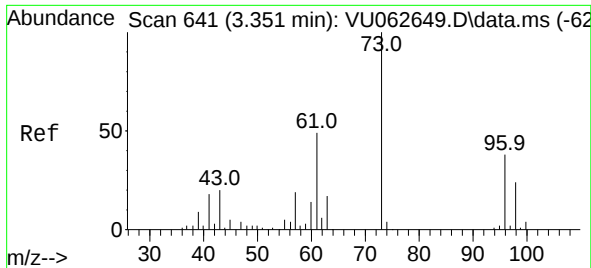
Ion Ratio Lower Upper

84 100

86 65.1 44.7 83.1

49 103.5 68.3 126.9

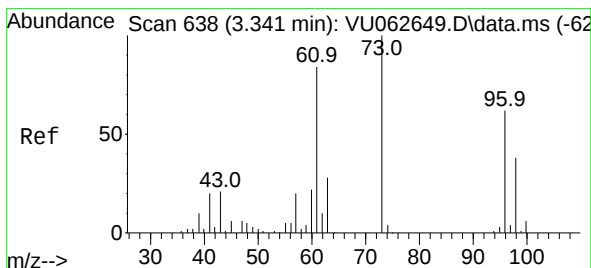
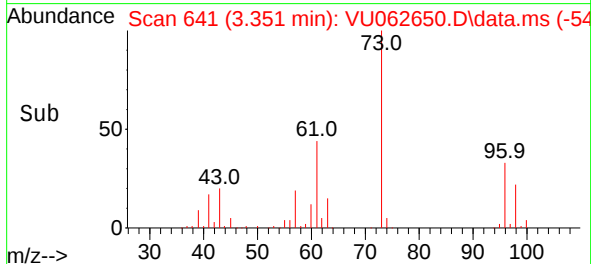
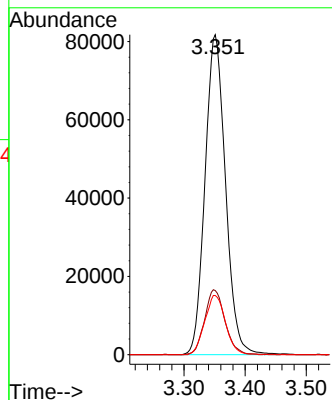
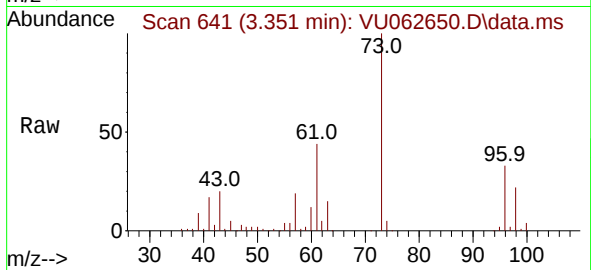




#17
Methyl tert-butyl Ether
Concen: 10.666 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.000 min
Lab File: VU062650.D
Acq: 02 Jan 2025 11:40

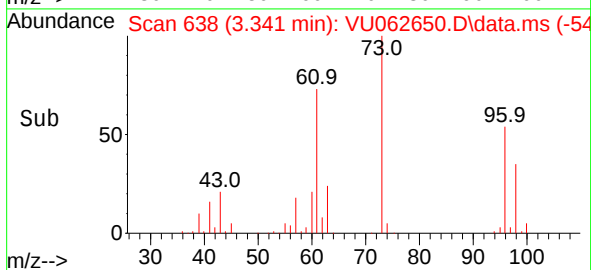
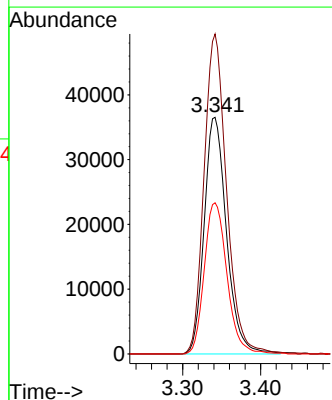
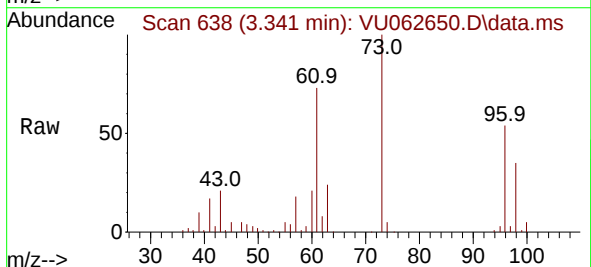
Instrument :
MSVOA_U
ClientSampleId :

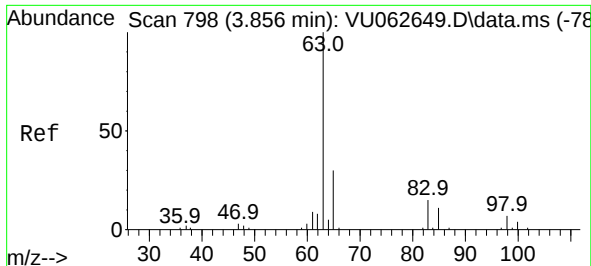
Tgt Ion: 73	Resp: 190157
Ion Ratio	Lower Upper
73	100
43	20.2 16.2 24.4
57	18.7 14.6 22.0



#18
trans-1,2-Dichloroethene
Concen: 9.894 ug/L
RT: 3.341 min Scan# 638
Delta R.T. 0.000 min
Lab File: VU062650.D
Acq: 02 Jan 2025 11:40

Tgt Ion: 96	Resp: 72852
Ion Ratio	Lower Upper
96	100
61	135.2 94.4 175.2
98	63.9 42.8 79.4

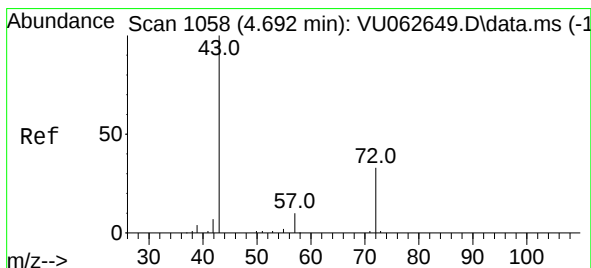
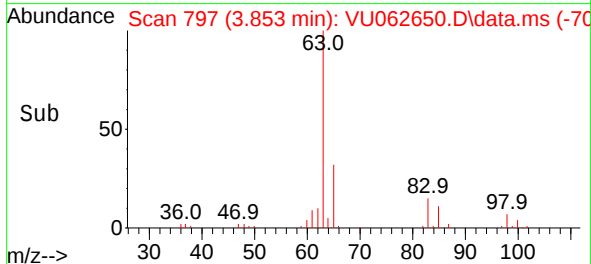
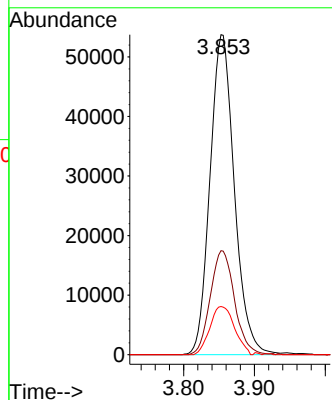
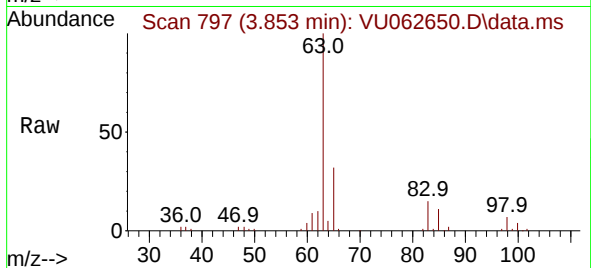




#19
1,1-Dichloroethane
Concen: 9.543 ug/L
RT: 3.853 min Scan# 798
Delta R.T. -0.003 min
Lab File: VU062650.D
Acq: 02 Jan 2025 11:40

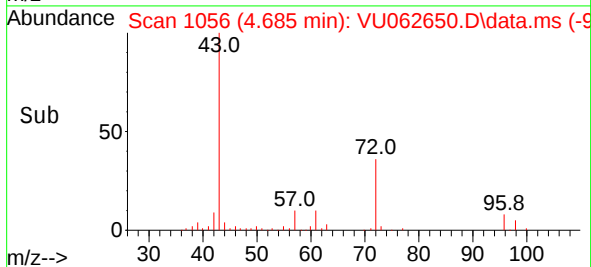
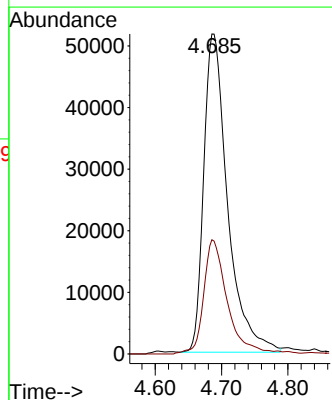
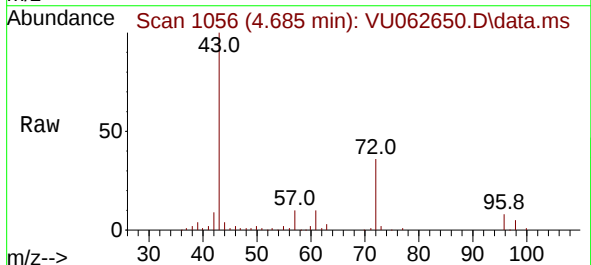
Instrument :
MSVOA_U
ClientSampleId :

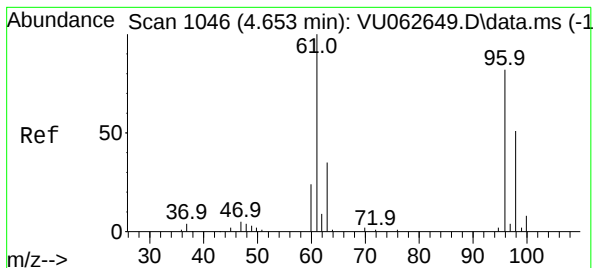
Tgt Ion: 63 Resp: 128294
Ion Ratio Lower Upper
63 100
65 32.5 20.7 38.5
83 15.1 10.5 19.5



#21
2-Butanone
Concen: 97.892 ug/L
RT: 4.685 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VU062650.D
Acq: 02 Jan 2025 11:40

Tgt Ion: 43 Resp: 129070
Ion Ratio Lower Upper
43 100
72 35.2 17.1 51.2





#22

cis-1,2-Dichloroethene

Concen: 9.703 ug/L

RT: 4.653 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU062650.D

Acq: 02 Jan 2025 11:40

Instrument :

MSVOA_U

ClientSampleId :

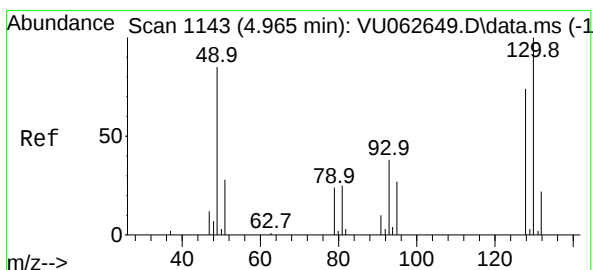
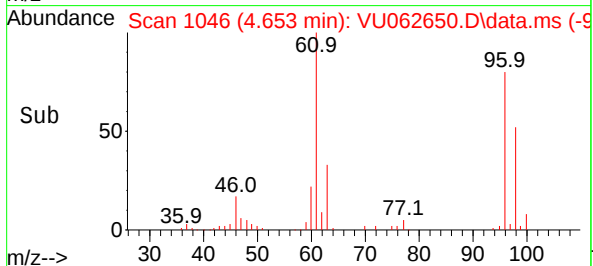
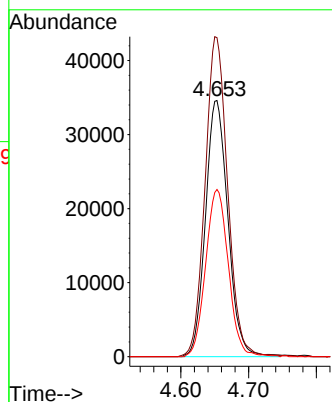
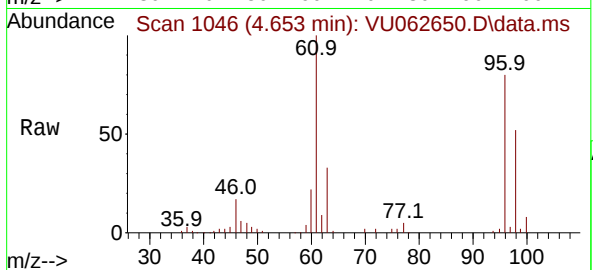
Tgt Ion: 96 Resp: 79727

