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 Data File : VU062754.D
 Acq On : 14 Jan 2025 19:55
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 15 00:38:38 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 15 00:31:11 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	96898	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	91998	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	49896	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	17601	3.280	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	65.600%
7) Chloroethane-d5	1.904	69	17152	3.973	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.400%
11) 1,1-Dichloroethene-d2	2.557	65	9980	3.590	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.800%
20) 2-Butanone-d5	4.605	46	59872	54.586	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.180%
24) Chloroform-d	5.049	84	62699	4.749	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.000%
26) 1,2-Dichloroethane-d4	5.692	65	34833	4.864	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.200%
32) Benzene-d6	5.714	84	95210	4.234	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.600%
36) 1,2-Dichloropropane-d6	6.679	67	29023	4.655	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.000%
41) Toluene-d8	7.888	98	93964	4.289	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.800%
43) trans-1,3-Dichloroprop...	8.171	79	14893	4.792	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.800%
46) 2-Hexanone-d5	8.621	63	52534	53.743	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.480%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	28556	5.469	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.400%
66) 1,2-Dichlorobenzene-d4	12.183	152	38277	4.611	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	47279	5.122	ug/L	99
3) Chloromethane	1.518	50	28378	4.581	ug/L	96
5) Vinyl chloride	1.599	62	33091	4.744	ug/L	91
6) Bromomethane	1.843	94	11236	2.214	ug/L	91
8) Chloroethane	1.923	64	20419	4.872	ug/L	98
9) Trichlorofluoromethane	2.129	101	72314	5.139	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	35332	5.197	ug/L	98
12) 1,1-Dichloroethene	2.570	96	31524	5.241	ug/L	92
13) Acetone	2.611	43	40736	46.883	ug/L	97
14) Carbon disulfide	2.782	76	92880	4.834	ug/L	99
15) Methyl Acetate	2.939	43	9534	5.068	ug/L	96
16) Methylene chloride	3.033	84	33676	5.111	ug/L	99
17) Methyl tert-butyl Ether	3.348	73	86511	5.233	ug/L	100
18) trans-1,2-Dichloroethene	3.341	96	32529	5.048	ug/L	97
19) 1,1-Dichloroethane	3.853	63	59003	5.121	ug/L	95
21) 2-Butanone	4.685	43	60839	52.575	ug/L	100
22) cis-1,2-Dichloroethene	4.653	96	37754	5.380	ug/L	97
23) Bromochloromethane	4.959	128	16924	5.108	ug/L	93
25) Chloroform	5.074	83	70941	5.003	ug/L	99

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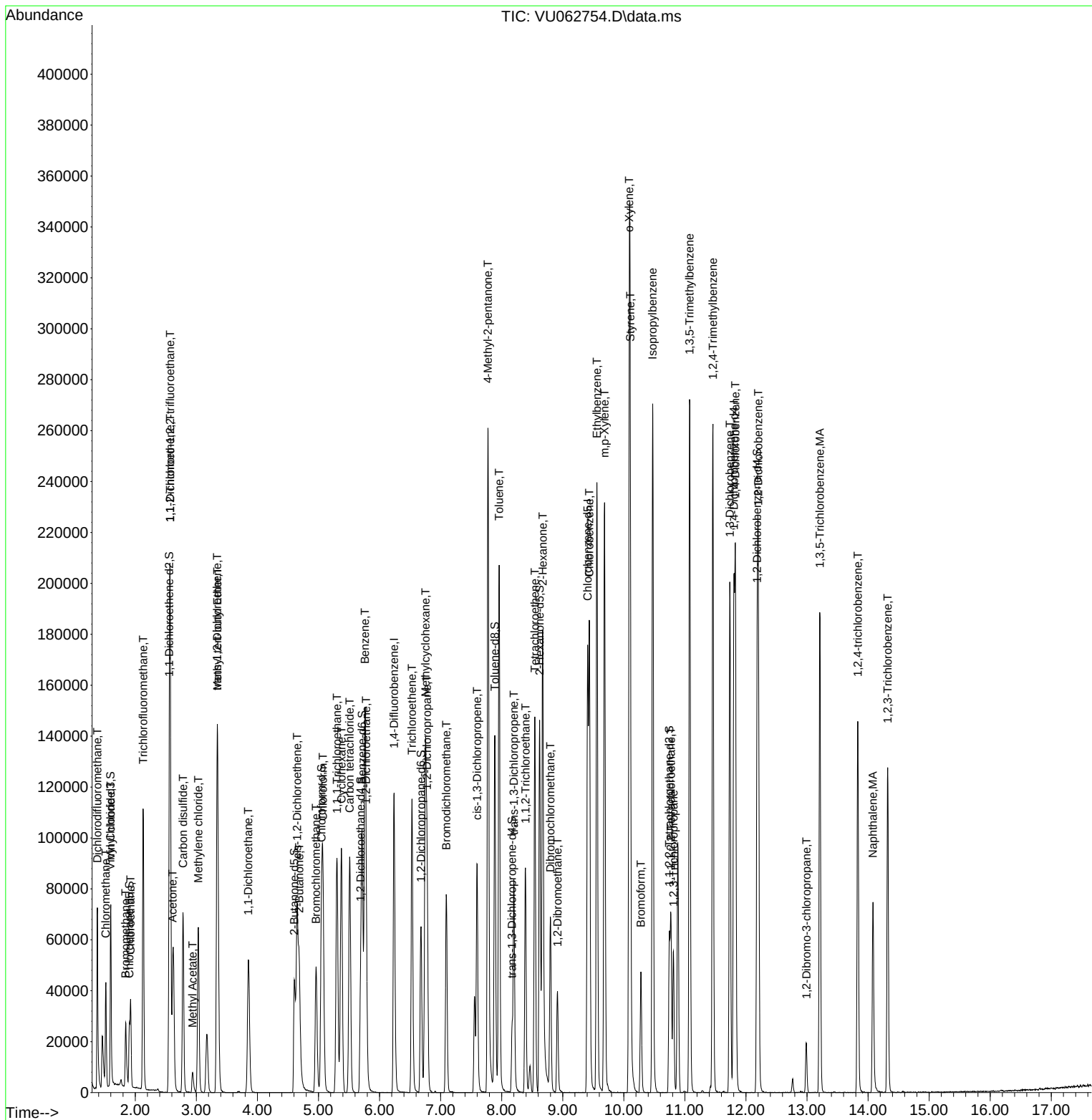
Instrument :
 MSVOA_U
 ClientSampleId :

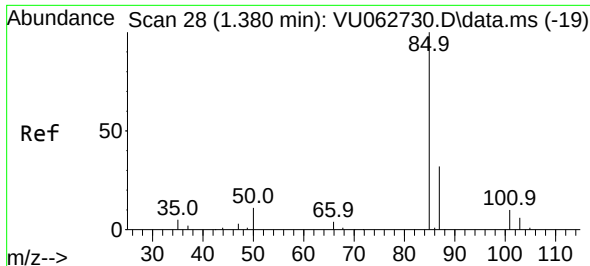
Quant Time: Jan 15 00:38:38 2025
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 15 00:31:11 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.782	62	47762	5.151	ug/L	100
29) 1,1,1-Trichloroethane	5.303	97	70802	5.074	ug/L	99
30) Cyclohexane	5.377	56	45446	4.987	ug/L	93
31) Carbon tetrachloride	5.512	117	67981	5.301	ug/L	96
33) Benzene	5.762	78	131711	4.983	ug/L	100
34) Trichloroethene	6.531	95	39313	4.354	ug/L	98
35) Methylcyclohexane	6.753	83	55584	5.003	ug/L	99
37) 1,2-Dichloropropane	6.778	63	31346	5.027	ug/L	98
38) Bromodichloromethane	7.094	83	52446	5.230	ug/L	97
39) cis-1,3-Dichloropropene	7.598	75	55144	5.194	ug/L	98
40) 4-Methyl-2-pentanone	7.775	43	148257	50.901	ug/L	98
42) Toluene	7.958	91	151153	5.219	ug/L	98
44) trans-1,3-Dichloropropene	8.200	75	49837	5.446	ug/L	99
45) 1,1,2-Trichloroethane	8.389	97	26264	5.186	ug/L	98
47) Tetrachloroethene	8.544	164	32382	5.207	ug/L	96
48) 2-Hexanone	8.672	43	103559	49.455	ug/L	97
49) Dibromochloromethane	8.798	129	36122	5.313	ug/L	98
50) 1,2-Dibromoethane	8.913	107	26548	5.479	ug/L	95
51) Chlorobenzene	9.438	112	98574	5.204	ug/L	99
52) Ethylbenzene	9.560	91	172999	5.263	ug/L	100
53) m,p-Xylene	9.685	106	64258	5.227	ug/L	95
54) o-Xylene	10.090	106	62544	5.312	ug/L	97
55) Styrene	10.106	104	107629	5.465	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.772	83	30265	5.328	ug/L #	88
59) Bromoform	10.280	173	22326	5.130	ug/L	96
60) Isopropylbenzene	10.473	105	178261	5.184	ug/L	100
61) 1,2,3-Trichloropropane	10.814	75	22522	5.089	ug/L	98
62) 1,3,5-Trimethylbenzene	11.077	105	154217	5.277	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	148290	5.245	ug/L	99
64) 1,3-Dichlorobenzene	11.736	146	83020	5.208	ug/L	98
65) 1,4-Dichlorobenzene	11.826	146	82570	5.137	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	75572	5.058	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.990	75	5975	5.212	ug/L	95
69) 1,3,5-Trichlorobenzene	13.209	180	60522	5.041	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	46040	4.761	ug/L	99
71) Naphthalene	14.080	128	67825	4.794	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	39680	4.708	ug/L	98

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

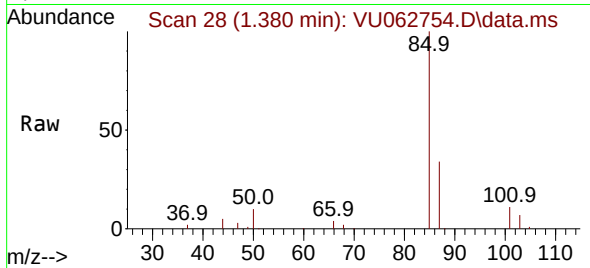
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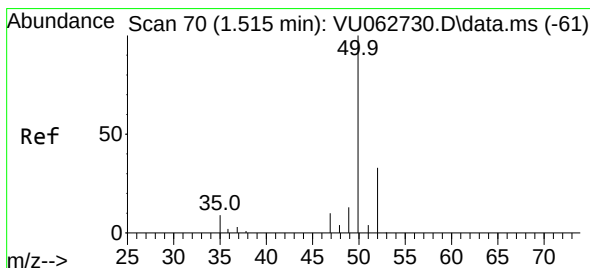
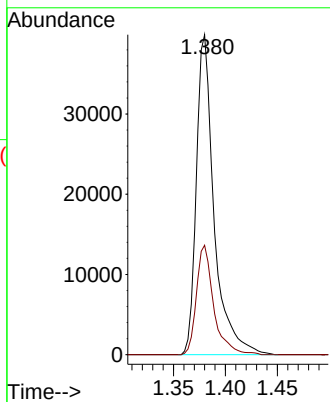
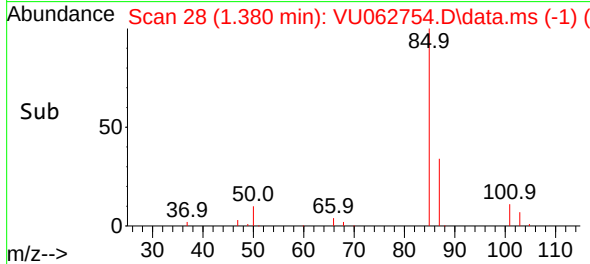


#2
 Dichlorodifluoromethane
 Concen: 5.122 ug/L
 RT: 1.380 min Scan# 28
 Delta R.T. -0.000 min
 Lab File: VU062754.D
 Acq: 14 Jan 2025 19:55

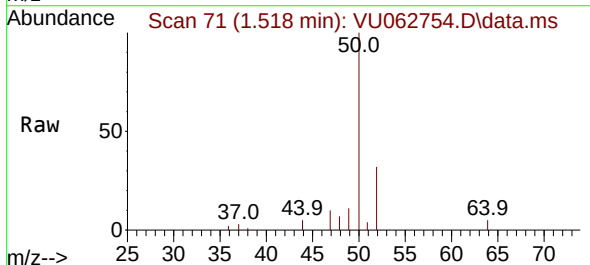
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 MSVOA_U
 ClientSampleId :



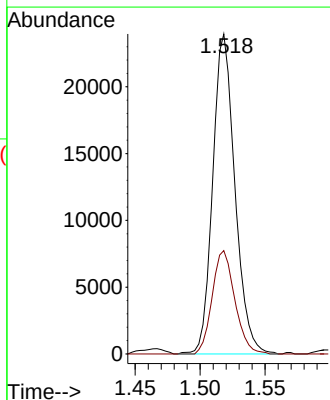
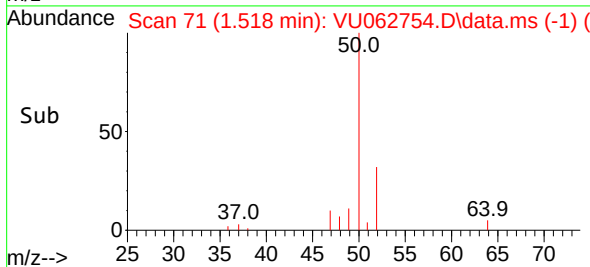
Tgt Ion: 85 Resp: 47279
 Ion Ratio Lower Upper
 85 100
 87 33.3 26.1 39.1

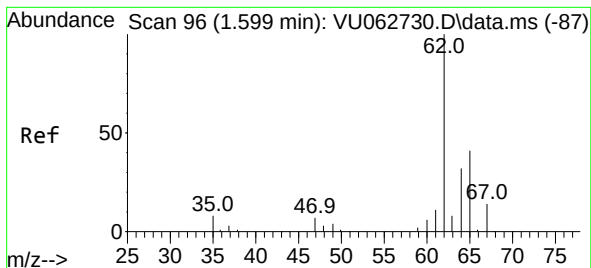


#3
 Chloromethane
 Concen: 4.581 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. 0.003 min
 Lab File: VU062754.D
 Acq: 14 Jan 2025 19:55



Tgt Ion: 50 Resp: 28378
 Ion Ratio Lower Upper
 50 100
 52 32.3 24.1 44.7





#5

Vinyl chloride

Concen: 4.744 ug/L

RT: 1.599 min Scan# 90

Delta R.T. -0.000 min

Lab File: VU062754.D

Acq: 14 Jan 2025 19:55

Instrument :

MSVOA_U

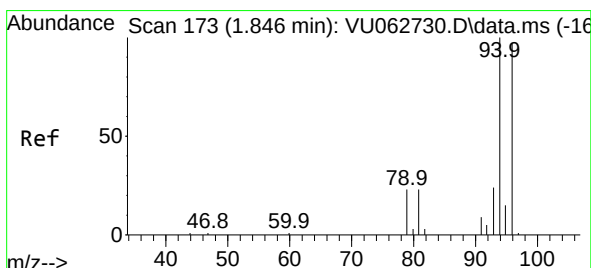
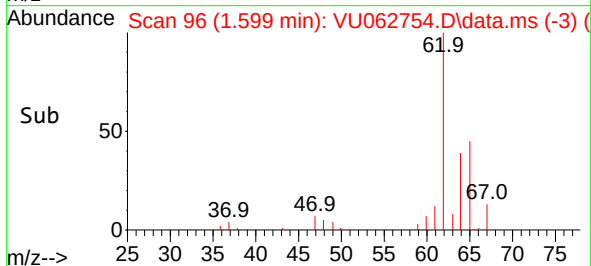
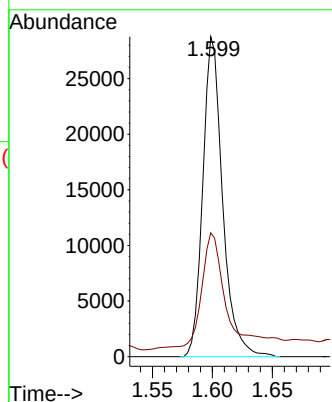
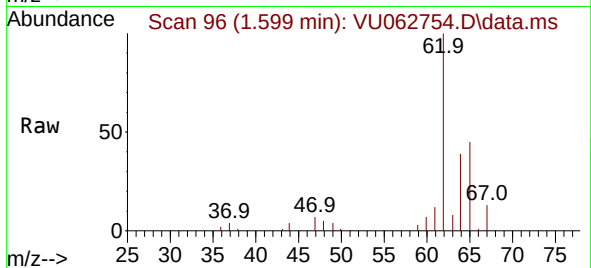
ClientSampleId :

Tgt Ion: 62 Resp: 33091

Ion Ratio Lower Upper

62 100

64 38.7 23.4 43.4



#6

Bromomethane

Concen: 2.214 ug/L

RT: 1.843 min Scan# 172

Delta R.T. -0.003 min

Lab File: VU062754.D

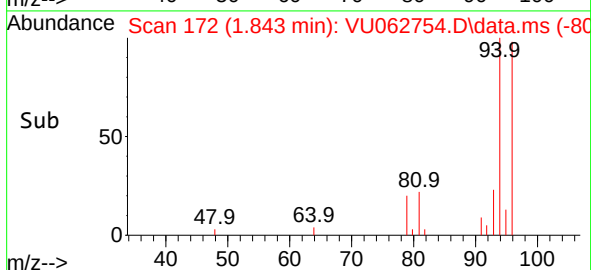
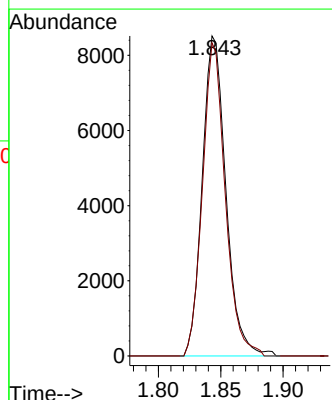
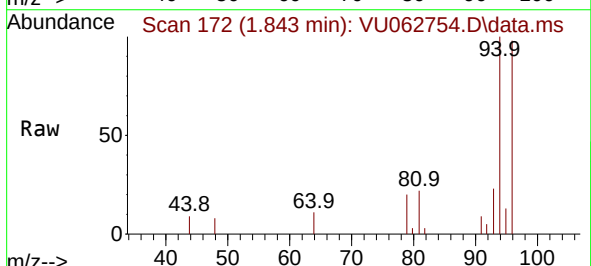
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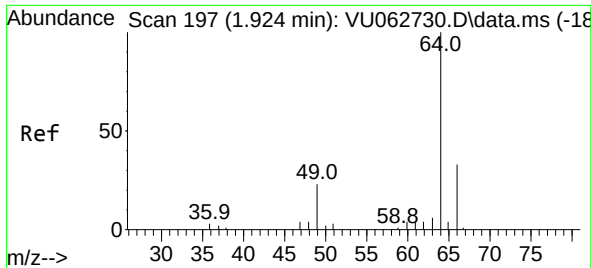
Tgt Ion: 94 Resp: 11236

