

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111924\
 Data File : VU061850.D
 Acq On : 19 Nov 2024 12:58
 Operator : MD/SY
 Sample : VSTD001
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 20 00:27:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 20 00:25:49 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.239	114	187046	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	236801	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.808	152	107679	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	7963	0.706	ug/L	0.00
7) Chloroethane-d5	1.908	69	8657	0.868	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.564	65	3238	0.643	ug/L	0.00
20) 2-Butanone-d5	4.647	46	20994	8.280	ug/L	0.02
24) Chloroform-d	5.055	84	19199	0.819	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.695	65	9340	0.837	ug/L	0.00
32) Benzene-d6	5.721	84	34344	0.569	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.682	67	11004	0.588	ug/L	0.00
41) Toluene-d8	7.891	98	39980	0.699	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.178	79	5197	0.751	ug/L	0.00
46) 2-Hexanone-d5	8.634	63	20208	7.523	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.747	84	12360	0.854	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.187	152	15292	0.814	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.384	85	13284	0.959	ug/L	99
3) Chloromethane	1.515	50	12765	1.021	ug/L	99
5) Vinyl chloride	1.599	62	14228	1.013	ug/L	100
6) Bromomethane	1.853	94	9759	1.148	ug/L	93
8) Chloroethane	1.930	64	11244	1.132	ug/L	99
9) Trichlorofluoromethane	2.133	101	24273	1.184	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	12043	0.994	ug/L	98
12) 1,1-Dichloroethene	2.573	96	10304	0.911	ug/L	97
13) Acetone	2.650	43	14803	9.247	ug/L	96
14) Carbon disulfide	2.789	76	32142	0.889	ug/L	98
15) Methyl Acetate	2.962	43	3442	0.841	ug/L	97
16) Methylene chloride	3.039	84	12699	0.973	ug/L	97
17) Methyl tert-butyl Ether	3.358	73	24807	0.903	ug/L	97
18) trans-1,2-Dichloroethene	3.348	96	11679	0.947	ug/L	96
19) 1,1-Dichloroethane	3.863	63	21261	0.941	ug/L	99
21) 2-Butanone	4.724	43	19947	7.540	ug/L	94
22) cis-1,2-Dichloroethene	4.660	96	13300	0.947	ug/L	98
23) Bromochloromethane	4.969	128	6128	0.977	ug/L	99
25) Chloroform	5.078	83	23033	0.964	ug/L	99
27) 1,2-Dichloroethane	5.789	62	14523	0.973	ug/L	96
29) 1,1,1-Trichloroethane	5.306	97	18962	0.733	ug/L	98
30) Cyclohexane	5.377	56	18496	0.720	ug/L	97
31) Carbon tetrachloride	5.512	117	15874	0.721	ug/L	97
33) Benzene	5.766	78	50896	0.741	ug/L	100
34) Trichloroethene	6.538	95	13219	0.679	ug/L	96
35) Methylcyclohexane	6.753	83	19835	0.674	ug/L	99
37) 1,2-Dichloropropane	6.782	63	13109	0.715	ug/L	100
38) Bromodichloromethane	7.097	83	14616	0.674	ug/L	94
39) cis-1,3-Dichloropropene	7.602	75	20669	0.804	ug/L	96
40) 4-Methyl-2-pentanone	7.785	43	76514	8.830	ug/L	98
42) Toluene	7.962	91	69872	0.887	ug/L	97
44) trans-1,3-Dichloropropene	8.206	75	17361	0.852	ug/L	96

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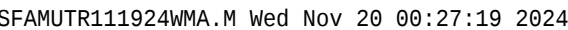
Quant Time: Nov 20 00:27:08 2024
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 20 00:25:49 2024
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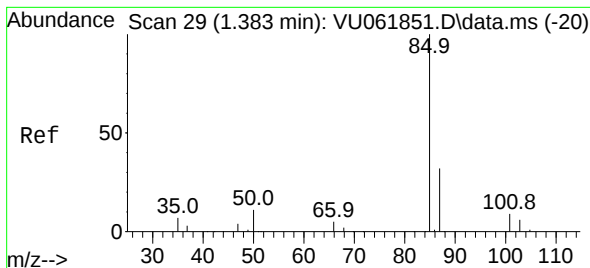
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	8.393	97	12131	0.892	ug/L	97
47) Tetrachloroethene	8.544	164	13680	0.930	ug/L	97
48) 2-Hexanone	8.682	43	54877	8.863	ug/L	95
49) Dibromochloromethane	8.801	129	11814	0.852	ug/L	99
50) 1,2-Dibromoethane	8.917	107	11601	0.915	ug/L	100
51) Chlorobenzene	9.441	112	45173	0.907	ug/L	97
52) Ethylbenzene	9.563	91	70042	0.851	ug/L	99
53) m,p-Xylene	9.686	106	26097	0.830	ug/L	97
54) o-Xylene	10.094	106	29881	1.017	ug/L	99
55) Styrene	10.110	104	44825	0.962	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.772	83	14146	0.919	ug/L	99
59) Bromoform	10.287	173	7056	0.992	ug/L	99
60) Isopropylbenzene	10.476	105	73357	0.979	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	9634	0.949	ug/L	99
62) 1,3,5-Trimethylbenzene	11.078	105	51178	0.855	ug/L	98
63) 1,2,4-Trimethylbenzene	11.460	105	47799	0.820	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	34850	1.011	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	34023	0.973	ug/L	96
67) 1,2-Dichlorobenzene	12.203	146	28992	0.904	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.997	75	1036	0.583	ug/L #	73
69) 1,3,5-Trichlorobenzene	13.213	180	17220	0.714	ug/L	98
70) 1,2,4-trichlorobenzene	13.836	180	12860	0.686	ug/L	99
71) Naphthalene	14.087	128	17710	0.656	ug/L	98
72) 1,2,3-Trichlorobenzene	14.322	180	11459	0.729	ug/L	95