Ion Ratio Lower Upper

96 100

61 124.5 84.8 157.6

98 65.3 43.1 80.1



#23

Bromochloromethane

Concen: 10.488 ug/L

RT: 4.959 min Scan# 1141

Delta R.T. -0.006 min

Lab File: VU062650.D

Acq: 02 Jan 2025 11:40

Tgt Ion: 128 Resp: 38024

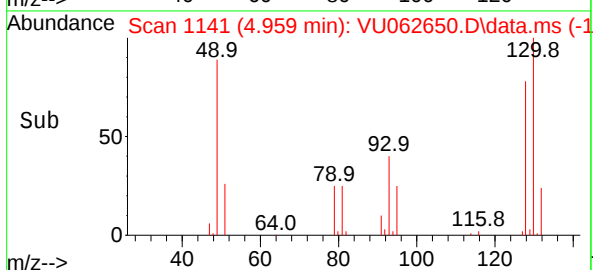
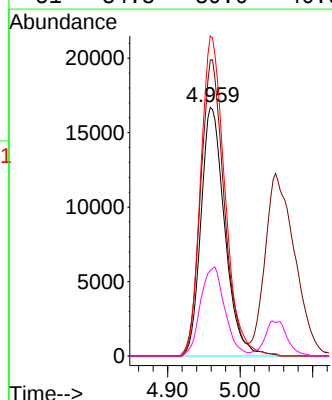
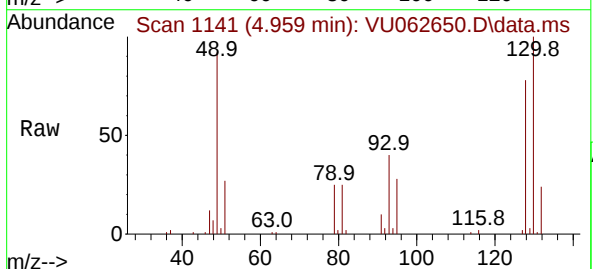
Ion Ratio Lower Upper

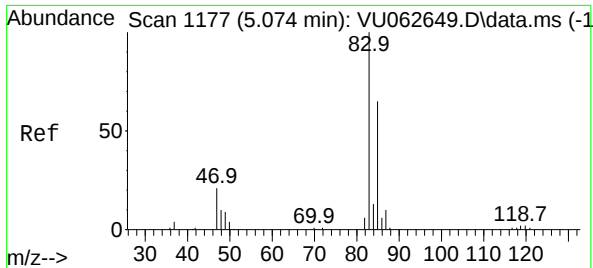
128 100

49 119.0 81.1 150.7

130 128.7 94.9 176.3

51 34.3 30.6 46.0





#25

Chloroform

Concen: 10.381 ug/L

RT: 5.074 min Scan# 1177

Delta R.T. 0.000 min

Lab File: VU062650.D

Acq: 02 Jan 2025 11:40

Instrument :

MSVOA_U

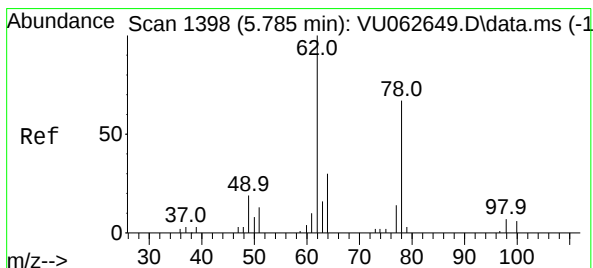
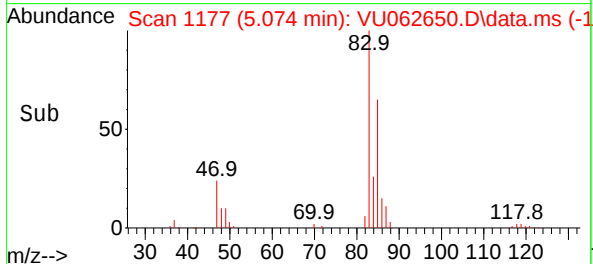
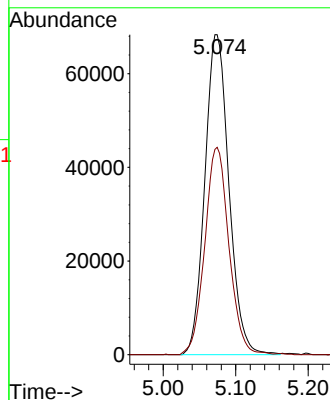
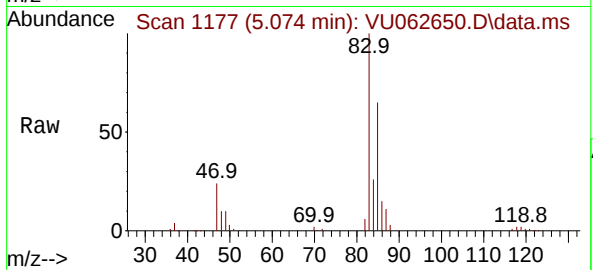
ClientSampleId :

Tgt Ion: 83 Resp: 157810

Ion Ratio Lower Upper

83 100

85 64.8 45.8 85.2



#27

1,2-Dichloroethane

Concen: 10.602 ug/L

RT: 5.782 min Scan# 1397

Delta R.T. -0.003 min

Lab File: VU062650.D

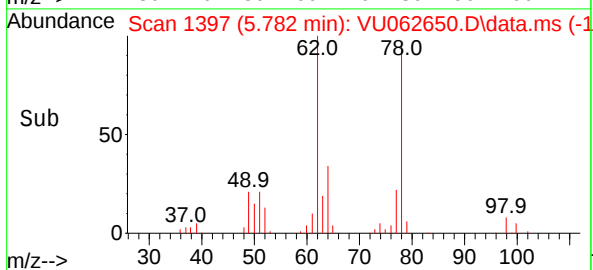
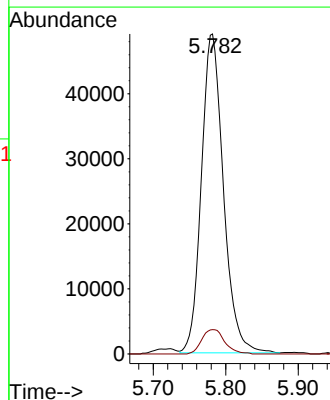
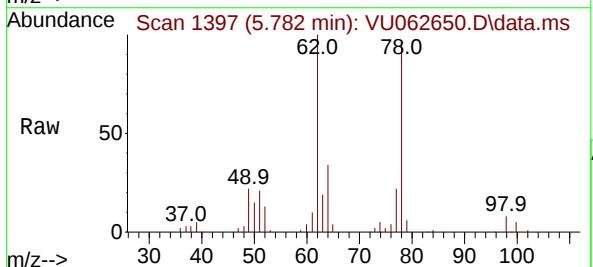
Acq: 02 Jan 2025 11:40

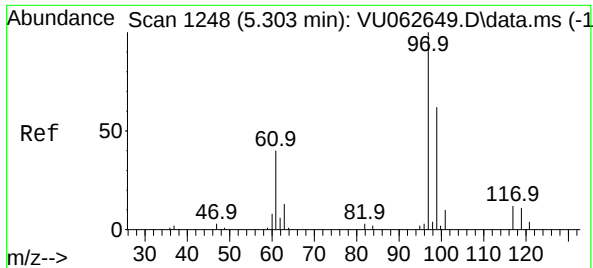
Tgt Ion: 62 Resp: 103510

Ion Ratio Lower Upper

62 100

98 7.6 5.8 8.6

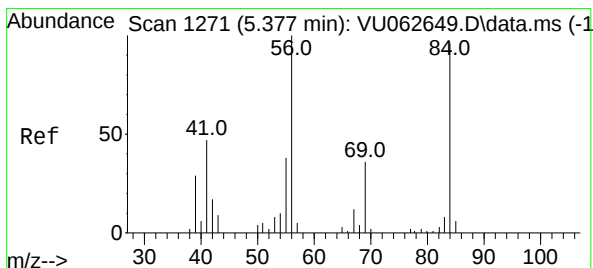
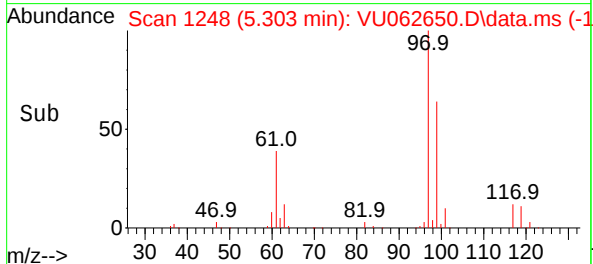
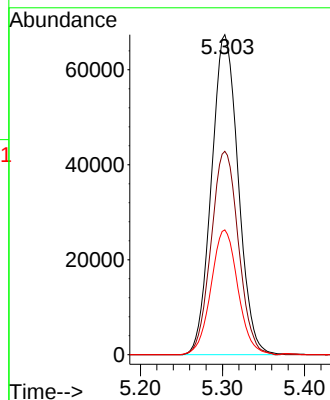
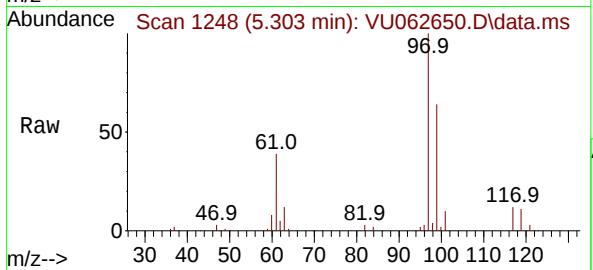




#29
1,1,1-Trichloroethane
Concen: 10.803 ug/L
RT: 5.303 min Scan# 1248
Delta R.T. 0.000 min
Lab File: VU062650.D
Acq: 02 Jan 2025 11:40

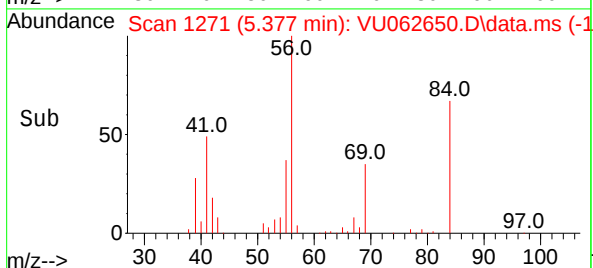
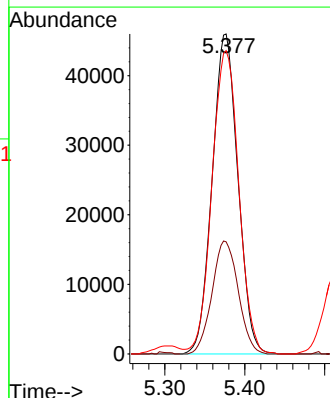
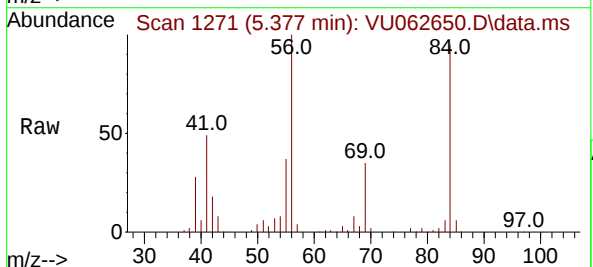
Instrument :
MSVOA_U
ClientSampleId :

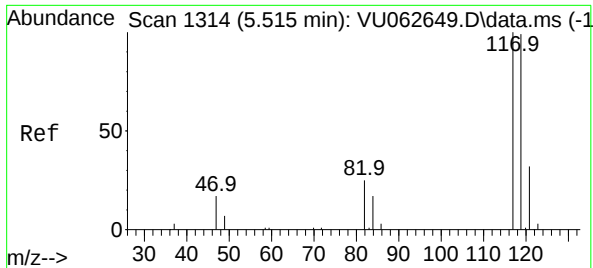
Tgt Ion: 97 Resp: 152998
Ion Ratio Lower Upper
97 100
99 64.9 52.4 78.6
61 39.2 32.2 48.4



#30
Cyclohexane
Concen: 9.169 ug/L
RT: 5.377 min Scan# 1271
Delta R.T. 0.000 min
Lab File: VU062650.D
Acq: 02 Jan 2025 11:40

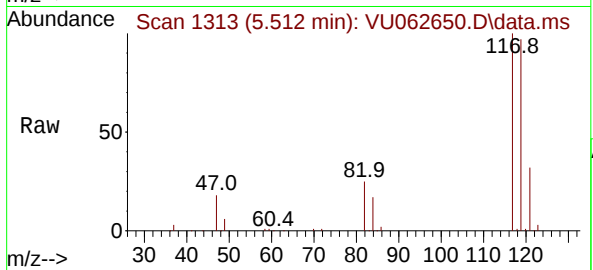
Tgt Ion: 56 Resp: 102638
Ion Ratio Lower Upper
56 100
69 36.0 28.3 42.5
84 99.0 76.5 114.7



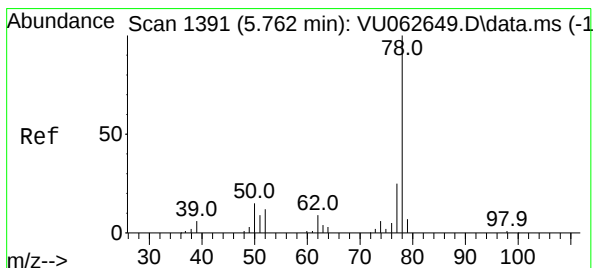
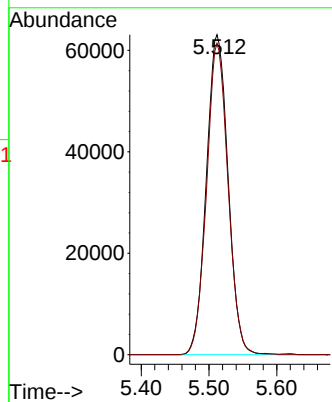
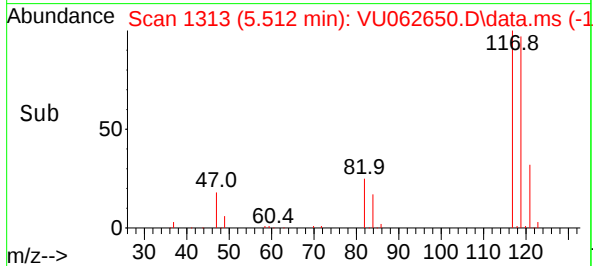