Ion Ratio Lower Upper

94 100

96 97.9 62.9 116.7

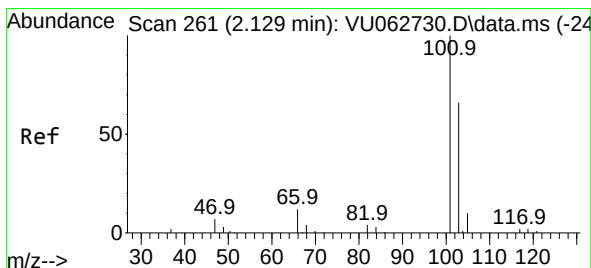
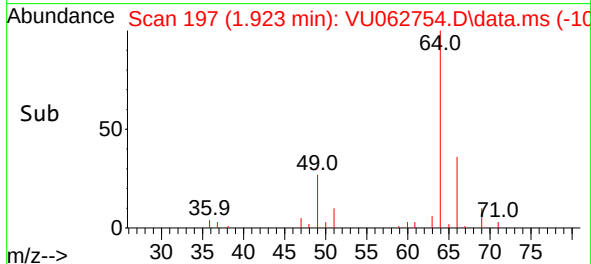
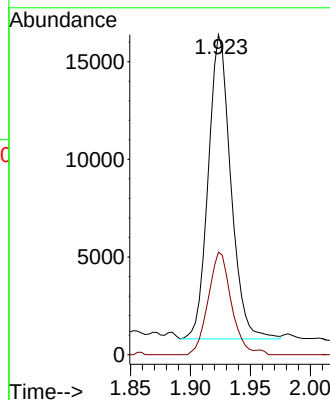
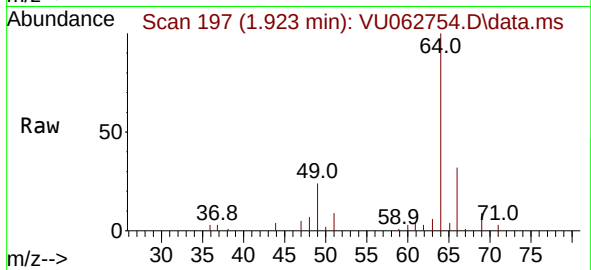




#8
Chloroethane
Concen: 4.872 ug/L
RT: 1.923 min Scan# 197
Delta R.T. -0.000 min
Lab File: VU062754.D
Acq: 14 Jan 2025 19:55

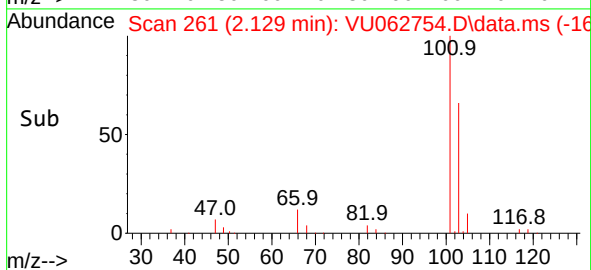
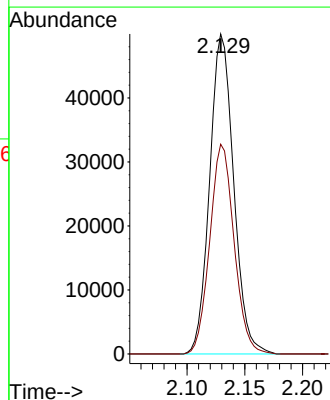
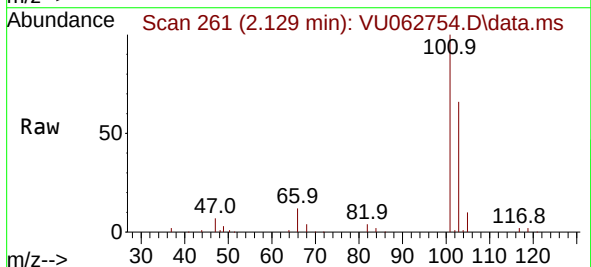
Instrument :
MSVOA_U
ClientSampleId :

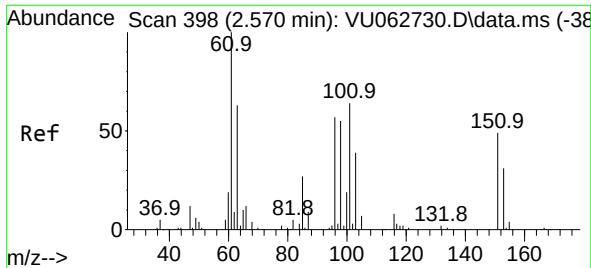
Tgt Ion: 64 Resp: 20419
Ion Ratio Lower Upper
64 100
66 32.0 21.6 40.2



#9
Trichlorofluoromethane
Concen: 5.139 ug/L
RT: 2.129 min Scan# 261
Delta R.T. -0.000 min
Lab File: VU062754.D
Acq: 14 Jan 2025 19:55

Tgt Ion:101 Resp: 72314
Ion Ratio Lower Upper
101 100
103 66.3 51.4 77.0

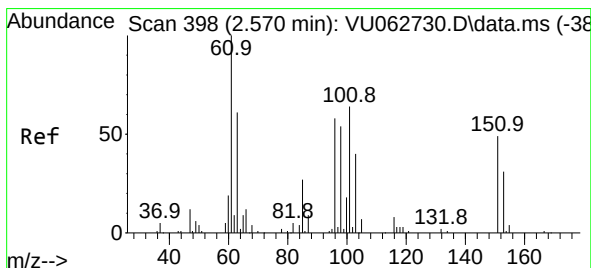
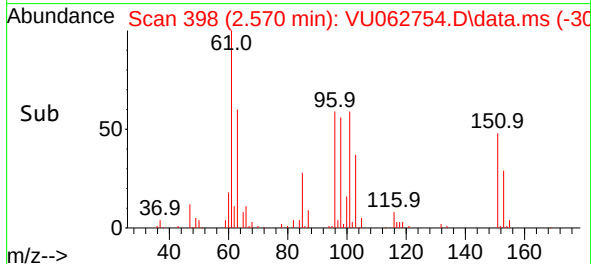
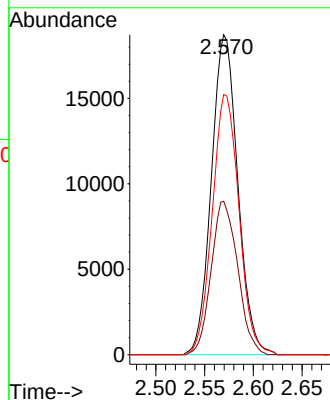
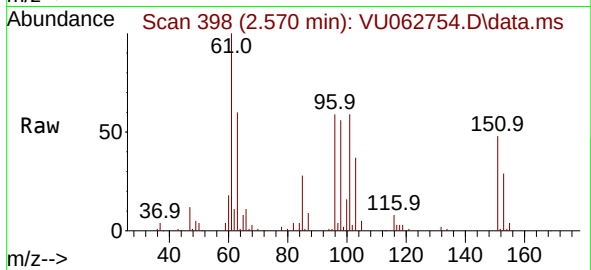




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.197 ug/L
 RT: 2.570 min Scan# 398
 Delta R.T. -0.000 min
 Lab File: VU062754.D
 Acq: 14 Jan 2025 19:55

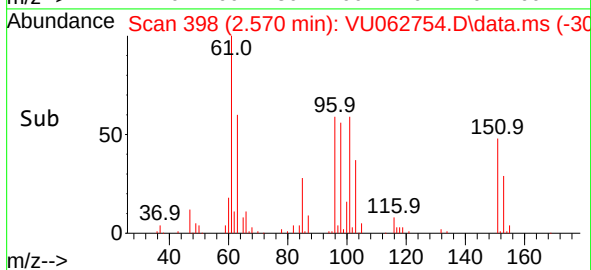
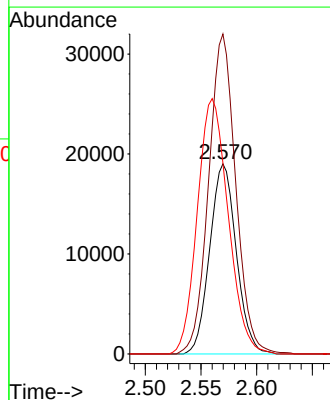
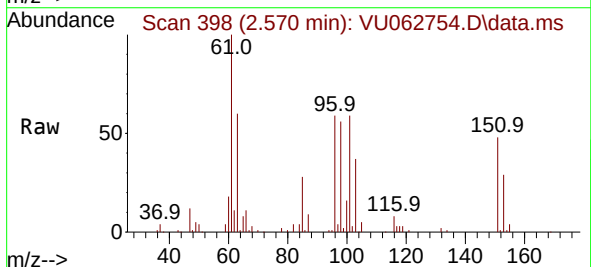
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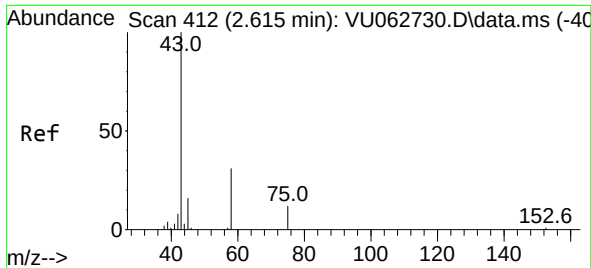
Tgt Ion:101 Resp: 35332
 Ion Ratio Lower Upper
 101 100
 85 48.1 37.0 55.6
 151 82.3 64.4 96.6



#12
 1,1-Dichloroethene
 Concen: 5.241 ug/L
 RT: 2.570 min Scan# 398
 Delta R.T. -0.000 min
 Lab File: VU062754.D
 Acq: 14 Jan 2025 19:55

Tgt Ion: 96 Resp: 31524
 Ion Ratio Lower Upper
 96 100
 61 168.4 120.4 223.6
 63 100.5 82.3 152.9





#13

Acetone

Concen: 46.883 ug/L

RT: 2.611 min Scan# 411

Delta R.T. -0.003 min

Lab File: VU062754.D

Acq: 14 Jan 2025 19:55

Instrument :

MSVOA_U

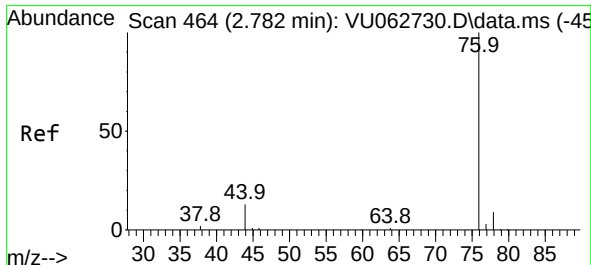
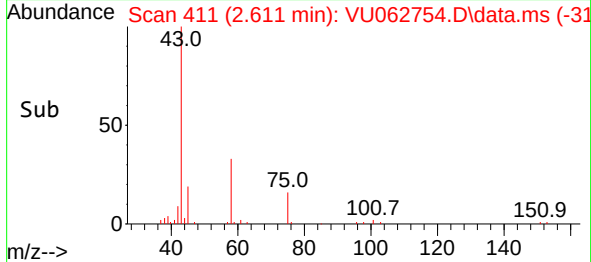
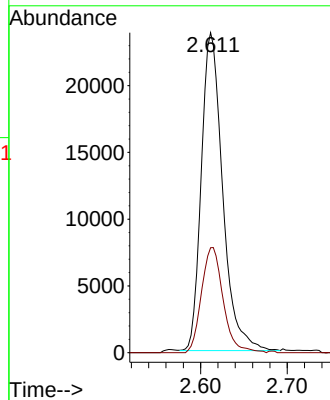
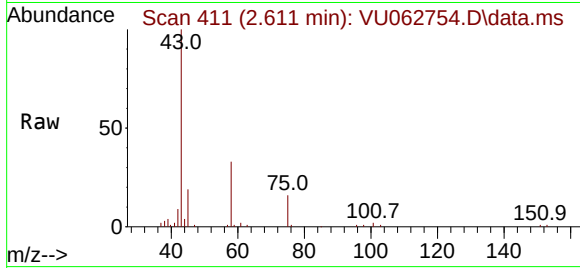
ClientSampleId :

Tgt Ion: 43 Resp: 40736

Ion Ratio Lower Upper

43 100

58 33.6 0.0 64.4



#14

Carbon disulfide

Concen: 4.834 ug/L

RT: 2.782 min Scan# 464

Delta R.T. -0.000 min

Lab File: VU062754.D

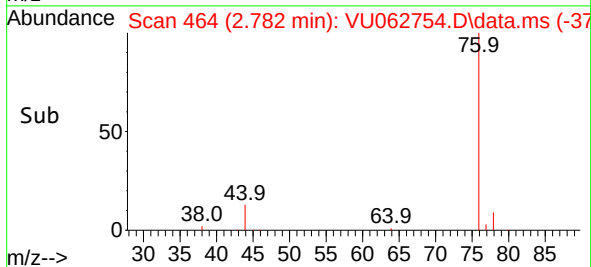
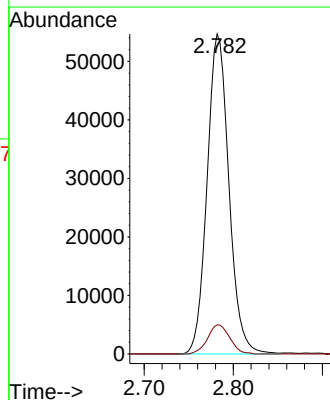
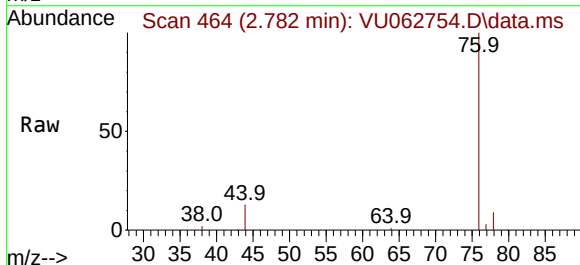
Acq: 14 Jan 2025 19:55

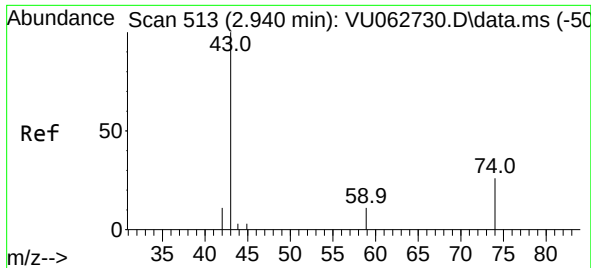
Tgt Ion: 76 Resp: 92880

Ion Ratio Lower Upper

76 100

78 9.1 7.0 10.6

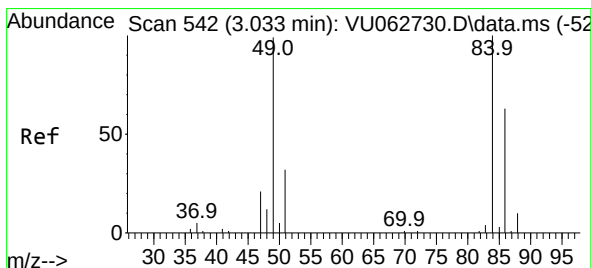
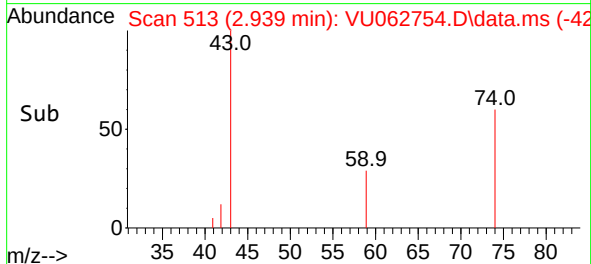
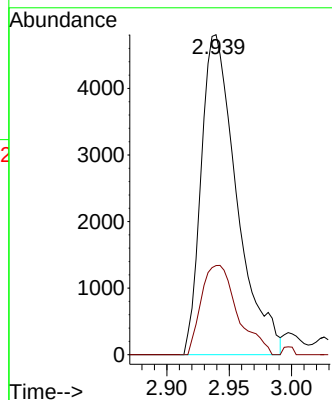
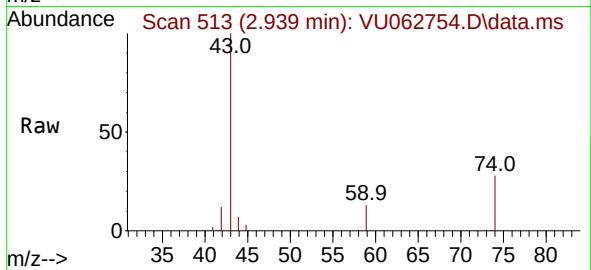




#15
Methyl Acetate
Concen: 5.068 ug/L
RT: 2.939 min Scan# 513
Delta R.T. -0.000 min
Lab File: VU062754.D
Acq: 14 Jan 2025 19:55

