

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011325\
 Data File : VU062703.D
 Acq On : 13 Jan 2025 08:44
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 13 18:56:48 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jan 10 22:42:03 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	99334	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	91280	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	49945	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	20565	3.738	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.800%
7) Chloroethane-d5	1.904	69	19083	4.312	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.200%
11) 1,1-Dichloroethene-d2	2.557	65	11201	3.930	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.600%
20) 2-Butanone-d5	4.605	46	59527	52.941	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.880%
24) Chloroform-d	5.049	84	63617	4.700	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.000%
26) 1,2-Dichloroethane-d4	5.692	65	34832	4.744	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.800%
32) Benzene-d6	5.714	84	101641	4.555	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.200%
36) 1,2-Dichloropropane-d6	6.679	67	29632	4.790	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.800%
41) Toluene-d8	7.888	98	101487	4.669	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.400%
43) trans-1,3-Dichloroprop...	8.171	79	15383	4.988	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.800%
46) 2-Hexanone-d5	8.621	63	50421	51.987	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.980%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	27041	5.219	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.400%
66) 1,2-Dichlorobenzene-d4	12.183	152	38331	4.613	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	50200	5.305	ug/L	100
3) Chloromethane	1.515	50	31542	4.967	ug/L	98
5) Vinyl chloride	1.599	62	35665	4.988	ug/L	98
6) Bromomethane	1.843	94	20220	3.886	ug/L	96
8) Chloroethane	1.923	64	21333	4.965	ug/L	91
9) Trichlorofluoromethane	2.129	101	75365	5.225	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	38075	5.463	ug/L	97
12) 1,1-Dichloroethene	2.570	96	32955	5.344	ug/L	98
13) Acetone	2.611	43	44551	50.016	ug/L	99
14) Carbon disulfide	2.785	76	101077	5.132	ug/L	100
15) Methyl Acetate	2.939	43	10240	5.309	ug/L	98
16) Methylene chloride	3.033	84	34372	5.089	ug/L	96
17) Methyl tert-butyl Ether	3.348	73	89966	5.308	ug/L	99
18) trans-1,2-Dichloroethene	3.345	96	34727	5.257	ug/L	98
19) 1,1-Dichloroethane	3.856	63	62525	5.293	ug/L	99
21) 2-Butanone	4.685	43	62552	52.730	ug/L	98
22) cis-1,2-Dichloroethene	4.653	96	37181	5.168	ug/L	99
23) Bromochloromethane	4.962	128	18191	5.356	ug/L	97
25) Chloroform	5.074	83	75214	5.174	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011325\
 Data File : VU062703.D
 Acq On : 13 Jan 2025 08:44
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

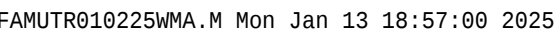
Instrument :
 MSVOA_U
 ClientSampleId :

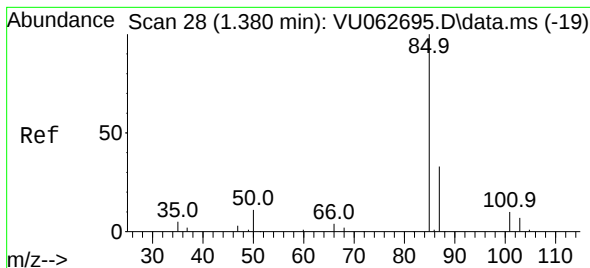
Quant Time: Jan 13 18:56:48 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jan 10 22:42:03 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.779	62	50603	5.324	ug/L	99
29) 1,1,1-Trichloroethane	5.303	97	75437	5.448	ug/L	98
30) Cyclohexane	5.377	56	47801	5.287	ug/L	95
31) Carbon tetrachloride	5.512	117	69300	5.446	ug/L	98
33) Benzene	5.762	78	138840	5.294	ug/L	100
34) Trichloroethene	6.531	95	42973	4.797	ug/L	96
35) Methylcyclohexane	6.753	83	59423	5.391	ug/L	97
37) 1,2-Dichloropropane	6.778	63	32441	5.244	ug/L	99
38) Bromodichloromethane	7.094	83	53065	5.334	ug/L	99
39) cis-1,3-Dichloropropene	7.598	75	56889	5.401	ug/L	100
40) 4-Methyl-2-pentanone	7.778	43	158011	54.676	ug/L	99
42) Toluene	7.958	91	156079	5.431	ug/L	99
44) trans-1,3-Dichloropropene	8.200	75	50234	5.532	ug/L	98
45) 1,1,2-Trichloroethane	8.389	97	27836	5.540	ug/L	94
47) Tetrachloroethene	8.544	164	32941	5.339	ug/L	96
48) 2-Hexanone	8.672	43	108818	52.375	ug/L	99
49) Dibromochloromethane	8.798	129	36844	5.461	ug/L	96
50) 1,2-Dibromoethane	8.913	107	27588	5.739	ug/L	96
51) Chlorobenzene	9.438	112	102201	5.438	ug/L	99
52) Ethylbenzene	9.560	91	179068	5.491	ug/L	98
53) m,p-Xylene	9.685	106	67027	5.496	ug/L	99
54) o-Xylene	10.090	106	64723	5.540	ug/L	98
55) Styrene	10.106	104	110467	5.653	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.772	83	31325	5.558	ug/L #	98
59) Bromoform	10.283	173	22683	5.207	ug/L	99
60) Isopropylbenzene	10.476	105	183393	5.328	ug/L	100
61) 1,2,3-Trichloropropane	10.814	75	23409	5.284	ug/L	98
62) 1,3,5-Trimethylbenzene	11.077	105	155820	5.326	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	150692	5.325	ug/L	100
64) 1,3-Dichlorobenzene	11.736	146	84199	5.277	ug/L	97
65) 1,4-Dichlorobenzene	11.826	146	84070	5.225	ug/L	97
67) 1,2-Dichlorobenzene	12.203	146	77035	5.151	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.990	75	6090	5.307	ug/L	97
69) 1,3,5-Trichlorobenzene	13.212	180	62404	5.193	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	44409	4.588	ug/L	100
71) Naphthalene	14.080	128	54295	3.834	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	36439	4.319	ug/L	99

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

Quant Time: Jan 13 18:56:48 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Jan 10 22:42:03 2025
Response via : Initial Calibration

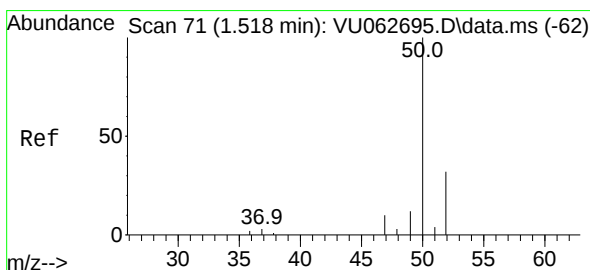
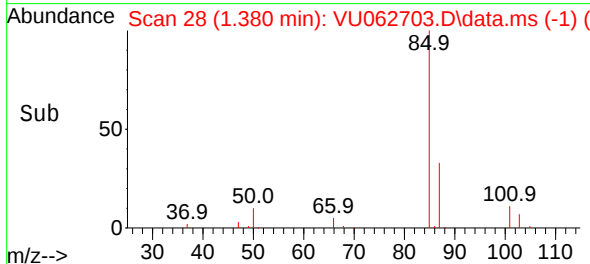
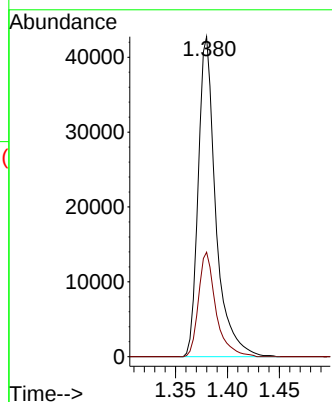
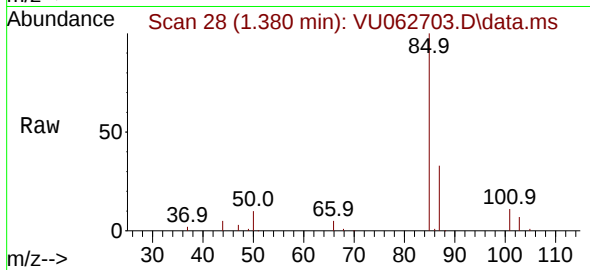




#2
Dichlorodifluoromethane
Concen: 5.305 ug/L
RT: 1.380 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU062703.D
Acq: 13 Jan 2025 08:44

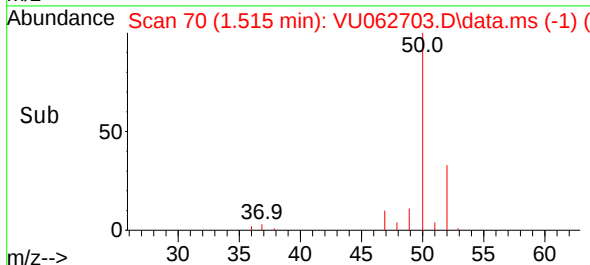
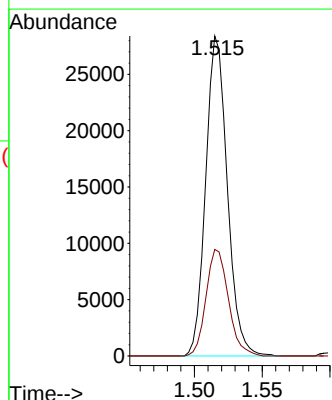
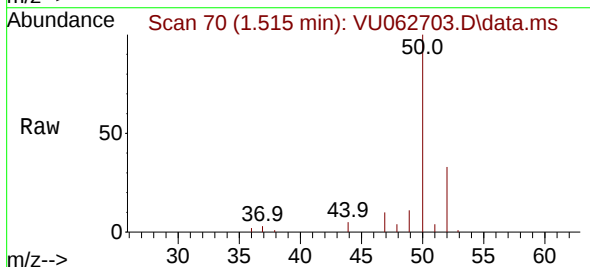
Instrument :
MSVOA_U
ClientSampleId :

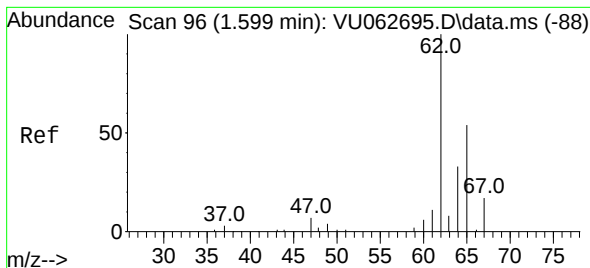
Tgt Ion: 85 Resp: 50200
Ion Ratio Lower Upper
85 100
87 32.4 26.1 39.1



#3
Chloromethane
Concen: 4.967 ug/L
RT: 1.515 min Scan# 70
Delta R.T. -0.000 min
Lab File: VU062703.D
Acq: 13 Jan 2025 08:44

Tgt Ion: 50 Resp: 31542
Ion Ratio Lower Upper
50 100
52 33.3 24.1 44.7





#5

Vinyl chloride

Concen: 4.988 ug/L

RT: 1.599 min Scan# 96

Delta R.T. -0.000 min

Lab File: VU062703.D

Acq: 13 Jan 2025 08:44

Instrument :

MSVOA_U

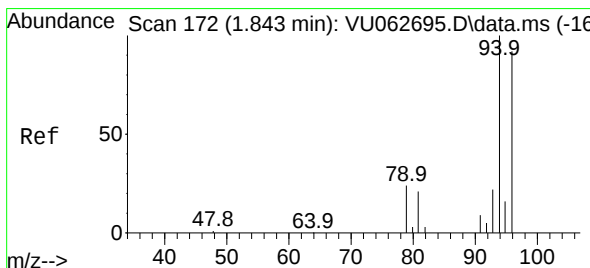
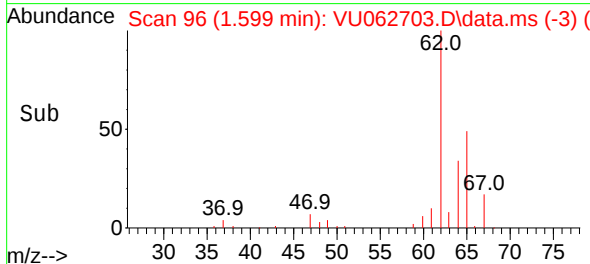
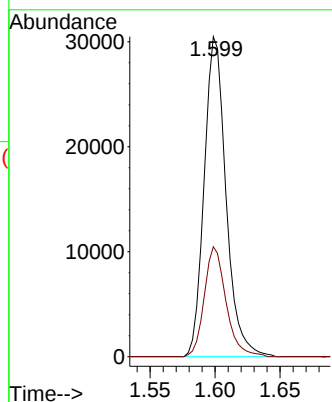
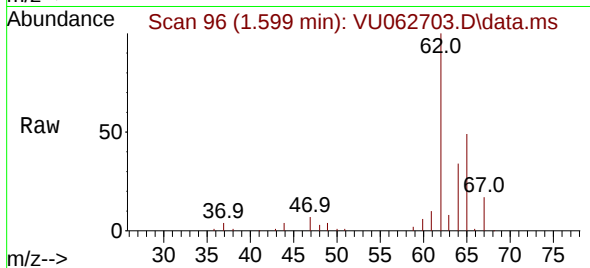
ClientSampleId :

Tgt Ion: 62 Resp: 35665

Ion Ratio Lower Upper

62 100

64 34.4 23.4 43.4



#6

Bromomethane

Concen: 3.886 ug/L

RT: 1.843 min Scan# 172

Delta R.T. -0.000 min

Lab File: VU062703.D

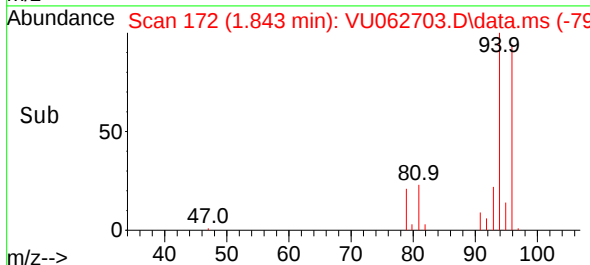
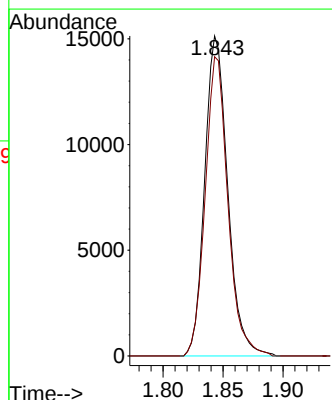
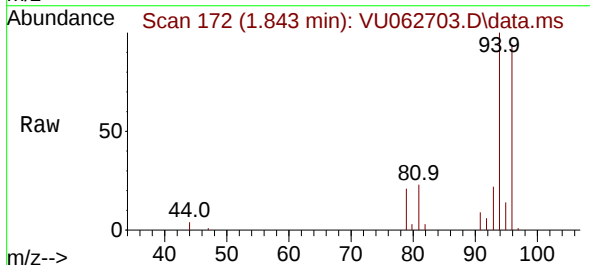
Acq: 13 Jan 2025 08:44

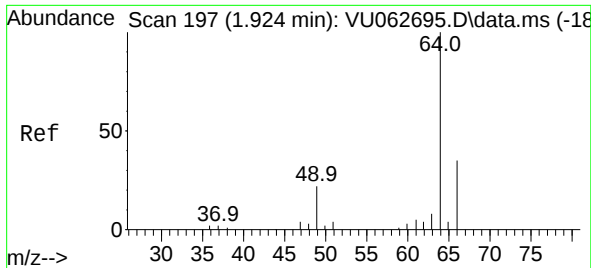
Tgt Ion: 94 Resp: 20220

Ion Ratio Lower Upper

94 100

96 93.5 62.9 116.7

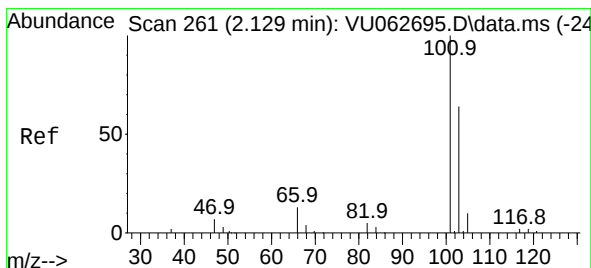
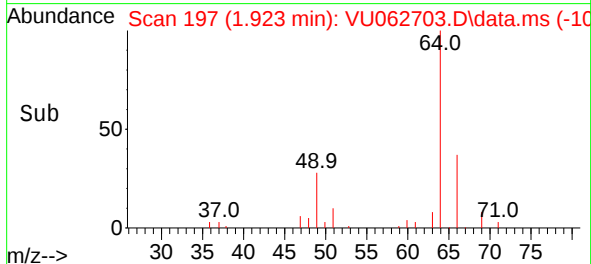
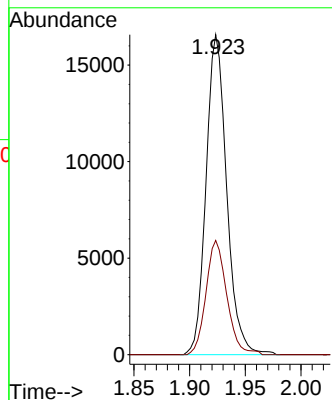
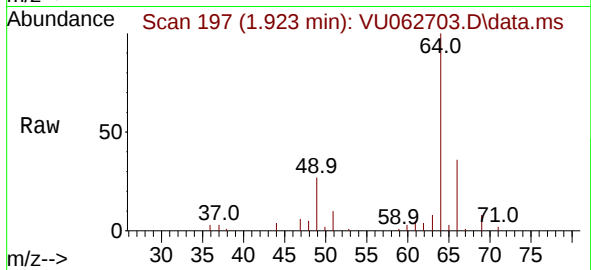