#31
Carbon tetrachloride
Concen: 10.785 ug/L
RT: 5.512 min Scan# 1314
Delta R.T. -0.003 min
Lab File: VU062650.D
Acq: 02 Jan 2025 11:40

Instrument :
MSVOA_U
ClientSampleId :

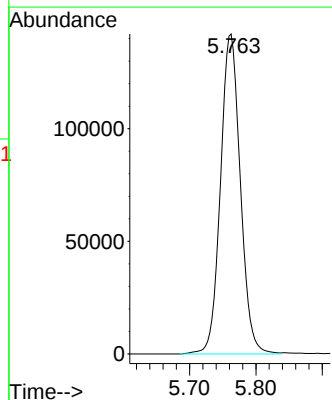
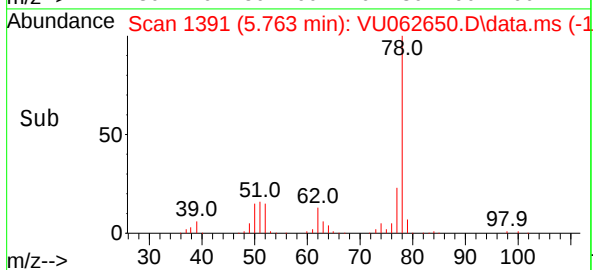
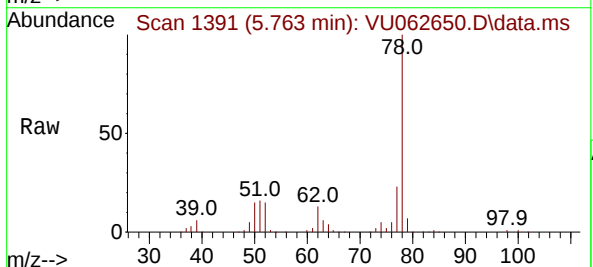


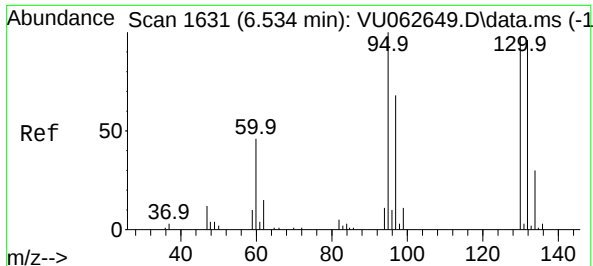
Tgt Ion:117 Resp: 140474
Ion Ratio Lower Upper
117 100
119 96.0 78.6 118.0



#33
Benzene
Concen: 9.661 ug/L
RT: 5.763 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VU062650.D
Acq: 02 Jan 2025 11:40

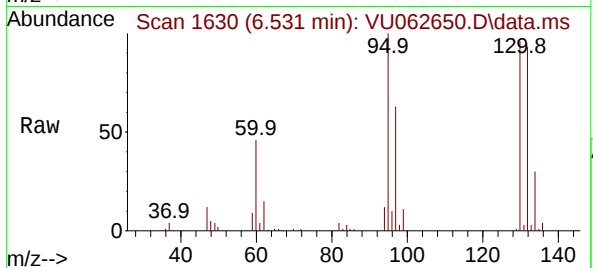
Tgt Ion: 78 Resp: 295440



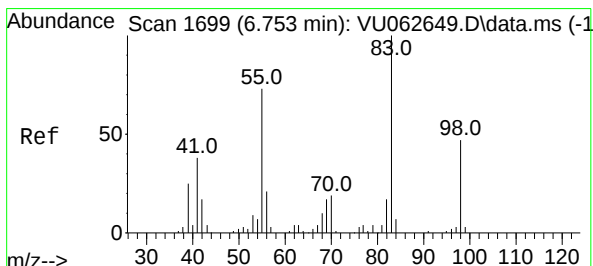
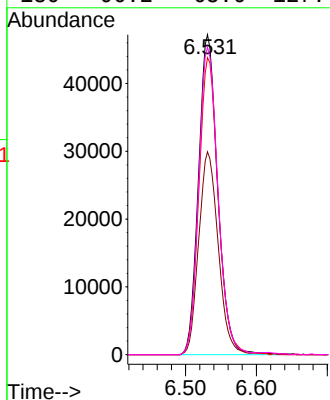
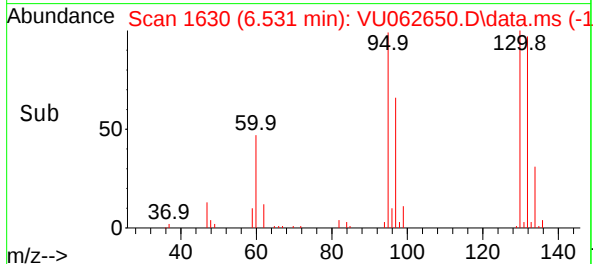


#34
Trichloroethene
Concen: 10.035 ug/L
RT: 6.531 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU062650.D
Acq: 02 Jan 2025 11:40

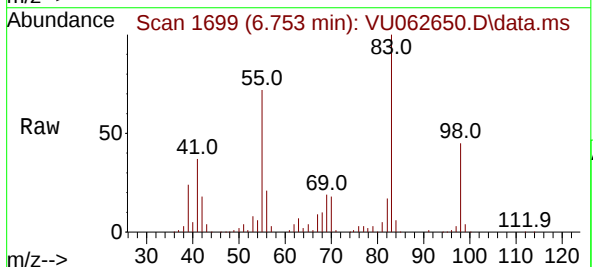
Instrument :
MSVOA_U
ClientSampleId :



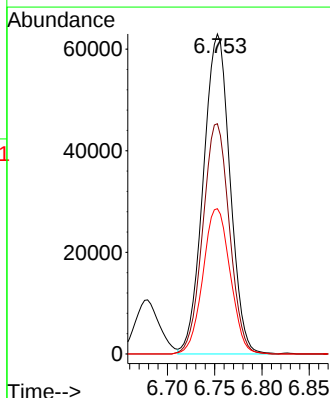
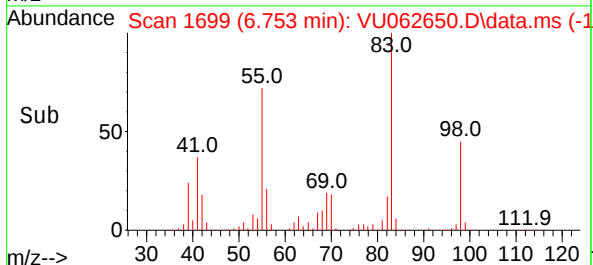
Tgt Ion: 95 Resp: 89020
Ion Ratio Lower Upper
95 100
97 63.4 47.5 88.3
132 92.8 66.9 124.3
130 96.2 68.6 127.4

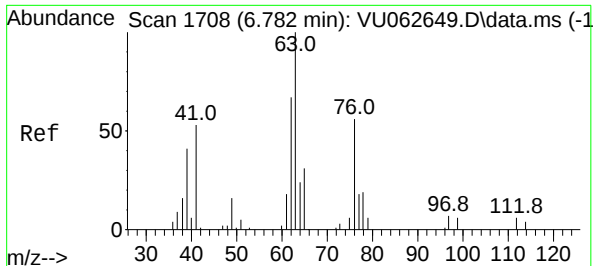


#35
Methylcyclohexane
Concen: 9.600 ug/L
RT: 6.753 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VU062650.D
Acq: 02 Jan 2025 11:40



Tgt Ion: 83 Resp: 123768
Ion Ratio Lower Upper
83 100
55 71.6 57.2 85.8
98 46.3 36.6 55.0

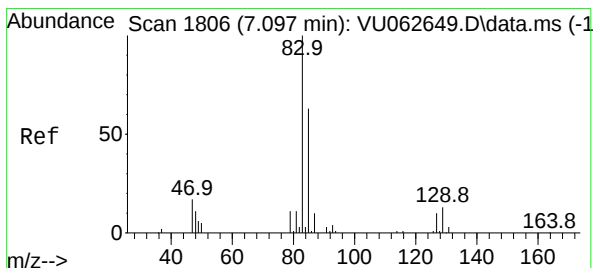
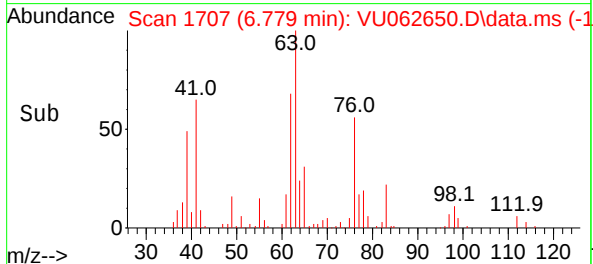
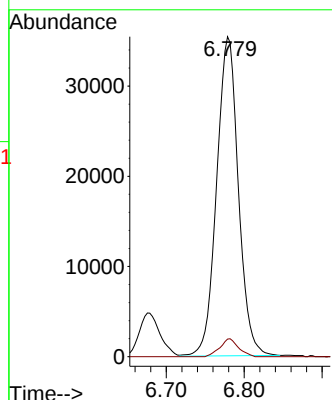
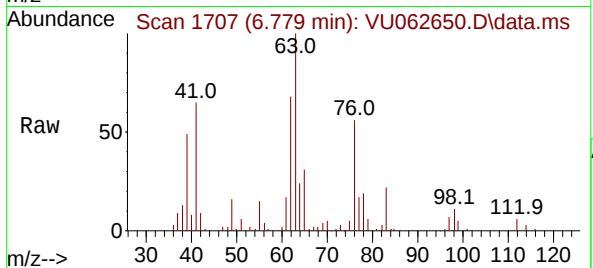




#37
1,2-Dichloropropane
Concen: 9.328 ug/L
RT: 6.779 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU062650.D
Acq: 02 Jan 2025 11:40

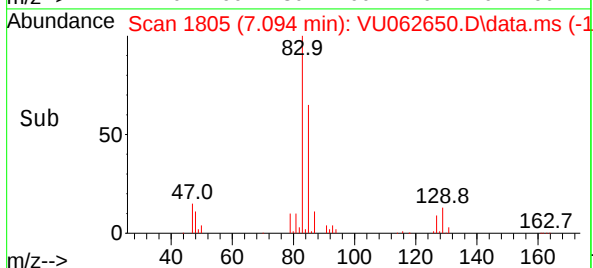
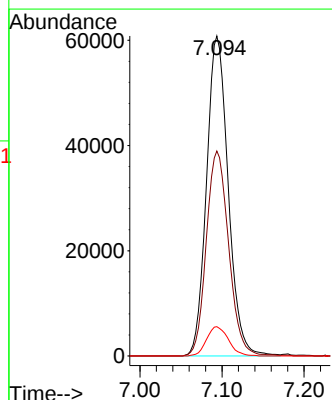
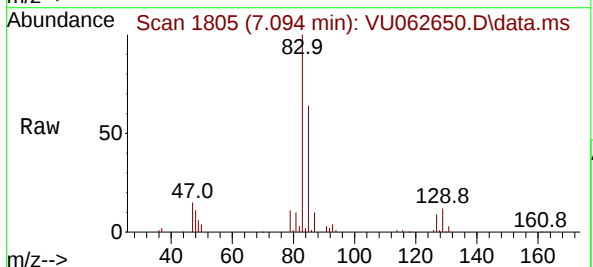
Instrument :
MSVOA_U
ClientSampleId :

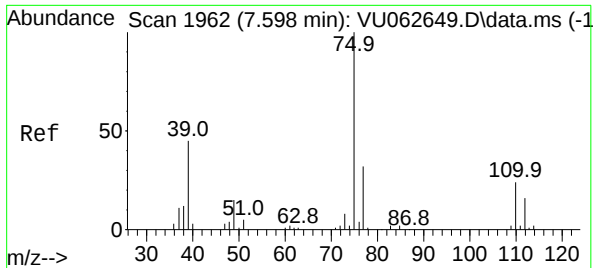
Tgt Ion: 63 Resp: 68594
Ion Ratio Lower Upper
63 100
112 4.8 3.8 5.8



#38
Bromodichloromethane
Concen: 10.492 ug/L
RT: 7.094 min Scan# 1805
Delta R.T. -0.003 min
Lab File: VU062650.D
Acq: 02 Jan 2025 11:40

Tgt Ion: 83 Resp: 111902
Ion Ratio Lower Upper
83 100
85 64.1 44.2 82.0
127 9.1 7.8 11.8