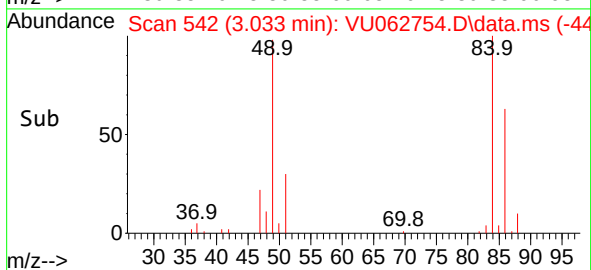
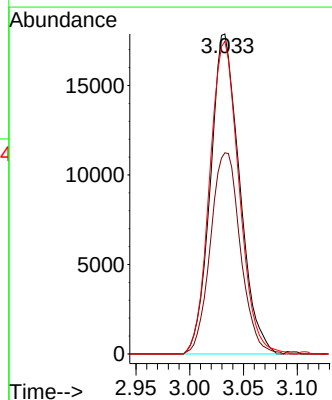
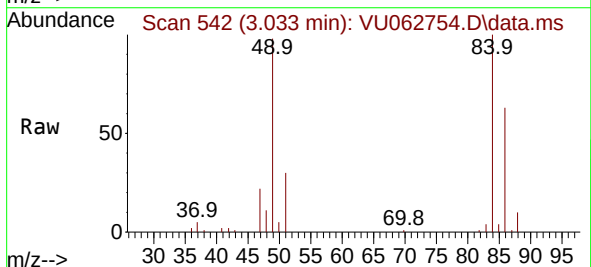
Instrument :
MSVOA_U
ClientSampleId :

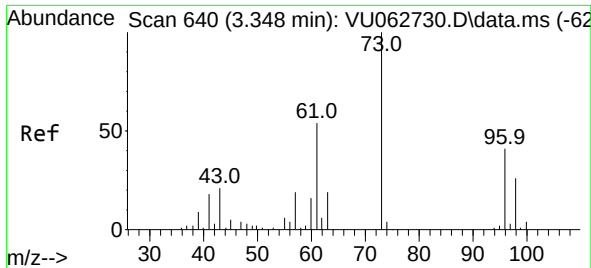
Tgt Ion: 43 Resp: 9534
Ion Ratio Lower Upper
43 100
74 28.4 24.4 36.6



#16
Methylene chloride
Concen: 5.111 ug/L
RT: 3.033 min Scan# 542
Delta R.T. -0.000 min
Lab File: VU062754.D
Acq: 14 Jan 2025 19:55

Tgt Ion: 84 Resp: 33676
Ion Ratio Lower Upper
84 100
86 62.9 44.7 83.1
49 97.7 68.3 126.9

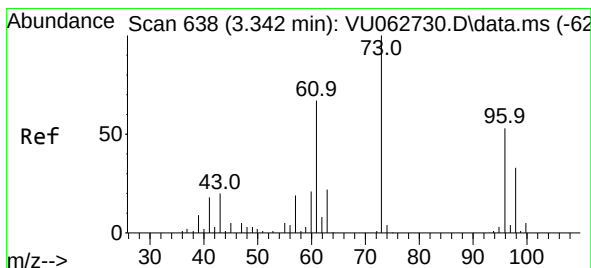
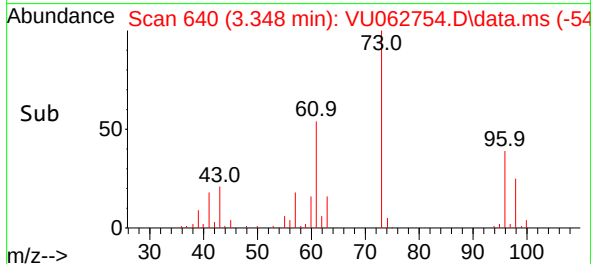
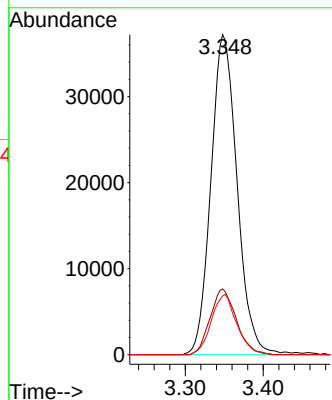
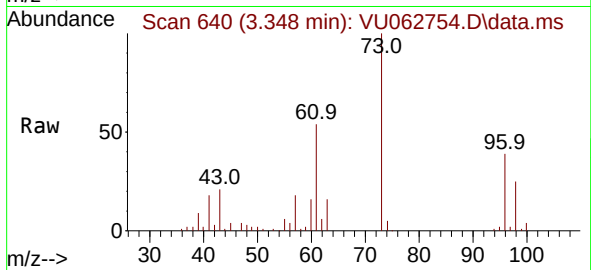




#17
Methyl tert-butyl Ether
Concen: 5.233 ug/L
RT: 3.348 min Scan# 640
Delta R.T. -0.000 min
Lab File: VU062754.D
Acq: 14 Jan 2025 19:55

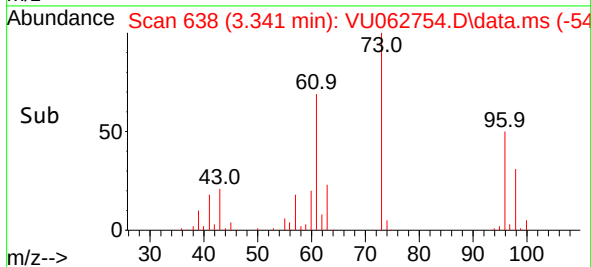
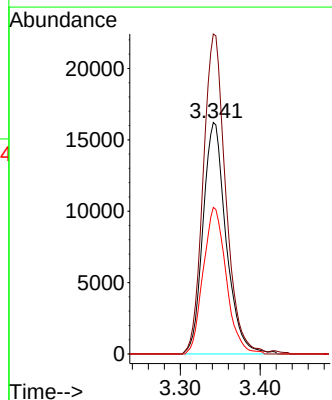
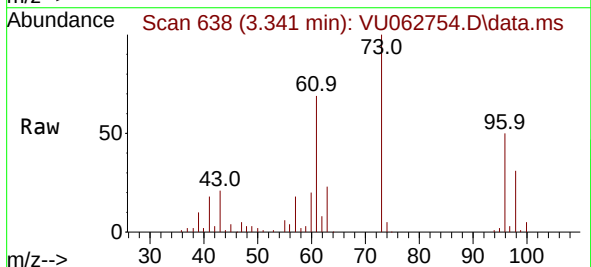
Instrument :
MSVOA_U
ClientSampleId :

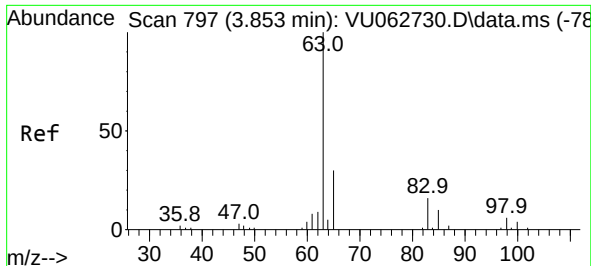
Tgt Ion: 73	Resp: 86511
Ion Ratio	Lower Upper
73 100	
43 20.6	16.2 24.4
57 18.3	14.6 22.0



#18
trans-1,2-Dichloroethene
Concen: 5.048 ug/L
RT: 3.341 min Scan# 638
Delta R.T. -0.000 min
Lab File: VU062754.D
Acq: 14 Jan 2025 19:55

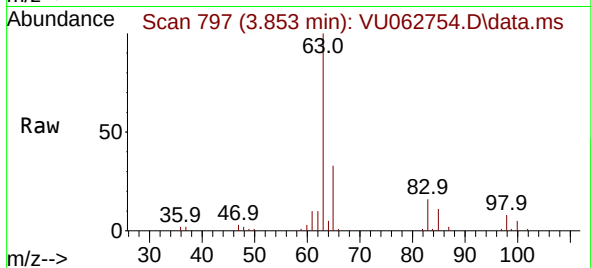
Tgt Ion: 96	Resp: 32529
Ion Ratio	Lower Upper
96 100	
61 138.3	94.4 175.2
98 63.3	42.8 79.4



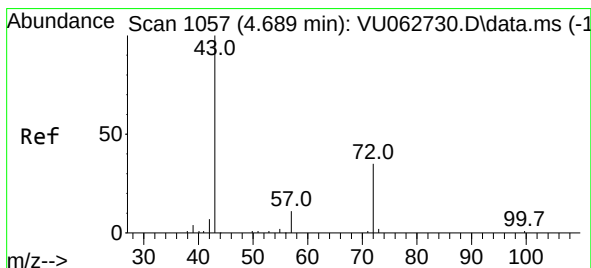
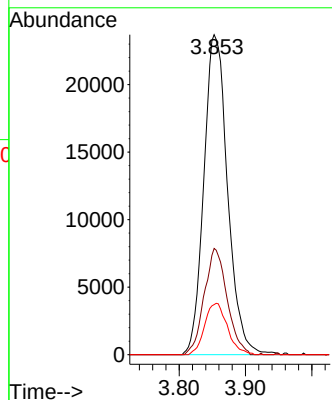
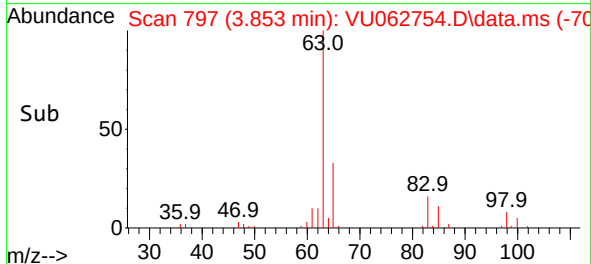


#19
1,1-Dichloroethane
Concen: 5.121 ug/L
RT: 3.853 min Scan# 797
Delta R.T. -0.000 min
Lab File: VU062754.D
Acq: 14 Jan 2025 19:55

Instrument :
MSVOA_U
ClientSampleId :

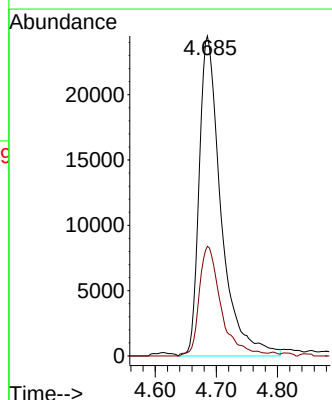
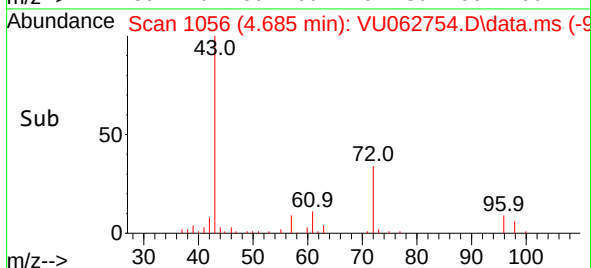
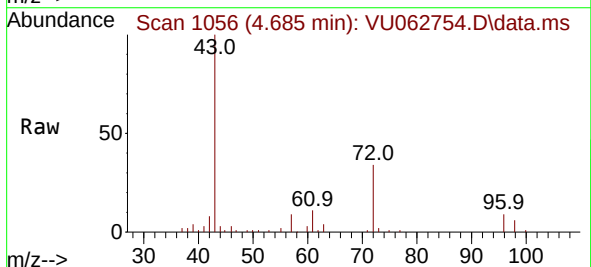


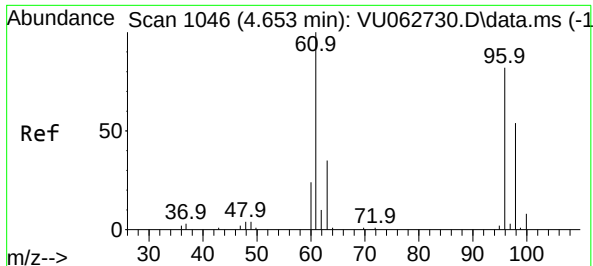
Tgt Ion: 63 Resp: 59003
Ion Ratio Lower Upper
63 100
65 33.2 20.7 38.5
83 15.6 10.5 19.5



#21
2-Butanone
Concen: 52.575 ug/L
RT: 4.685 min Scan# 1056
Delta R.T. -0.003 min
Lab File: VU062754.D
Acq: 14 Jan 2025 19:55

Tgt Ion: 43 Resp: 60839
Ion Ratio Lower Upper
43 100
72 34.3 17.1 51.2





#22

cis-1,2-Dichloroethene

Concen: 5.380 ug/L

RT: 4.653 min Scan# 1104

Delta R.T. -0.000 min

Lab File: VU062754.D

Acq: 14 Jan 2025 19:55

Instrument :

MSVOA_U

ClientSampleId :

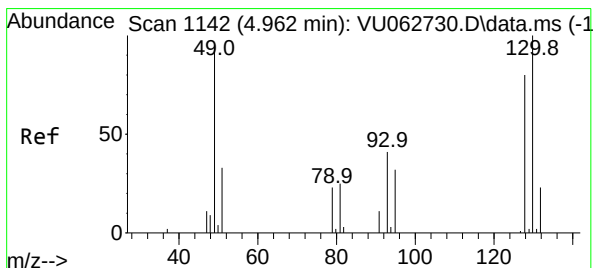
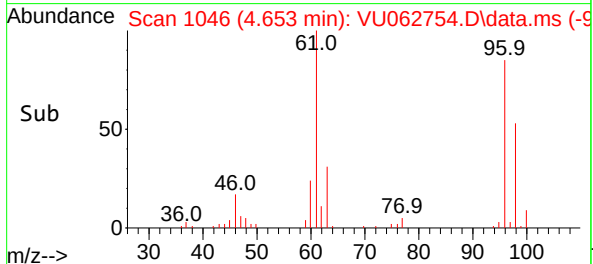
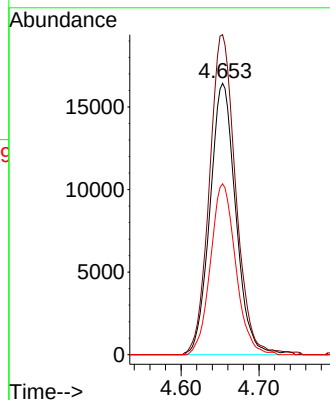
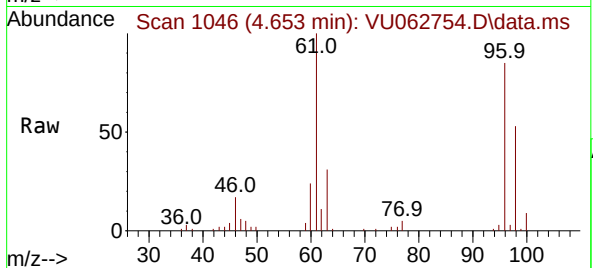
Tgt Ion: 96 Resp: 37754

Ion Ratio Lower Upper

96 100

61 117.9 84.8 157.6

98 63.0 43.1 80.1



#23

Bromochloromethane

Concen: 5.108 ug/L

RT: 4.959 min Scan# 1141

Delta R.T. -0.003 min

Lab File: VU062754.D

Acq: 14 Jan 2025 19:55

Tgt Ion:128 Resp: 16924

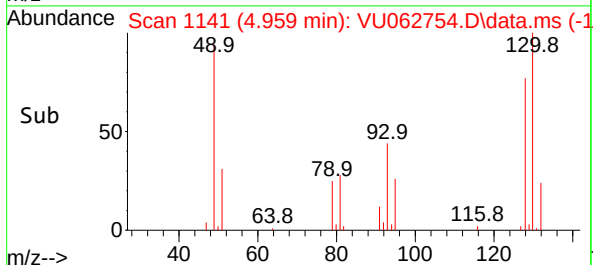
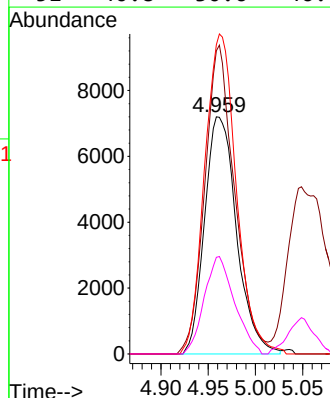
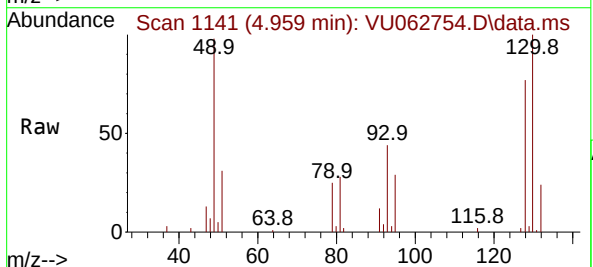
Ion Ratio Lower Upper

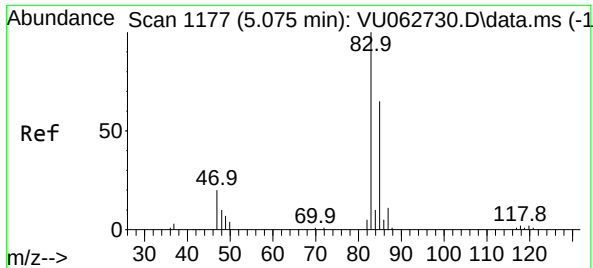
128 100

49 127.9 81.1 150.7

130 130.5 94.9 176.3

51 40.8 30.6 46.0





#25

Chloroform

Concen: 5.003 ug/L

RT: 5.074 min Scan# 1177

Delta R.T. -0.000 min

Lab File: VU062754.D

Acq: 14 Jan 2025 19:55

Instrument :