#8
Chloroethane
Concen: 4.965 ug/L
RT: 1.923 min Scan# 197
Delta R.T. -0.000 min
Lab File: VU062703.D
Acq: 13 Jan 2025 08:44

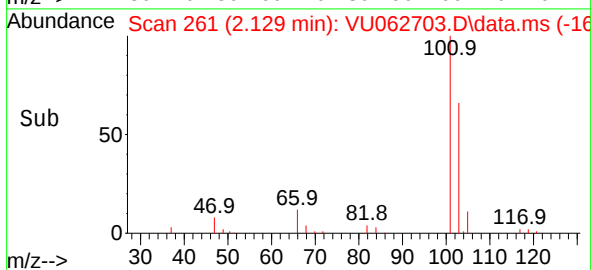
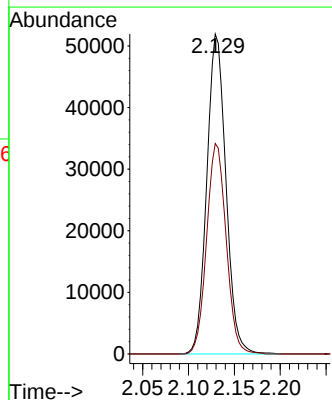
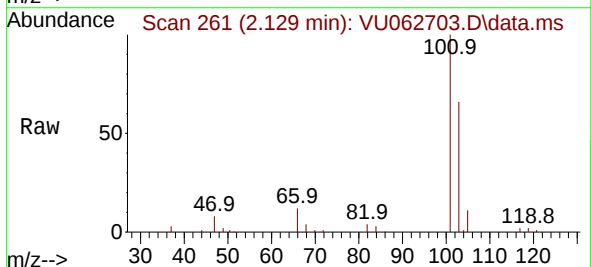
Instrument :
MSVOA_U
ClientSampleId :

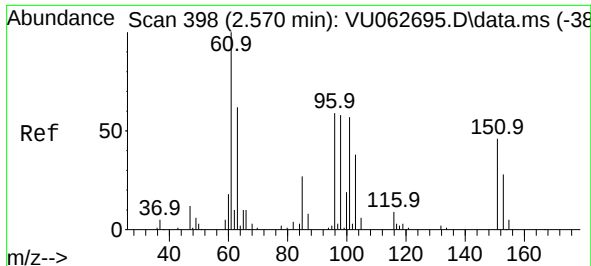
Tgt Ion: 64 Resp: 21333
Ion Ratio Lower Upper
64 100
66 35.7 21.6 40.2



#9
Trichlorofluoromethane
Concen: 5.225 ug/L
RT: 2.129 min Scan# 261
Delta R.T. -0.000 min
Lab File: VU062703.D
Acq: 13 Jan 2025 08:44

Tgt Ion:101 Resp: 75365
Ion Ratio Lower Upper
101 100
103 67.0 51.4 77.0

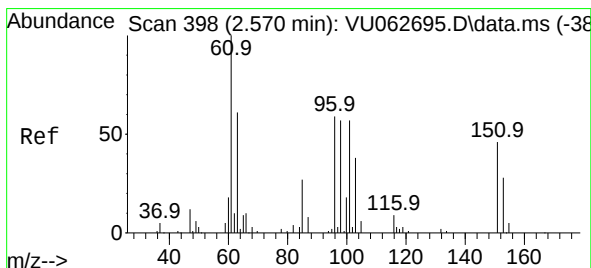
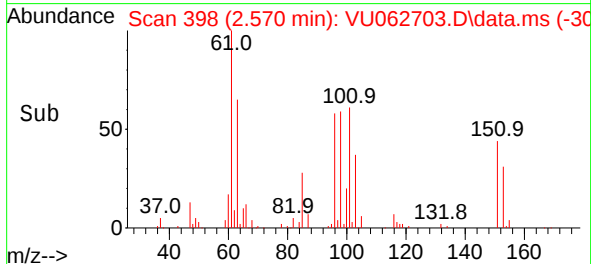
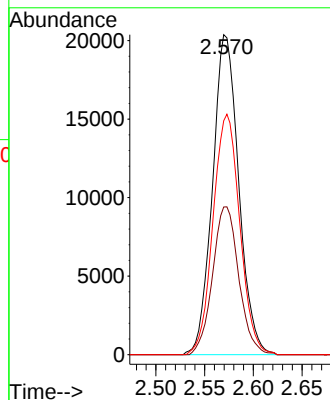
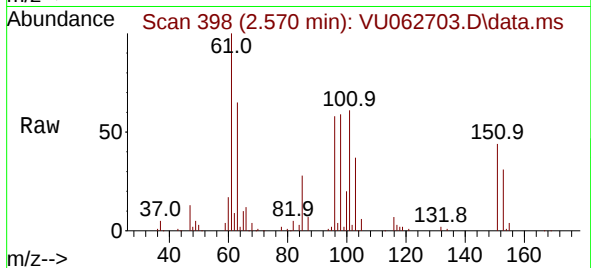




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.463 ug/L
RT: 2.570 min Scan# 398
Delta R.T. -0.003 min
Lab File: VU062703.D
Acq: 13 Jan 2025 08:44

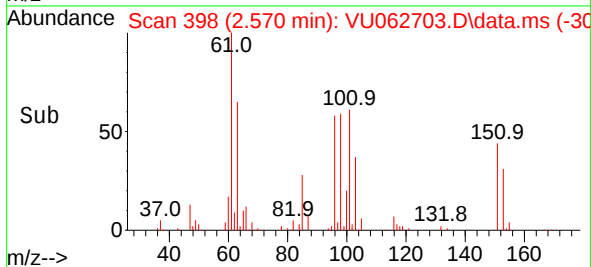
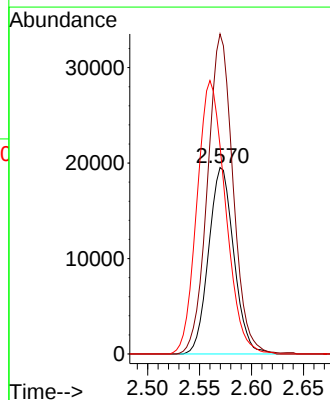
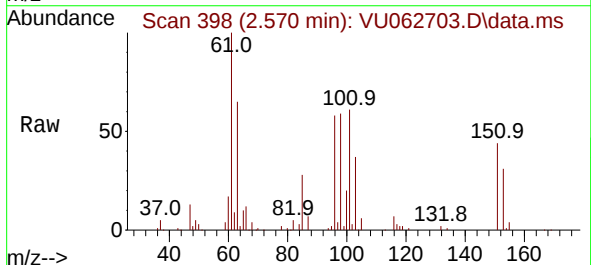
Instrument :
MSVOA_U
ClientSampleId :

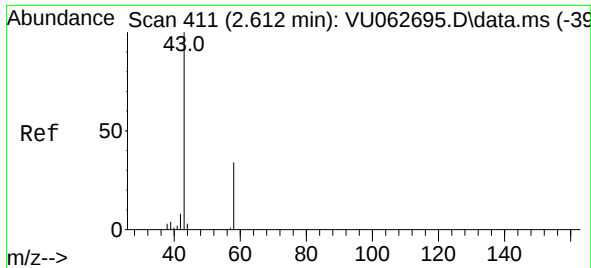
Tgt Ion:101 Resp: 38075
Ion Ratio Lower Upper
101 100
85 46.3 37.0 55.6
151 76.9 64.4 96.6



#12
1,1-Dichloroethene
Concen: 5.344 ug/L
RT: 2.570 min Scan# 398
Delta R.T. -0.003 min
Lab File: VU062703.D
Acq: 13 Jan 2025 08:44

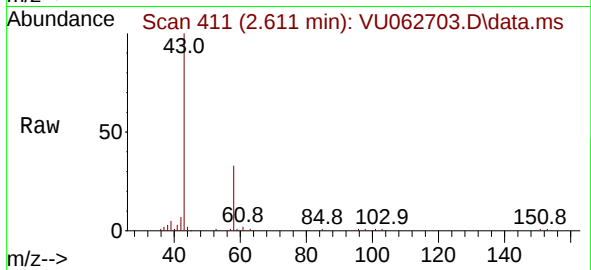
Tgt Ion: 96 Resp: 32955
Ion Ratio Lower Upper
96 100
61 171.6 120.4 223.6
63 111.5 82.3 152.9



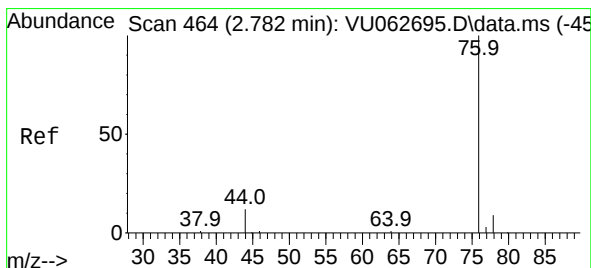
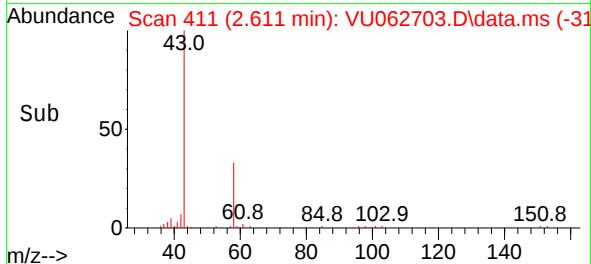
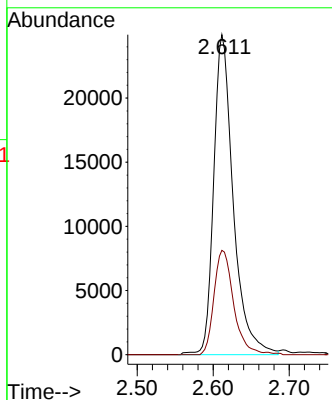


#13
Acetone
Concen: 50.016 ug/L
RT: 2.611 min Scan# 411
Delta R.T. -0.000 min
Lab File: VU062703.D
Acq: 13 Jan 2025 08:44

Instrument :
MSVOA_U
ClientSampleId :

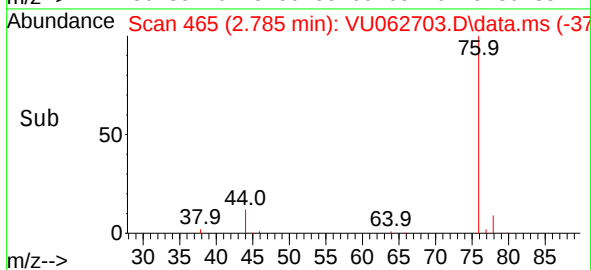
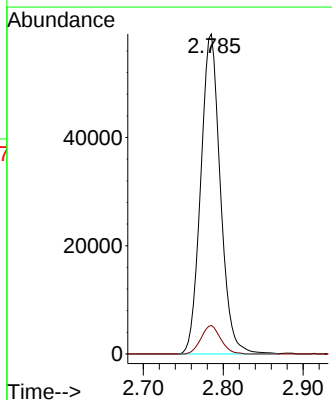
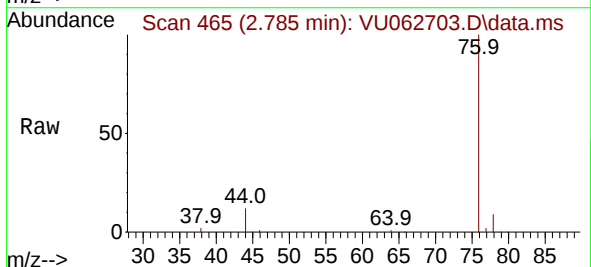


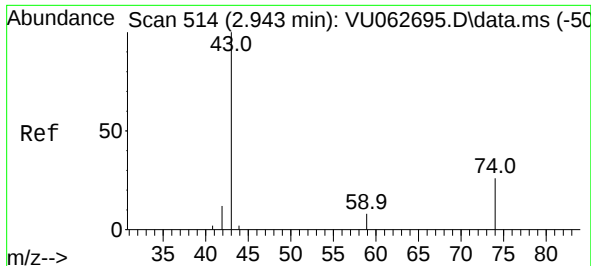
Tgt Ion: 43 Resp: 44551
Ion Ratio Lower Upper
43 100
58 32.5 0.0 64.4



#14
Carbon disulfide
Concen: 5.132 ug/L
RT: 2.785 min Scan# 465
Delta R.T. -0.000 min
Lab File: VU062703.D
Acq: 13 Jan 2025 08:44

Tgt Ion: 76 Resp: 101077
Ion Ratio Lower Upper
76 100
78 8.9 7.0 10.6





#15

Methyl Acetate

Concen: 5.309 ug/L

RT: 2.939 min Scan# 51

Delta R.T. -0.000 min

Lab File: VU062703.D

Acq: 13 Jan 2025 08:44

Instrument :

MSVOA_U

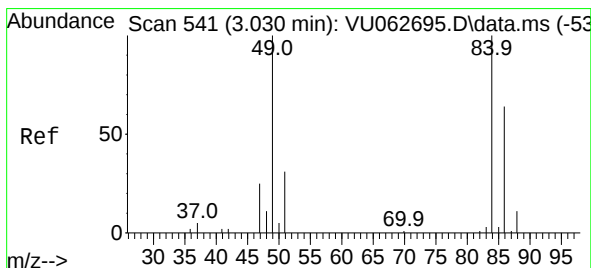
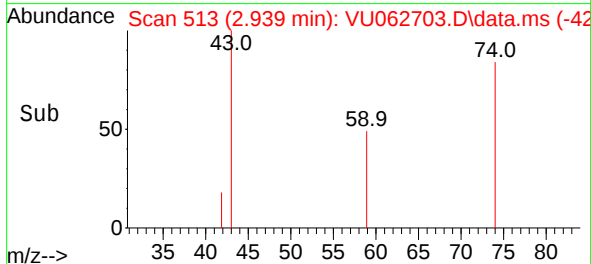
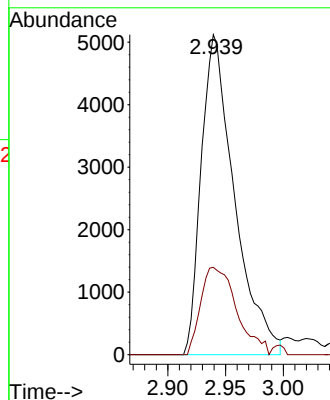
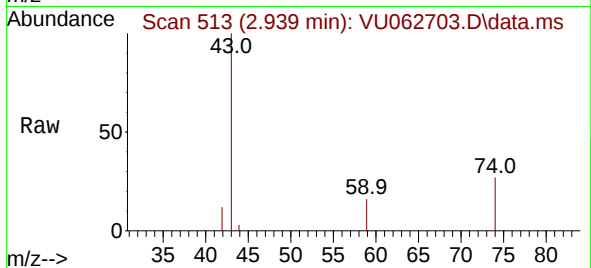
ClientSampleId :

Tgt Ion: 43 Resp: 10240

Ion Ratio Lower Upper

43 100

74 29.5 24.4 36.6



#16

Methylene chloride

Concen: 5.089 ug/L

RT: 3.033 min Scan# 542

Delta R.T. -0.000 min

Lab File: VU062703.D

Acq: 13 Jan 2025 08:44

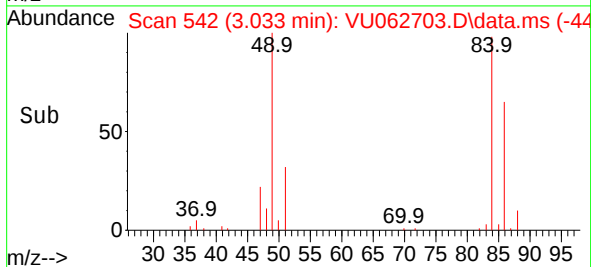
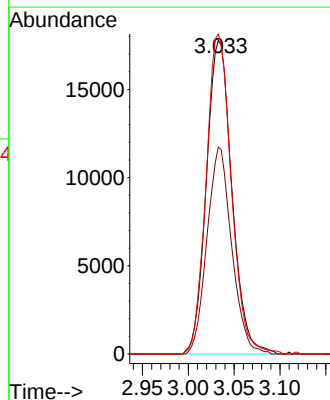
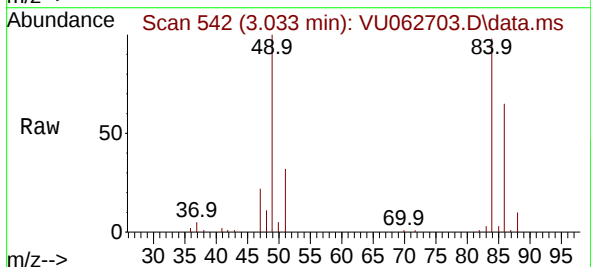
Tgt Ion: 84 Resp: 34372