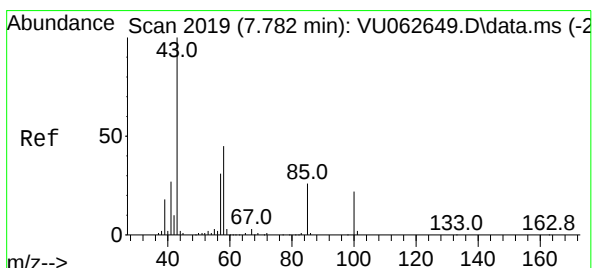
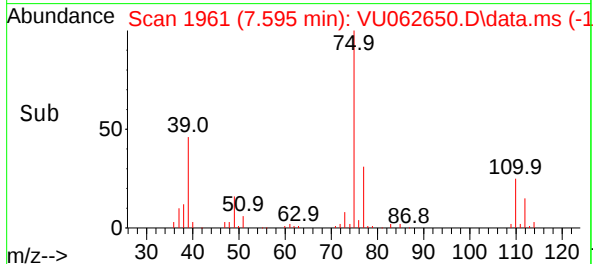
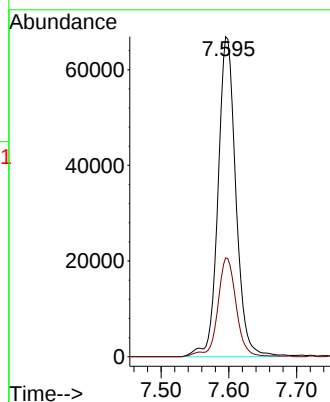
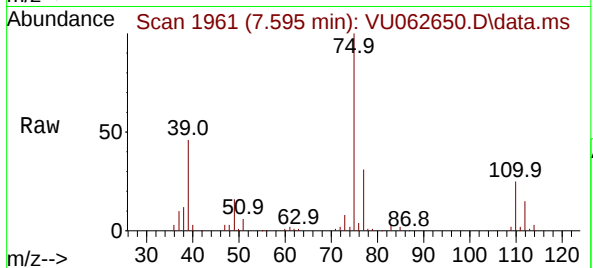




#39
 cis-1,3-Dichloropropene
 Concen: 10.186 ug/L
 RT: 7.595 min Scan# 1962
 Delta R.T. -0.003 min
 Lab File: VU062650.D
 Acq: 02 Jan 2025 11:40

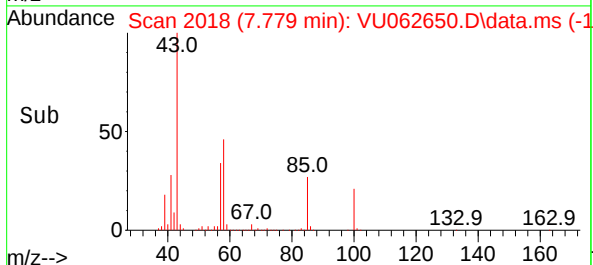
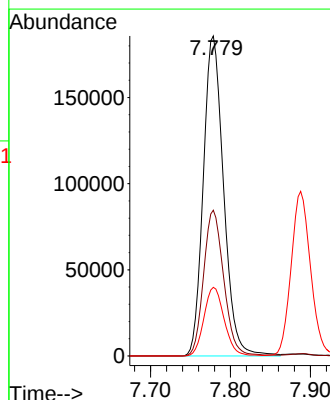
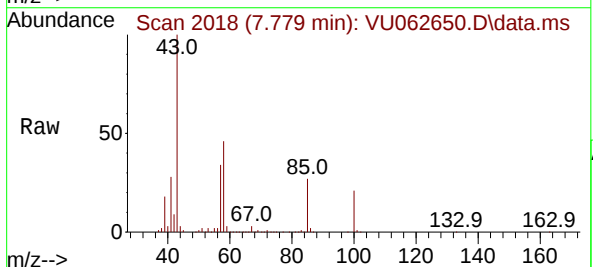
Instrument :
 MSVOA_U
 ClientSampleId :

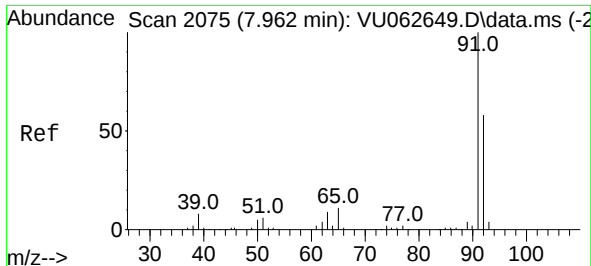
Tgt Ion: 75 Resp: 122405
 Ion Ratio Lower Upper
 75 100
 77 30.9 22.3 41.3



#40
 4-Methyl-2-pentanone
 Concen: 95.502 ug/L
 RT: 7.779 min Scan# 2018
 Delta R.T. -0.003 min
 Lab File: VU062650.D
 Acq: 02 Jan 2025 11:40

Tgt Ion: 43 Resp: 328675
 Ion Ratio Lower Upper
 43 100
 58 45.3 35.8 53.8
 100 21.4 16.8 25.2





#42

Toluene

Concen: 9.946 ug/L

RT: 7.959 min Scan# 2074

Delta R.T. -0.003 min

Lab File: VU062650.D

Acq: 02 Jan 2025 11:40

Instrument :

MSVOA_U

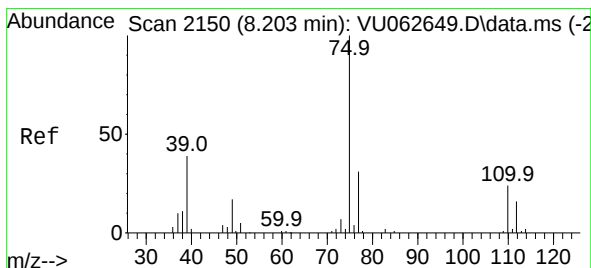
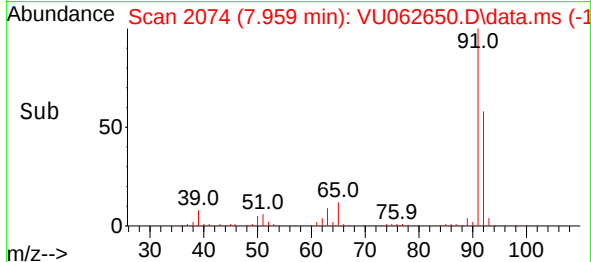
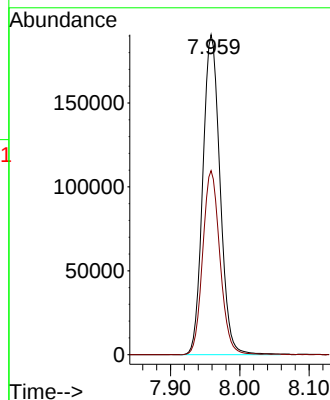
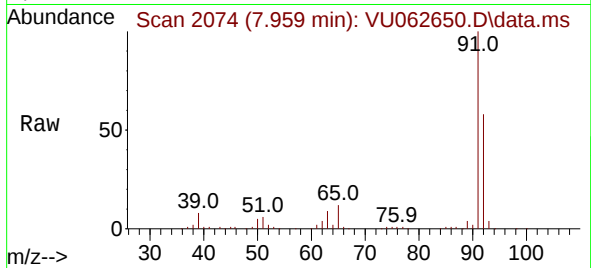
ClientSampleId :

Tgt Ion: 91 Resp: 329303

Ion Ratio Lower Upper

91 100

92 57.5 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 10.887 ug/L

RT: 8.200 min Scan# 2149

Delta R.T. -0.003 min

Lab File: VU062650.D

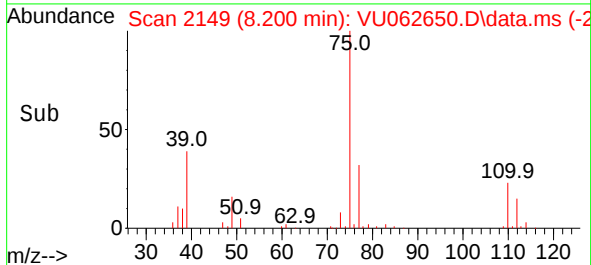
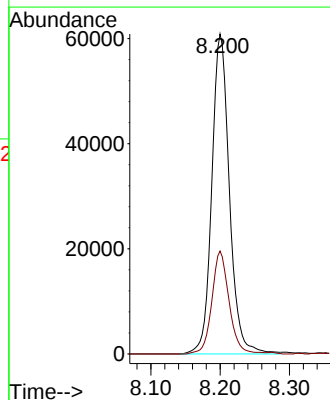
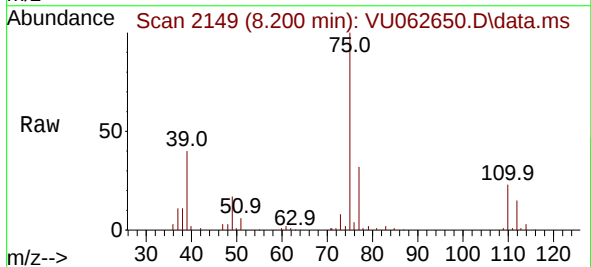
Acq: 02 Jan 2025 11:40

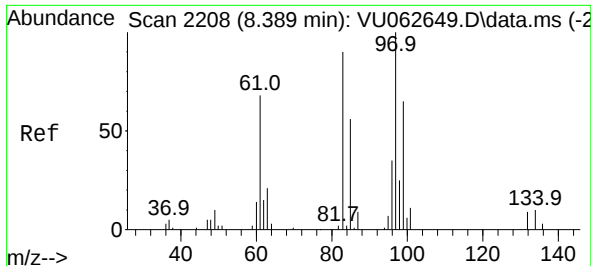
Tgt Ion: 75 Resp: 107343

Ion Ratio Lower Upper

75 100

77 32.1 21.8 40.6





#45

1,1,2-Trichloroethane

Concen: 10.097 ug/L

RT: 8.389 min Scan# 2208

Delta R.T. 0.000 min

Lab File: VU062650.D

Acq: 02 Jan 2025 11:40

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 97 Resp: 56575

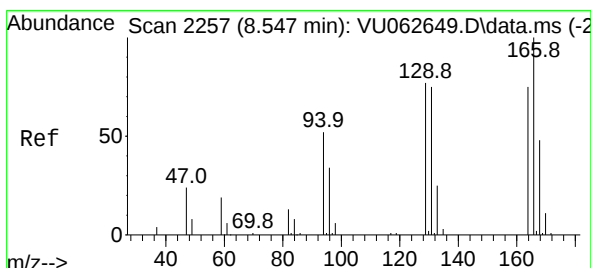
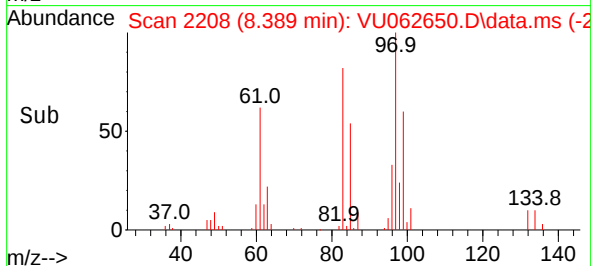
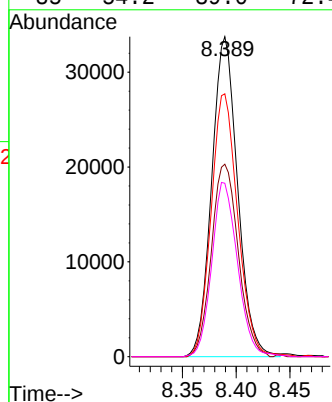
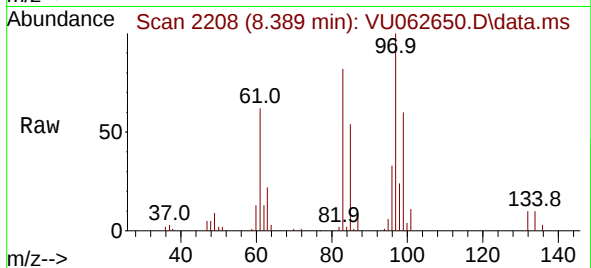
Ion Ratio Lower Upper

97 100

99 60.2 45.6 84.6

83 82.2 63.0 117.0

85 54.2 39.0 72.4



#47

Tetrachloroethene

Concen: 10.141 ug/L

RT: 8.544 min Scan# 2256

Delta R.T. -0.003 min

Lab File: VU062650.D

Acq: 02 Jan 2025 11:40

Tgt Ion:164 Resp: 68610

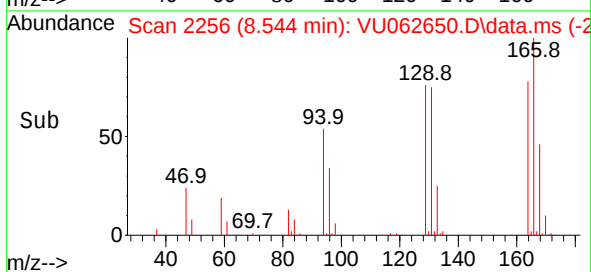
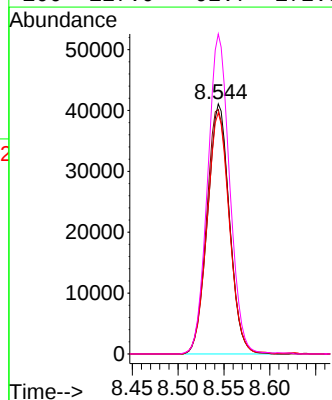
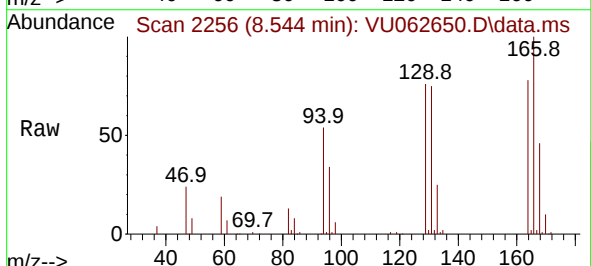
Ion Ratio Lower Upper