MSVOA_U

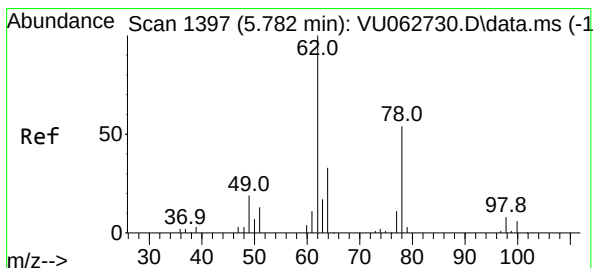
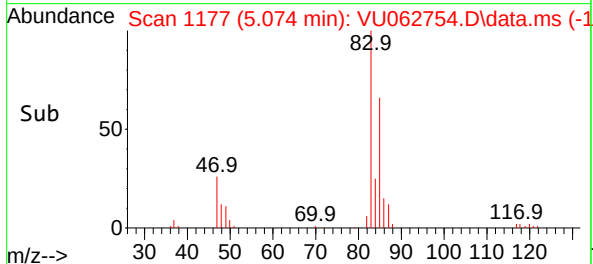
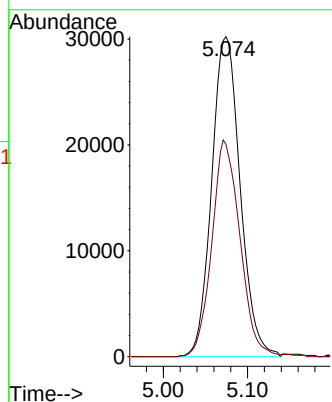
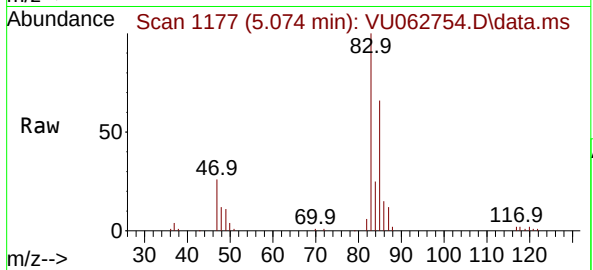
ClientSampleId :

Tgt Ion: 83 Resp: 70941

Ion Ratio Lower Upper

83 100

85 66.3 45.8 85.2



#27

1,2-Dichloroethane

Concen: 5.151 ug/L

RT: 5.782 min Scan# 1397

Delta R.T. -0.000 min

Lab File: VU062754.D

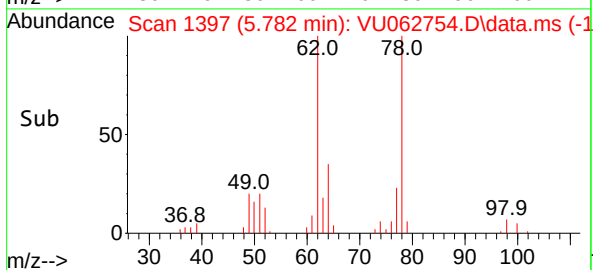
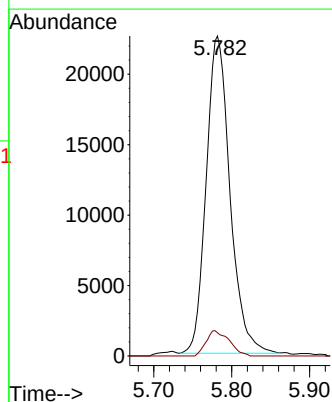
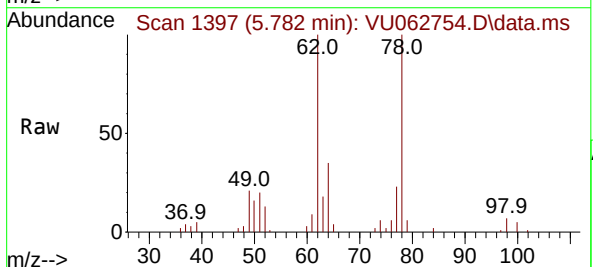
Acq: 14 Jan 2025 19:55

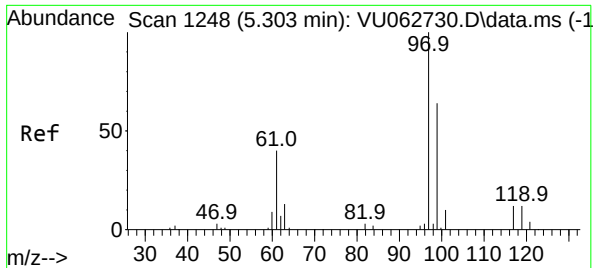
Tgt Ion: 62 Resp: 47762

Ion Ratio Lower Upper

62 100

98 7.2 5.8 8.6





#29

1,1,1-Trichloroethane

Concen: 5.074 ug/L

RT: 5.303 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU062754.D

Acq: 14 Jan 2025 19:55

Instrument :

MSVOA_U

ClientSampleId :

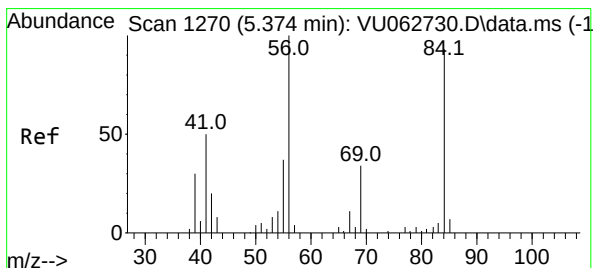
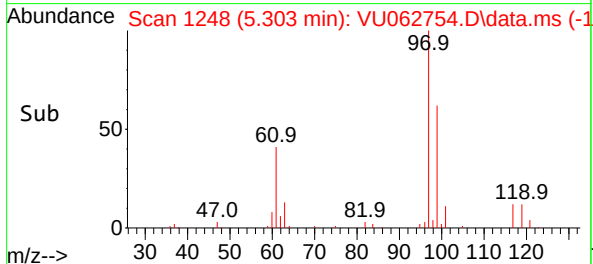
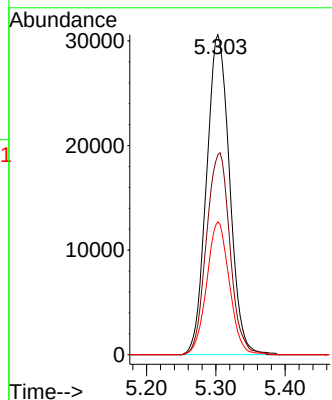
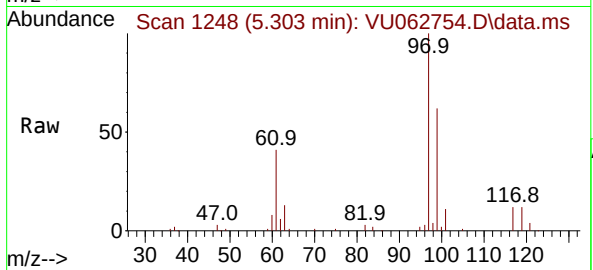
Tgt Ion: 97 Resp: 70802

Ion Ratio Lower Upper

97 100

99 64.4 52.4 78.6

61 40.8 32.2 48.4



#30

Cyclohexane

Concen: 4.987 ug/L

RT: 5.377 min Scan# 1271

Delta R.T. 0.003 min

Lab File: VU062754.D

Acq: 14 Jan 2025 19:55

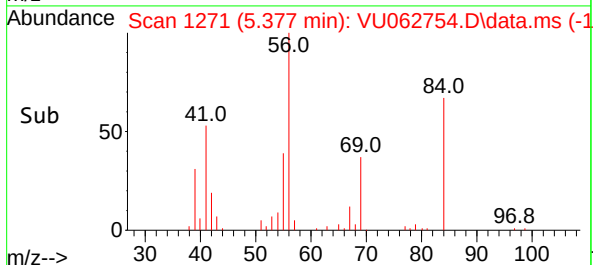
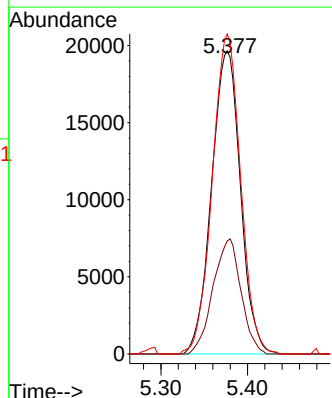
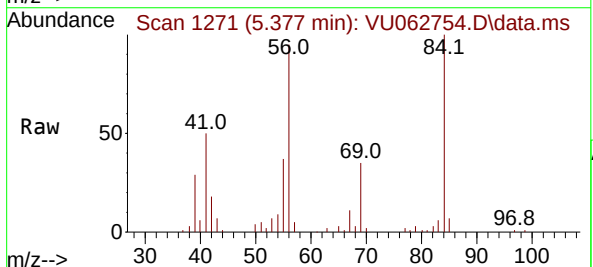
Tgt Ion: 56 Resp: 45446

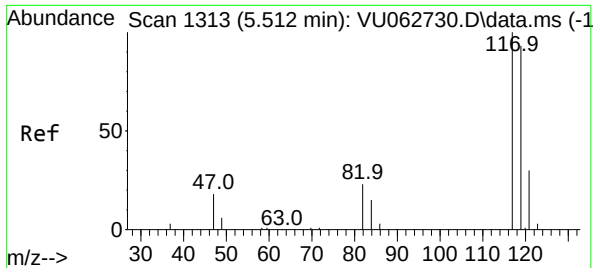
Ion Ratio Lower Upper

56 100

69 36.8 28.3 42.5

84 103.7 76.5 114.7

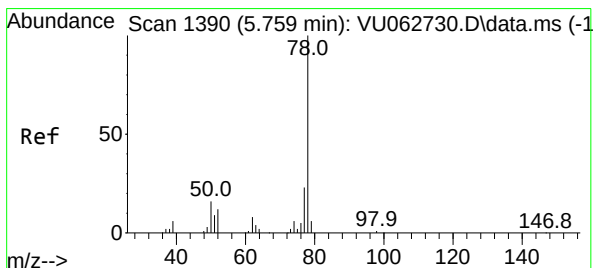
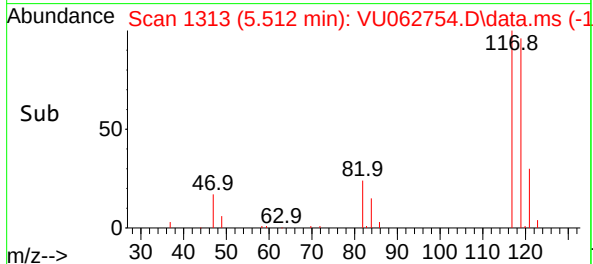
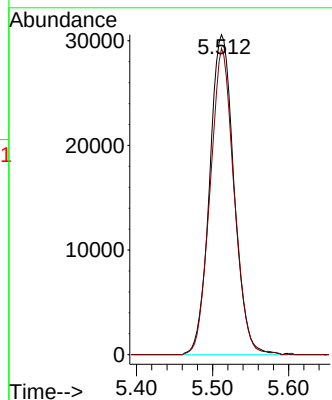
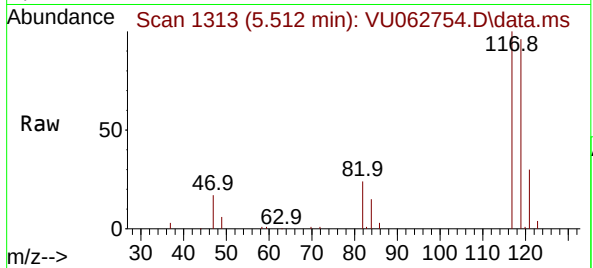




#31
Carbon tetrachloride
Concen: 5.301 ug/L
RT: 5.512 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VU062754.D
Acq: 14 Jan 2025 19:55

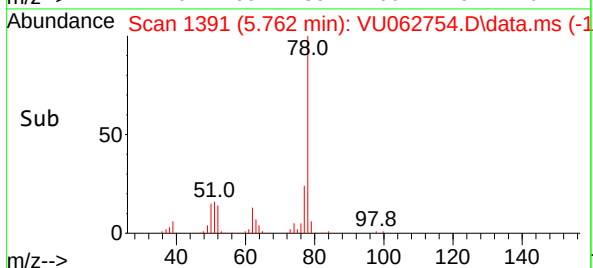
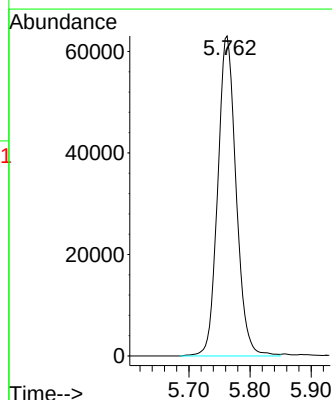
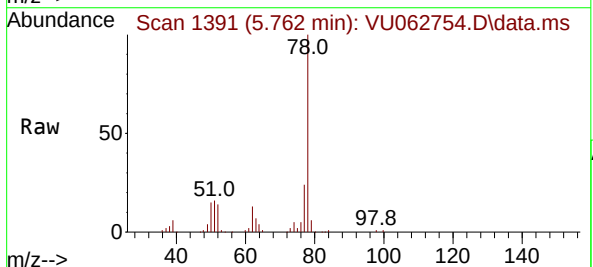
Instrument :
MSVOA_U
ClientSampleId :

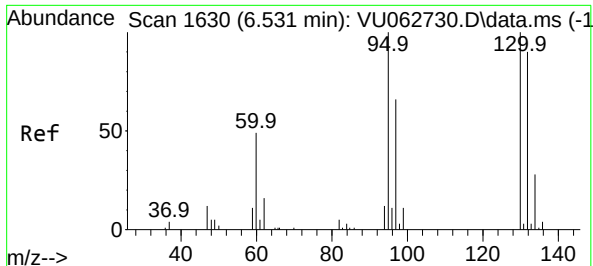
Tgt Ion:117 Resp: 67981
Ion Ratio Lower Upper
117 100
119 94.2 78.6 118.0



#33
Benzene
Concen: 4.983 ug/L
RT: 5.762 min Scan# 1391
Delta R.T. 0.003 min
Lab File: VU062754.D
Acq: 14 Jan 2025 19:55

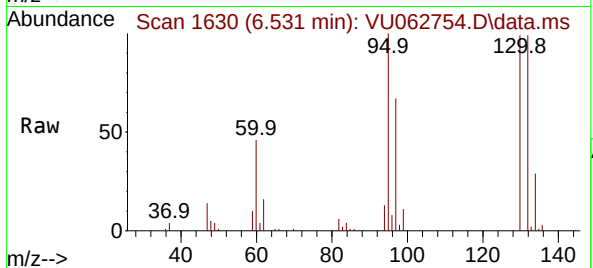
Tgt Ion: 78 Resp: 131711



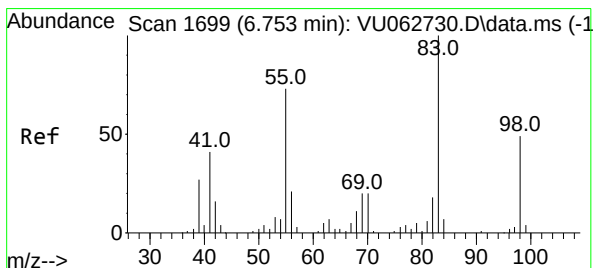
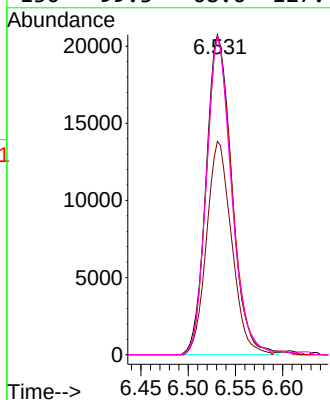
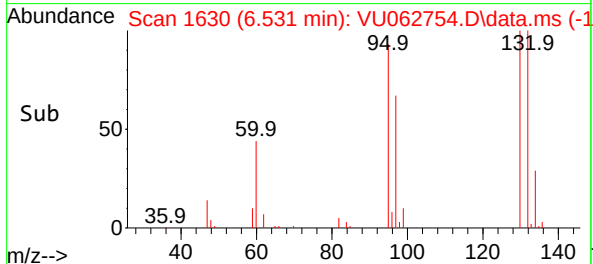


#34
Trichloroethene
Concen: 4.354 ug/L
RT: 6.531 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VU062754.D
Acq: 14 Jan 2025 19:55

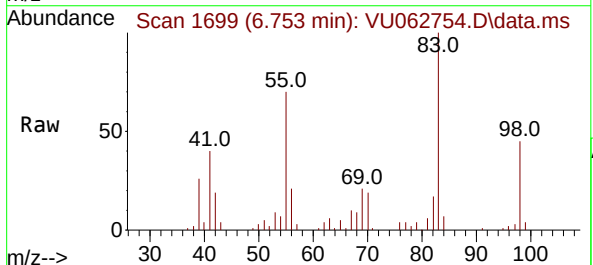
Instrument :
MSVOA_U
ClientSampleId :



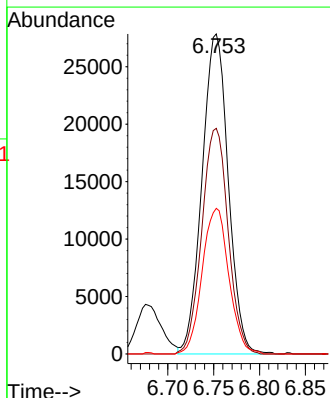
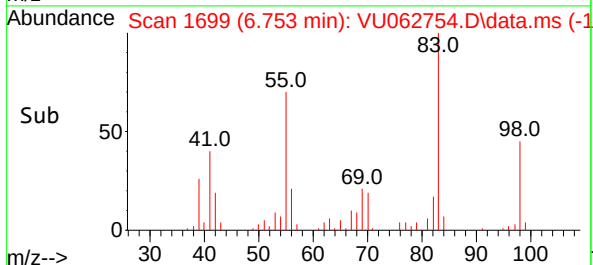
Tgt Ion: 95 Resp: 39313
Ion Ratio Lower Upper
95 100
97 66.7 47.5 88.3
132 99.5 66.9 124.3
130 99.3 68.6 127.4