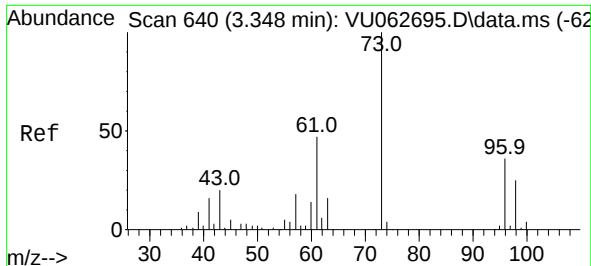
Ion Ratio Lower Upper

84 100

86 66.0 44.7 83.1

49 102.1 68.3 126.9

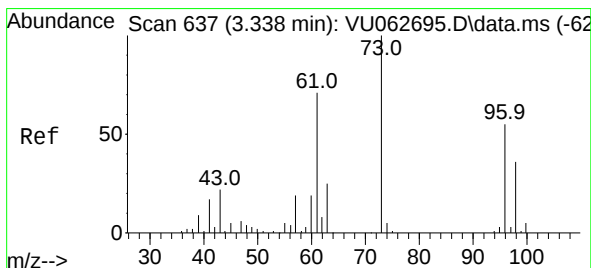
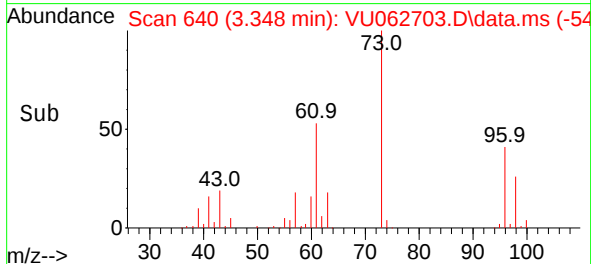
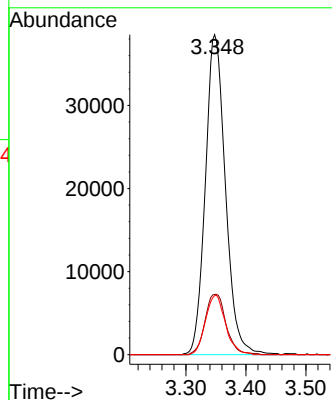
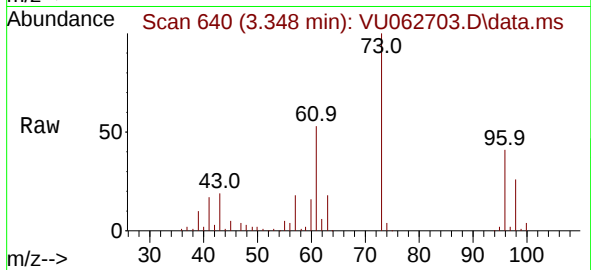




#17
Methyl tert-butyl Ether
Concen: 5.308 ug/L
RT: 3.348 min Scan# 640
Delta R.T. -0.000 min
Lab File: VU062703.D
Acq: 13 Jan 2025 08:44

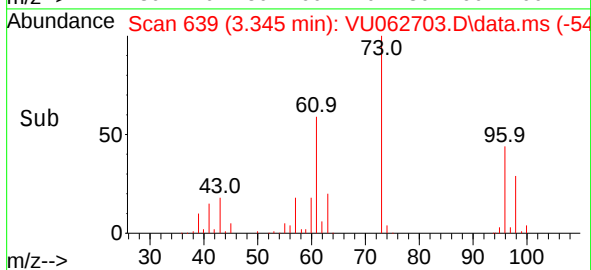
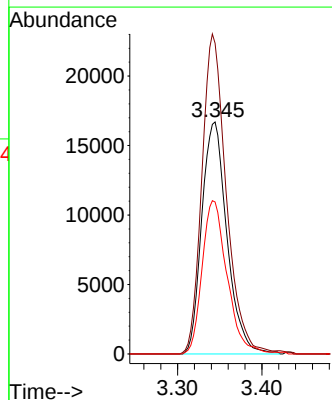
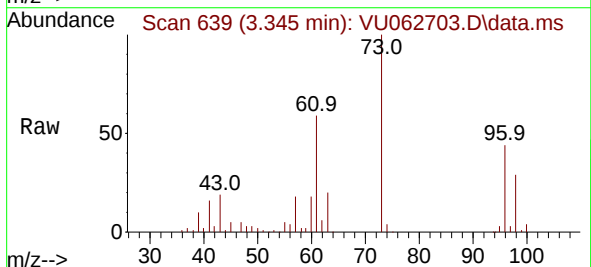
Instrument :
MSVOA_U
ClientSampleId :

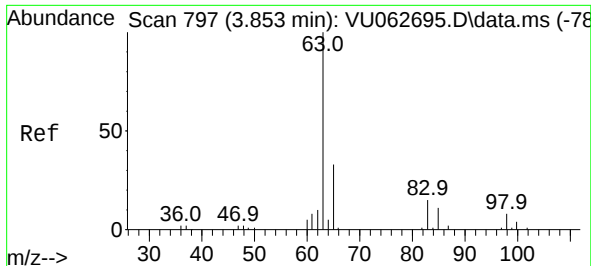
Tgt Ion: 73 Resp: 89966
Ion Ratio Lower Upper
73 100
43 19.7 16.2 24.4
57 18.5 14.6 22.0



#18
trans-1,2-Dichloroethene
Concen: 5.257 ug/L
RT: 3.345 min Scan# 639
Delta R.T. 0.003 min
Lab File: VU062703.D
Acq: 13 Jan 2025 08:44

Tgt Ion: 96 Resp: 34727
Ion Ratio Lower Upper
96 100
61 134.0 94.4 175.2
98 65.5 42.8 79.4

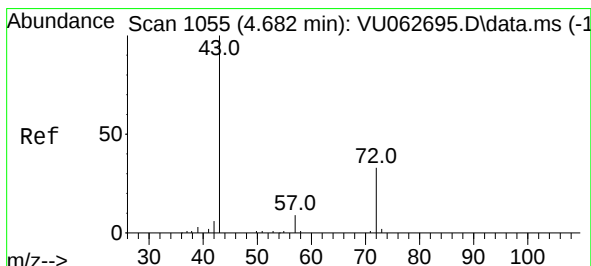
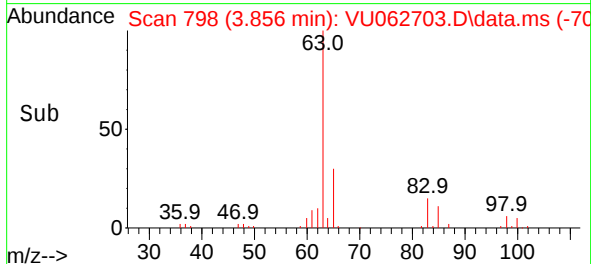
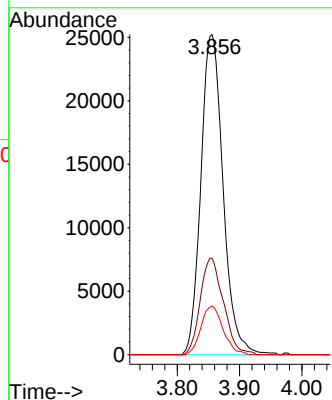
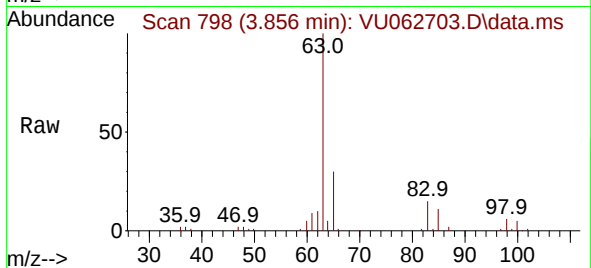




#19
1,1-Dichloroethane
Concen: 5.293 ug/L
RT: 3.856 min Scan# 797
Delta R.T. -0.000 min
Lab File: VU062703.D
Acq: 13 Jan 2025 08:44

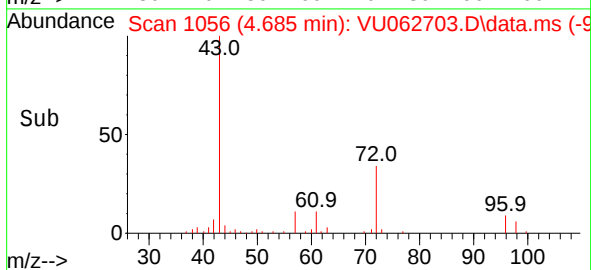
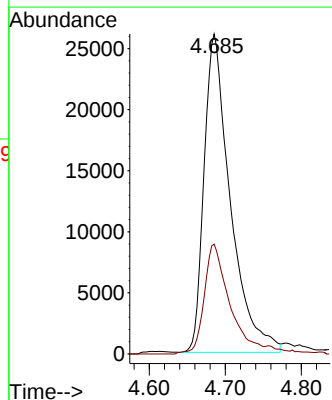
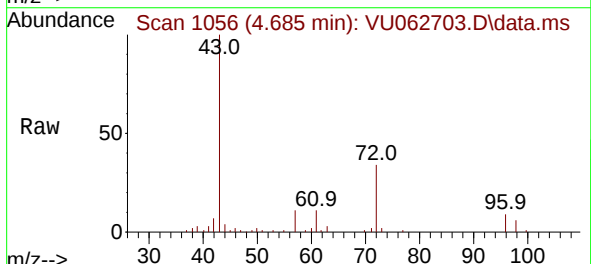
Instrument :
MSVOA_U
ClientSampleId :

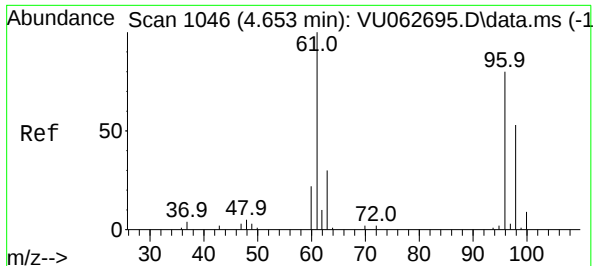
Tgt Ion: 63 Resp: 62525
Ion Ratio Lower Upper
63 100
65 30.1 20.7 38.5
83 15.2 10.5 19.5



#21
2-Butanone
Concen: 52.730 ug/L
RT: 4.685 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VU062703.D
Acq: 13 Jan 2025 08:44

Tgt Ion: 43 Resp: 62552
Ion Ratio Lower Upper
43 100
72 33.2 17.1 51.2

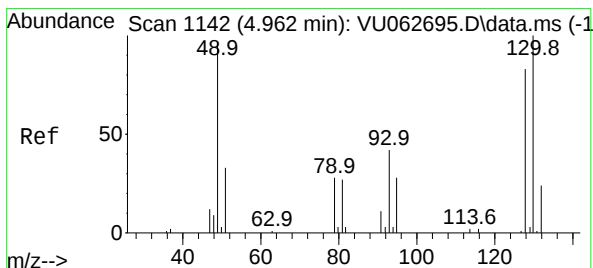
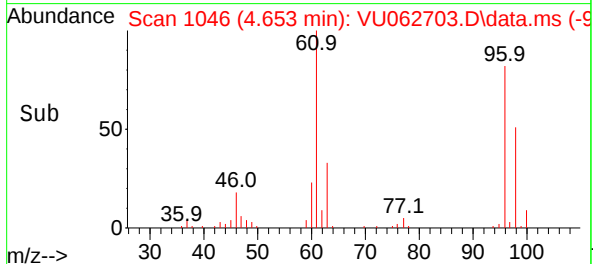
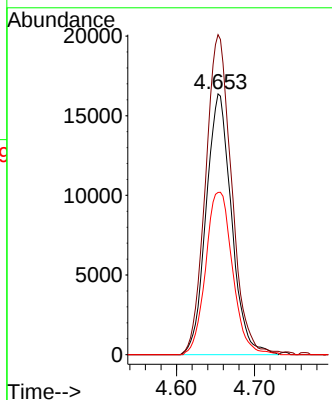
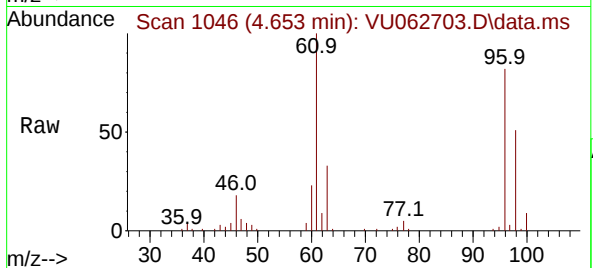




#22
 cis-1,2-Dichloroethene
 Concen: 5.168 ug/L
 RT: 4.653 min Scan# 1046
 Delta R.T. -0.000 min
 Lab File: VU062703.D
 Acq: 13 Jan 2025 08:44

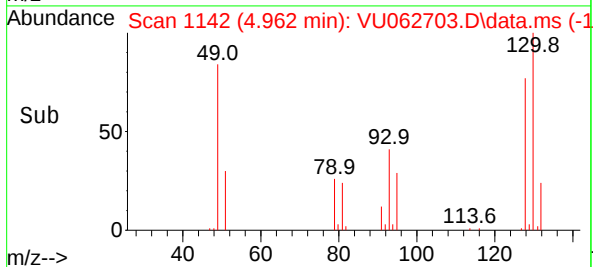
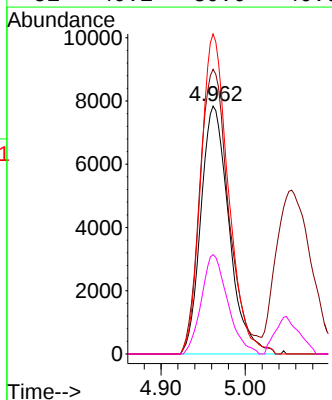
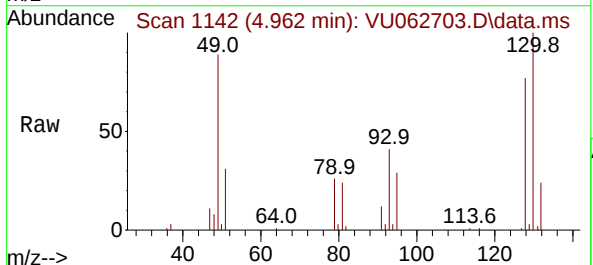
Instrument :
 MSVOA_U
 ClientSampleId :

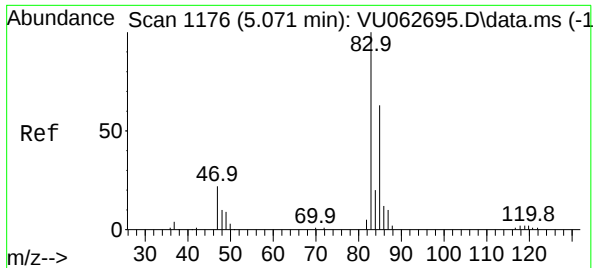
Tgt Ion: 96 Resp: 37181
 Ion Ratio Lower Upper
 96 100
 61 122.7 84.8 157.6
 98 62.2 43.1 80.1



#23
 Bromochloromethane
 Concen: 5.356 ug/L
 RT: 4.962 min Scan# 1142
 Delta R.T. -0.000 min
 Lab File: VU062703.D
 Acq: 13 Jan 2025 08:44

Tgt Ion:128 Resp: 18191
 Ion Ratio Lower Upper
 128 100
 49 114.8 81.1 150.7
 130 129.1 94.9 176.3
 51 40.1 30.6 46.0





#25

Chloroform

Concen: 5.174 ug/L

RT: 5.074 min Scan# 1176

Delta R.T. -0.000 min

Lab File: VU062703.D

Acq: 13 Jan 2025 08:44

Instrument :

MSVOA_U

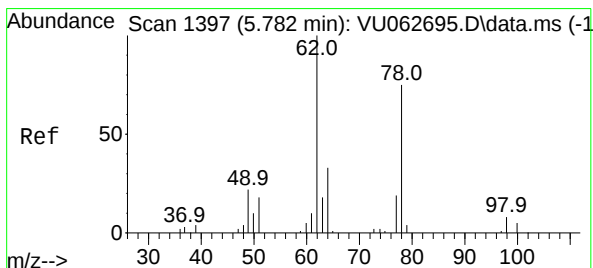
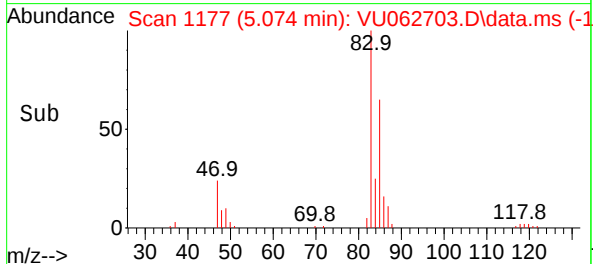
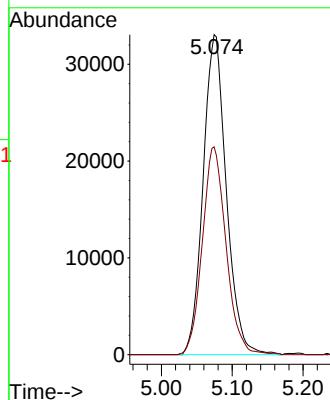
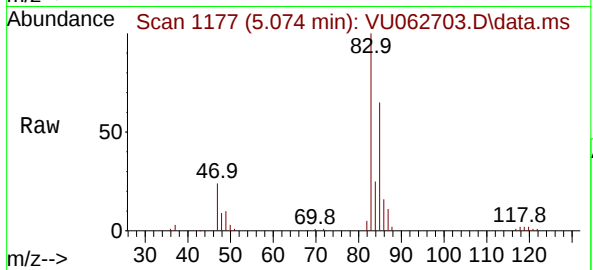
ClientSampleId :