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

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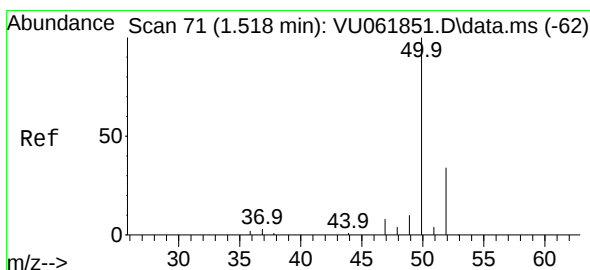
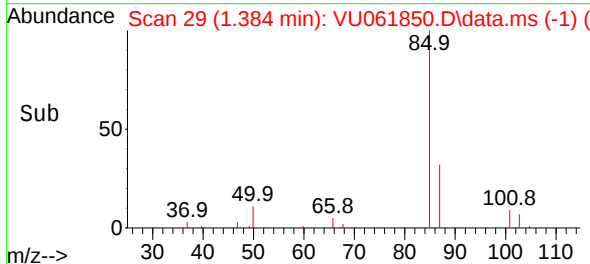
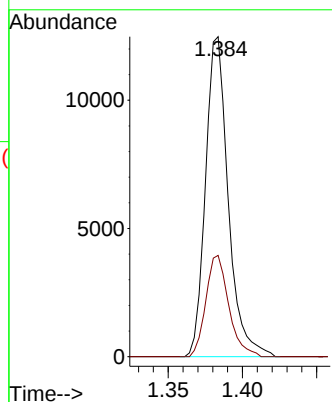
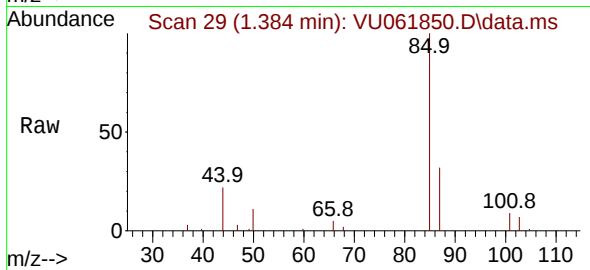




#2
Dichlorodifluoromethane
Concen: 0.959 ug/L
RT: 1.384 min Scan# 20
Delta R.T. 0.000 min
Lab File: VU061850.D
Acq: 19 Nov 2024 12:58

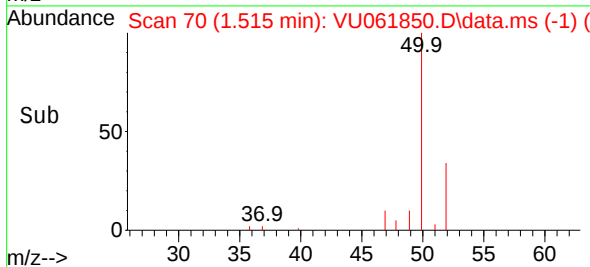
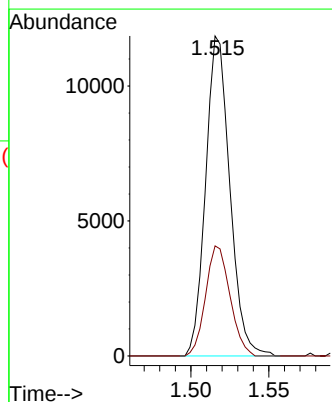
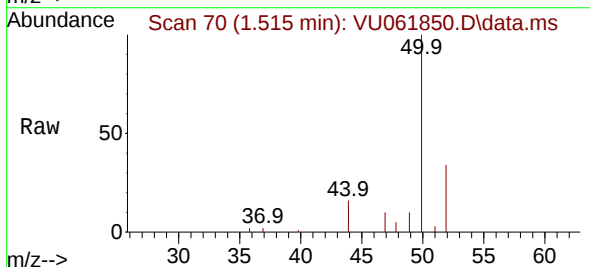
Instrument :
MSVOA_U
ClientSampleId :

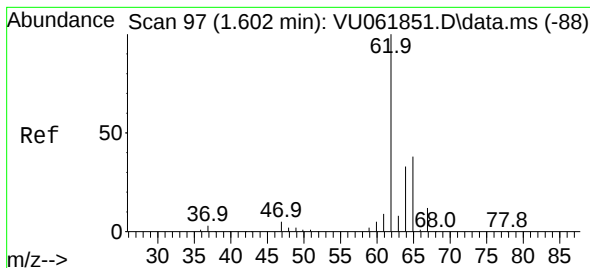
Tgt Ion: 85 Resp: 13284
Ion Ratio Lower Upper
85 100
87 31.9 26.0 39.0



#3
Chloromethane
Concen: 1.021 ug/L
RT: 1.515 min Scan# 70
Delta R.T. -0.003 min
Lab File: VU061850.D
Acq: 19 Nov 2024 12:58

Tgt Ion: 50 Resp: 12765
Ion Ratio Lower Upper
50 100
52 34.4 23.7 43.9





#5

Vinyl chloride

Concen: 1.013 ug/L

RT: 1.599 min Scan# 9

Delta R.T. -0.003 min

Lab File: VU061850.D

Acq: 19 Nov 2024 12:58

Instrument :

MSVOA_U

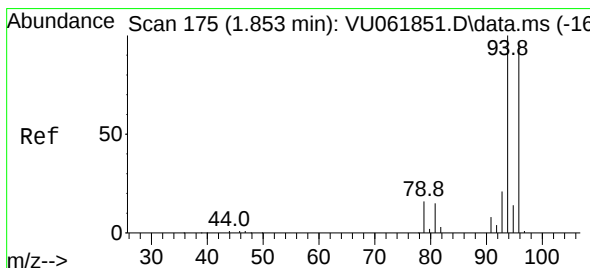
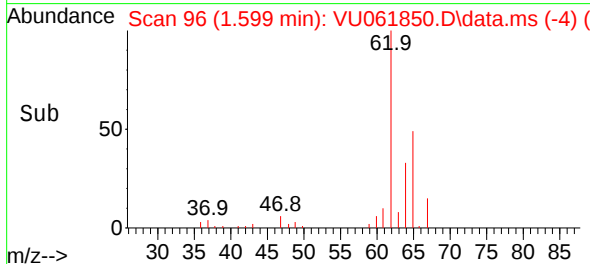
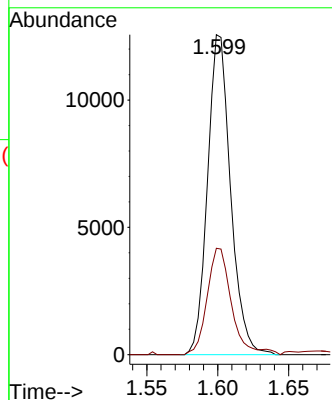
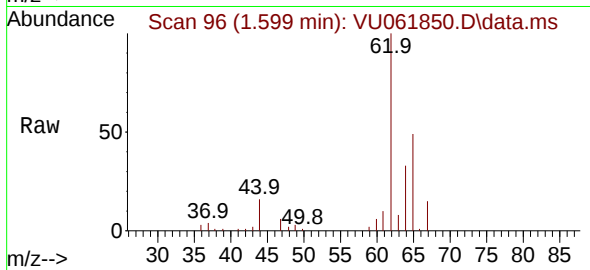
ClientSampleId :