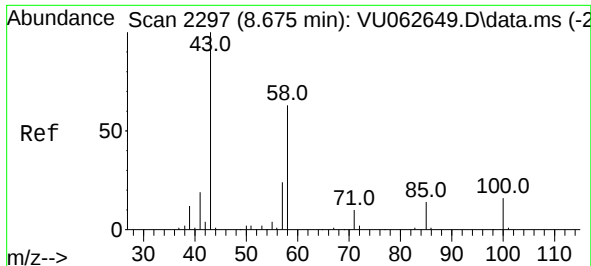
164 100

129 97.8 71.0 131.9

131 96.5 69.4 129.0

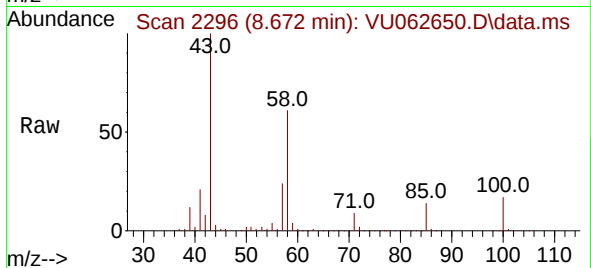
166 127.9 92.7 172.3



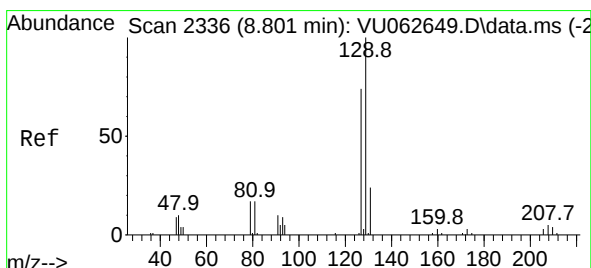
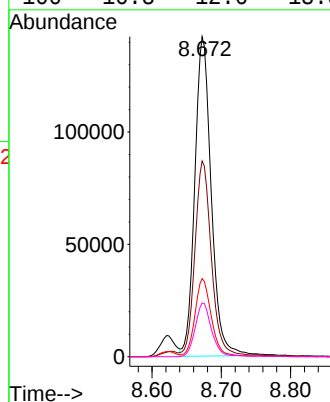
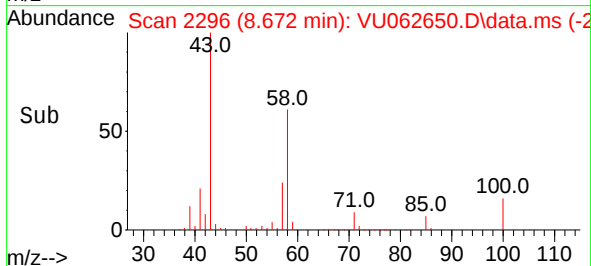


#48
2-Hexanone
Concen: 93.771 ug/L
RT: 8.672 min Scan# 2297
Delta R.T. -0.003 min
Lab File: VU062650.D
Acq: 02 Jan 2025 11:40

Instrument :
MSVOA_U
ClientSampleId :

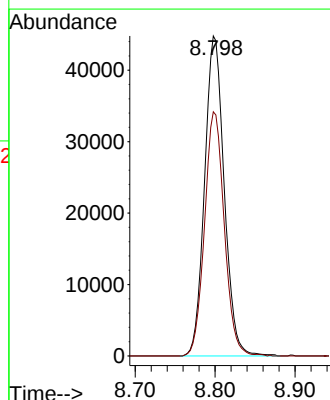
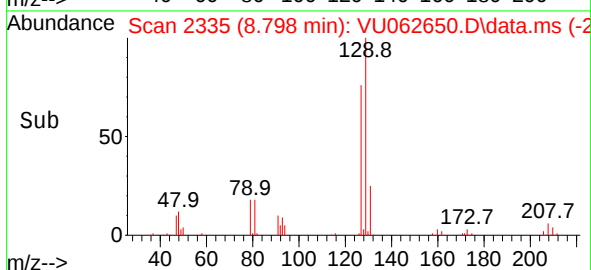
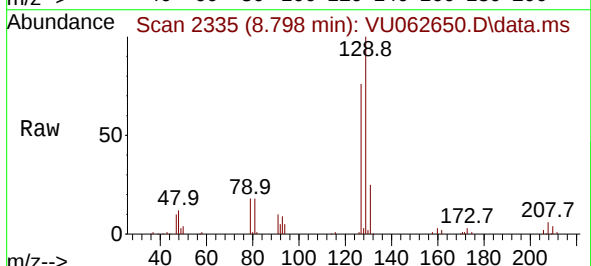


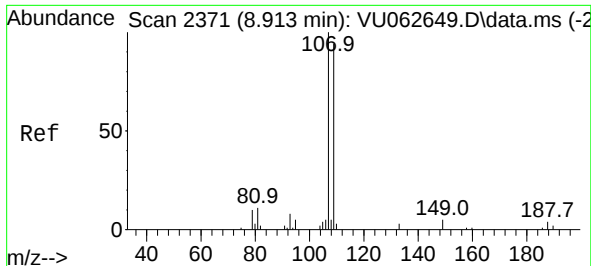
Tgt Ion:	43	Resp:	236411
Ion Ratio	100	Lower	Upper
58	60.1	50.2	75.4
57	23.8	19.9	29.9
100	16.8	12.6	18.8



#49
Dibromochloromethane
Concen: 11.038 ug/L
RT: 8.798 min Scan# 2335
Delta R.T. -0.003 min
Lab File: VU062650.D
Acq: 02 Jan 2025 11:40

Tgt Ion:	129	Resp:	76536
Ion Ratio	100	Lower	Upper
127	76.3	52.1	96.9





#50

1,2-Dibromoethane

Concen: 10.185 ug/L

RT: 8.914 min Scan# 2371

Delta R.T. 0.000 min

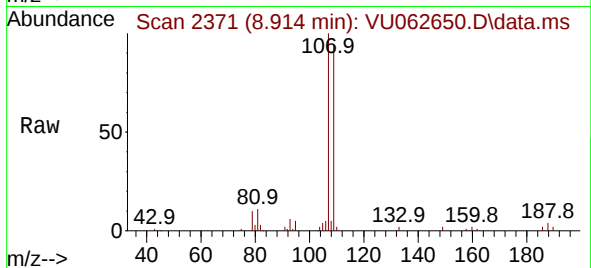
Lab File: VU062650.D

Acq: 02 Jan 2025 11:40

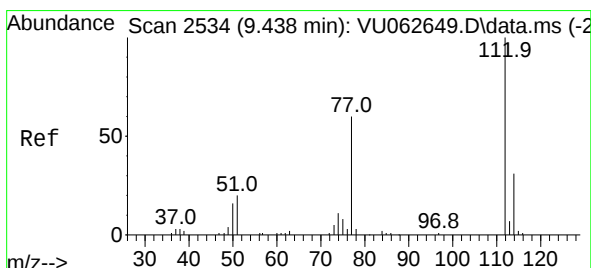
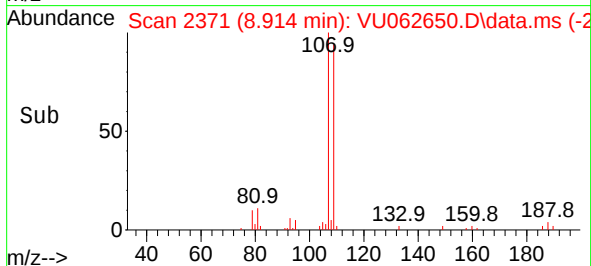
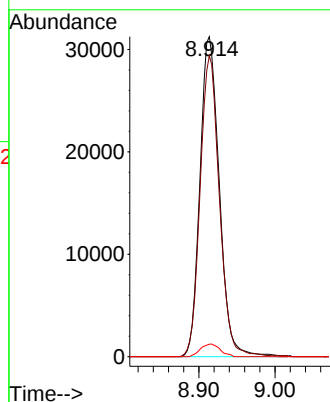
Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:	107	Resp:	55261
Ion	Ratio	Lower	Upper
107	100		
109	94.1	65.7	121.9
188	3.9	3.4	5.2



#51

Chlorobenzene

Concen: 9.858 ug/L

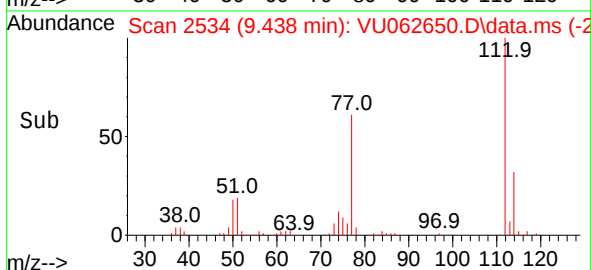
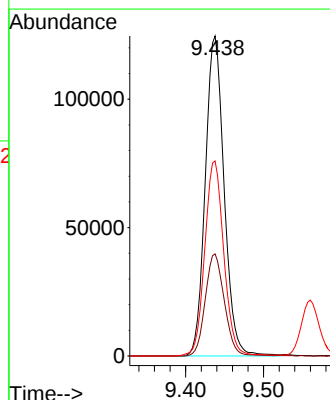
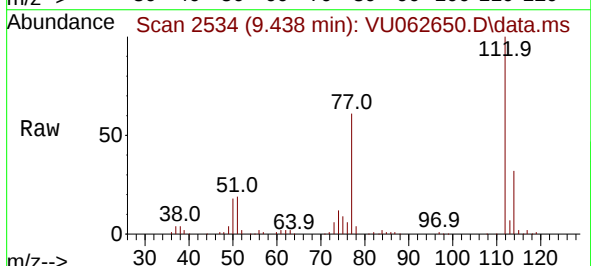
RT: 9.438 min Scan# 2534

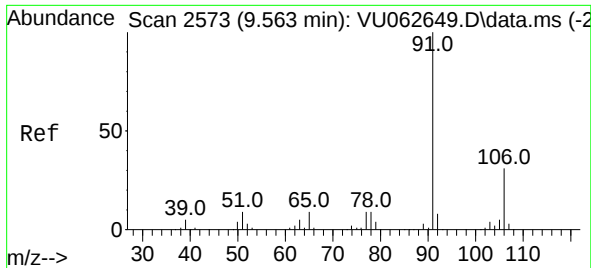
Delta R.T. 0.000 min

Lab File: VU062650.D

Acq: 02 Jan 2025 11:40

Tgt Ion:	112	Resp:	209545
Ion	Ratio	Lower	Upper
112	100		
114	31.9	21.7	40.3
77	60.9	48.6	73.0

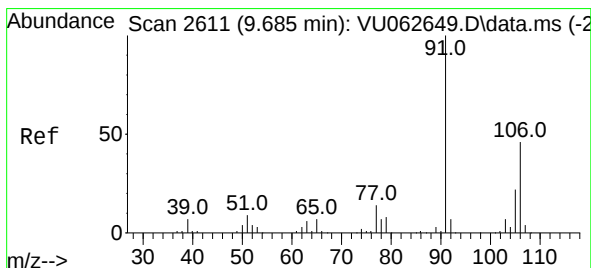
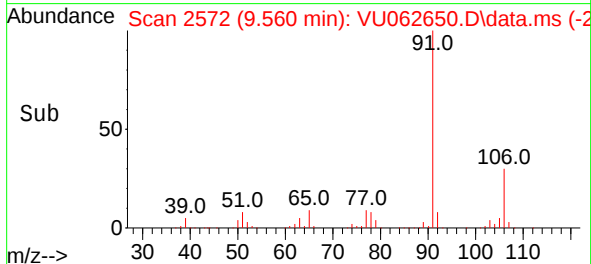
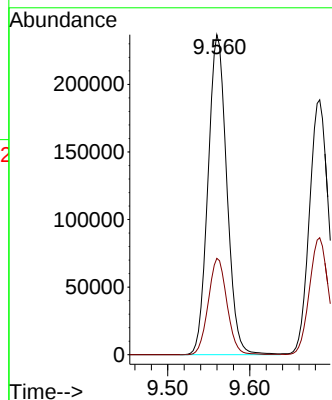
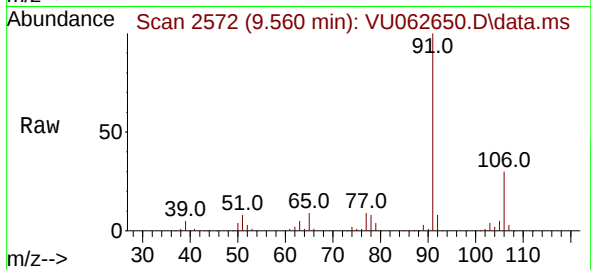