Tgt Ion: 83 Resp: 75214

Ion Ratio Lower Upper

83 100

85 65.0 45.8 85.2



#27

1,2-Dichloroethane

Concen: 5.324 ug/L

RT: 5.779 min Scan# 1396

Delta R.T. -0.003 min

Lab File: VU062703.D

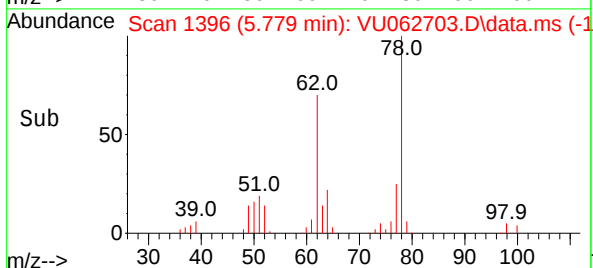
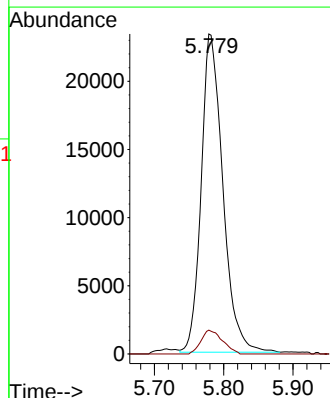
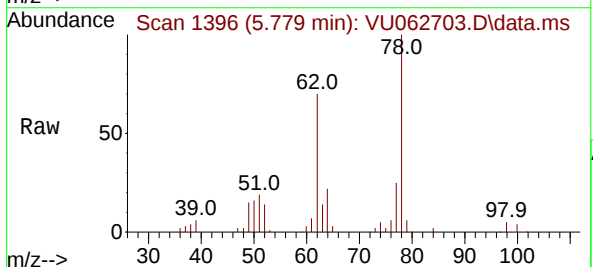
Acq: 13 Jan 2025 08:44

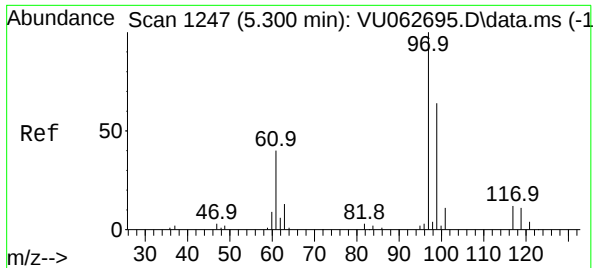
Tgt Ion: 62 Resp: 50603

Ion Ratio Lower Upper

62 100

98 7.4 5.8 8.6

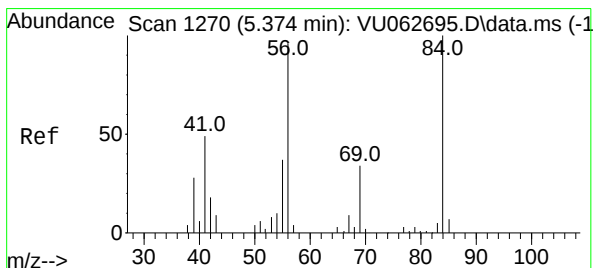
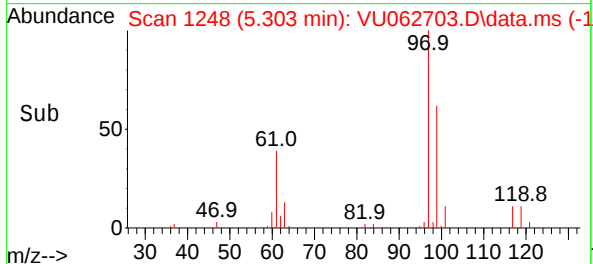
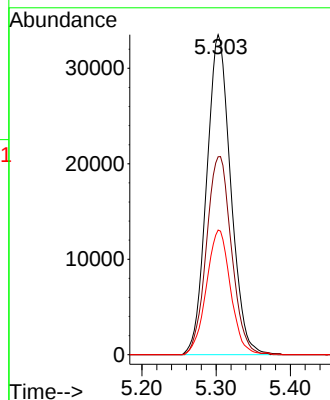
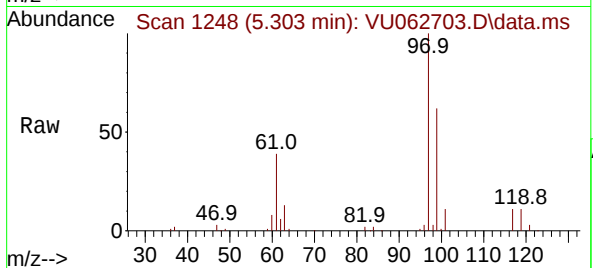




#29
1,1,1-Trichloroethane
Concen: 5.448 ug/L
RT: 5.303 min Scan# 1248
Delta R.T. -0.000 min
Lab File: VU062703.D
Acq: 13 Jan 2025 08:44

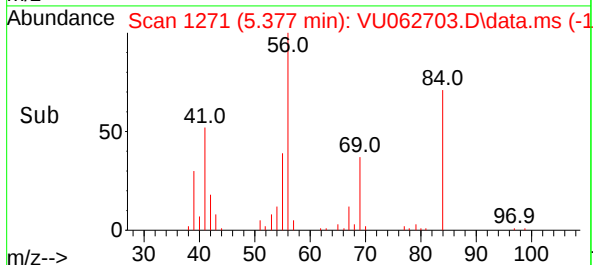
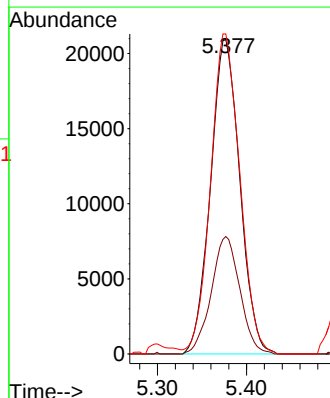
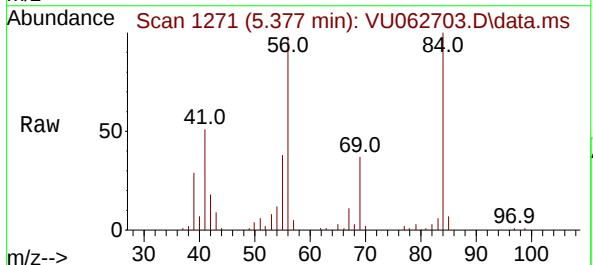
Instrument :
MSVOA_U
ClientSampleId :

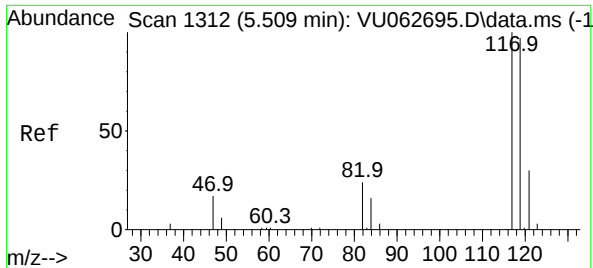
Tgt Ion: 97	Resp: 75437
Ion Ratio	Lower Upper
97 100	
99 64.4	52.4 78.6
61 39.1	32.2 48.4



#30
Cyclohexane
Concen: 5.287 ug/L
RT: 5.377 min Scan# 1271
Delta R.T. -0.000 min
Lab File: VU062703.D
Acq: 13 Jan 2025 08:44

Tgt Ion: 56	Resp: 47801
Ion Ratio	Lower Upper
56 100	
69 36.5	28.3 42.5
84 101.5	76.5 114.7

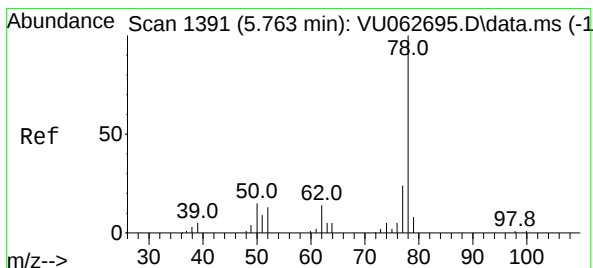
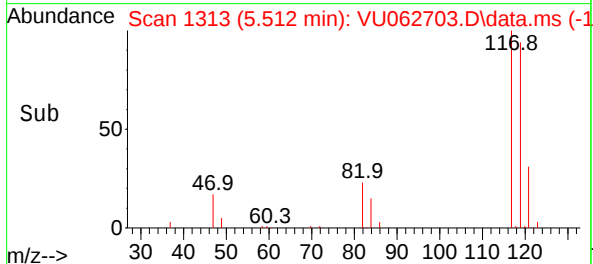
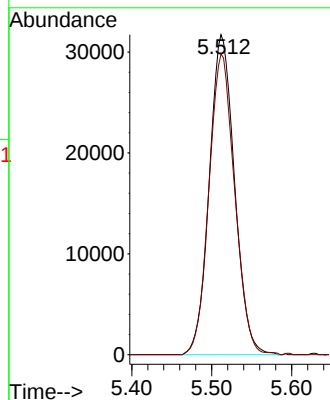
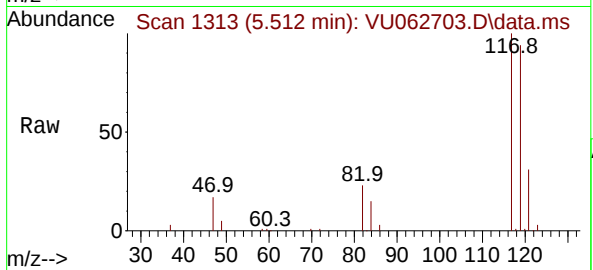




#31
Carbon tetrachloride
Concen: 5.446 ug/L
RT: 5.512 min Scan# 1312
Delta R.T. -0.000 min
Lab File: VU062703.D
Acq: 13 Jan 2025 08:44

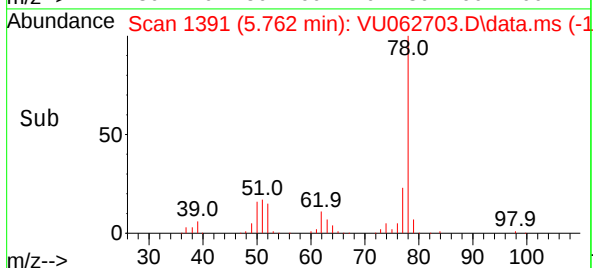
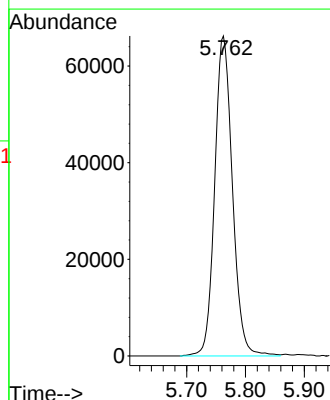
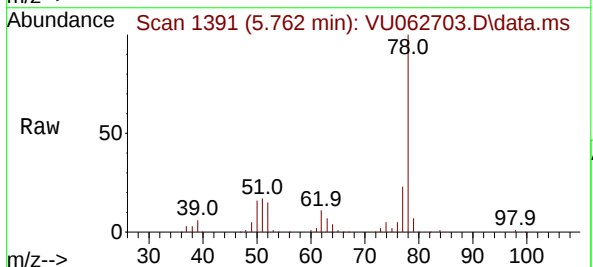
Instrument :
MSVOA_U
ClientSampleId :

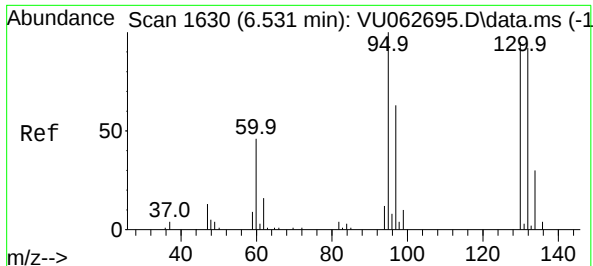
Tgt Ion:117 Resp: 69300
Ion Ratio Lower Upper
117 100
119 95.9 78.6 118.0



#33
Benzene
Concen: 5.294 ug/L
RT: 5.762 min Scan# 1391
Delta R.T. -0.000 min
Lab File: VU062703.D
Acq: 13 Jan 2025 08:44

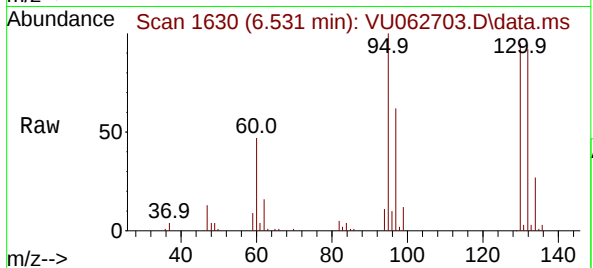
Tgt Ion: 78 Resp: 138840



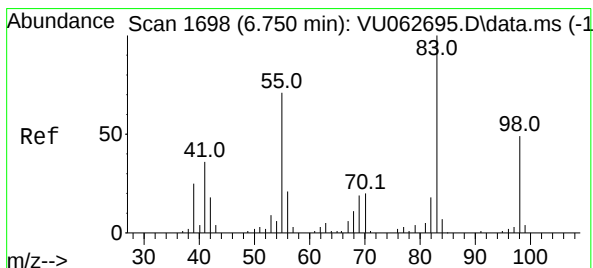
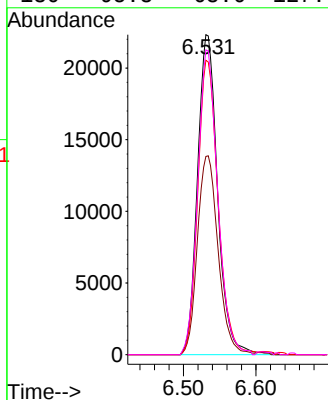
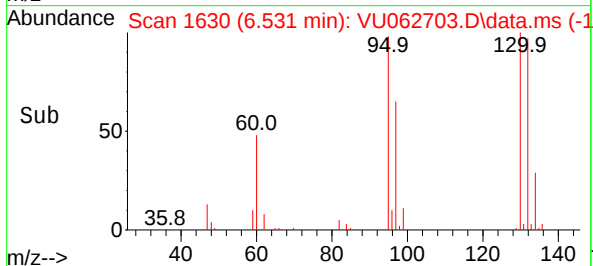


#34
Trichloroethene
Concen: 4.797 ug/L
RT: 6.531 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VU062703.D
Acq: 13 Jan 2025 08:44

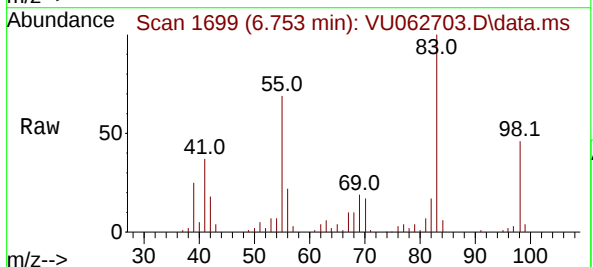
Instrument :
MSVOA_U
ClientSampleId :



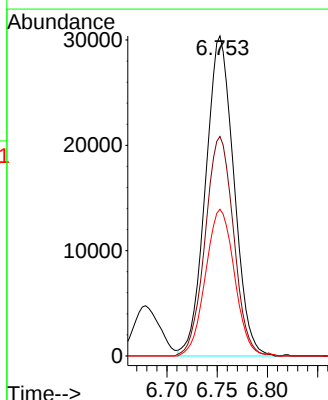
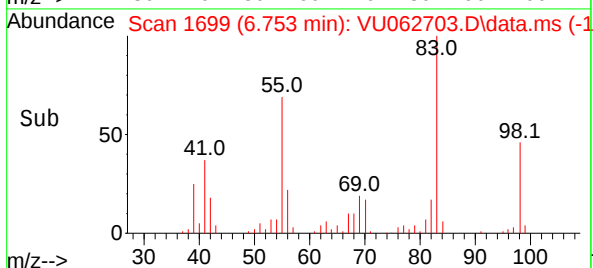
Tgt Ion: 95 Resp: 42973
Ion Ratio Lower Upper
95 100
97 61.9 47.5 88.3
132 92.0 66.9 124.3
130 95.3 68.6 127.4

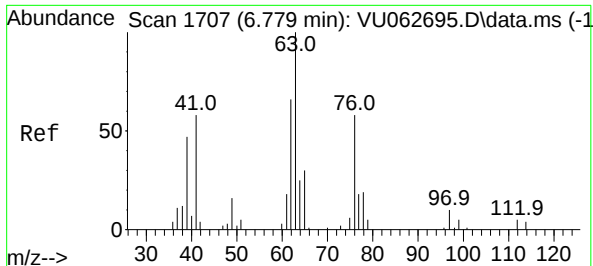


#35
Methylcyclohexane
Concen: 5.391 ug/L
RT: 6.753 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VU062703.D
Acq: 13 Jan 2025 08:44



Tgt Ion: 83 Resp: 59423
Ion Ratio Lower Upper
83 100
55 68.9 57.2 85.8
98 46.8 36.6 55.0





#37

1,2-Dichloropropane

Concen: 5.244 ug/L

RT: 6.778 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU062703.D

Acq: 13 Jan 2025 08:44

Instrument :