Tgt Ion: 62 Resp: 14228

Ion Ratio Lower Upper

62 100

64 33.2 23.2 43.0



#6

Bromomethane

Concen: 1.148 ug/L

RT: 1.853 min Scan# 175

Delta R.T. 0.000 min

Lab File: VU061850.D

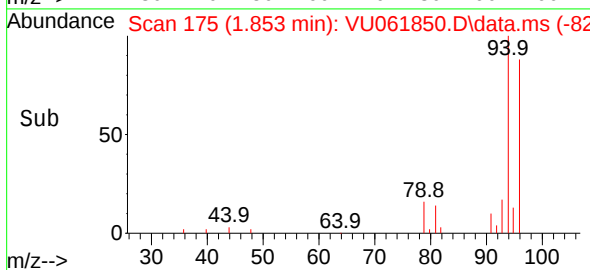
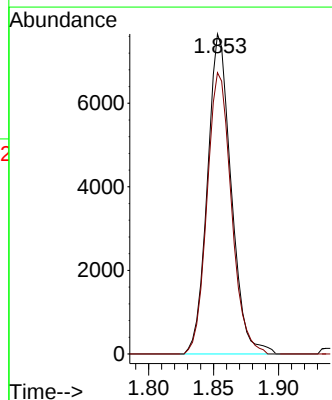
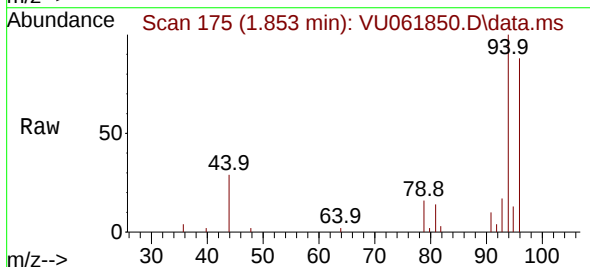
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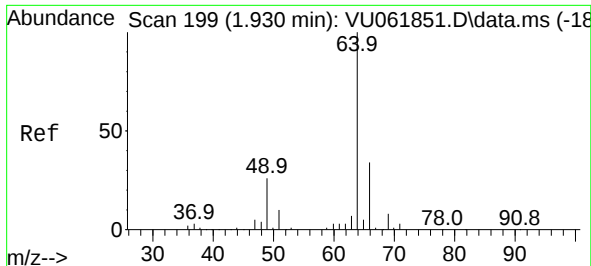
Tgt Ion: 94 Resp: 9759

Ion Ratio Lower Upper

94 100

96 87.9 66.5 123.5

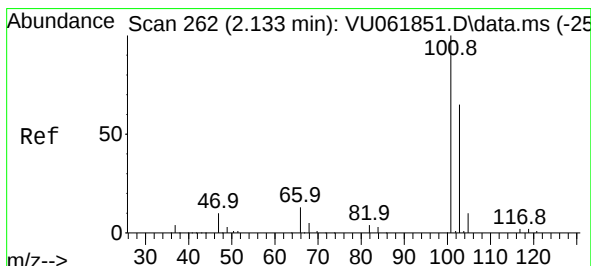
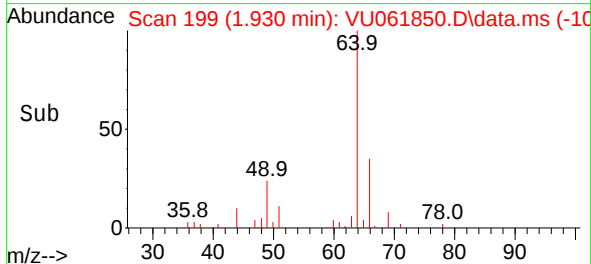
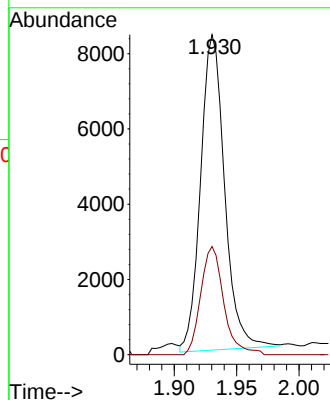
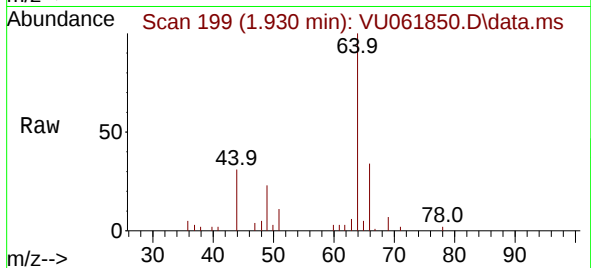




#8
Chloroethane
Concen: 1.132 ug/L
RT: 1.930 min Scan# 199
Delta R.T. 0.000 min
Lab File: VU061850.D
Acq: 19 Nov 2024 12:58

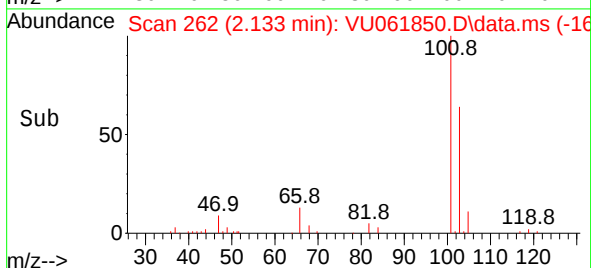
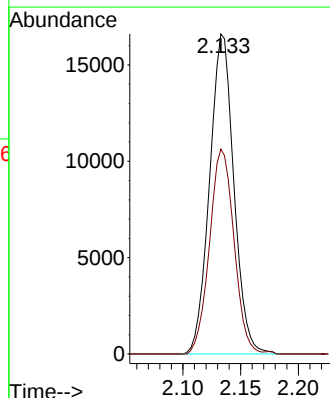
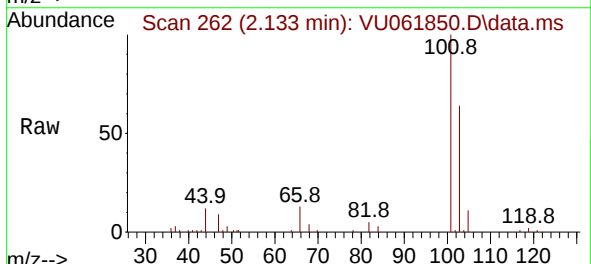
Instrument :
MSVOA_U
ClientSampleId :