#52
Ethylbenzene
Concen: 10.159 ug/L
RT: 9.560 min Scan# 2572
Delta R.T. -0.003 min
Lab File: VU062650.D
Acq: 02 Jan 2025 11:40

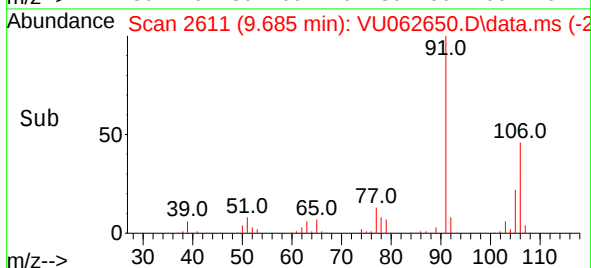
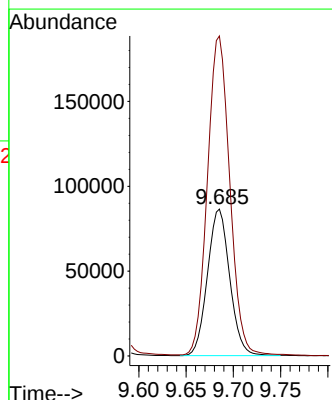
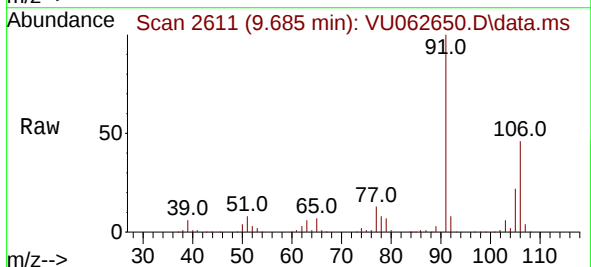
Instrument :
MSVOA_U
ClientSampleId :

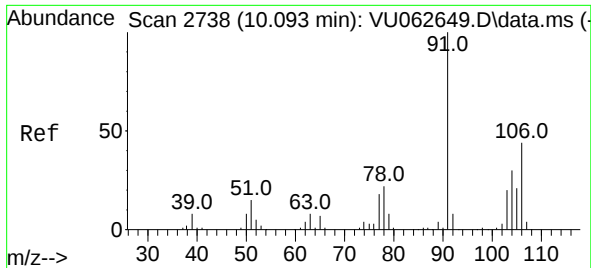
Tgt Ion: 91 Resp: 376323
Ion Ratio Lower Upper
91 100
106 30.1 21.9 40.7



#53
m,p-Xylene
Concen: 10.332 ug/L
RT: 9.685 min Scan# 2611
Delta R.T. 0.000 min
Lab File: VU062650.D
Acq: 02 Jan 2025 11:40

Tgt Ion:106 Resp: 141430
Ion Ratio Lower Upper
106 100
91 217.9 153.1 284.3

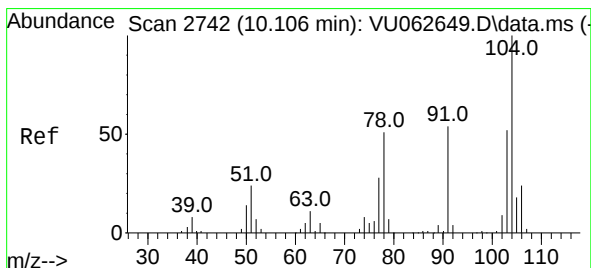
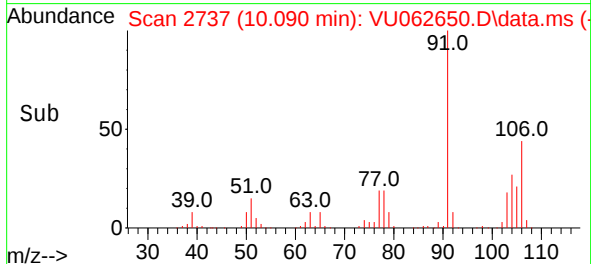
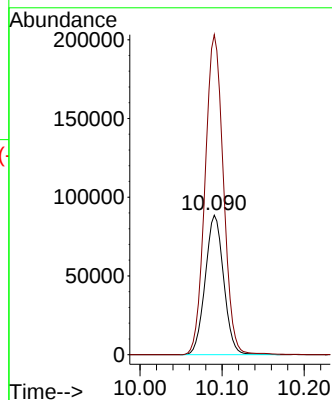
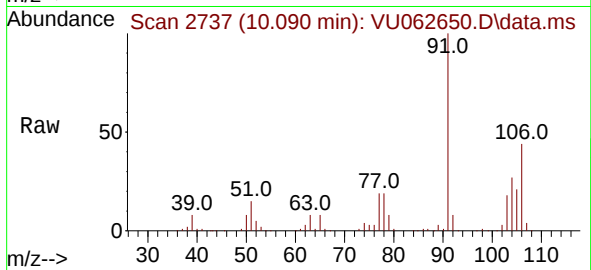




#54
o-Xylene
Concen: 10.383 ug/L
RT: 10.090 min Scan# 2737
Delta R.T. -0.003 min
Lab File: VU062650.D
Acq: 02 Jan 2025 11:40

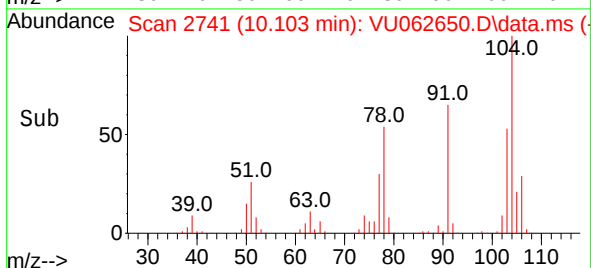
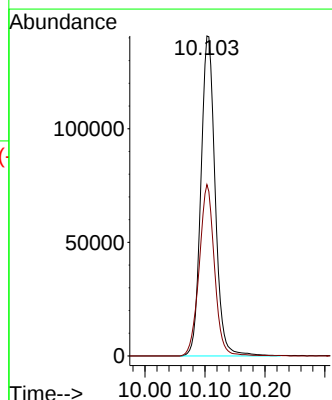
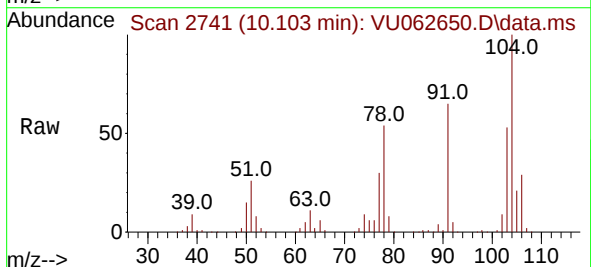
Instrument :
MSVOA_U
ClientSampleId :

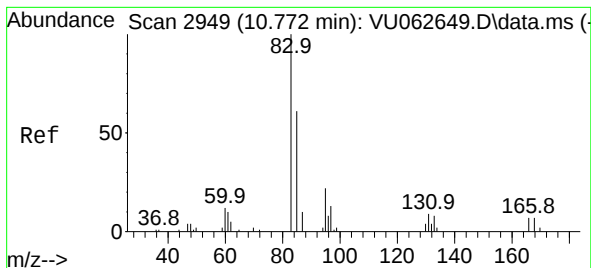
Tgt Ion:106 Resp: 138143
Ion Ratio Lower Upper
106 100
91 229.2 160.4 297.8



#55
Styrene
Concen: 10.607 ug/L
RT: 10.103 min Scan# 2741
Delta R.T. -0.003 min
Lab File: VU062650.D
Acq: 02 Jan 2025 11:40

Tgt Ion:104 Resp: 233935
Ion Ratio Lower Upper
104 100
78 53.6 35.5 65.9





#57

1,1,2,2-Tetrachloroethane

Concen: 9.914 ug/L

RT: 10.772 min Scan# 2949

Delta R.T. 0.000 min

Lab File: VU062650.D

Acq: 02 Jan 2025 11:40

Instrument :

MSVOA_U

ClientSampleId :

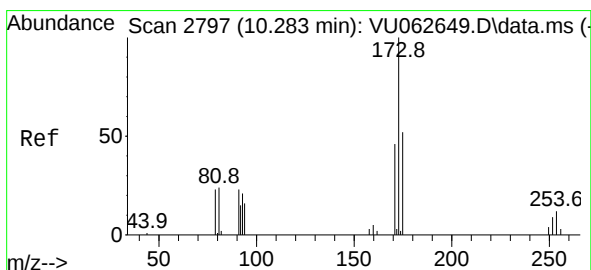
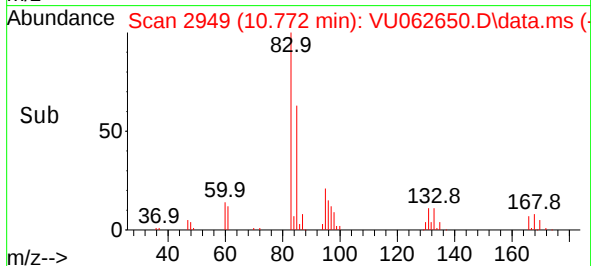
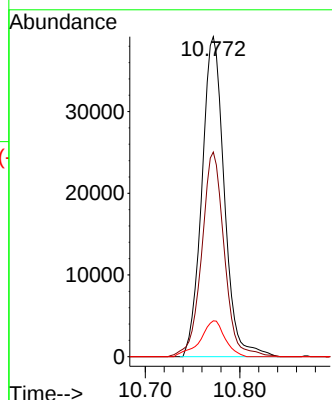
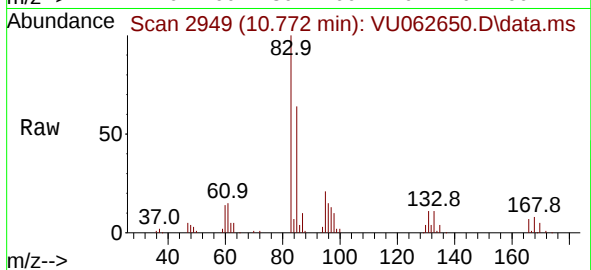
Tgt Ion: 83 Resp: 64402

Ion Ratio Lower Upper

83 100

85 64.0 43.0 79.8

131 11.2 7.4 11.0#



#59

Bromoform

Concen: 10.830 ug/L

RT: 10.280 min Scan# 2796

Delta R.T. -0.003 min

Lab File: VU062650.D

Acq: 02 Jan 2025 11:40

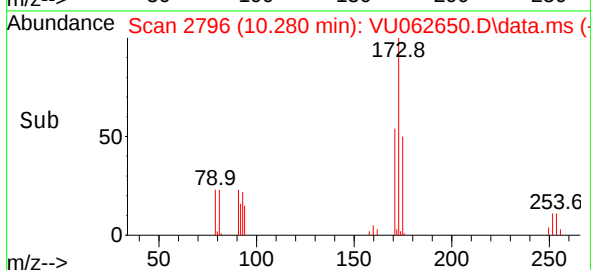
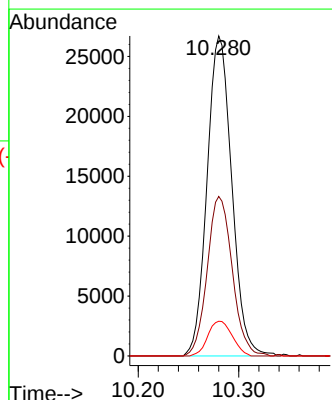
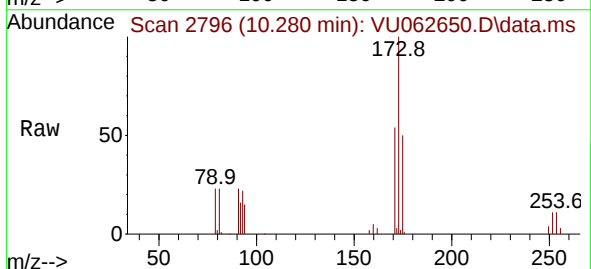
Tgt Ion:173 Resp: 45567

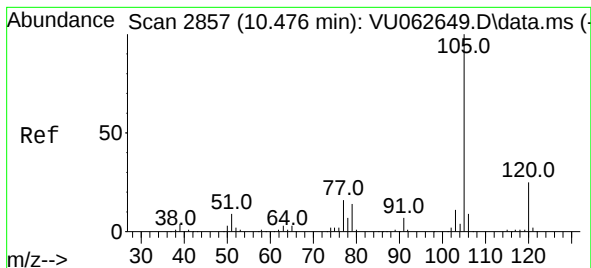
Ion Ratio Lower Upper

173 100

175 50.5 39.8 59.8

254 10.8 8.6 12.8





#60

Isopropylbenzene

Concen: 10.162 ug/L

RT: 10.473 min Scan# 2856

Delta R.T. -0.003 min

Lab File: VU062650.D

Acq: 02 Jan 2025 11:40

Instrument :

MSVOA_U

ClientSampleId :