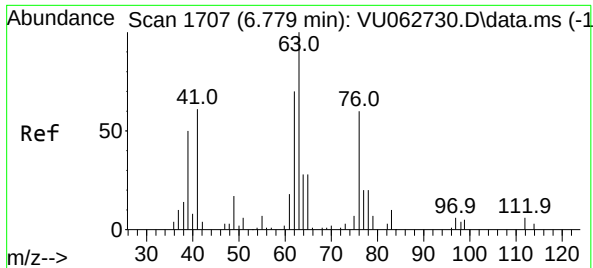


#35
Methylcyclohexane
Concen: 5.003 ug/L
RT: 6.753 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VU062754.D
Acq: 14 Jan 2025 19:55



Tgt Ion: 83 Resp: 55584
Ion Ratio Lower Upper
83 100
55 70.6 57.2 85.8
98 46.2 36.6 55.0

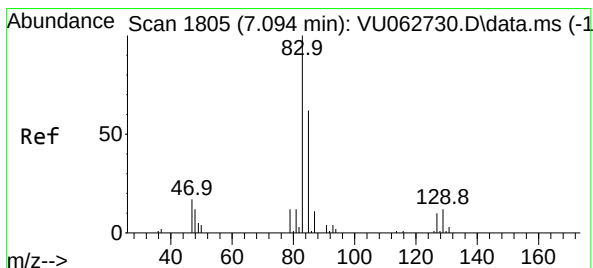
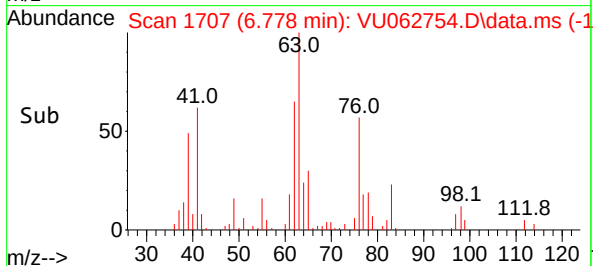
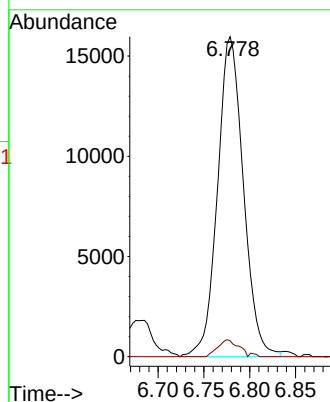
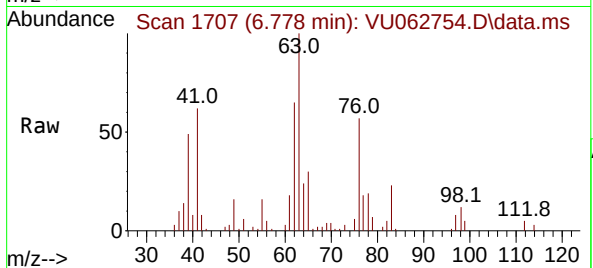




#37
1,2-Dichloropropane
Concen: 5.027 ug/L
RT: 6.778 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU062754.D
Acq: 14 Jan 2025 19:55

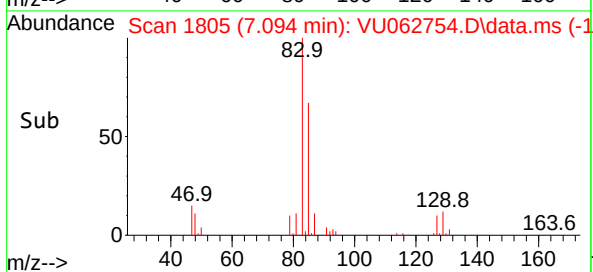
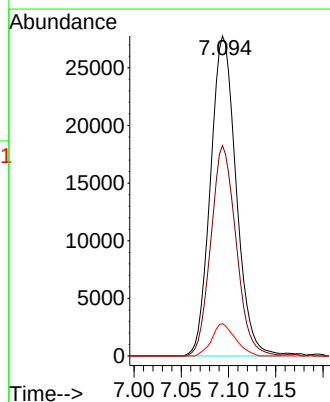
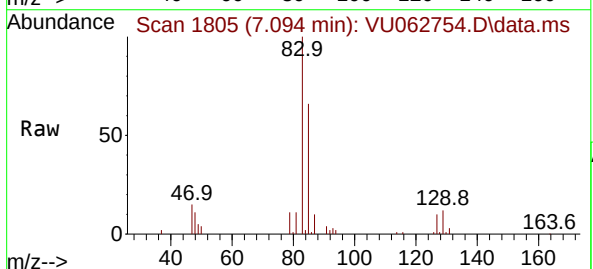
Instrument :
MSVOA_U
ClientSampleId :

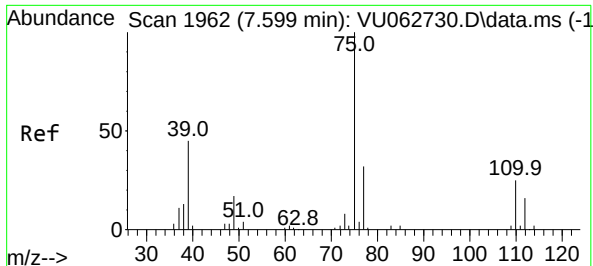
Tgt Ion: 63 Resp: 31346
Ion Ratio Lower Upper
63 100
112 4.2 3.8 5.8



#38
Bromodichloromethane
Concen: 5.230 ug/L
RT: 7.094 min Scan# 1805
Delta R.T. -0.000 min
Lab File: VU062754.D
Acq: 14 Jan 2025 19:55

Tgt Ion: 83 Resp: 52446
Ion Ratio Lower Upper
83 100
85 65.7 44.2 82.0
127 10.1 7.8 11.8





#39

cis-1,3-Dichloropropene

Concen: 5.194 ug/L

RT: 7.598 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VU062754.D

Acq: 14 Jan 2025 19:55

Instrument :

MSVOA_U

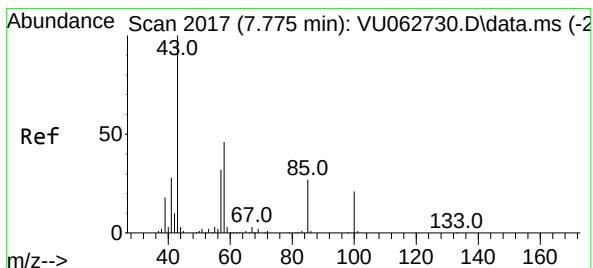
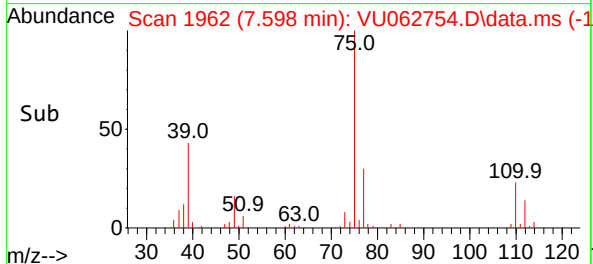
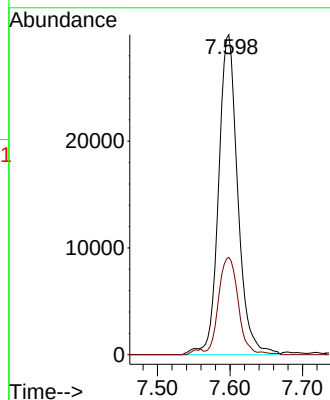
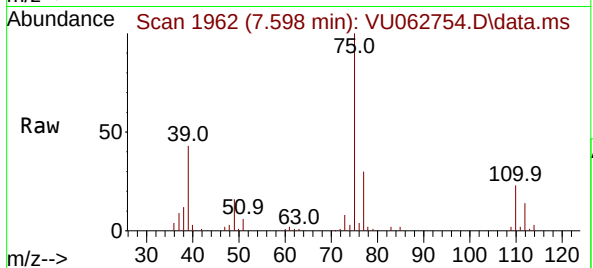
ClientSampleId :

Tgt Ion: 75 Resp: 55144

Ion Ratio Lower Upper

75 100

77 30.4 22.3 41.3



#40

4-Methyl-2-pentanone

Concen: 50.901 ug/L

RT: 7.775 min Scan# 2017

Delta R.T. -0.000 min

Lab File: VU062754.D

Acq: 14 Jan 2025 19:55

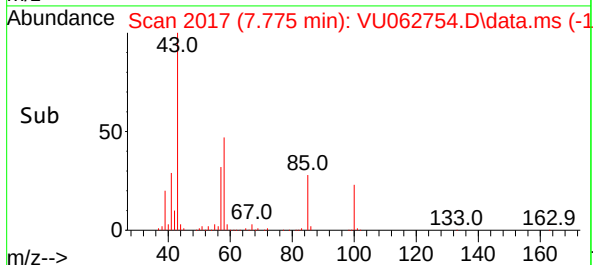
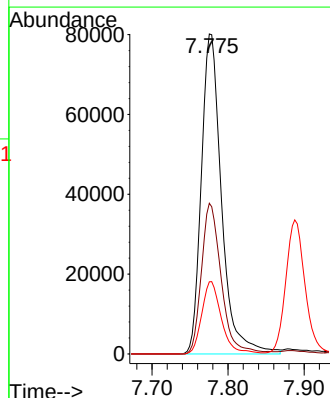
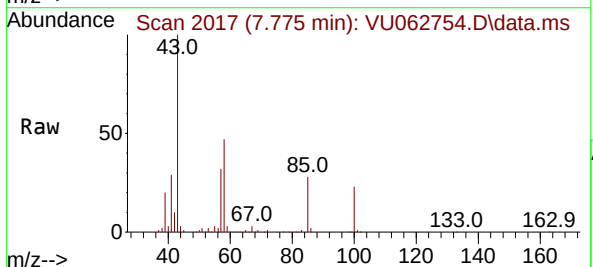
Tgt Ion: 43 Resp: 148257

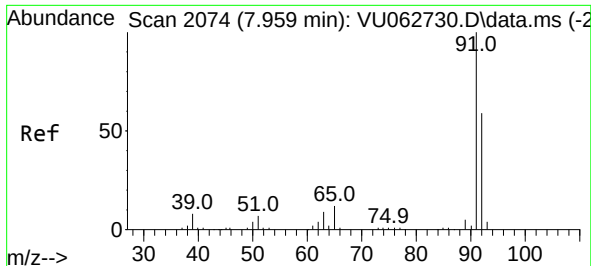
Ion Ratio Lower Upper

43 100

58 46.2 35.8 53.8

100 22.0 16.8 25.2





#42

Toluene

Concen: 5.219 ug/L

RT: 7.958 min Scan# 2074

Delta R.T. -0.000 min

Lab File: VU062754.D

Acq: 14 Jan 2025 19:55

Instrument :

MSVOA_U

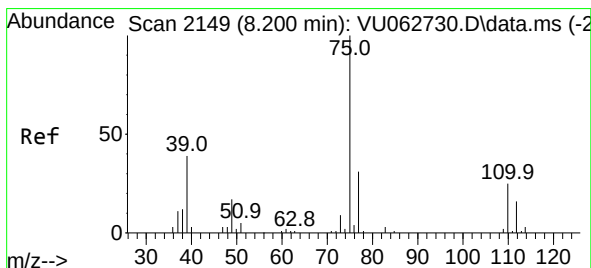
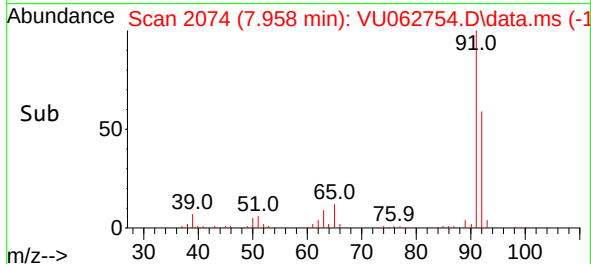
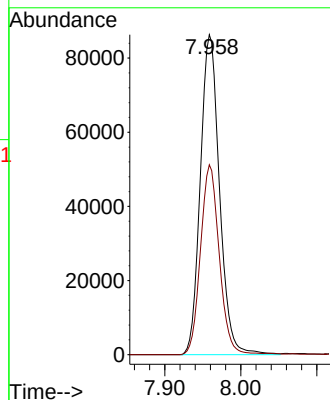
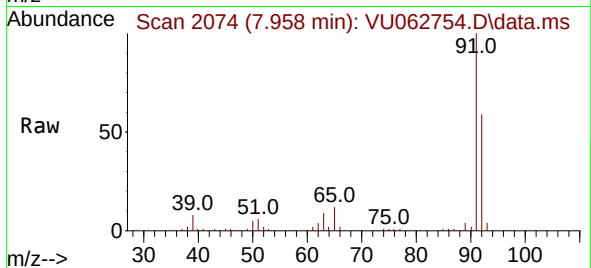
ClientSampleId :

Tgt Ion: 91 Resp: 151153

Ion Ratio Lower Upper

91 100

92 59.4 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 5.446 ug/L

RT: 8.200 min Scan# 2149

Delta R.T. -0.000 min

Lab File: VU062754.D

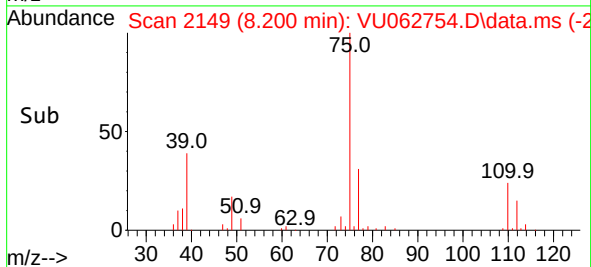
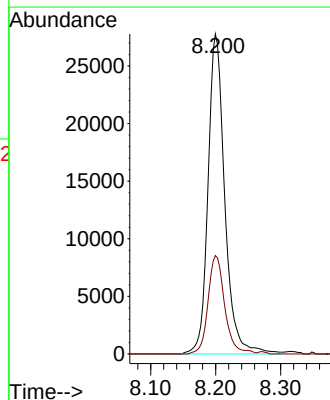
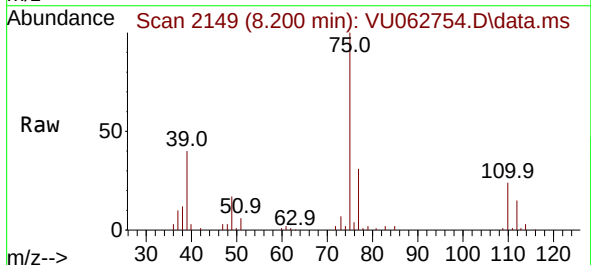
Acq: 14 Jan 2025 19:55

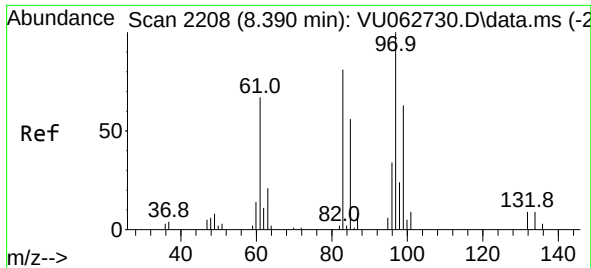
Tgt Ion: 75 Resp: 49837

Ion Ratio Lower Upper

75 100

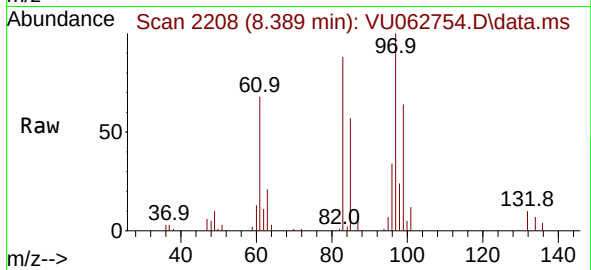
77 30.8 21.8 40.6



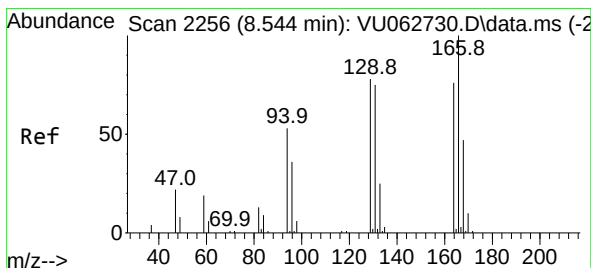
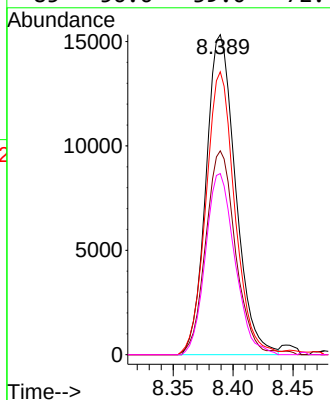
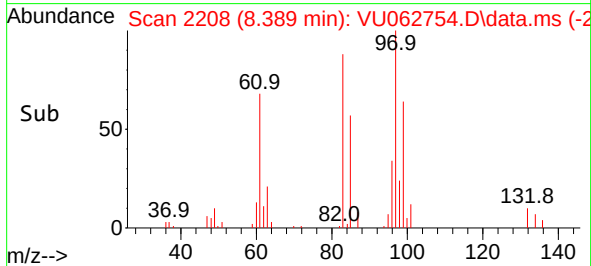


#45
1,1,2-Trichloroethane
Concen: 5.186 ug/L
RT: 8.389 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU062754.D
Acq: 14 Jan 2025 19:55

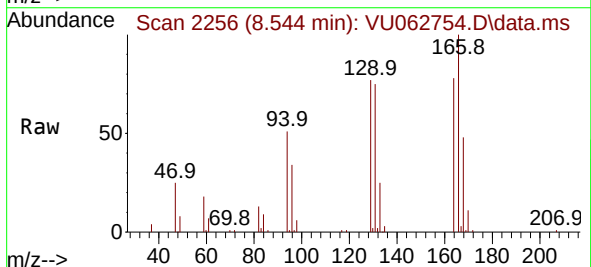
Instrument :
MSVOA_U
ClientSampleId :