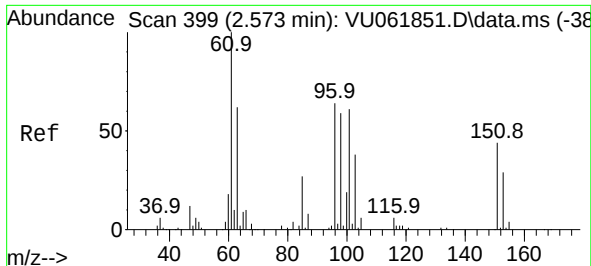
Tgt Ion: 64 Resp: 11244
Ion Ratio Lower Upper
64 100
66 33.8 23.4 43.6



#9
Trichlorofluoromethane
Concen: 1.184 ug/L
RT: 2.133 min Scan# 262
Delta R.T. 0.000 min
Lab File: VU061850.D
Acq: 19 Nov 2024 12:58

Tgt Ion:101 Resp: 24273
Ion Ratio Lower Upper
101 100
103 64.6 52.5 78.7

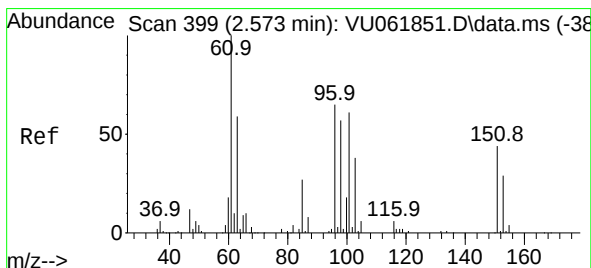
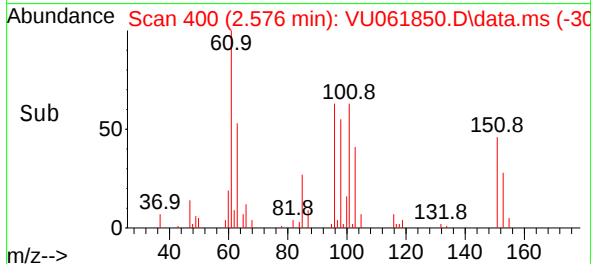
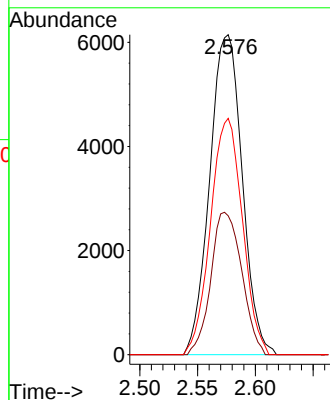
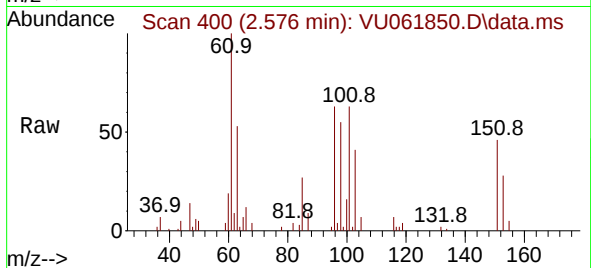




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.994 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.003 min
Lab File: VU061850.D
Acq: 19 Nov 2024 12:58

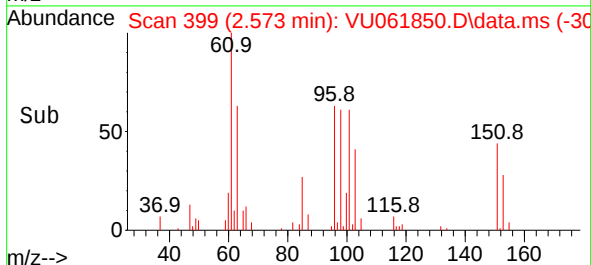
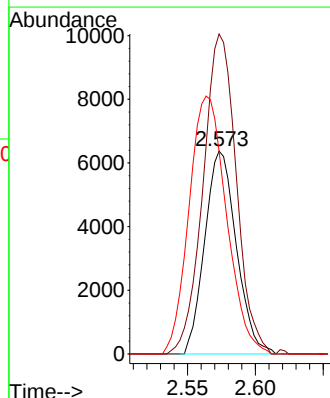
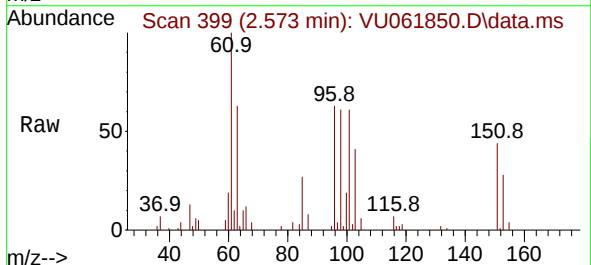
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ClientSampleId :

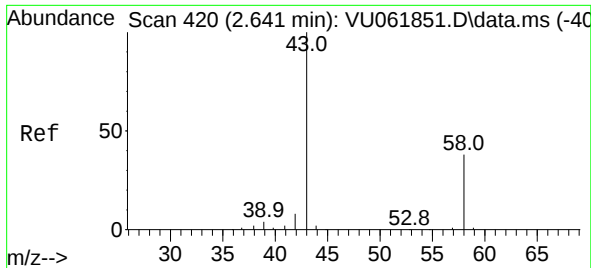
Tgt Ion:101 Resp: 12043
Ion Ratio Lower Upper
101 100
85 42.3 35.8 53.8
151 72.4 57.9 86.9