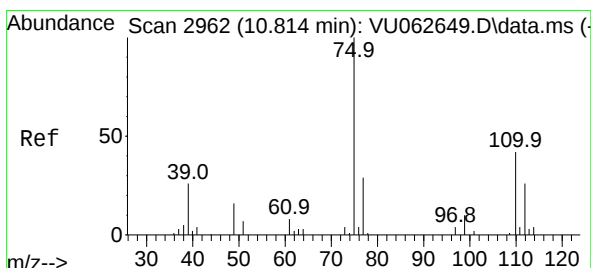
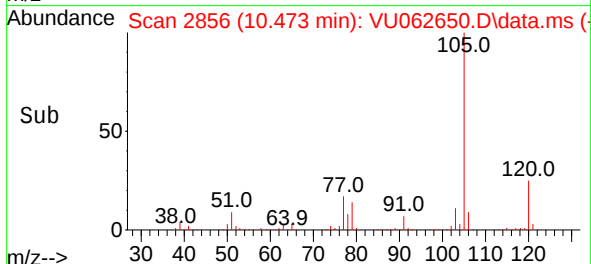
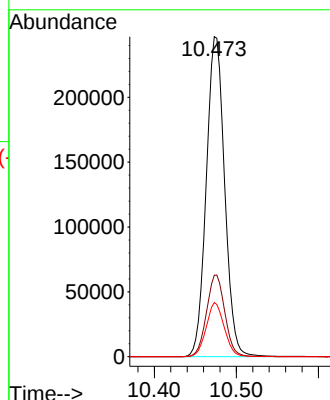
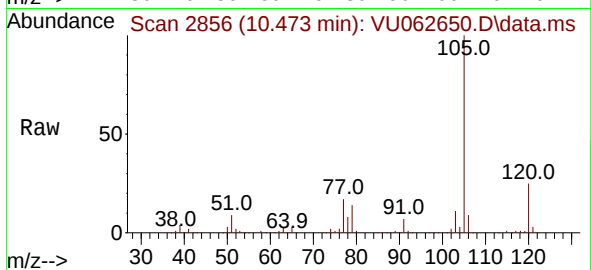
Tgt Ion:105 Resp: 384661

Ion Ratio Lower Upper

105 100

120 25.4 20.2 30.2

77 16.6 13.0 19.4



#61

1,2,3-Trichloropropane

Concen: 9.848 ug/L

RT: 10.814 min Scan# 2962

Delta R.T. 0.000 min

Lab File: VU062650.D

Acq: 02 Jan 2025 11:40

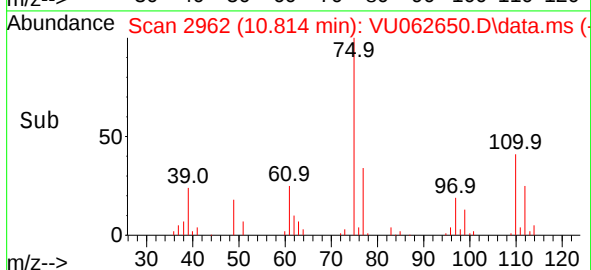
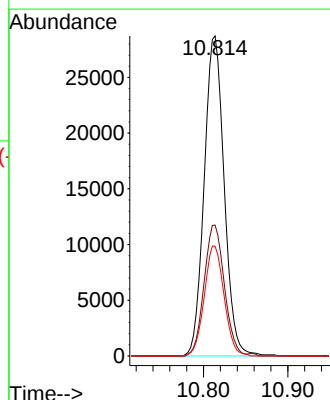
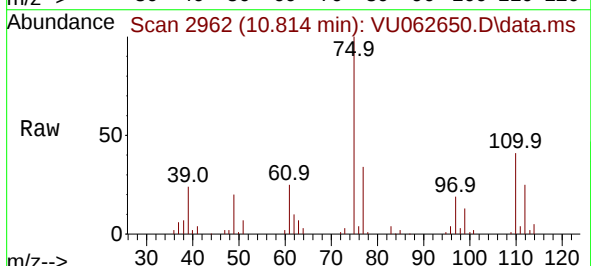
Tgt Ion: 75 Resp: 47458

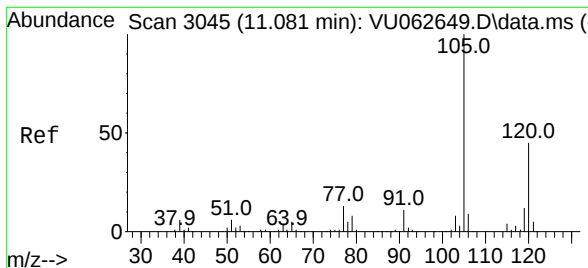
Ion Ratio Lower Upper

75 100

110 41.4 33.2 49.8

77 34.0 25.9 38.9





#62

1,3,5-Trimethylbenzene

Concen: 10.352 ug/L

RT: 11.077 min Scan# 3044

Delta R.T. -0.003 min

Lab File: VU062650.D

Acq: 02 Jan 2025 11:40

Instrument :

MSVOA_U

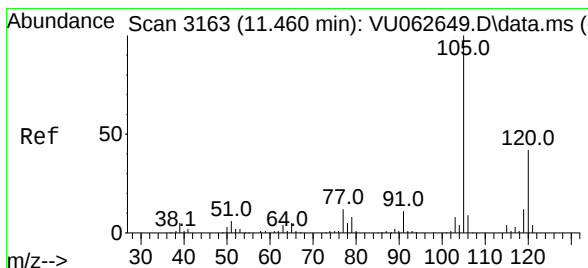
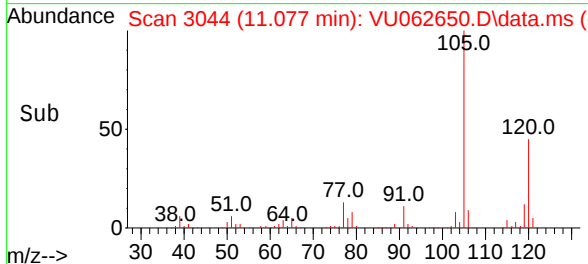
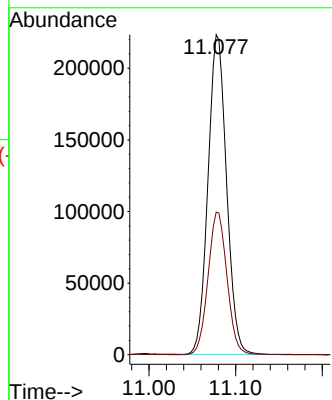
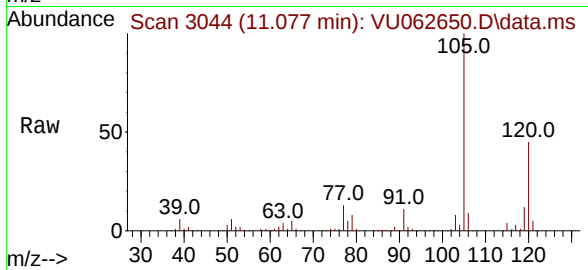
ClientSampleId :

Tgt Ion:105 Resp: 332205

Ion Ratio Lower Upper

105 100

120 45.5 35.9 53.9



#63

1,2,4-Trimethylbenzene

Concen: 10.503 ug/L

RT: 11.457 min Scan# 3162

Delta R.T. -0.003 min

Lab File: VU062650.D

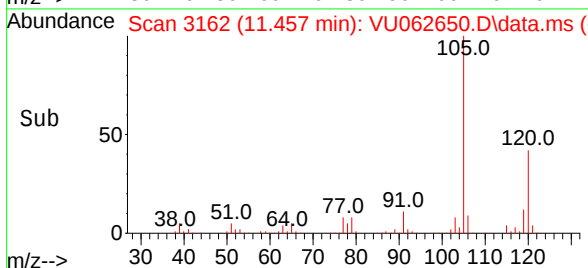
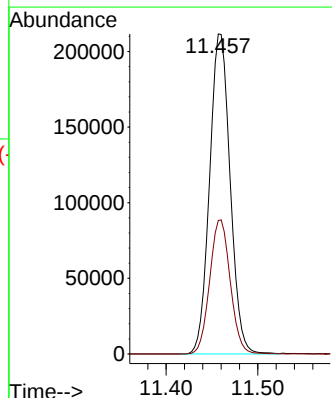
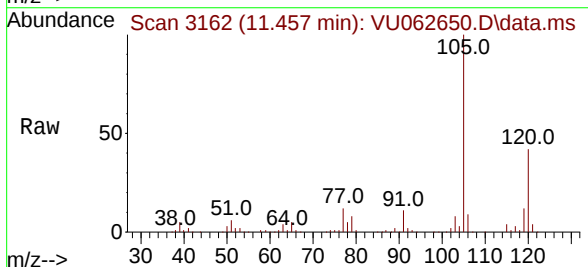
Acq: 02 Jan 2025 11:40

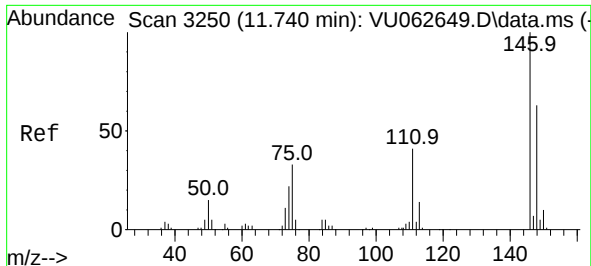
Tgt Ion:105 Resp: 329991

Ion Ratio Lower Upper

105 100

120 41.8 34.2 51.2





#64

1,3-Dichlorobenzene

Concen: 9.836 ug/L

RT: 11.737 min Scan# 3249

Delta R.T. -0.003 min

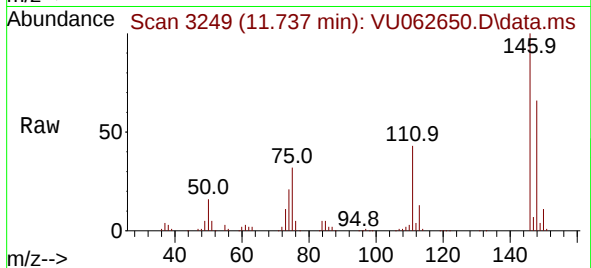
Lab File: VU062650.D

Acq: 02 Jan 2025 11:40

Instrument :

MSVOA_U

ClientSampleId :



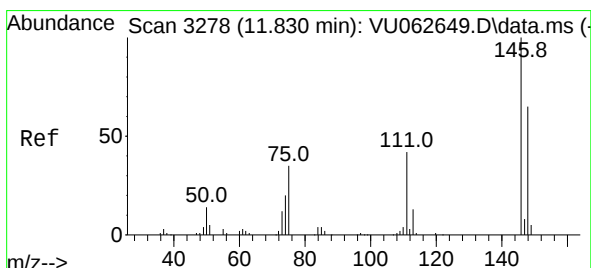
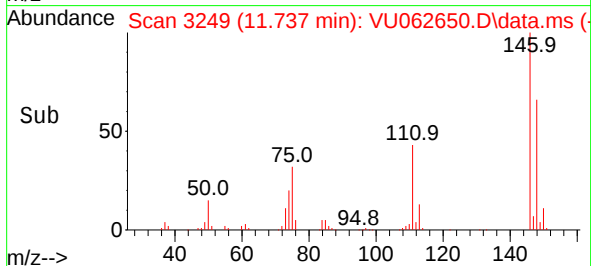
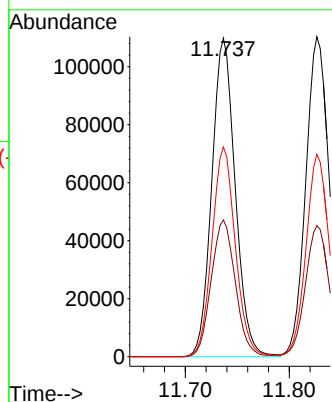
Tgt Ion:146 Resp: 171906

Ion Ratio Lower Upper

146 100

111 43.0 28.6 53.0

148 65.9 44.0 81.6



#65

1,4-Dichlorobenzene

Concen: 9.943 ug/L

RT: 11.827 min Scan# 3277

Delta R.T. -0.003 min

Lab File: VU062650.D

Acq: 02 Jan 2025 11:40

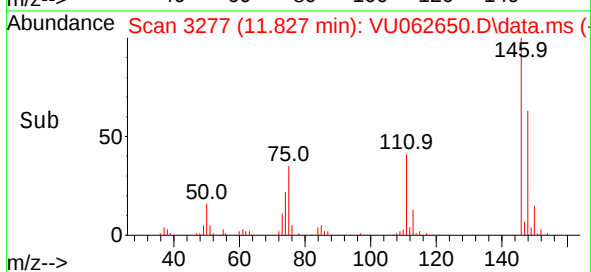
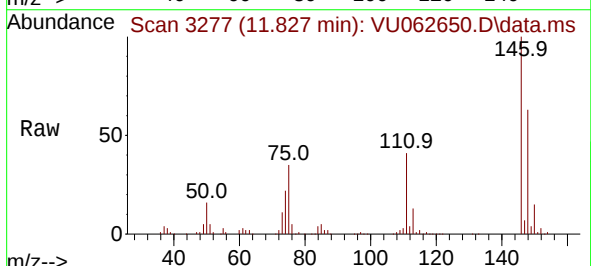
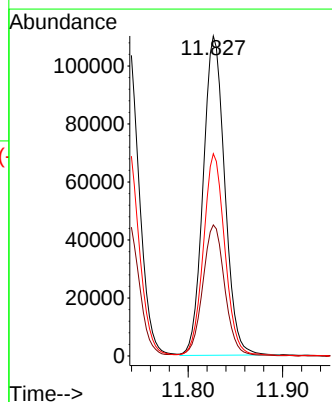
Tgt Ion:146 Resp: 174216