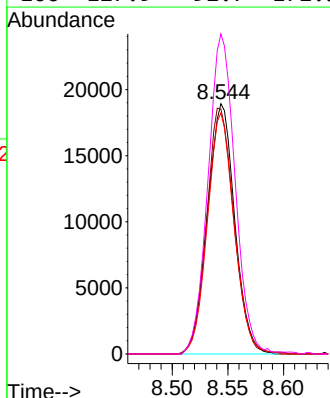
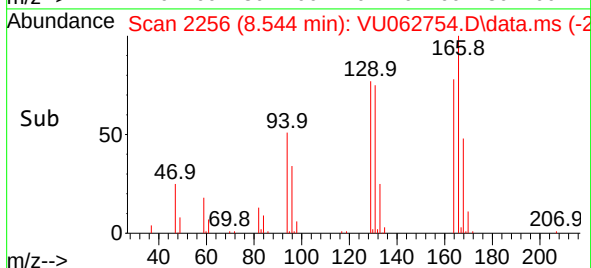
Tgt Ion:	97	Resp:	26264
Ion	Ratio	Lower	Upper
97	100		
99	63.7	45.6	84.6
83	88.4	63.0	117.0
85	56.6	39.0	72.4

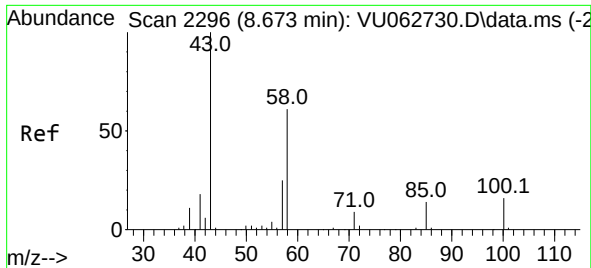


#47
Tetrachloroethene
Concen: 5.207 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. -0.000 min
Lab File: VU062754.D
Acq: 14 Jan 2025 19:55



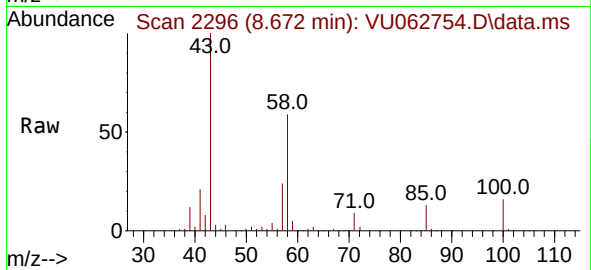
Tgt Ion:	164	Resp:	32382
Ion	Ratio	Lower	Upper
164	100		
129	97.9	71.0	131.9
131	96.3	69.4	129.0
166	127.9	92.7	172.3



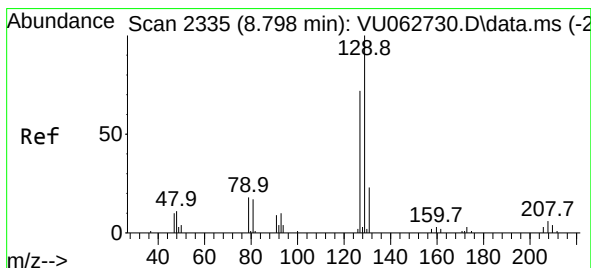
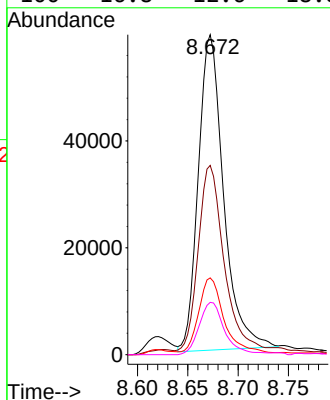
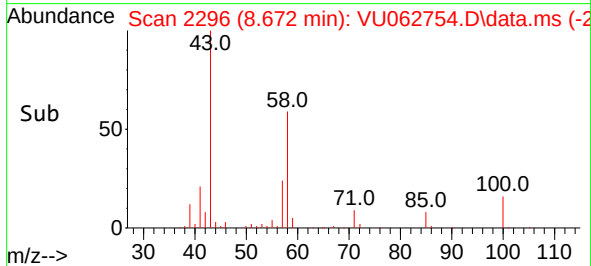


#48
2-Hexanone
Concen: 49.455 ug/L
RT: 8.672 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU062754.D
Acq: 14 Jan 2025 19:55

Instrument :
MSVOA_U
ClientSampleId :

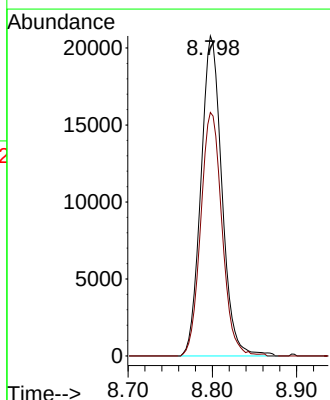
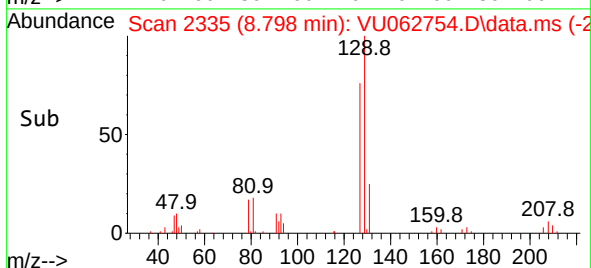
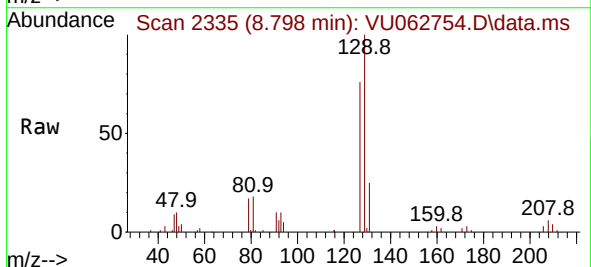


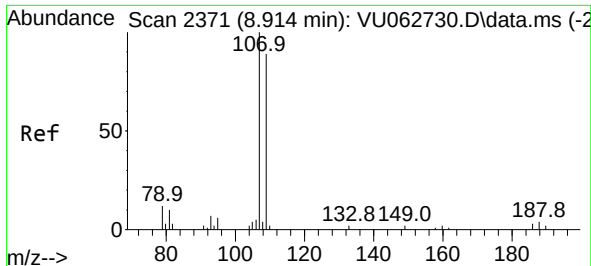
Tgt Ion:	43	Resp:	103559
Ion Ratio	100	Lower	Upper
58	60.1	50.2	75.4
57	23.8	19.9	29.9
100	16.8	12.6	18.8



#49
Dibromochloromethane
Concen: 5.313 ug/L
RT: 8.798 min Scan# 2335
Delta R.T. -0.000 min
Lab File: VU062754.D
Acq: 14 Jan 2025 19:55

Tgt Ion:	129	Resp:	36122
Ion Ratio	100	Lower	Upper
127	76.1	52.1	96.9





#50

1,2-Dibromoethane

Concen: 5.479 ug/L

RT: 8.913 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU062754.D

Acq: 14 Jan 2025 19:55

Instrument :

MSVOA_U

ClientSampleId :

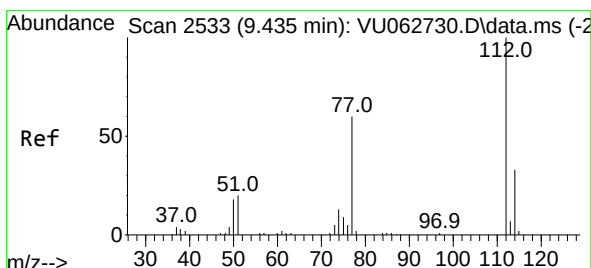
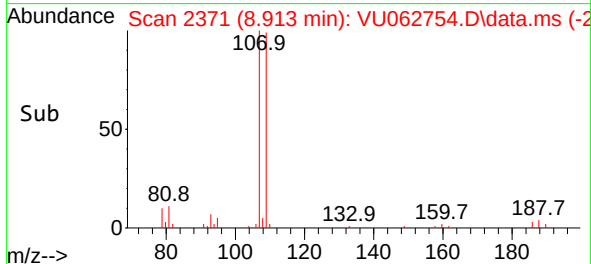
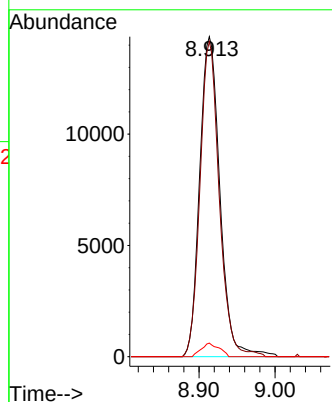
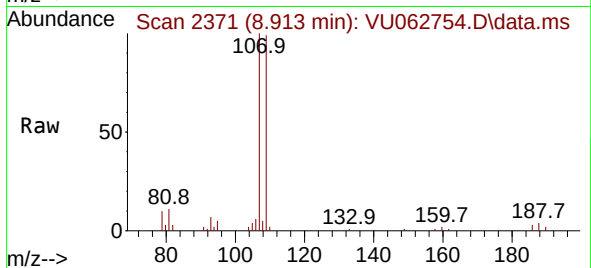
Tgt Ion:107 Resp: 26548

Ion Ratio Lower Upper

107 100

109 98.5 65.7 121.9

188 4.3 3.4 5.2



#51

Chlorobenzene

Concen: 5.204 ug/L

RT: 9.438 min Scan# 2534

Delta R.T. 0.003 min

Lab File: VU062754.D

Acq: 14 Jan 2025 19:55

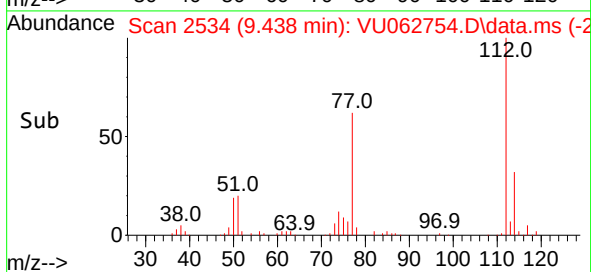
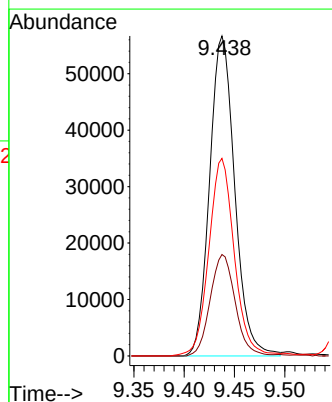
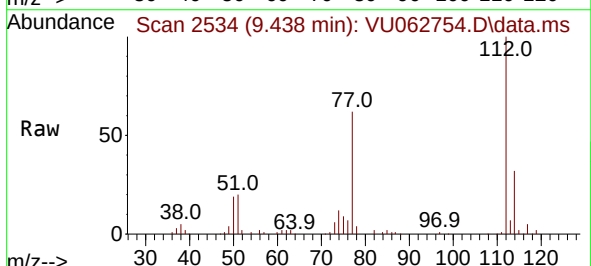
Tgt Ion:112 Resp: 98574

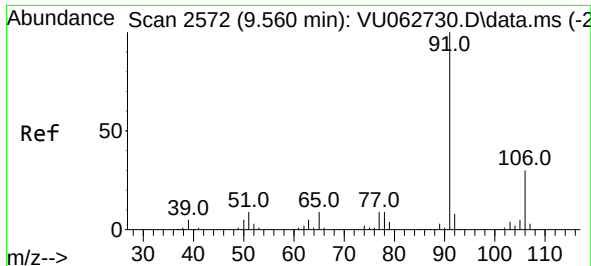
Ion Ratio Lower Upper

112 100

114 31.7 21.7 40.3

77 61.8 48.6 73.0

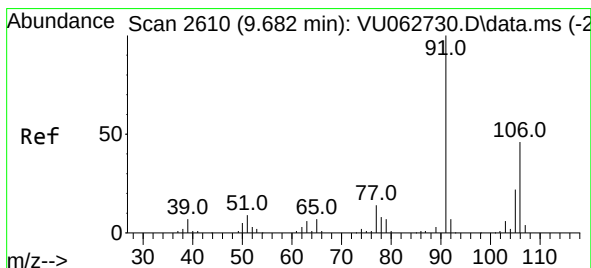
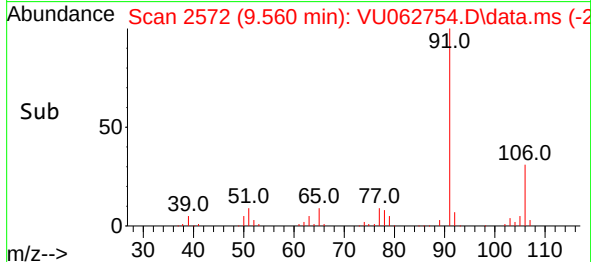
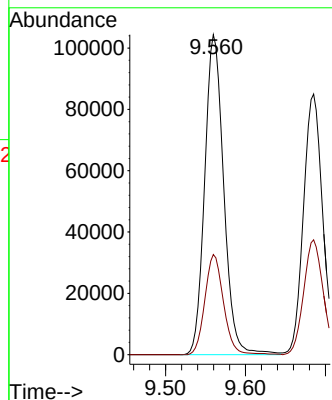
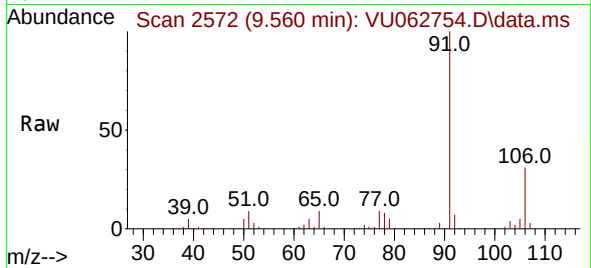




#52
Ethylbenzene
Concen: 5.263 ug/L
RT: 9.560 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU062754.D
Acq: 14 Jan 2025 19:55

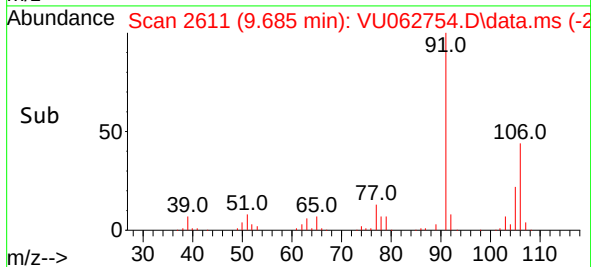
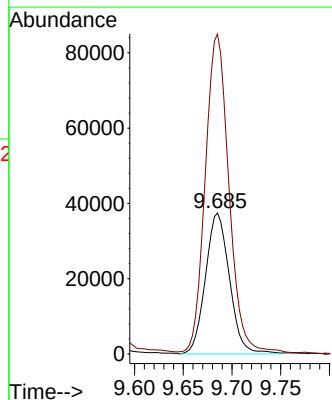
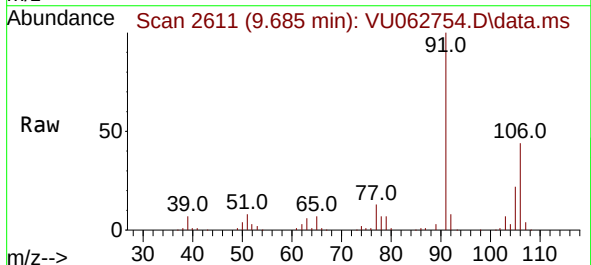
Instrument :
MSVOA_U
ClientSampleId :

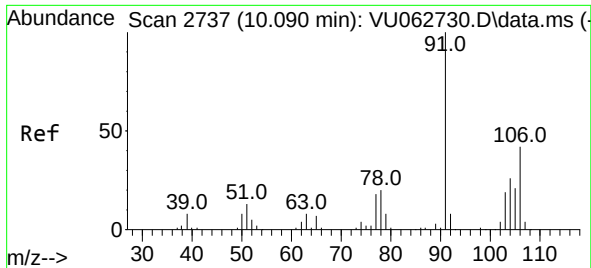
Tgt Ion: 91 Resp: 172999
Ion Ratio Lower Upper
91 100
106 31.3 21.9 40.7



#53
m,p-Xylene
Concen: 5.227 ug/L
RT: 9.685 min Scan# 2611
Delta R.T. 0.003 min
Lab File: VU062754.D
Acq: 14 Jan 2025 19:55

Tgt Ion:106 Resp: 64258
Ion Ratio Lower Upper
106 100
91 226.9 153.1 284.3

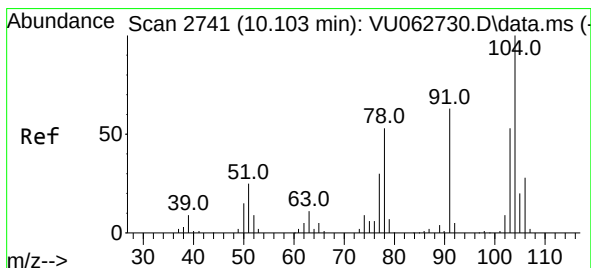
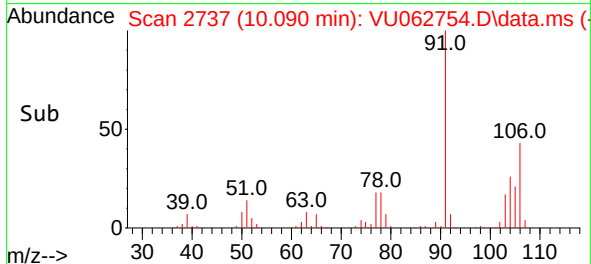
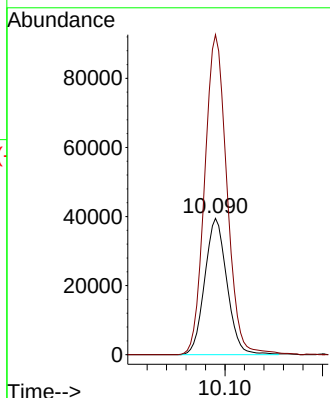
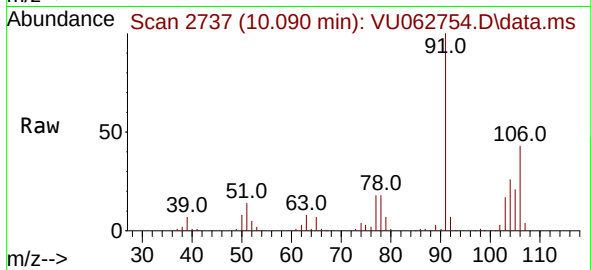