#12
1,1-Dichloroethene
Concen: 0.911 ug/L
RT: 2.573 min Scan# 399
Delta R.T. 0.000 min
Lab File: VU061850.D
Acq: 19 Nov 2024 12:58

Tgt Ion: 96 Resp: 10304
Ion Ratio Lower Upper
96 100
61 157.8 108.8 202.0
63 100.0 67.2 124.8

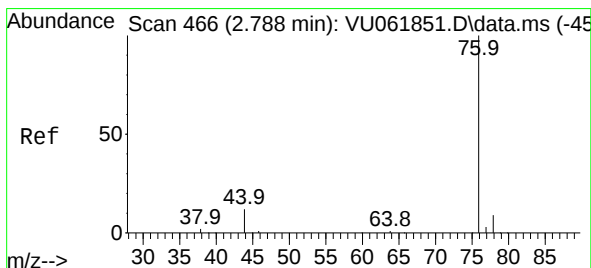
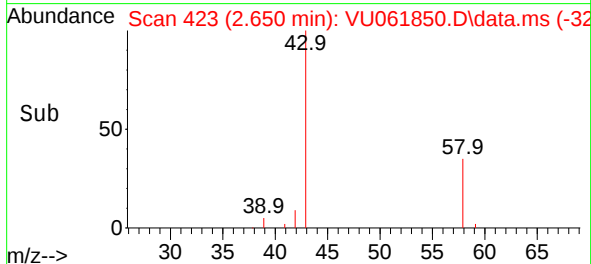
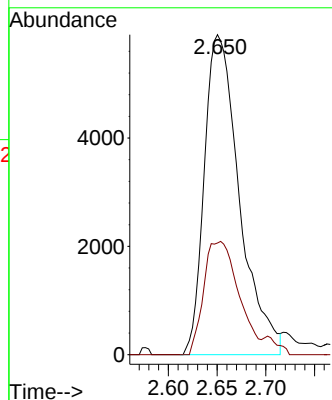
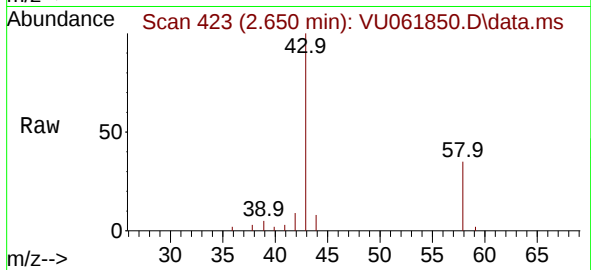




#13
Acetone
Concen: 9.247 ug/L
RT: 2.650 min Scan# 41
Delta R.T. 0.010 min
Lab File: VU061850.D
Acq: 19 Nov 2024 12:58

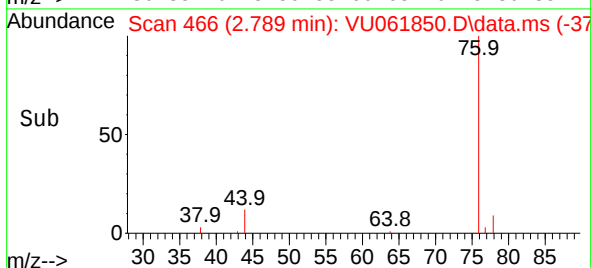
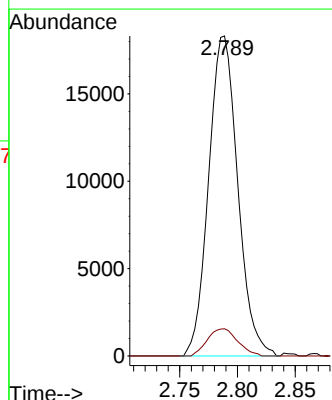
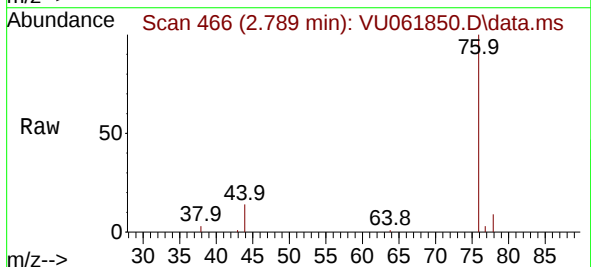
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MSVOA_U
ClientSampleId :

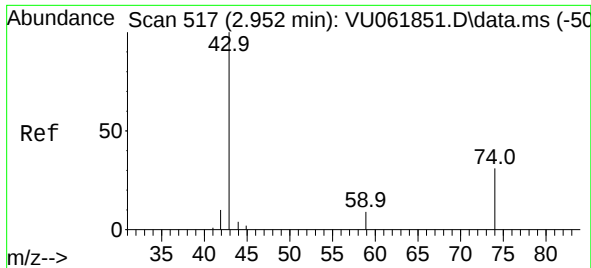
Tgt Ion: 43 Resp: 14803
Ion Ratio Lower Upper
43 100
58 35.3 0.0 75.8



#14
Carbon disulfide
Concen: 0.889 ug/L
RT: 2.789 min Scan# 466
Delta R.T. 0.000 min
Lab File: VU061850.D
Acq: 19 Nov 2024 12:58