MSVOA_U

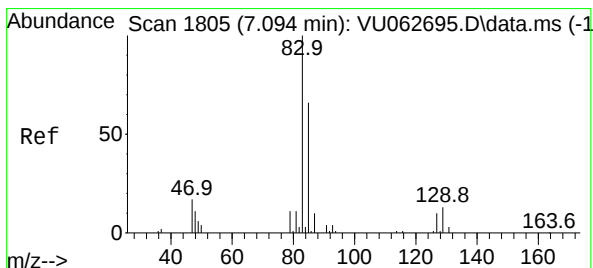
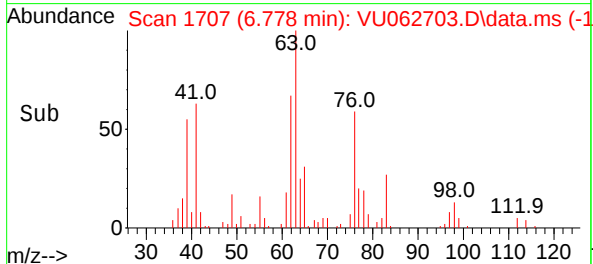
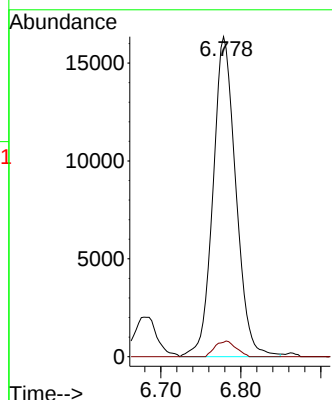
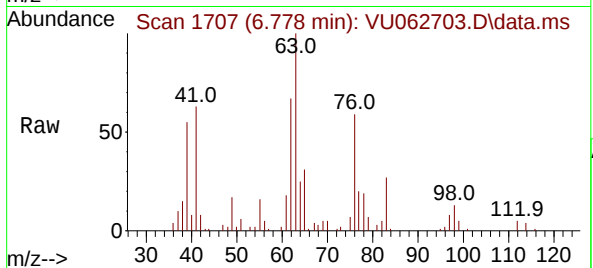
ClientSampleId :

Tgt Ion: 63 Resp: 32441

Ion Ratio Lower Upper

63 100

112 4.5 3.8 5.8



#38

Bromodichloromethane

Concen: 5.334 ug/L

RT: 7.094 min Scan# 1805

Delta R.T. -0.000 min

Lab File: VU062703.D

Acq: 13 Jan 2025 08:44

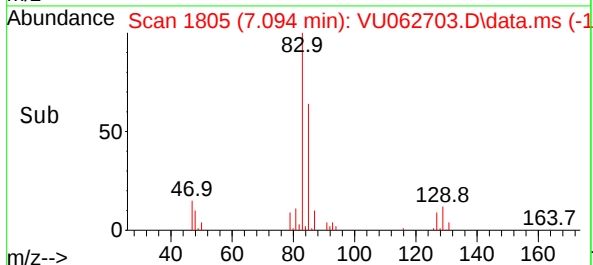
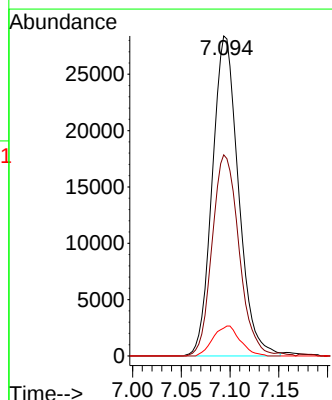
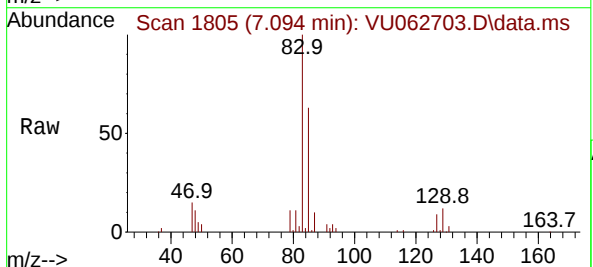
Tgt Ion: 83 Resp: 53065

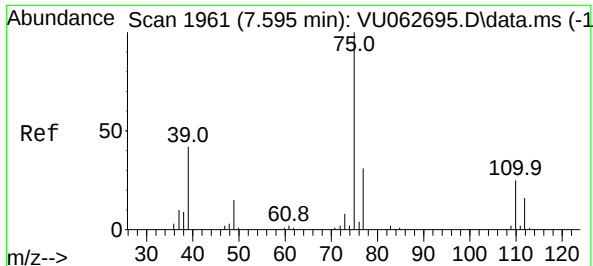
Ion Ratio Lower Upper

83 100

85 62.9 44.2 82.0

127 8.7 7.8 11.8

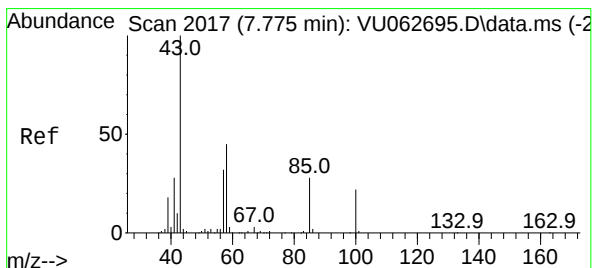
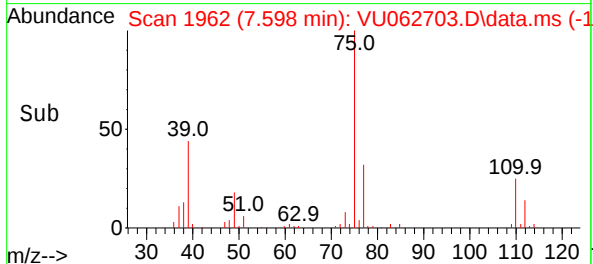
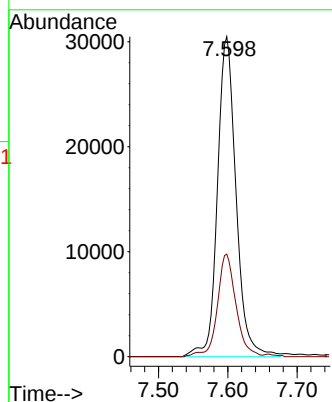
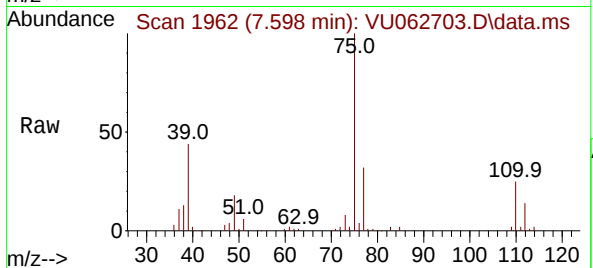




#39
 cis-1,3-Dichloropropene
 Concen: 5.401 ug/L
 RT: 7.598 min Scan# 1962
 Delta R.T. -0.000 min
 Lab File: VU062703.D
 Acq: 13 Jan 2025 08:44

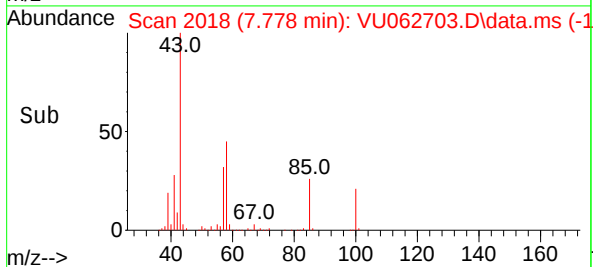
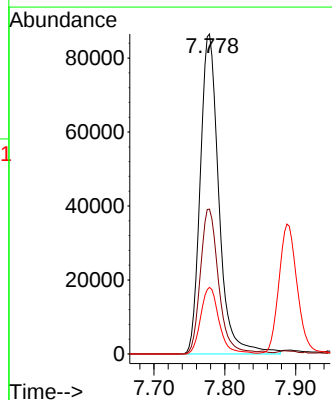
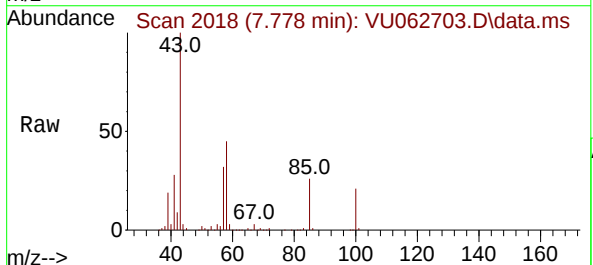
Instrument :
 MSVOA_U
 ClientSampleId :

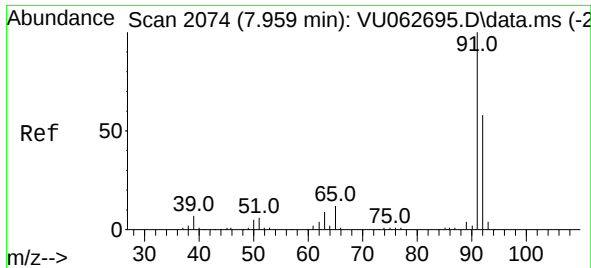
Tgt Ion: 75 Resp: 56889
 Ion Ratio Lower Upper
 75 100
 77 32.1 22.3 41.3



#40
 4-Methyl-2-pentanone
 Concen: 54.676 ug/L
 RT: 7.778 min Scan# 2018
 Delta R.T. 0.003 min
 Lab File: VU062703.D
 Acq: 13 Jan 2025 08:44

Tgt Ion: 43 Resp: 158011
 Ion Ratio Lower Upper
 43 100
 58 44.4 35.8 53.8
 100 20.5 16.8 25.2

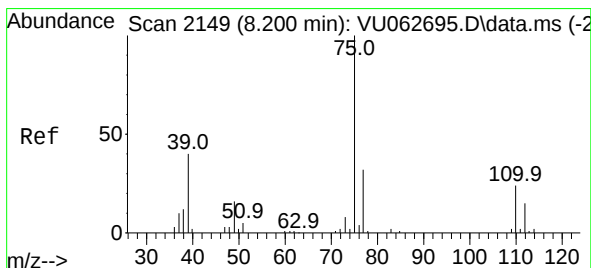
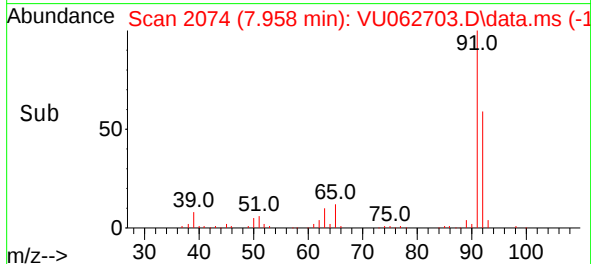
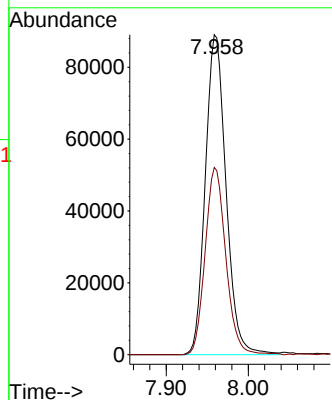
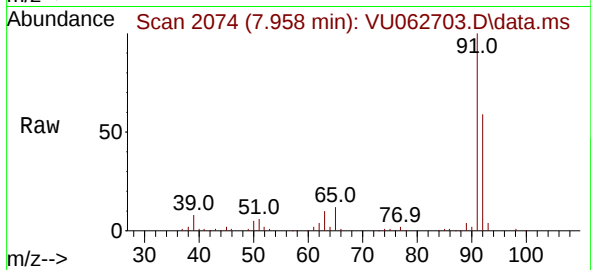




#42
Toluene
Concen: 5.431 ug/L
RT: 7.958 min Scan# 2074
Delta R.T. -0.000 min
Lab File: VU062703.D
Acq: 13 Jan 2025 08:44

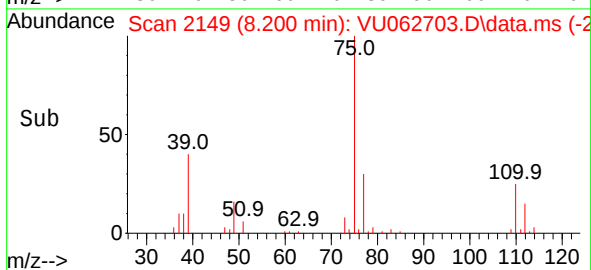
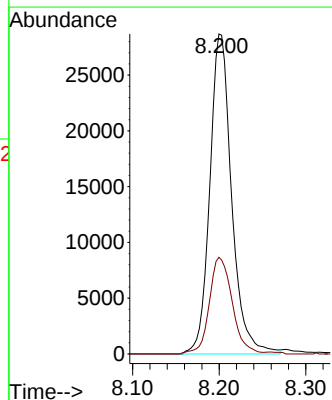
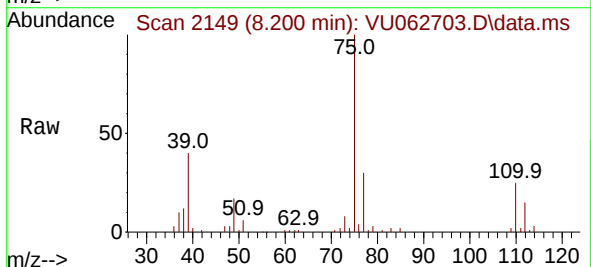
Instrument :
MSVOA_U
ClientSampleId :

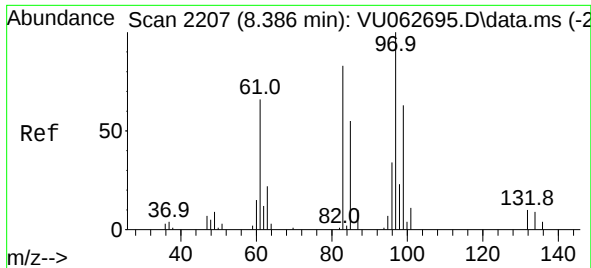
Tgt Ion: 91 Resp: 156079
Ion Ratio Lower Upper
91 100
92 58.5 40.4 75.0



#44
trans-1,3-Dichloropropene
Concen: 5.532 ug/L
RT: 8.200 min Scan# 2149
Delta R.T. -0.000 min
Lab File: VU062703.D
Acq: 13 Jan 2025 08:44

Tgt Ion: 75 Resp: 50234
Ion Ratio Lower Upper
75 100
77 30.2 21.8 40.6





#45

1,1,2-Trichloroethane

Concen: 5.540 ug/L

RT: 8.389 min Scan# 2207

Delta R.T. -0.000 min

Lab File: VU062703.D

Acq: 13 Jan 2025 08:44

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 97 Resp: 27836

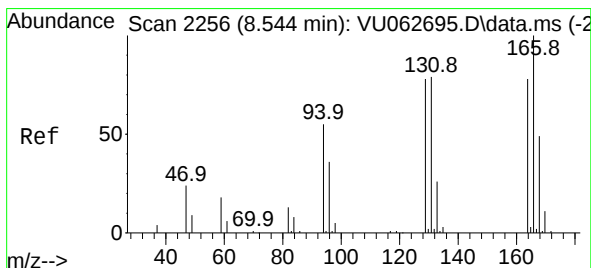
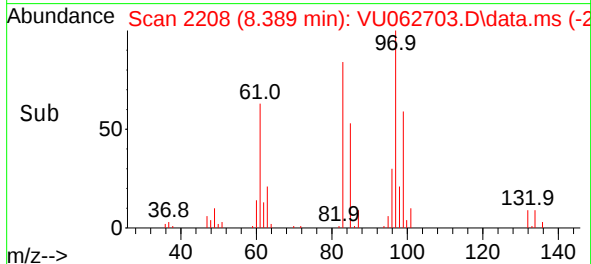
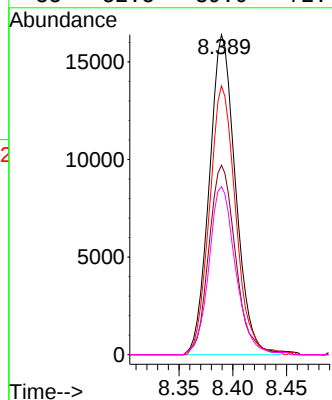
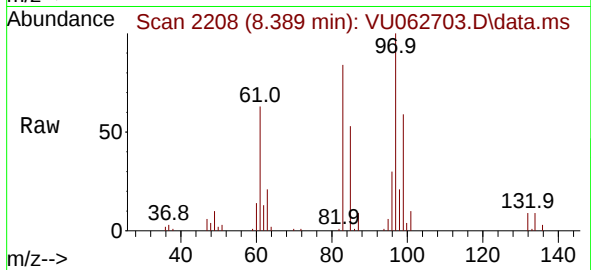
Ion Ratio Lower Upper

97 100

99 59.2 45.6 84.6

83 84.0 63.0 117.0

85 52.5 39.0 72.4



#47

Tetrachloroethene

Concen: 5.339 ug/L

RT: 8.544 min Scan# 2256

Delta R.T. -0.000 min

Lab File: VU062703.D

Acq: 13 Jan 2025 08:44

Tgt Ion:164 Resp: 32941

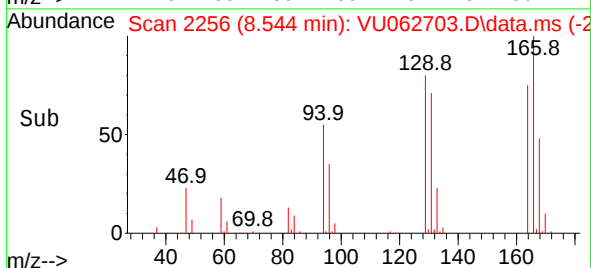
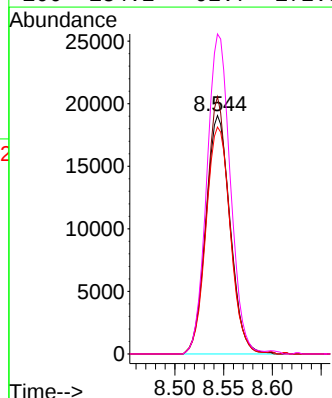
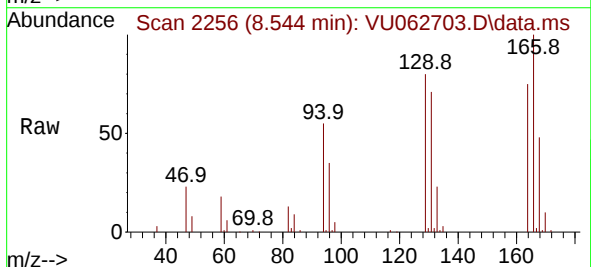
Ion Ratio Lower Upper