#54
o-Xylene
Concen: 5.312 ug/L
RT: 10.090 min Scan# 2737
Delta R.T. -0.000 min
Lab File: VU062754.D
Acq: 14 Jan 2025 19:55

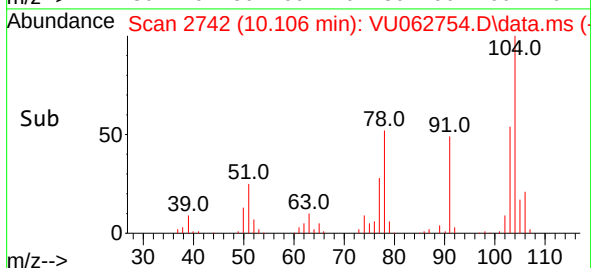
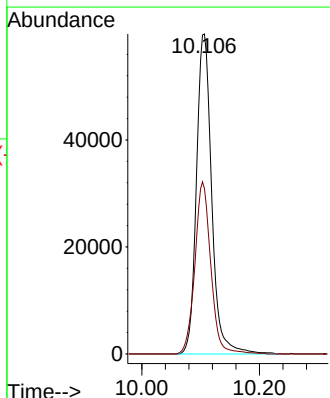
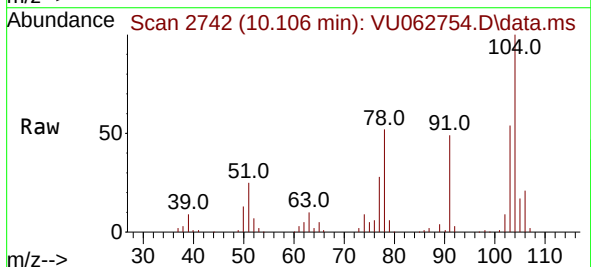
Instrument :
MSVOA_U
ClientSampleId :

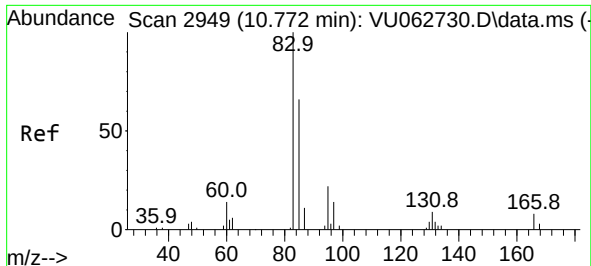
Tgt Ion:106 Resp: 62544
Ion Ratio Lower Upper
106 100
91 234.6 160.4 297.8



#55
Styrene
Concen: 5.465 ug/L
RT: 10.106 min Scan# 2742
Delta R.T. 0.003 min
Lab File: VU062754.D
Acq: 14 Jan 2025 19:55

Tgt Ion:104 Resp: 107629
Ion Ratio Lower Upper
104 100
78 51.7 35.5 65.9





#57

1,1,2,2-Tetrachloroethane

Concen: 5.328 ug/L

RT: 10.772 min Scan# 2949

Delta R.T. -0.000 min

Lab File: VU062754.D

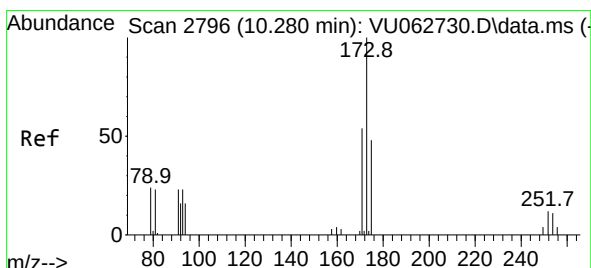
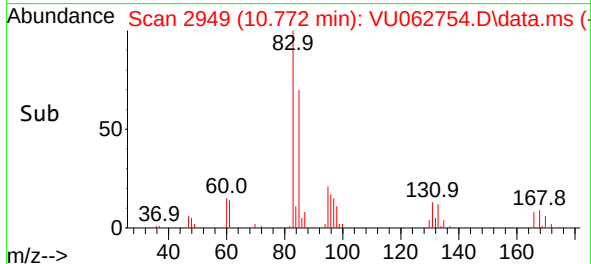
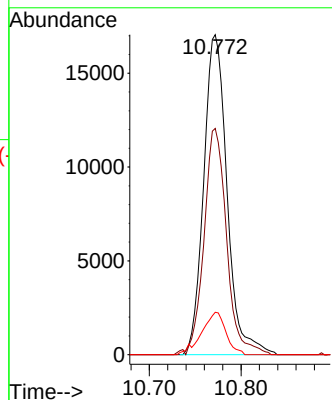
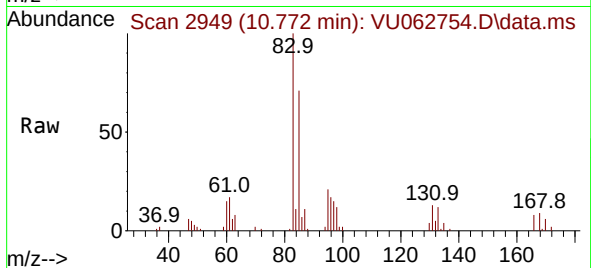
Acq: 14 Jan 2025 19:55

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	83	Resp:	30265
Ion Ratio	Lower	Upper	
83	100		
85	70.7	43.0	79.8
131	13.3	7.4	11.0



#59

Bromoform

Concen: 5.130 ug/L

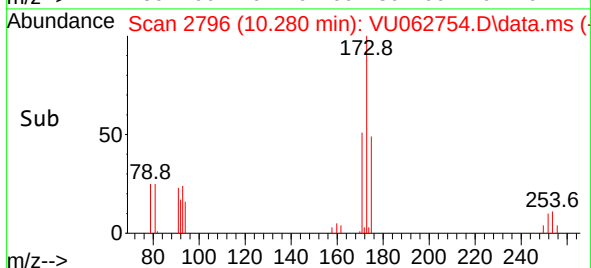
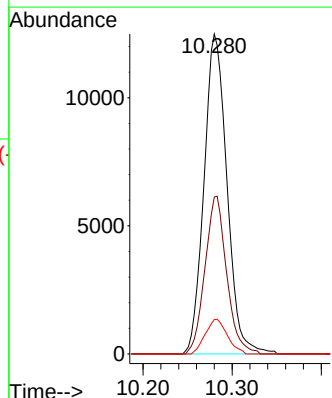
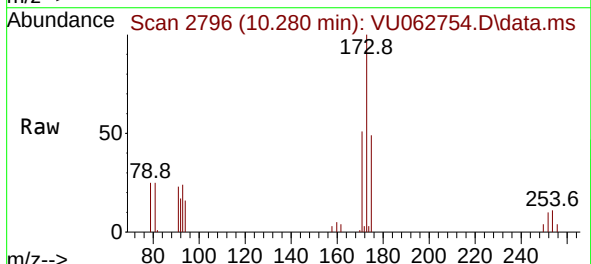
RT: 10.280 min Scan# 2796

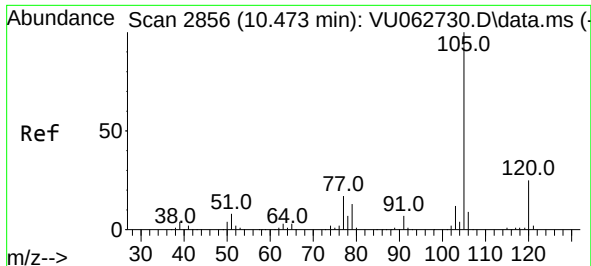
Delta R.T. -0.000 min

Lab File: VU062754.D

Acq: 14 Jan 2025 19:55

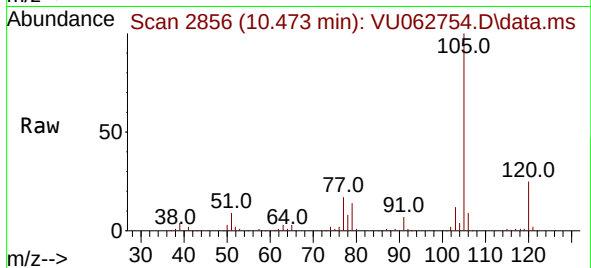
Tgt Ion:	173	Resp:	22326
Ion Ratio	Lower	Upper	
173	100		
175	46.6	39.8	59.8
254	10.4	8.6	12.8



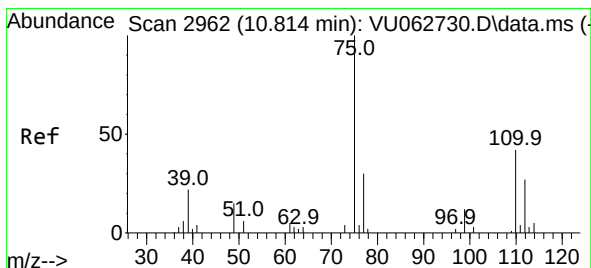
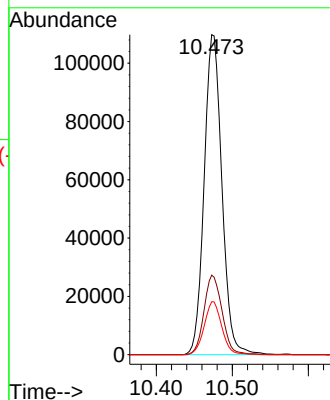
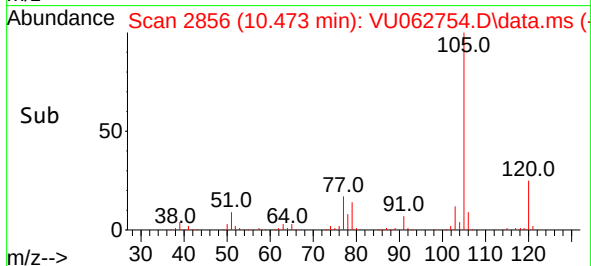


#60
Isopropylbenzene
Concen: 5.184 ug/L
RT: 10.473 min Scan# 2856
Delta R.T. -0.000 min
Lab File: VU062754.D
Acq: 14 Jan 2025 19:55

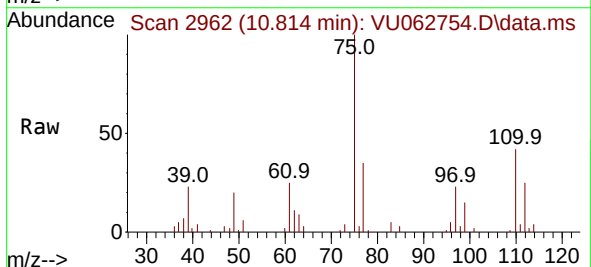
Instrument :
MSVOA_U
ClientSampleId :



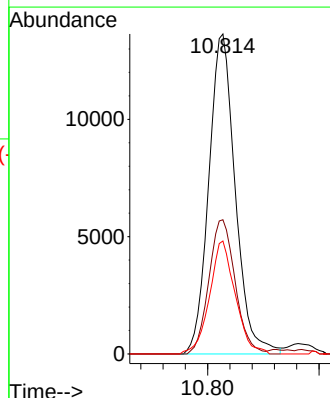
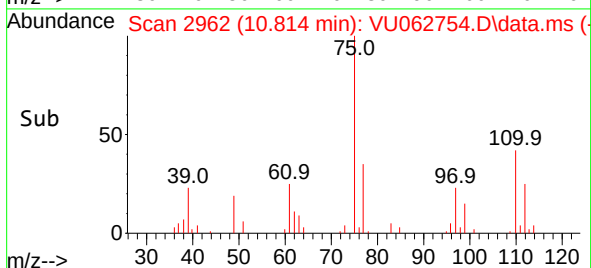
Tgt Ion:105 Resp: 178261
Ion Ratio Lower Upper
105 100
120 25.4 20.2 30.2
77 16.4 13.0 19.4

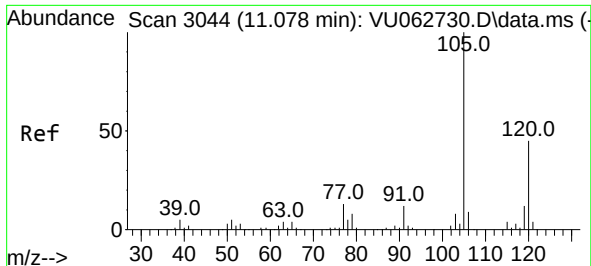


#61
1,2,3-Trichloropropane
Concen: 5.089 ug/L
RT: 10.814 min Scan# 2962
Delta R.T. -0.000 min
Lab File: VU062754.D
Acq: 14 Jan 2025 19:55



Tgt Ion: 75 Resp: 22522
Ion Ratio Lower Upper
75 100
110 41.6 33.2 49.8
77 34.3 25.9 38.9

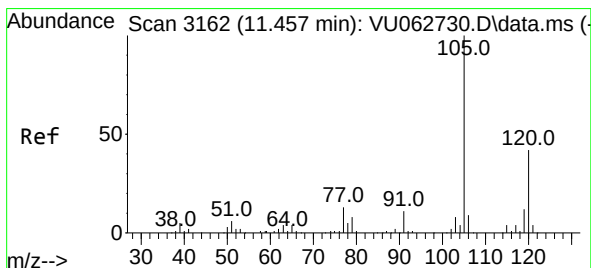
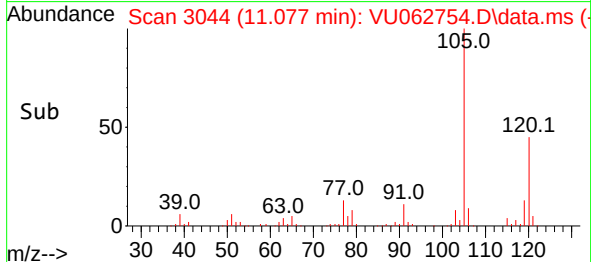
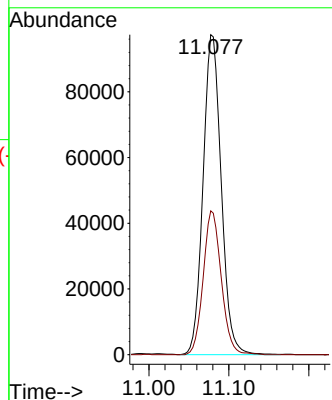
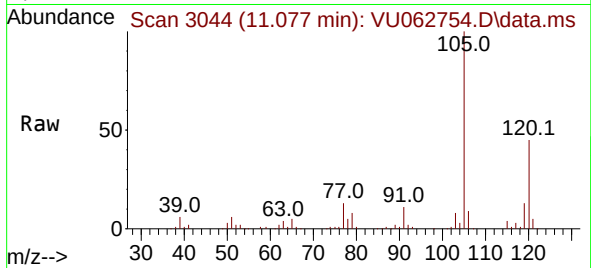




#62
1,3,5-Trimethylbenzene
Concen: 5.277 ug/L
RT: 11.077 min Scan# 3044
Delta R.T. -0.000 min
Lab File: VU062754.D
Acq: 14 Jan 2025 19:55

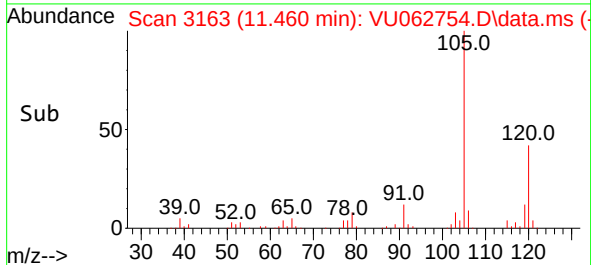
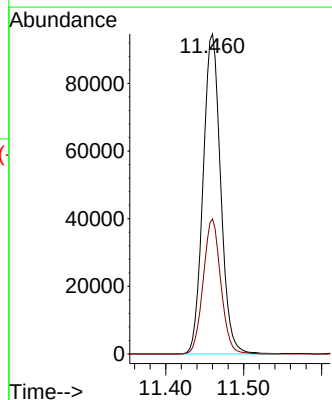
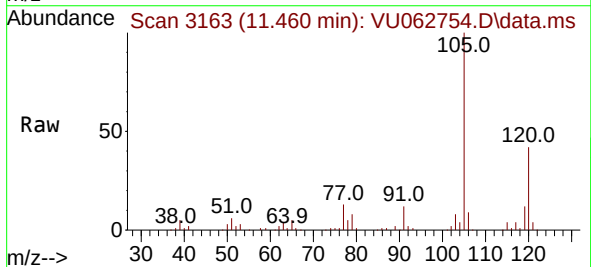
Instrument :
MSVOA_U
ClientSampleId :

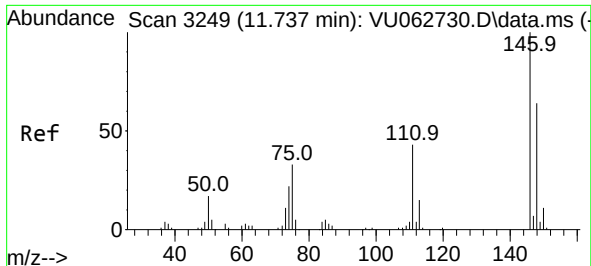
Tgt Ion:105 Resp: 154217
Ion Ratio Lower Upper
105 100
120 44.6 35.9 53.9