Tgt Ion: 76 Resp: 32142
Ion Ratio Lower Upper
76 100
78 8.5 7.4 11.0

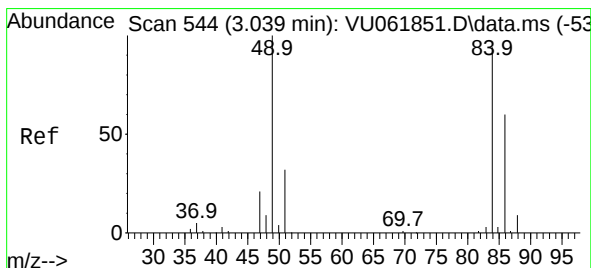
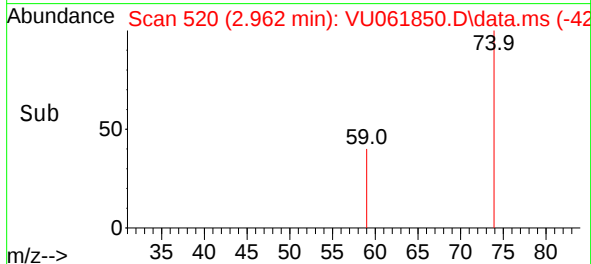
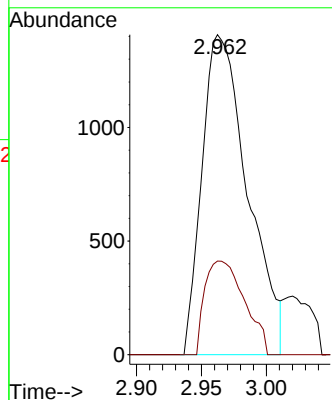
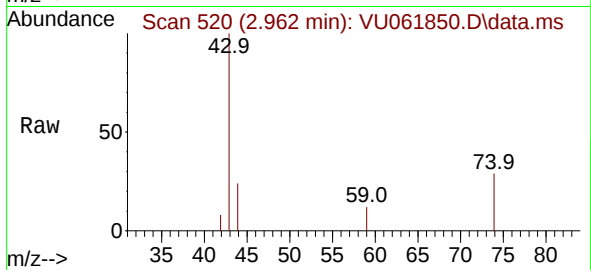




#15
Methyl Acetate
Concen: 0.841 ug/L
RT: 2.962 min Scan# 517
Delta R.T. 0.010 min
Lab File: VU061850.D
Acq: 19 Nov 2024 12:58

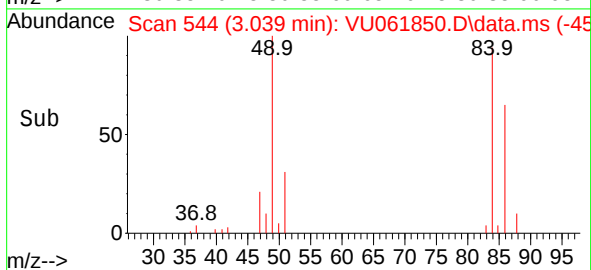
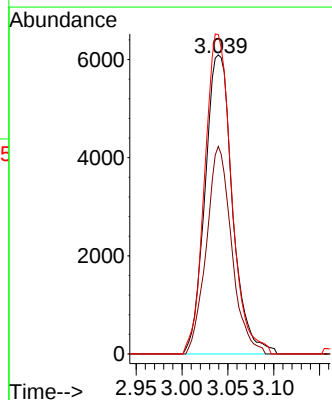
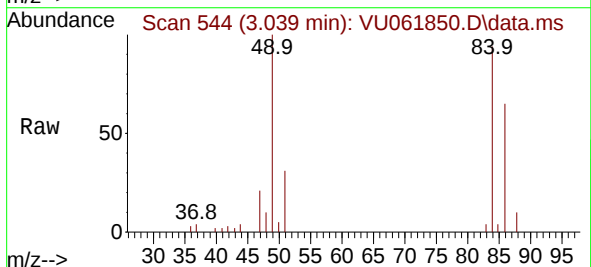
Instrument :
MSVOA_U
ClientSampleId :

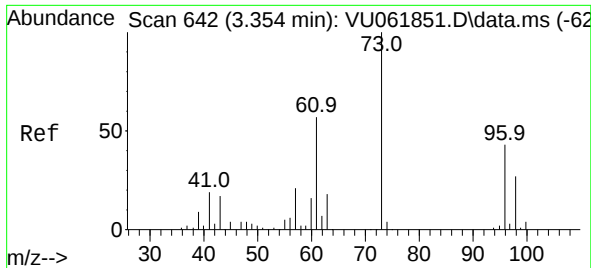
Tgt Ion: 43 Resp: 3442
Ion Ratio Lower Upper
43 100
74 25.5 21.5 32.3



#16
Methylene chloride
Concen: 0.973 ug/L
RT: 3.039 min Scan# 544
Delta R.T. 0.000 min
Lab File: VU061850.D
Acq: 19 Nov 2024 12:58

Tgt Ion: 84 Resp: 12699
Ion Ratio Lower Upper
84 100
86 69.4 45.0 83.6
49 106.8 74.5 138.5

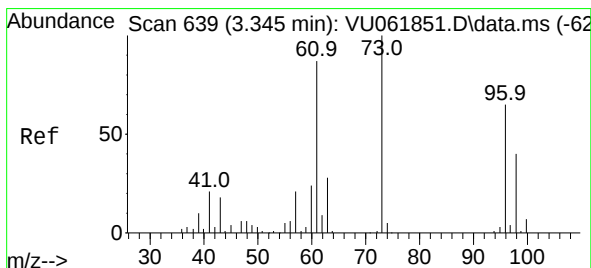
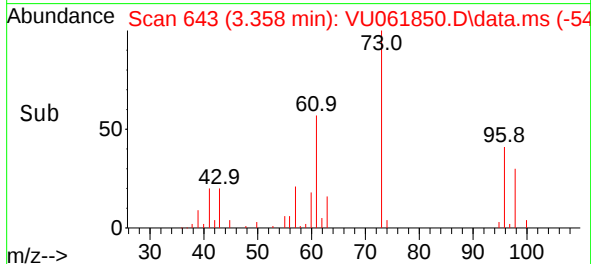
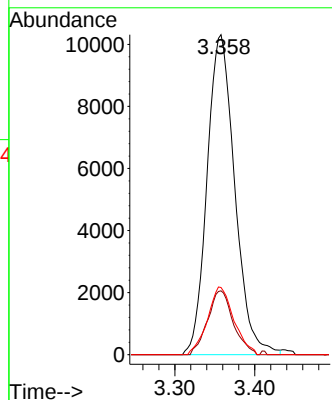
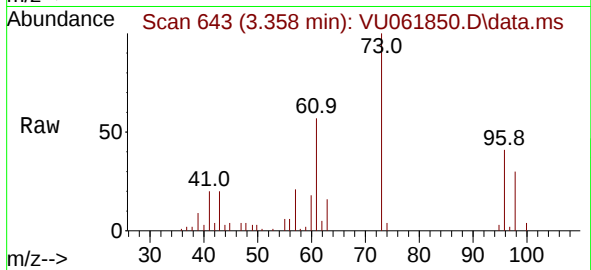




#17
Methyl tert-butyl Ether
Concen: 0.903 ug/L
RT: 3.358 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU061850.D
Acq: 19 Nov 2024 12:58