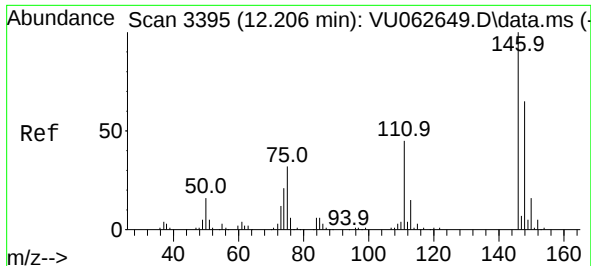
Ion Ratio Lower Upper

146 100

111 40.9 29.5 54.9

148 63.2 45.1 83.9





#67

1,2-Dichlorobenzene

Concen: 9.993 ug/L

RT: 12.203 min Scan# 3395

Delta R.T. -0.003 min

Lab File: VU062650.D

Acq: 02 Jan 2025 11:40

Instrument :

MSVOA_U

ClientSampleId :

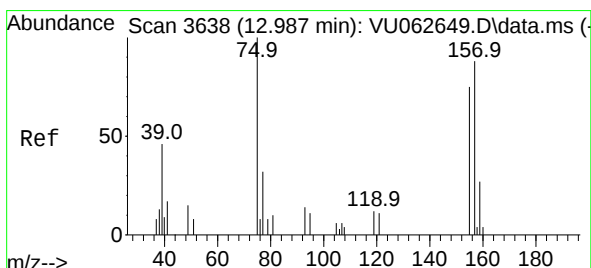
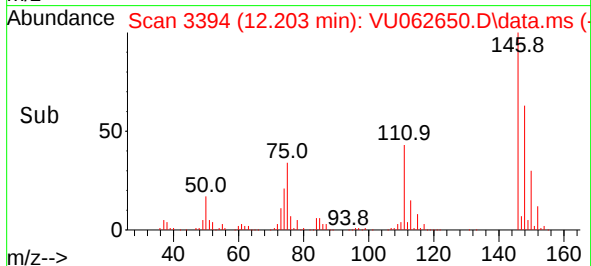
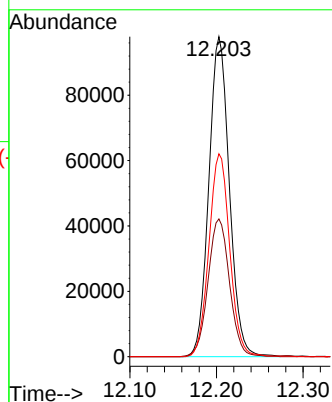
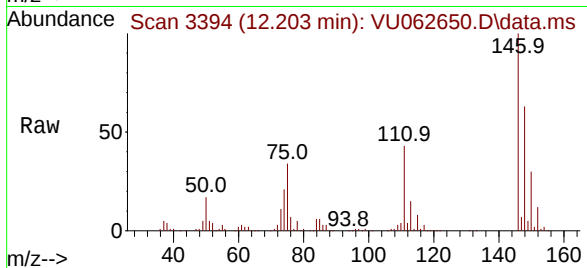
Tgt Ion:146 Resp: 161141

Ion Ratio Lower Upper

146 100

111 43.0 36.3 54.5

148 63.4 52.0 78.0



#68

1,2-Dibromo-3-chloropropane

Concen: 12.356 ug/L

RT: 12.987 min Scan# 3638

Delta R.T. 0.000 min

Lab File: VU062650.D

Acq: 02 Jan 2025 11:40

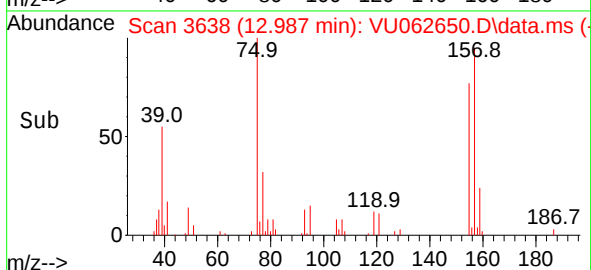
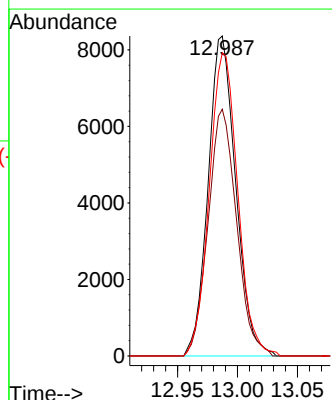
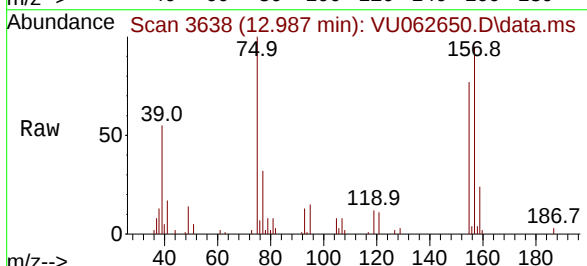
Tgt Ion: 75 Resp: 13381

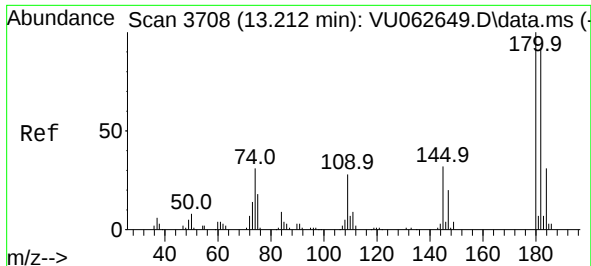
Ion Ratio Lower Upper

75 100

155 77.1 59.6 89.4

157 94.7 70.8 106.2





#69

1,3,5-Trichlorobenzene

Concen: 10.380 ug/L

RT: 13.209 min Scan# 31

Delta R.T. -0.003 min

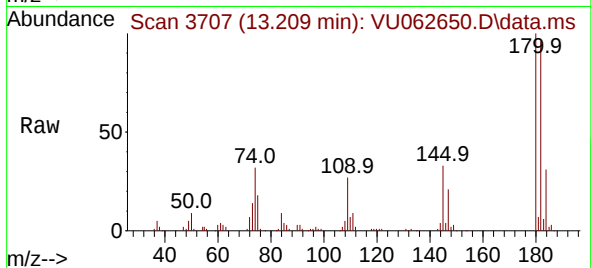
Lab File: VU062650.D

Acq: 02 Jan 2025 11:40

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 135577

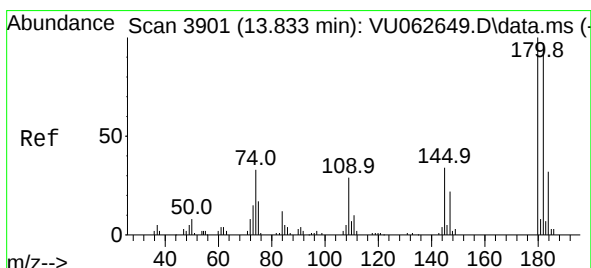
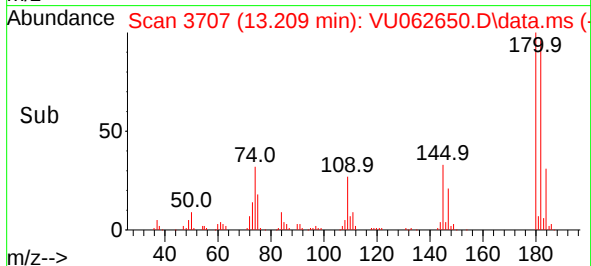
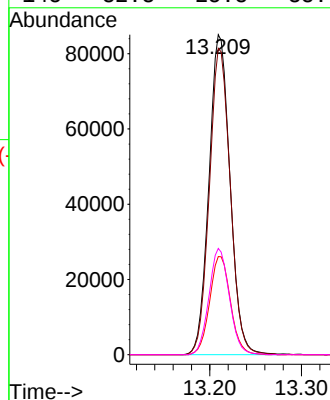
Ion Ratio Lower Upper

180 100

182 94.9 75.8 113.8

184 30.3 24.7 37.1

145 32.3 25.8 38.6



#70

1,2,4-trichlorobenzene

Concen: 10.936 ug/L

RT: 13.830 min Scan# 3900

Delta R.T. -0.003 min

Lab File: VU062650.D

Acq: 02 Jan 2025 11:40

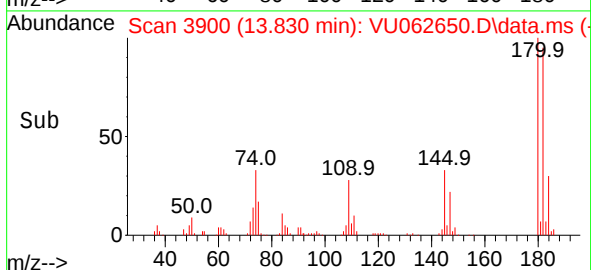
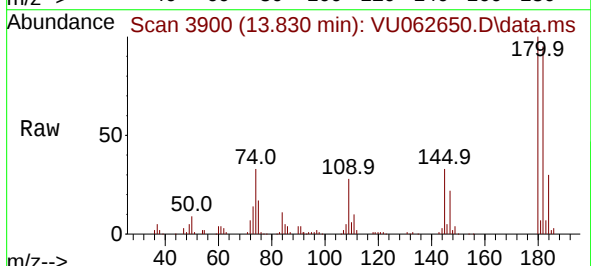
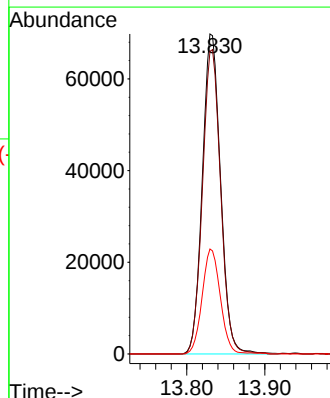
Tgt Ion:180 Resp: 113271

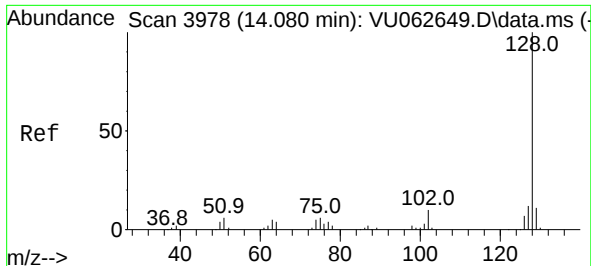
Ion Ratio Lower Upper

180 100

182 95.0 77.1 115.7

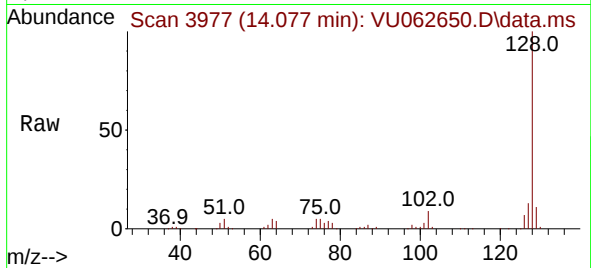
145 32.8 26.9 40.3



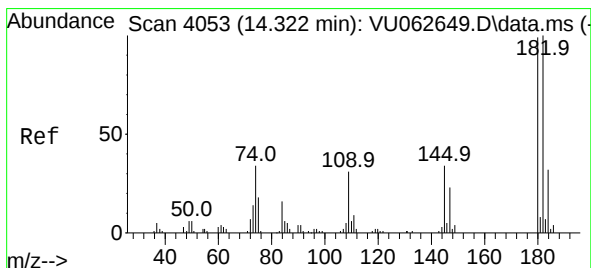
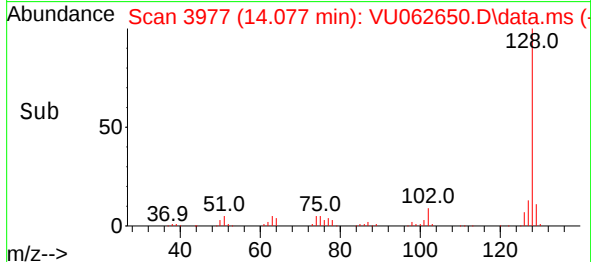
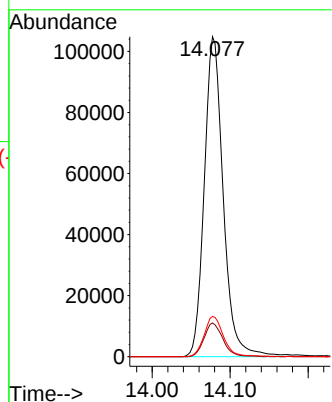


#71
Naphthalene
Concen: 11.399 ug/L
RT: 14.077 min Scan# 3977
Delta R.T. -0.003 min
Lab File: VU062650.D
Acq: 02 Jan 2025 11:40

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 176844
Ion Ratio Lower Upper
128 100
129 10.5 8.5 12.7
127 12.9 10.2 15.2



#72
1,2,3-Trichlorobenzene
Concen: 10.751 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. 0.000 min
Lab File: VU062650.D
Acq: 02 Jan 2025 11:40

Tgt Ion:180 Resp: 98049
Ion Ratio Lower Upper
180 100
182 95.1 79.8 119.6
145 35.3 29.2 43.8