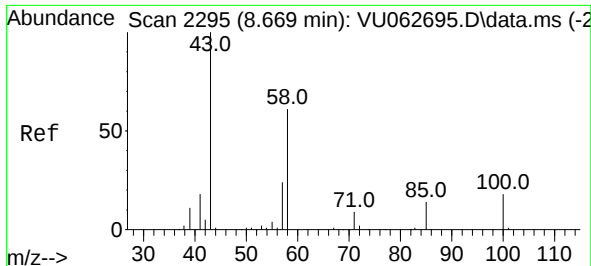
164 100

129 107.9 71.0 131.9

131 95.1 69.4 129.0

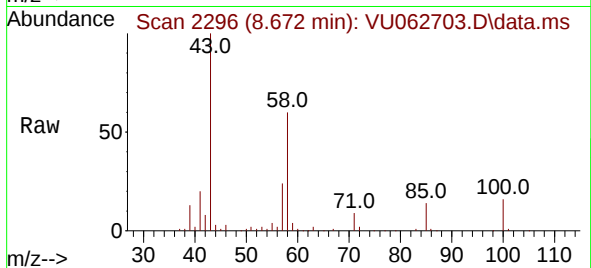
166 134.2 92.7 172.3



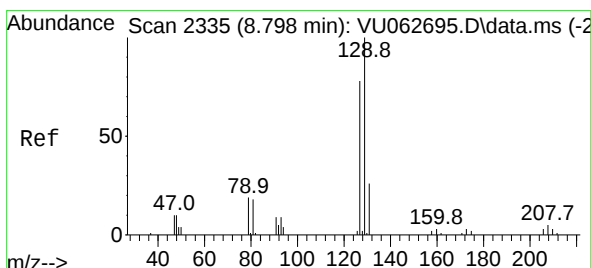
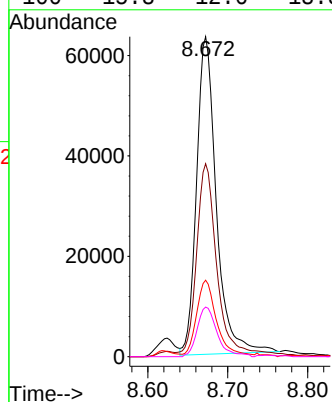
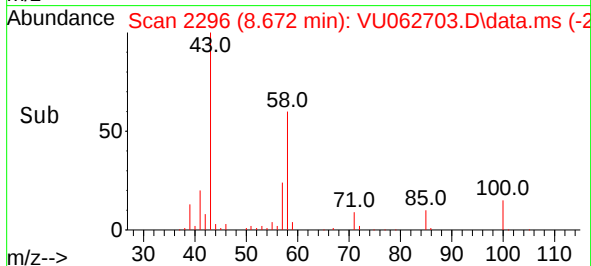


#48
2-Hexanone
Concen: 52.375 ug/L
RT: 8.672 min Scan# 2296
Delta R.T. -0.000 min
Lab File: VU062703.D
Acq: 13 Jan 2025 08:44

Instrument :
MSVOA_U
ClientSampleId :

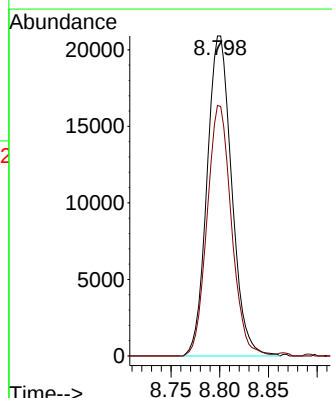
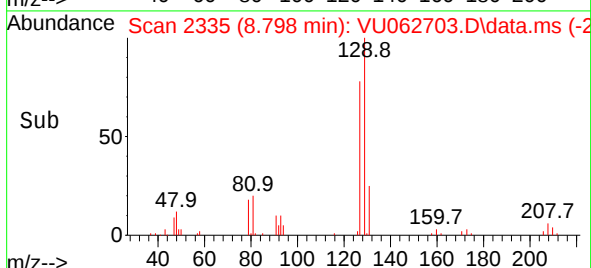
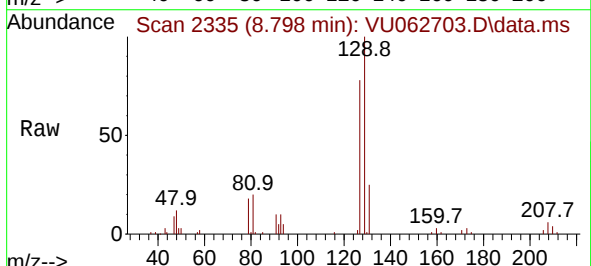


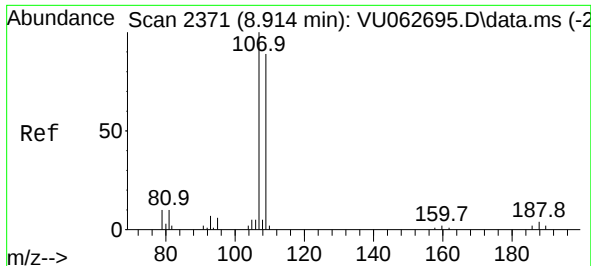
Tgt Ion: 43 Resp: 108818
Ion Ratio Lower Upper
43 100
58 62.7 50.2 75.4
57 23.3 19.9 29.9
100 15.8 12.6 18.8



#49
Dibromochloromethane
Concen: 5.461 ug/L
RT: 8.798 min Scan# 2335
Delta R.T. -0.000 min
Lab File: VU062703.D
Acq: 13 Jan 2025 08:44

Tgt Ion: 129 Resp: 36844
Ion Ratio Lower Upper
129 100
127 78.3 52.1 96.9





#50

1,2-Dibromoethane

Concen: 5.739 ug/L

RT: 8.913 min Scan# 2371

Delta R.T. -0.000 min

Lab File: VU062703.D

Acq: 13 Jan 2025 08:44

Instrument :

MSVOA_U

ClientSampleId :

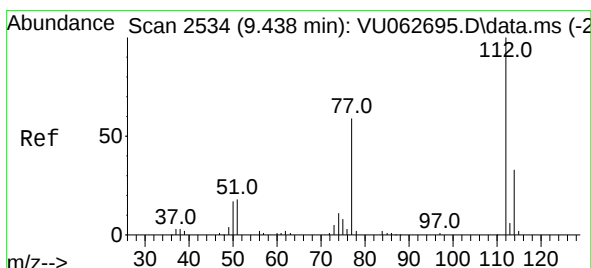
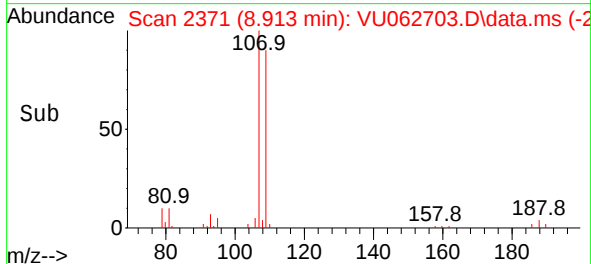
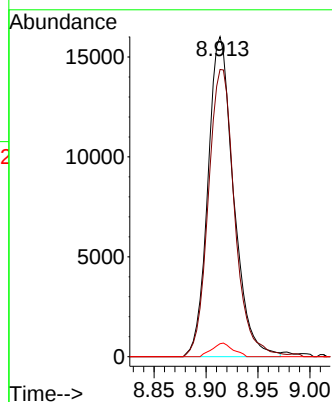
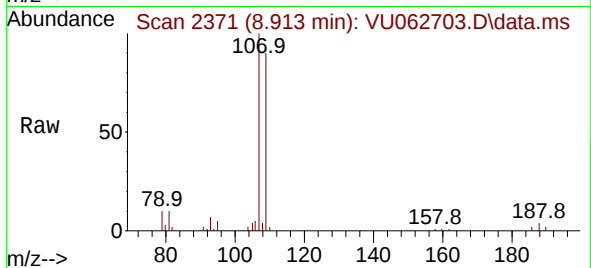
Tgt Ion:107 Resp: 27588

Ion Ratio Lower Upper

107 100

109 89.8 65.7 121.9

188 4.0 3.4 5.2



#51

Chlorobenzene

Concen: 5.438 ug/L

RT: 9.438 min Scan# 2534

Delta R.T. -0.000 min

Lab File: VU062703.D

Acq: 13 Jan 2025 08:44

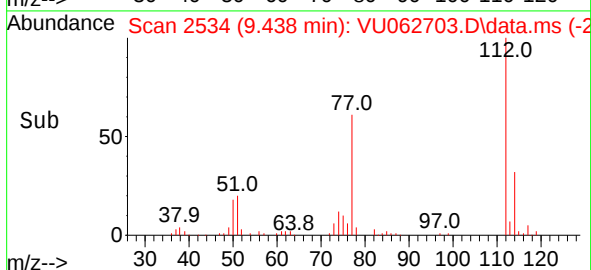
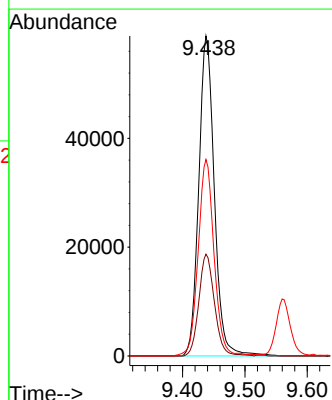
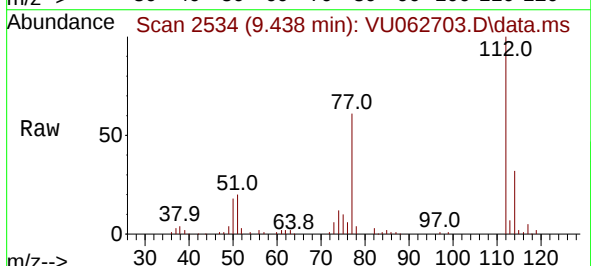
Tgt Ion:112 Resp: 102201

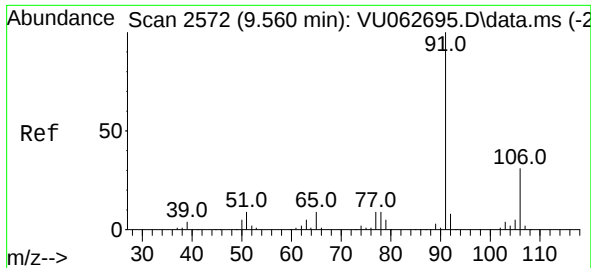
Ion Ratio Lower Upper

112 100

114 31.8 21.7 40.3

77 61.4 48.6 73.0

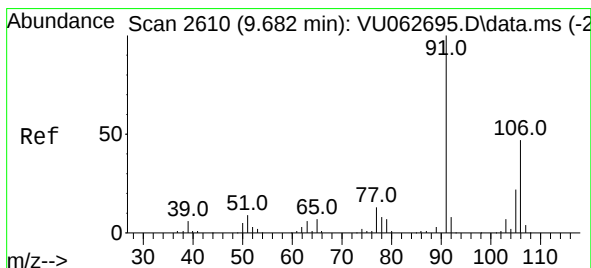
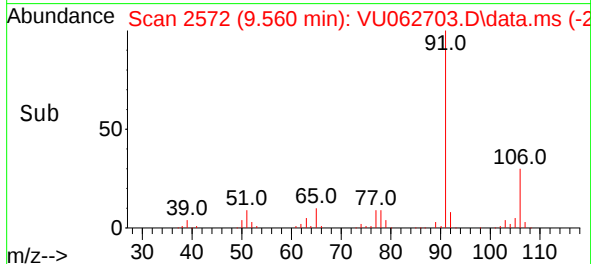
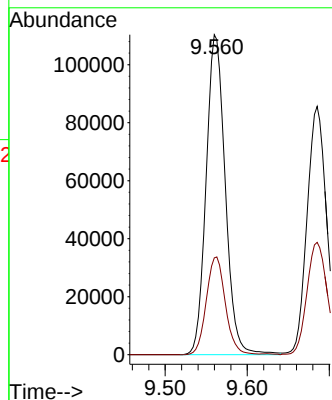
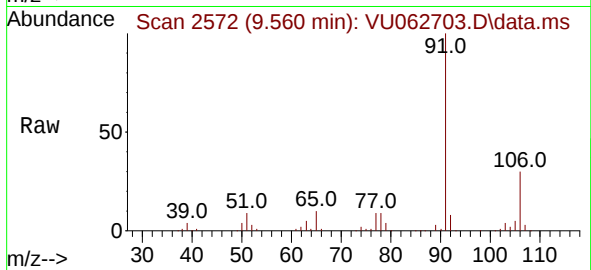




#52
Ethylbenzene
Concen: 5.491 ug/L
RT: 9.560 min Scan# 2572
Delta R.T. -0.000 min
Lab File: VU062703.D
Acq: 13 Jan 2025 08:44

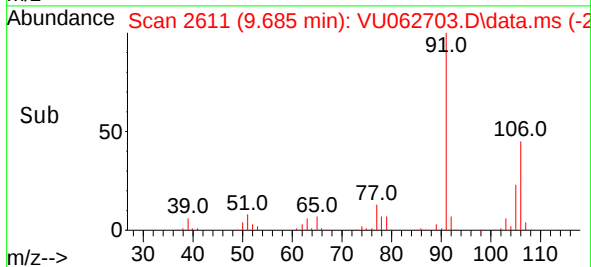
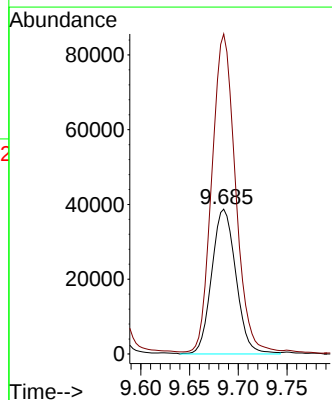
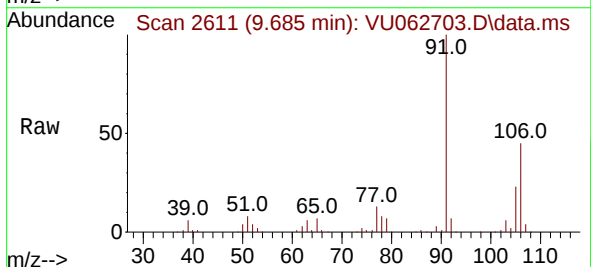
Instrument :
MSVOA_U
ClientSampleId :

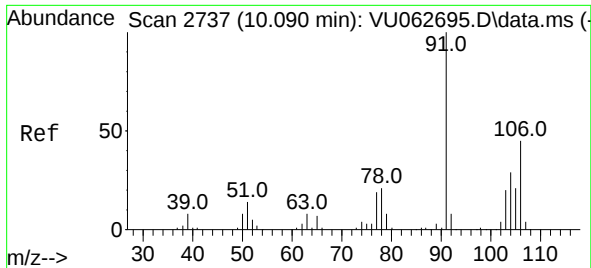
Tgt Ion: 91 Resp: 179068
Ion Ratio Lower Upper
91 100
106 30.3 21.9 40.7



#53
m,p-Xylene
Concen: 5.496 ug/L
RT: 9.685 min Scan# 2611
Delta R.T. 0.003 min
Lab File: VU062703.D
Acq: 13 Jan 2025 08:44

Tgt Ion:106 Resp: 67027
Ion Ratio Lower Upper
106 100
91 221.0 153.1 284.3

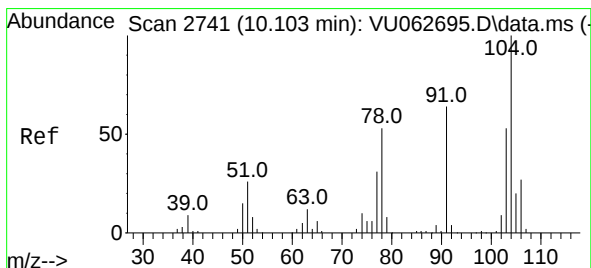
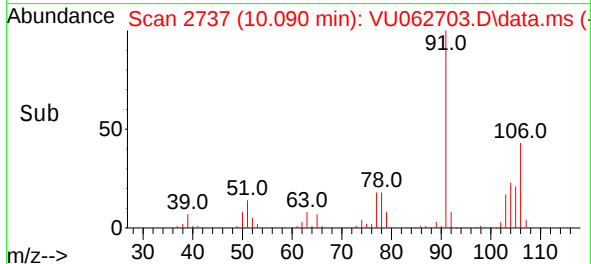
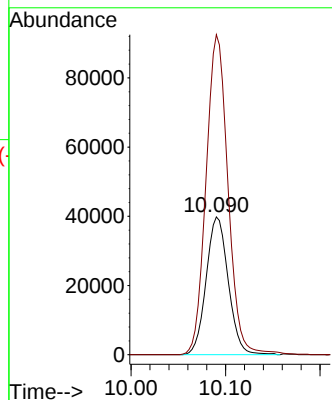
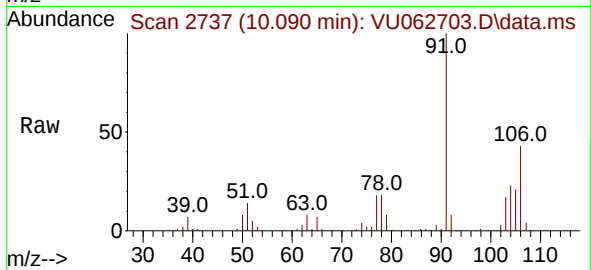