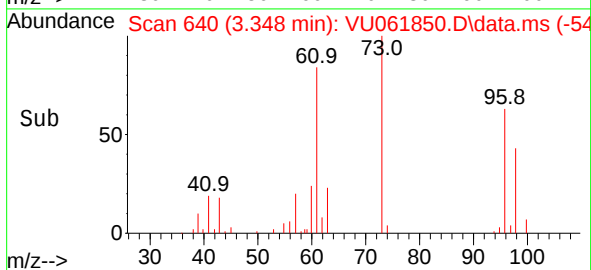
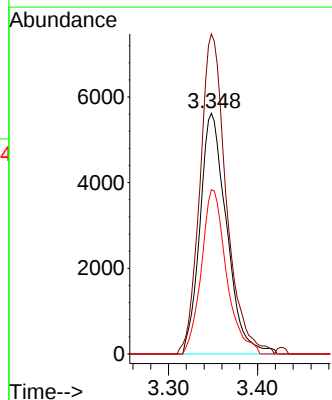
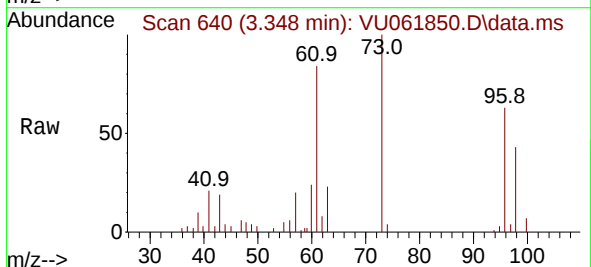
Instrument :
MSVOA_U
ClientSampleId :

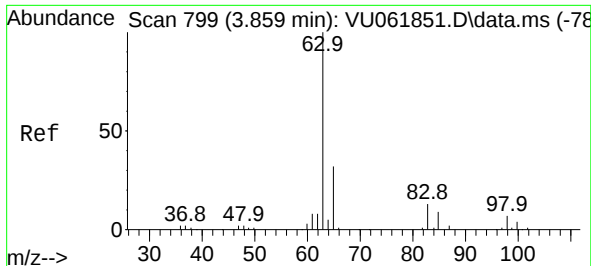
Tgt Ion: 73 Resp: 24807
Ion Ratio Lower Upper
73 100
43 18.5 14.2 21.4
57 20.1 17.4 26.2



#18
trans-1,2-Dichloroethene
Concen: 0.947 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.003 min
Lab File: VU061850.D
Acq: 19 Nov 2024 12:58

Tgt Ion: 96 Resp: 11679
Ion Ratio Lower Upper
96 100
61 133.0 94.1 174.8
98 68.3 42.8 79.4





#19

1,1-Dichloroethane

Concen: 0.941 ug/L

RT: 3.863 min Scan# 80

Delta R.T. 0.003 min

Lab File: VU061850.D

Acq: 19 Nov 2024 12:58

Instrument :

MSVOA_U

ClientSampleId :

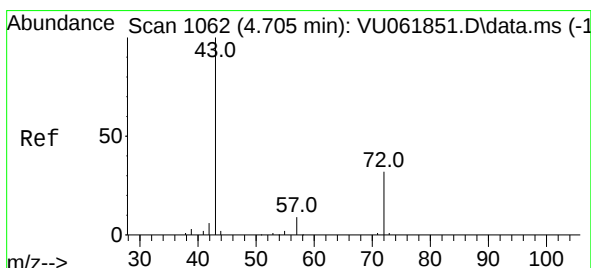
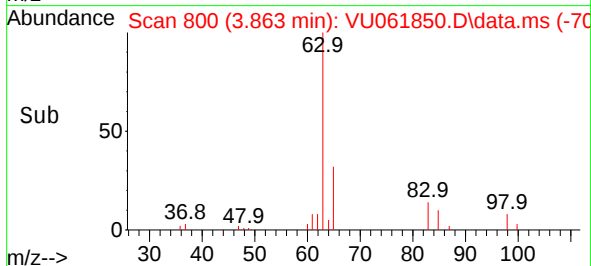
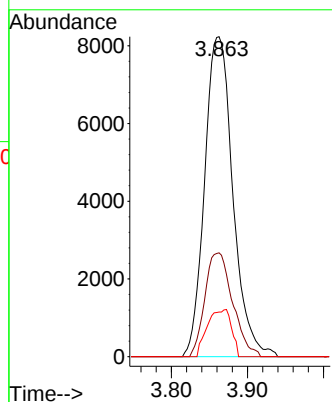
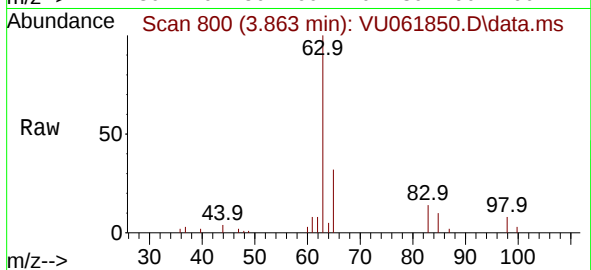
Tgt Ion: 63 Resp: 21261

Ion Ratio Lower Upper

63 100

65 32.4 22.6 42.0

83 13.9 9.4 17.4



#21

2-Butanone

Concen: 7.540 ug/L

RT: 4.724 min Scan# 1068

Delta R.T. 0.020 min

Lab File: VU061850.D

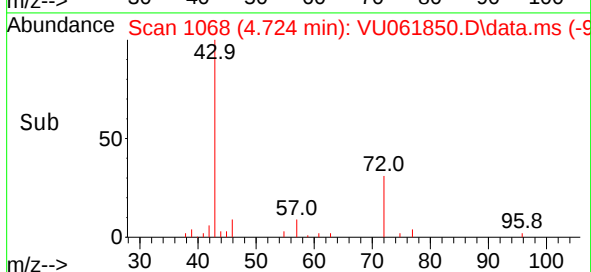
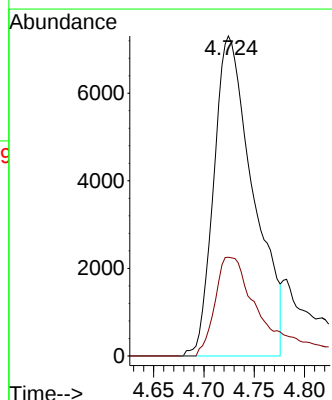
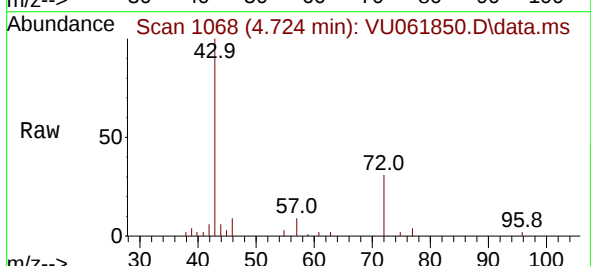
Acq: 19 Nov 2024 12:58