#63
1,2,4-Trimethylbenzene
Concen: 5.245 ug/L
RT: 11.460 min Scan# 3163
Delta R.T. 0.003 min
Lab File: VU062754.D
Acq: 14 Jan 2025 19:55

Tgt Ion:105 Resp: 148290
Ion Ratio Lower Upper
105 100
120 42.2 34.2 51.2

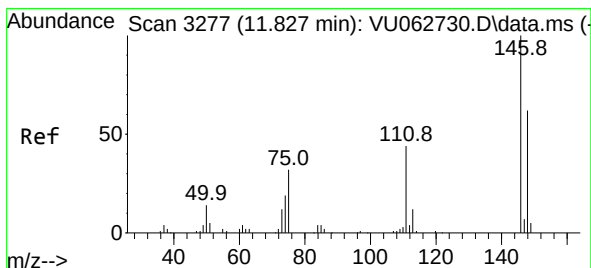
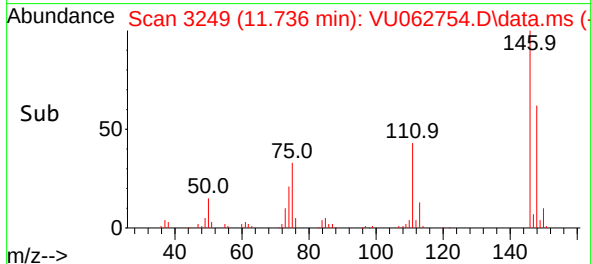
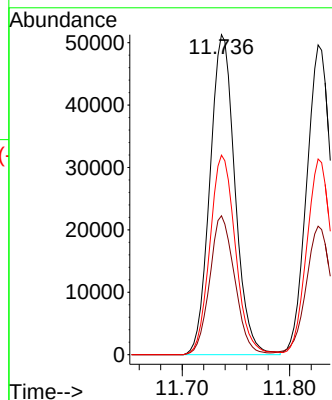
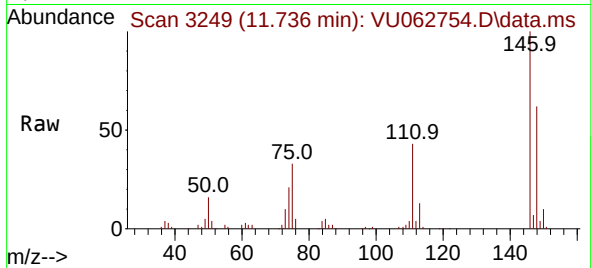




#64
1,3-Dichlorobenzene
Concen: 5.208 ug/L
RT: 11.736 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU062754.D
Acq: 14 Jan 2025 19:55

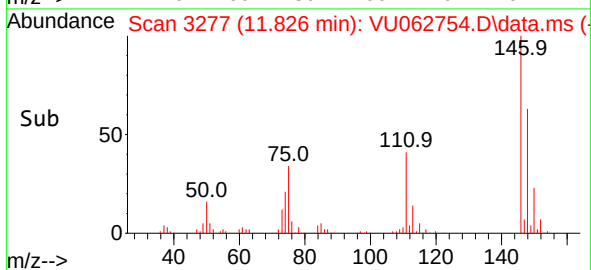
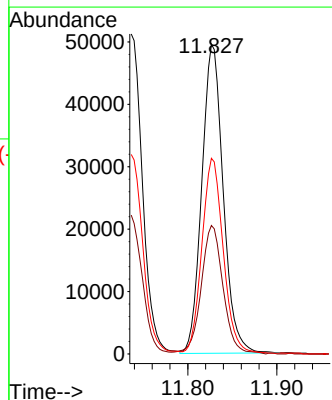
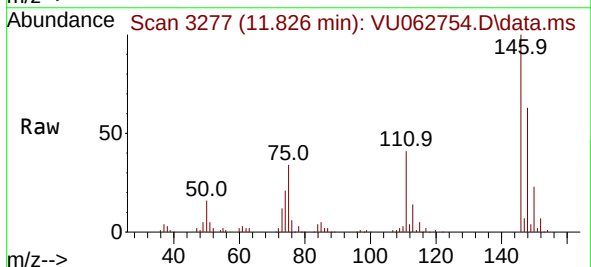
Instrument :
MSVOA_U
ClientSampleId :

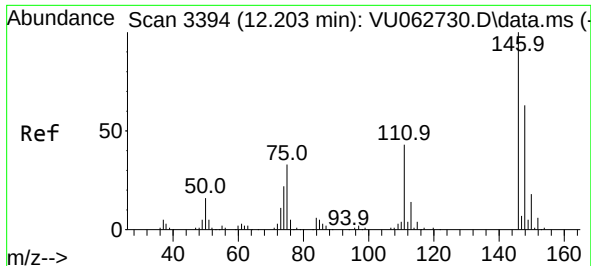
Tgt Ion:146 Resp: 83020
Ion Ratio Lower Upper
146 100
111 43.4 28.6 53.0
148 62.4 44.0 81.6



#65
1,4-Dichlorobenzene
Concen: 5.137 ug/L
RT: 11.826 min Scan# 3277
Delta R.T. -0.000 min
Lab File: VU062754.D
Acq: 14 Jan 2025 19:55

Tgt Ion:146 Resp: 82570
Ion Ratio Lower Upper
146 100
111 41.5 29.5 54.9
148 63.2 45.1 83.9





#67

1,2-Dichlorobenzene

Concen: 5.058 ug/L

RT: 12.203 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU062754.D

Acq: 14 Jan 2025 19:55

Instrument :

MSVOA_U

ClientSampleId :

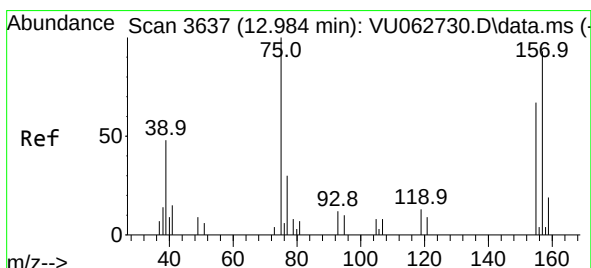
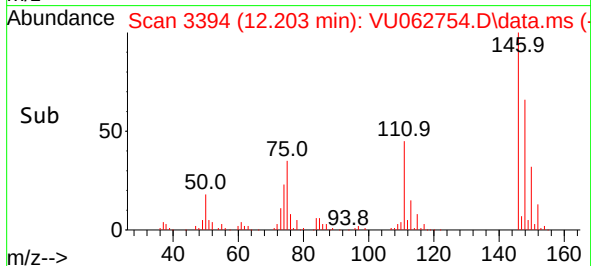
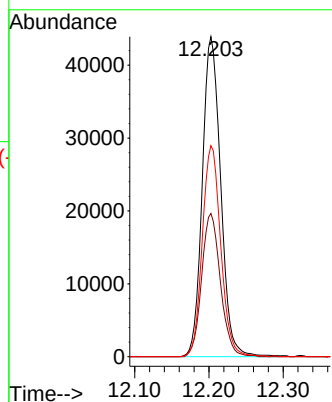
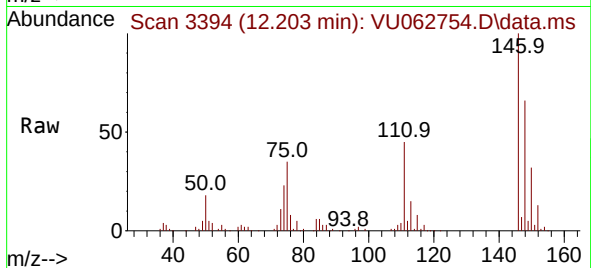
Tgt Ion:146 Resp: 75572

Ion Ratio Lower Upper

146 100

111 44.8 36.3 54.5

148 66.0 52.0 78.0



#68

1,2-Dibromo-3-chloropropane

Concen: 5.212 ug/L

RT: 12.990 min Scan# 3639

Delta R.T. 0.006 min

Lab File: VU062754.D

Acq: 14 Jan 2025 19:55

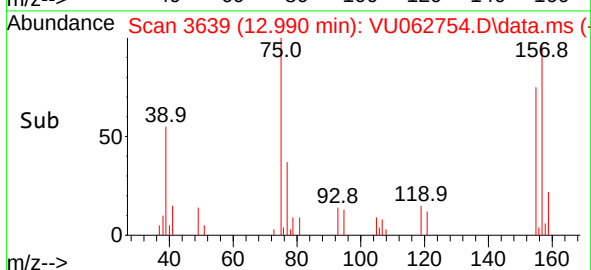
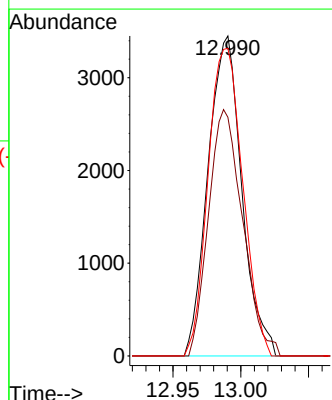
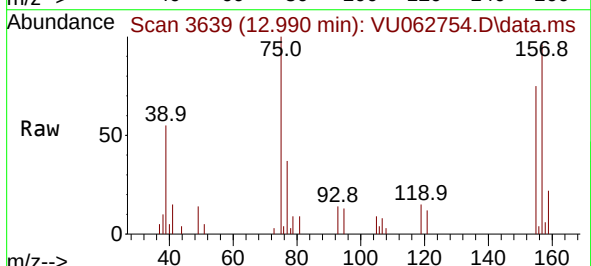
Tgt Ion: 75 Resp: 5975

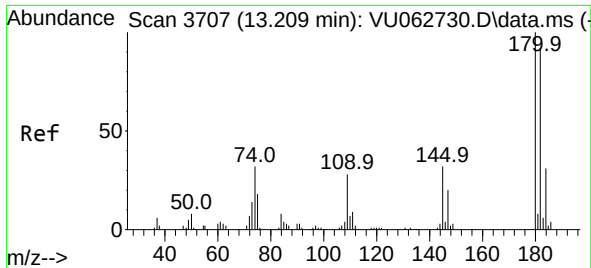
Ion Ratio Lower Upper

75 100

155 74.6 59.6 89.4

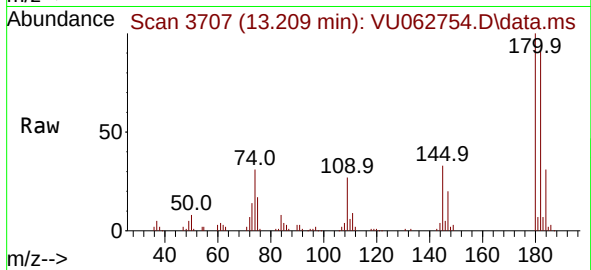
157 96.2 70.8 106.2



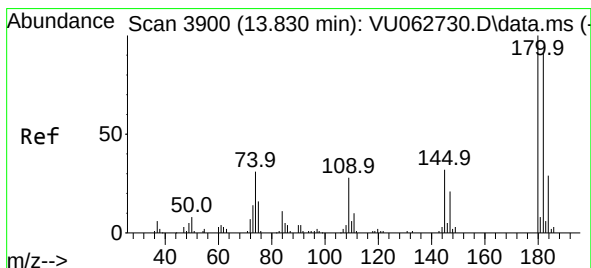
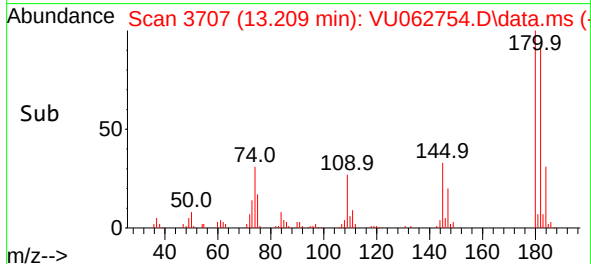
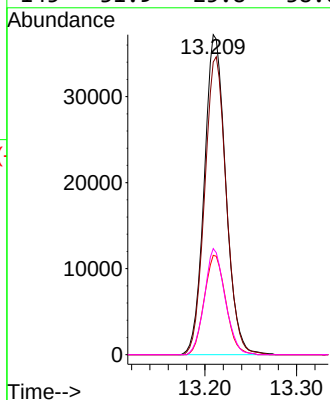


#69
 1,3,5-Trichlorobenzene
 Concen: 5.041 ug/L
 RT: 13.209 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU062754.D
 Acq: 14 Jan 2025 19:55

Instrument :
 MSVOA_U
 ClientSampleId :

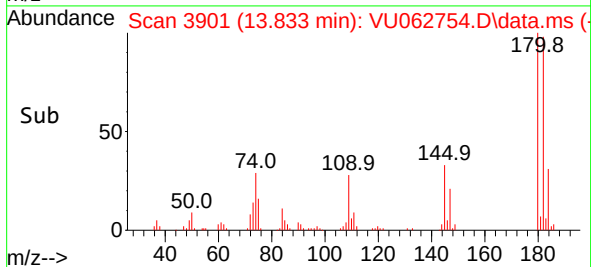
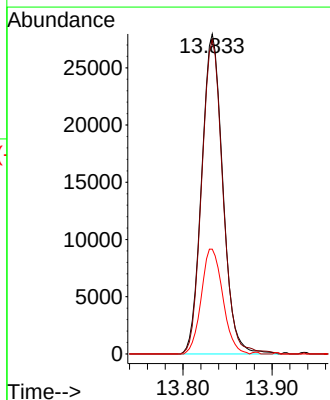
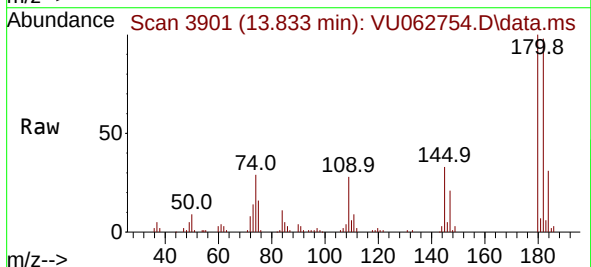


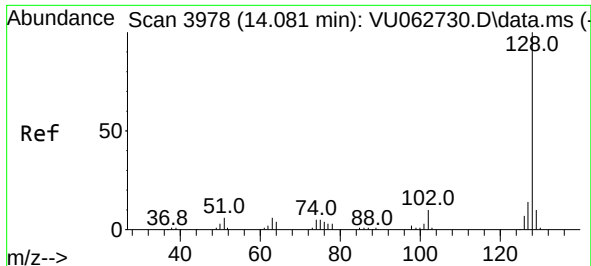
Tgt Ion:180 Resp: 60522
 Ion Ratio Lower Upper
 180 100
 182 93.5 75.8 113.8
 184 31.0 24.7 37.1
 145 31.9 25.8 38.6



#70
 1,2,4-trichlorobenzene
 Concen: 4.761 ug/L
 RT: 13.833 min Scan# 3901
 Delta R.T. 0.003 min
 Lab File: VU062754.D
 Acq: 14 Jan 2025 19:55

Tgt Ion:180 Resp: 46040
 Ion Ratio Lower Upper
 180 100
 182 97.9 77.1 115.7
 145 33.3 26.9 40.3

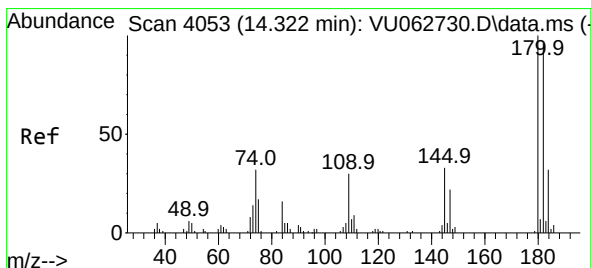
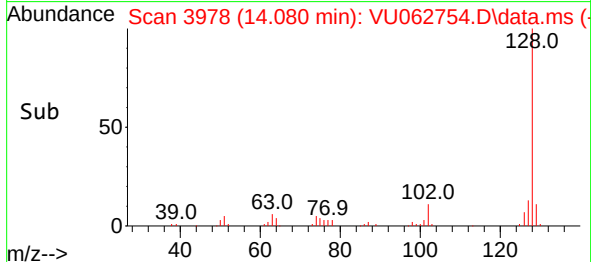
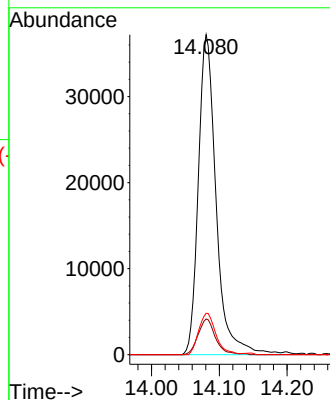
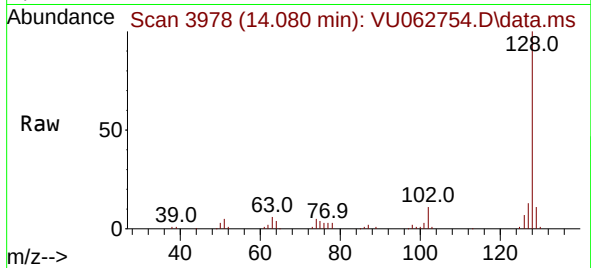




#71
Naphthalene
Concen: 4.794 ug/L
RT: 14.080 min Scan# 3978
Delta R.T. -0.000 min
Lab File: VU062754.D
Acq: 14 Jan 2025 19:55

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 67825
Ion Ratio Lower Upper
128 100
129 10.8 8.5 12.7
127 12.5 10.2 15.2



#72
1,2,3-Trichlorobenzene
Concen: 4.708 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. -0.000 min
Lab File: VU062754.D
Acq: 14 Jan 2025 19:55

Tgt Ion:180 Resp: 39680
Ion Ratio Lower Upper
180 100
182 96.9 79.8 119.6
145 35.7 29.2 43.8