#54
o-Xylene
Concen: 5.540 ug/L
RT: 10.090 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU062703.D
Acq: 13 Jan 2025 08:44

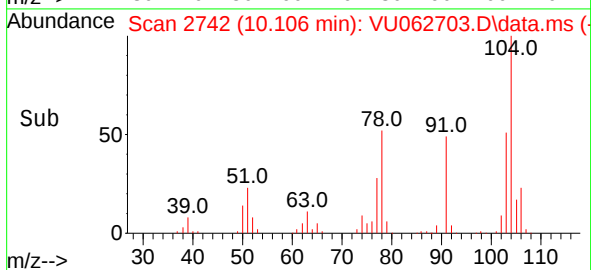
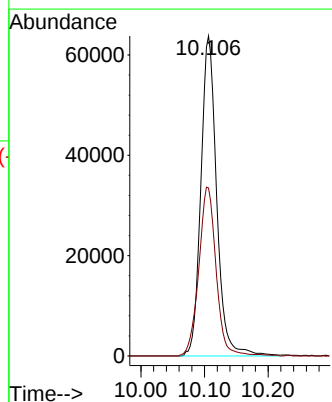
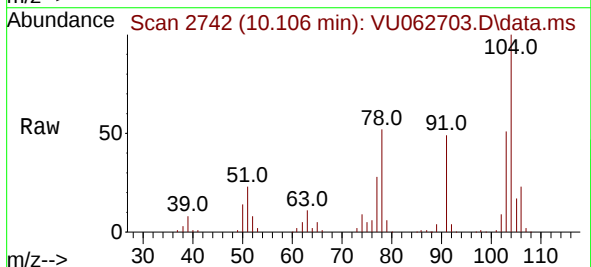
Instrument :
MSVOA_U
ClientSampleId :

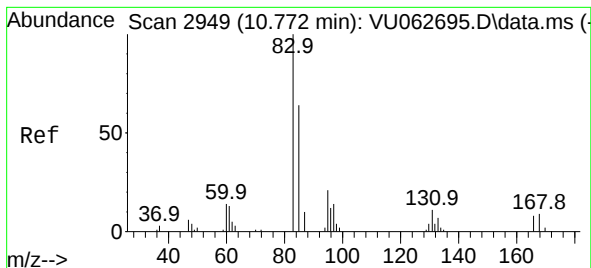
Tgt Ion:106 Resp: 64723
Ion Ratio Lower Upper
106 100
91 232.3 160.4 297.8



#55
Styrene
Concen: 5.653 ug/L
RT: 10.106 min Scan# 2742
Delta R.T. 0.003 min
Lab File: VU062703.D
Acq: 13 Jan 2025 08:44

Tgt Ion:104 Resp: 110467
Ion Ratio Lower Upper
104 100
78 52.5 35.5 65.9





#57

1,1,2,2-Tetrachloroethane

Concen: 5.558 ug/L

RT: 10.772 min Scan# 2949

Delta R.T. 0.003 min

Lab File: VU062703.D

Acq: 13 Jan 2025 08:44

Instrument :

MSVOA_U

ClientSampleId :

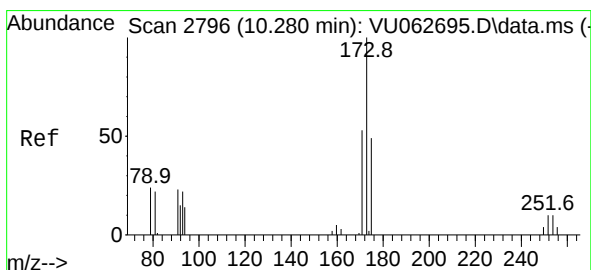
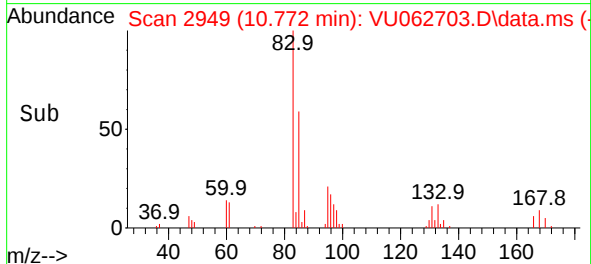
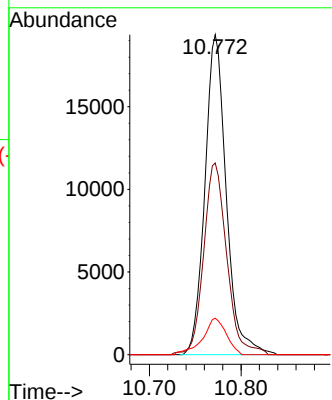
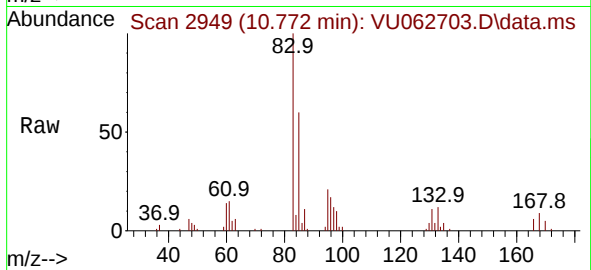
Tgt Ion: 83 Resp: 31325

Ion Ratio Lower Upper

83 100

85 59.9 43.0 79.8

131 11.4 7.4 11.0#



#59

Bromoform

Concen: 5.207 ug/L

RT: 10.283 min Scan# 2797

Delta R.T. 0.003 min

Lab File: VU062703.D

Acq: 13 Jan 2025 08:44

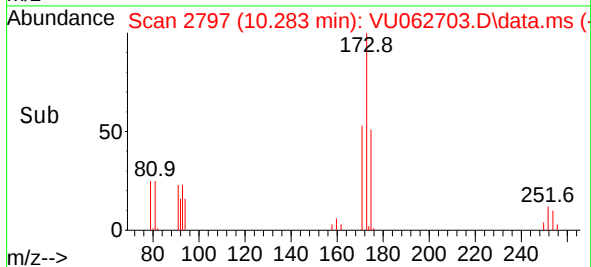
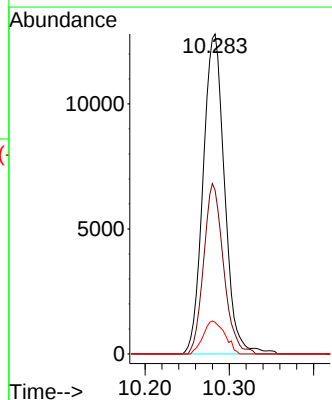
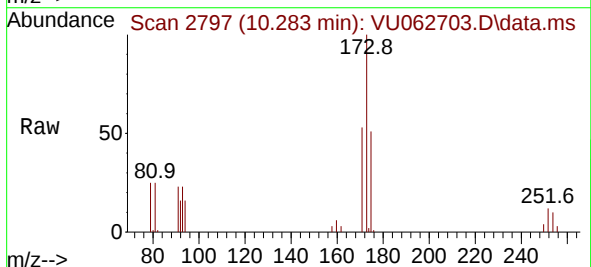
Tgt Ion:173 Resp: 22683

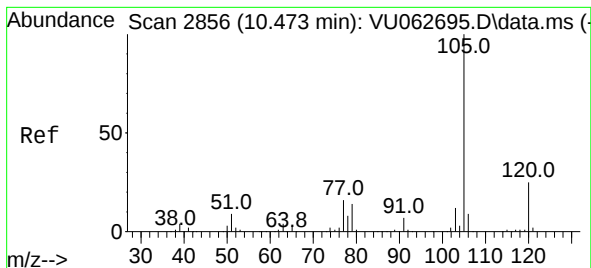
Ion Ratio Lower Upper

173 100

175 49.3 39.8 59.8

254 10.4 8.6 12.8





#60

Isopropylbenzene

Concen: 5.328 ug/L

RT: 10.476 min Scan# 2856

Delta R.T. 0.003 min

Lab File: VU062703.D

Acq: 13 Jan 2025 08:44

Instrument :

MSVOA_U

ClientSampleId :

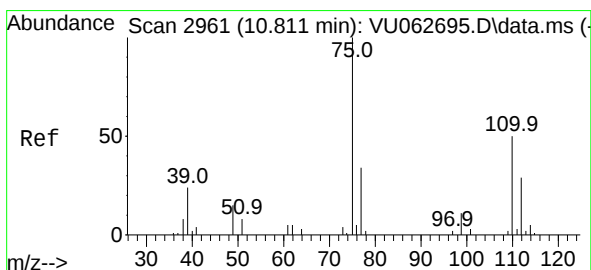
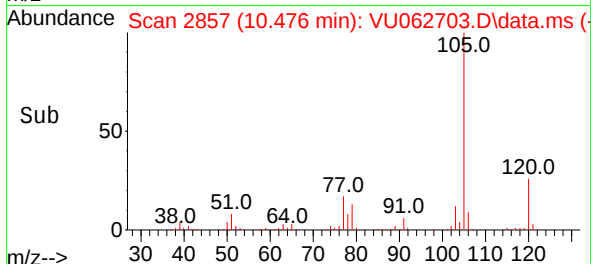
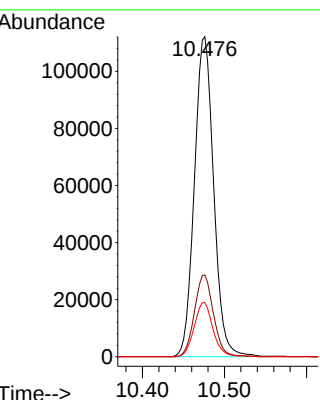
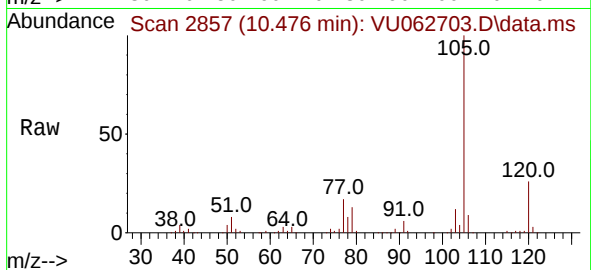
Tgt Ion:105 Resp: 183393

Ion Ratio Lower Upper

105 100

120 25.1 20.2 30.2

77 16.4 13.0 19.4



#61

1,2,3-Trichloropropane

Concen: 5.284 ug/L

RT: 10.814 min Scan# 2962

Delta R.T. 0.003 min

Lab File: VU062703.D

Acq: 13 Jan 2025 08:44

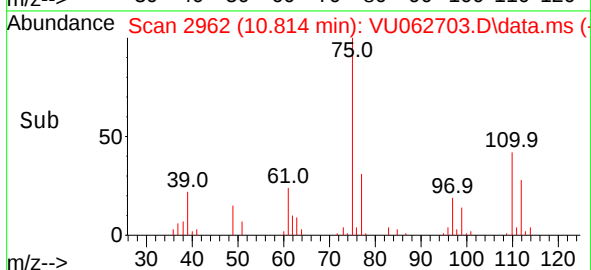
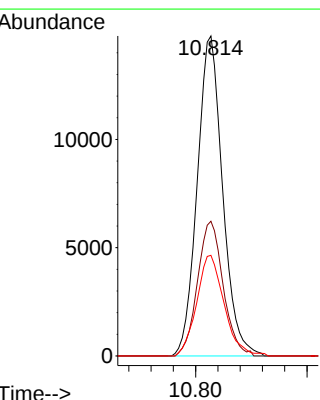
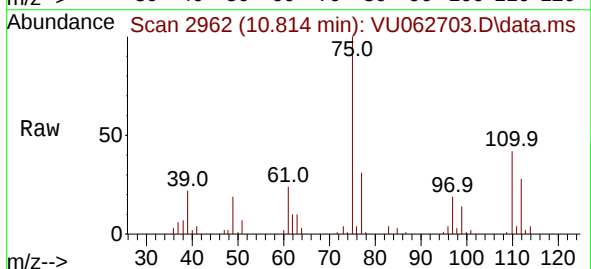
Tgt Ion: 75 Resp: 23409

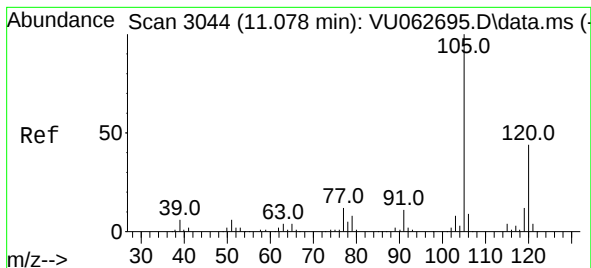
Ion Ratio Lower Upper

75 100

110 42.4 33.2 49.8

77 33.9 25.9 38.9





#62

1,3,5-Trimethylbenzene

Concen: 5.326 ug/L

RT: 11.077 min Scan# 3044

Delta R.T. -0.000 min

Lab File: VU062703.D

Acq: 13 Jan 2025 08:44

Instrument :

MSVOA_U

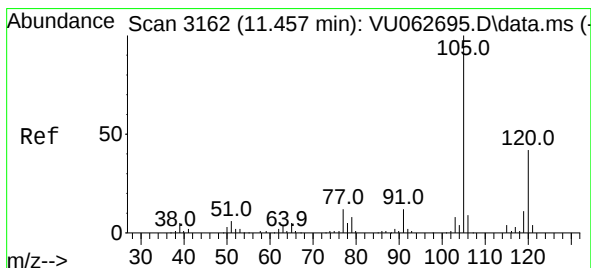
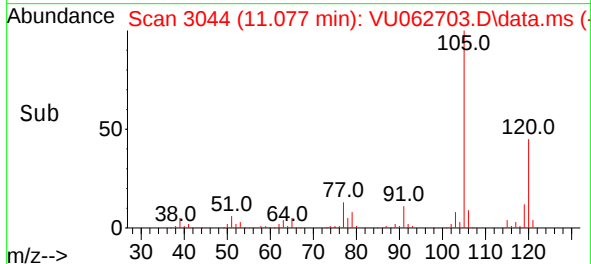
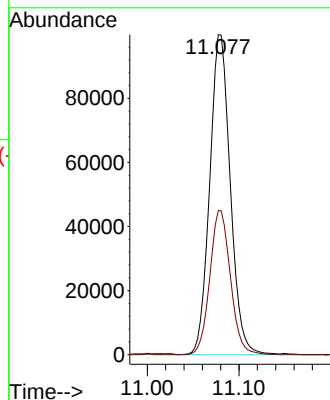
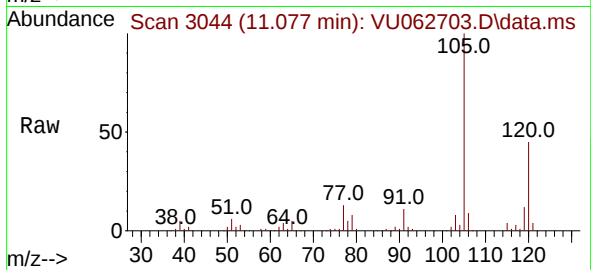
ClientSampleId :

Tgt Ion:105 Resp: 155820

Ion Ratio Lower Upper

105 100

120 45.1 35.9 53.9



#63

1,2,4-Trimethylbenzene

Concen: 5.325 ug/L

RT: 11.460 min Scan# 3163

Delta R.T. 0.003 min

Lab File: VU062703.D

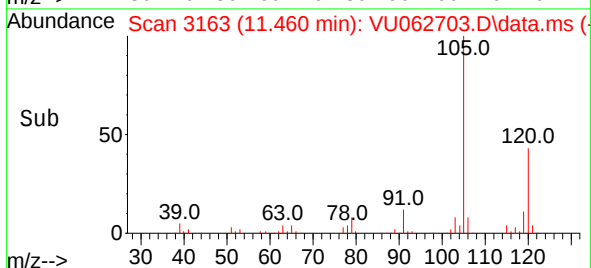
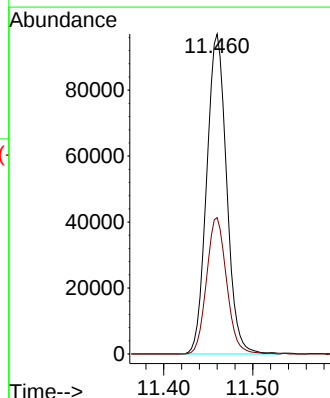
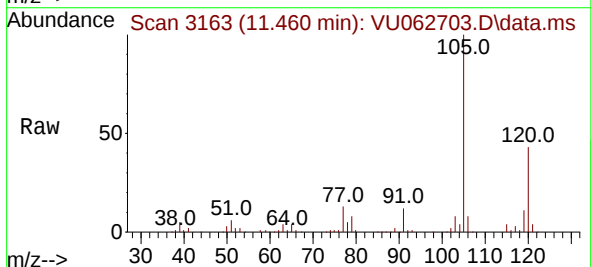
Acq: 13 Jan 2025 08:44

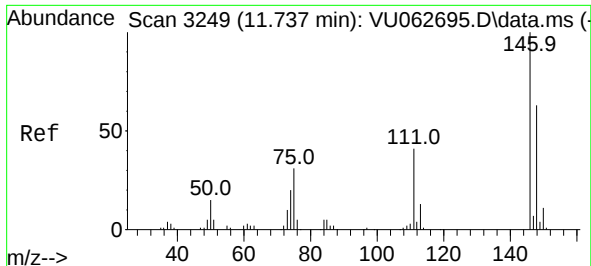
Tgt Ion:105 Resp: 150692

Ion Ratio Lower Upper

105 100

120 42.8 34.2 51.2





#64

1,3-Dichlorobenzene

Concen: 5.277 ug/L

RT: 11.736 min Scan# 3249

Delta R.T. -0.000 min

Lab File: VU062703.D

Acq: 13 Jan 2025 08:44

Instrument :

MSVOA_U

ClientSampleId :

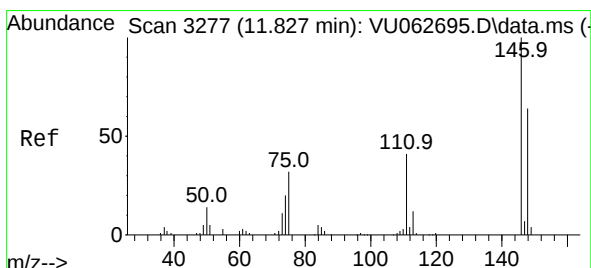
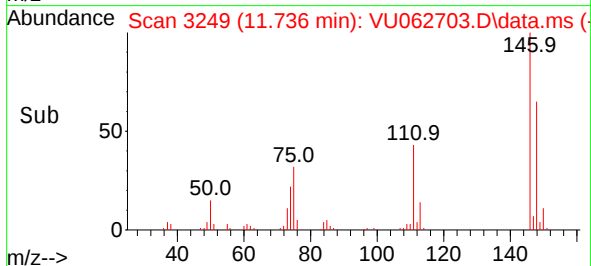
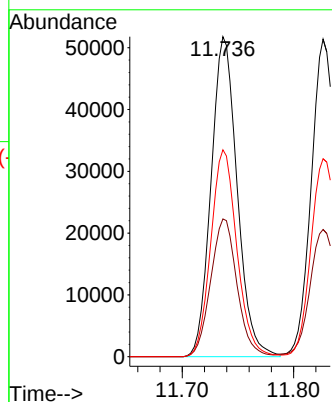
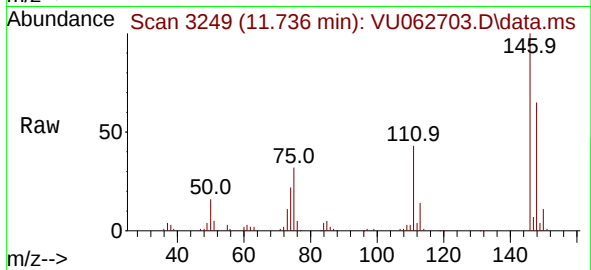
Tgt Ion:146 Resp: 84199

Ion Ratio Lower Upper

146 100

111 43.1 28.6 53.0

148 64.7 44.0 81.6



#65

1,4-Dichlorobenzene

Concen: 5.225 ug/L

RT: 11.826 min Scan# 3277

Delta R.T. -0.000 min

Lab File: VU062703.D

Acq: 13 Jan 2025 08:44

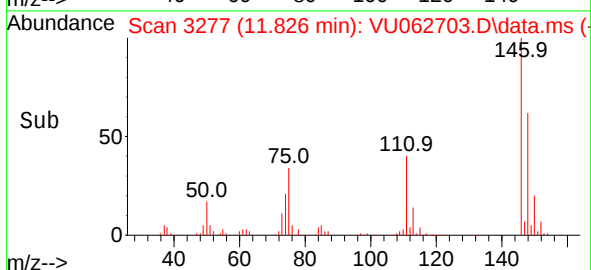
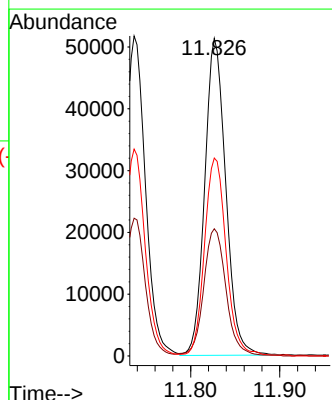
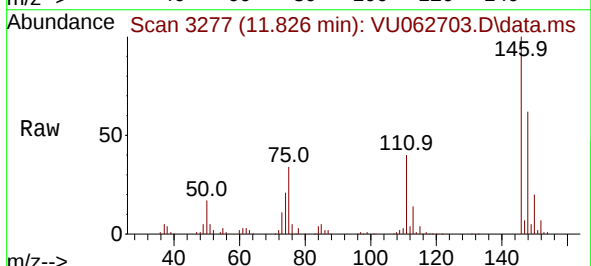
Tgt Ion:146 Resp: 84070

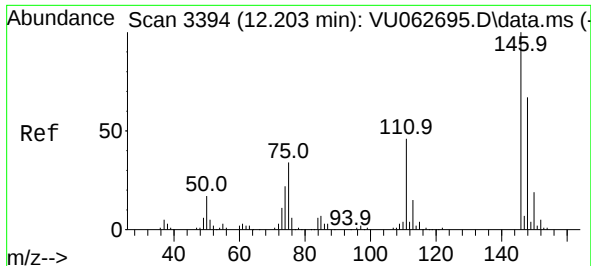
Ion Ratio Lower Upper

146 100

111 40.0 29.5 54.9

148 62.3 45.1 83.9





#67

1,2-Dichlorobenzene

Concen: 5.151 ug/L

RT: 12.203 min Scan# 3394

Delta R.T. -0.000 min

Lab File: VU062703.D

Acq: 13 Jan 2025 08:44

Instrument :

MSVOA_U

ClientSampleId :

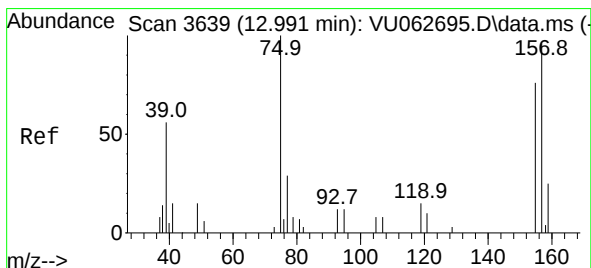
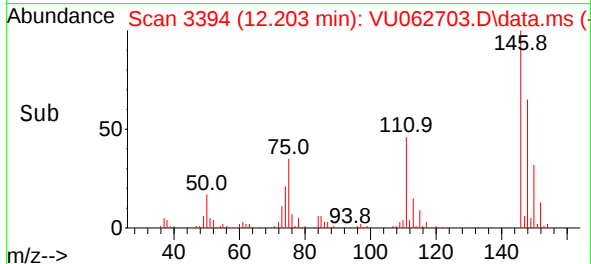
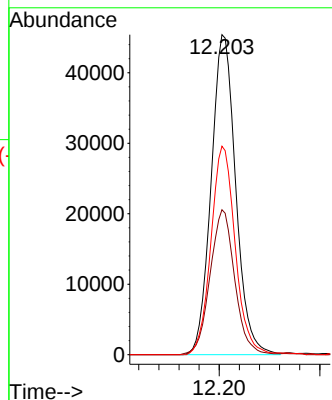
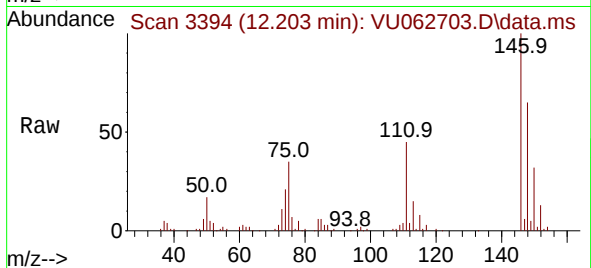
Tgt Ion:146 Resp: 77035

Ion Ratio Lower Upper

146 100

111 45.3 36.3 54.5

148 65.2 52.0 78.0



#68

1,2-Dibromo-3-chloropropane

Concen: 5.307 ug/L

RT: 12.990 min Scan# 3639

Delta R.T. 0.003 min

Lab File: VU062703.D

Acq: 13 Jan 2025 08:44

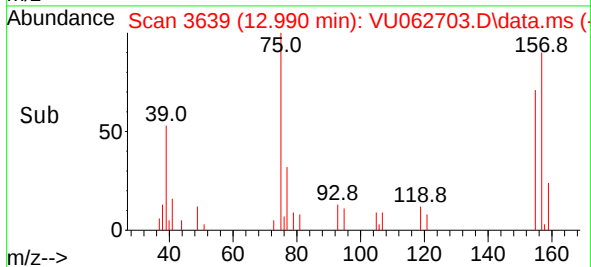
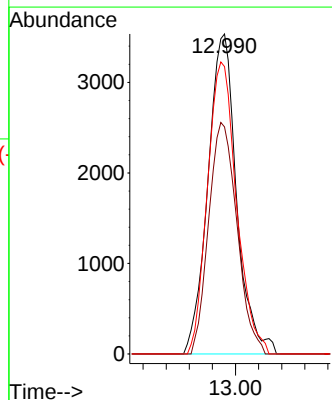
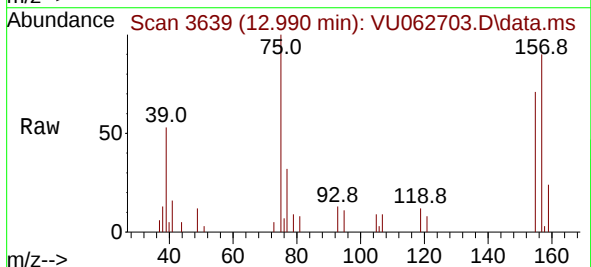
Tgt Ion: 75 Resp: 6090

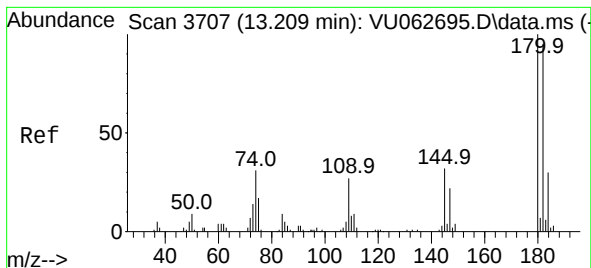
Ion Ratio Lower Upper

75 100

155 71.0 59.6 89.4

157 89.8 70.8 106.2





#69

1,3,5-Trichlorobenzene

Concen: 5.193 ug/L

RT: 13.212 min Scan# 3

Delta R.T. 0.003 min

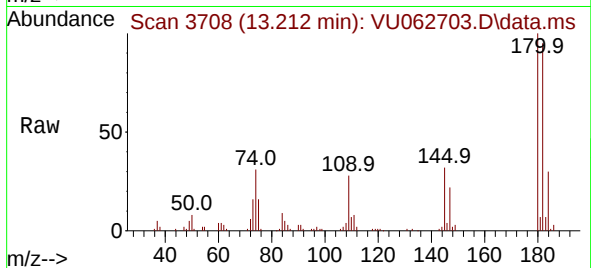
Lab File: VU062703.D

Acq: 13 Jan 2025 08:44

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 62404

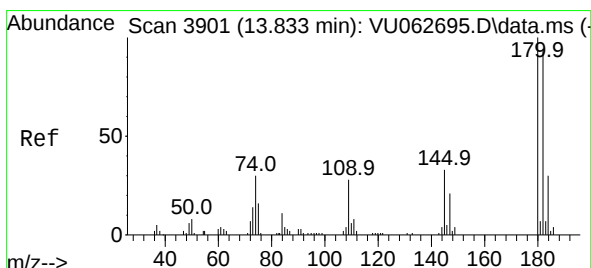
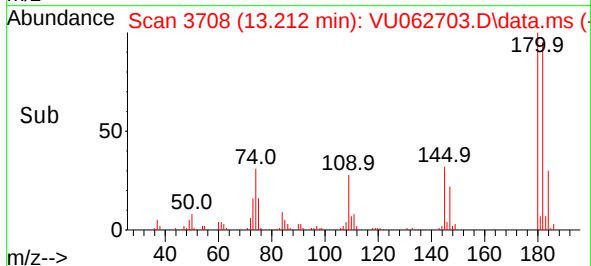
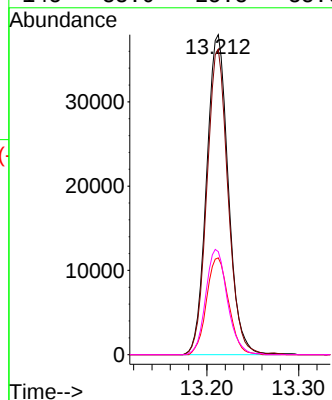
Ion Ratio Lower Upper

180 100

182 93.1 75.8 113.8

184 30.8 24.7 37.1

145 33.0 25.8 38.6



#70

1,2,4-trichlorobenzene

Concen: 4.588 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. -0.000 min

Lab File: VU062703.D

Acq: 13 Jan 2025 08:44

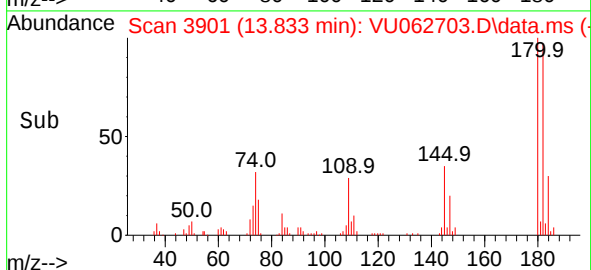
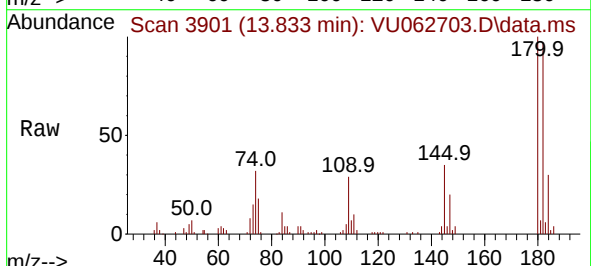
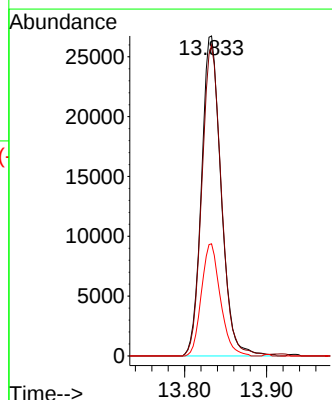
Tgt Ion:180 Resp: 44409

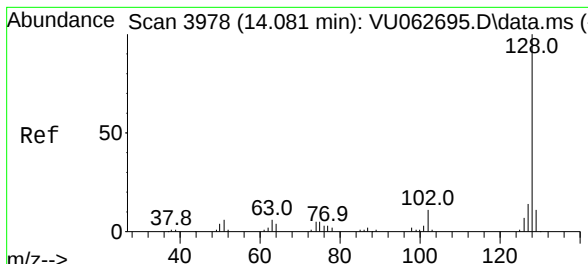
Ion Ratio Lower Upper

180 100

182 96.7 77.1 115.7

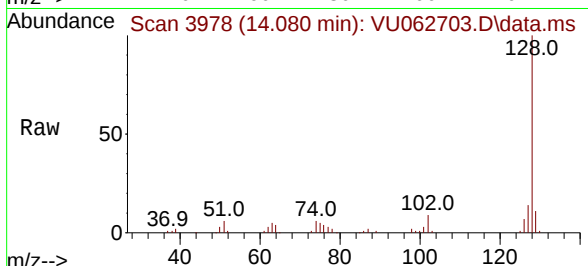
145 33.8 26.9 40.3



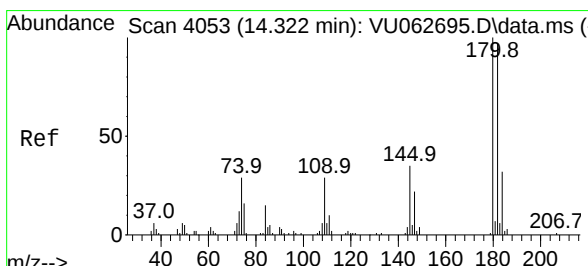
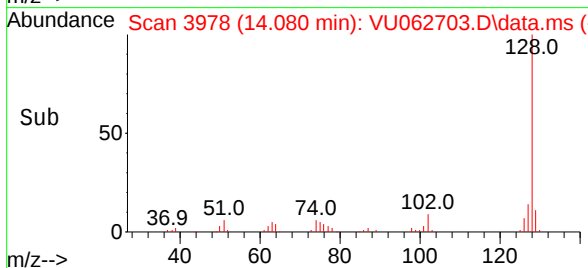
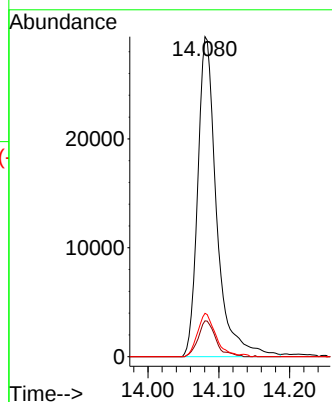


#71
Naphthalene
Concen: 3.834 ug/L
RT: 14.080 min Scan# 3978
Delta R.T. -0.000 min
Lab File: VU062703.D
Acq: 13 Jan 2025 08:44

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 54295
Ion Ratio Lower Upper
128 100
129 10.5 8.5 12.7
127 13.0 10.2 15.2



#72
1,2,3-Trichlorobenzene
Concen: 4.319 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. -0.000 min
Lab File: VU062703.D
Acq: 13 Jan 2025 08:44

Tgt Ion:180 Resp: 36439
Ion Ratio Lower Upper
180 100
182 99.4 79.8 119.6
145 35.3 29.2 43.8