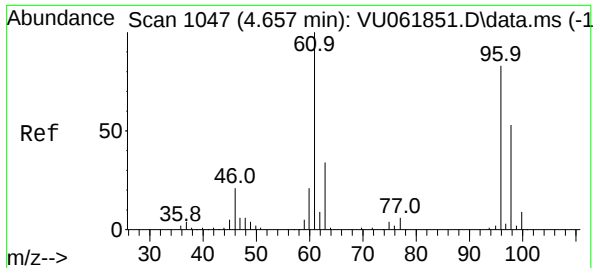
Tgt Ion: 43 Resp: 19947

Ion Ratio Lower Upper

43 100

72 35.4 16.1 48.3

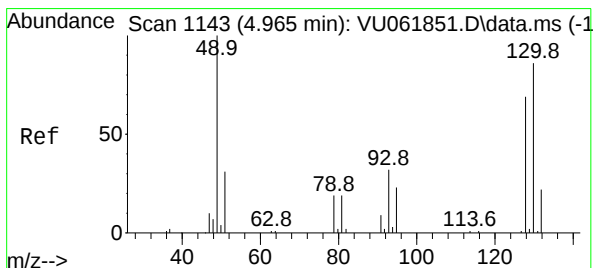
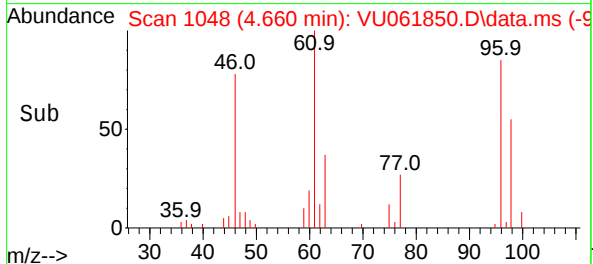
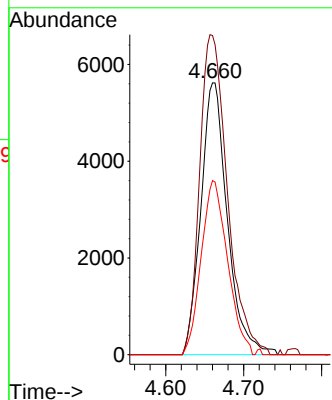
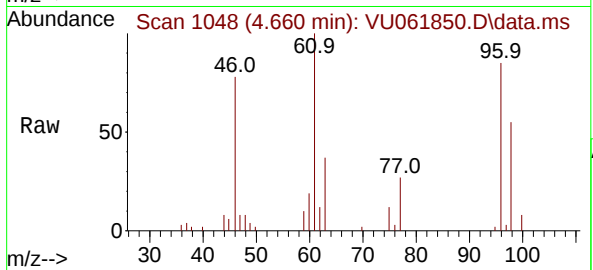




#22
cis-1,2-Dichloroethene
Concen: 0.947 ug/L
RT: 4.660 min Scan# 1048
Delta R.T. 0.003 min
Lab File: VU061850.D
Acq: 19 Nov 2024 12:58

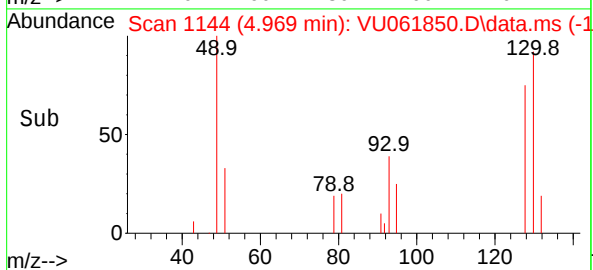
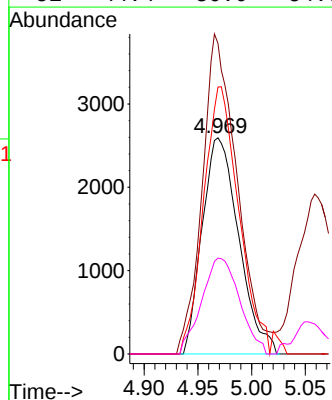
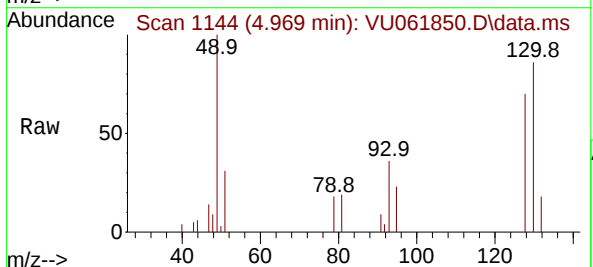
Instrument :
MSVOA_U
ClientSampleId :

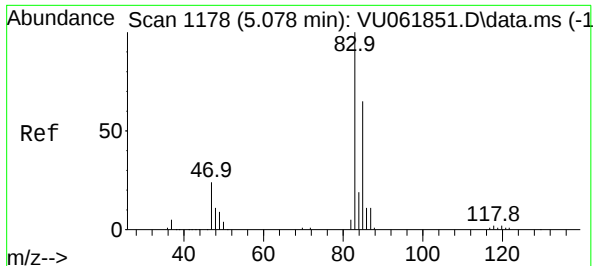
Tgt Ion: 96 Resp: 13300
Ion Ratio Lower Upper
96 100
61 117.5 84.5 156.9
98 64.1 44.6 82.8



#23
Bromochloromethane
Concen: 0.977 ug/L
RT: 4.969 min Scan# 1144
Delta R.T. 0.003 min
Lab File: VU061850.D
Acq: 19 Nov 2024 12:58

Tgt Ion: 128 Resp: 6128
Ion Ratio Lower Upper
128 100
49 143.7 100.9 187.5
130 123.5 87.0 161.6
51 44.4 36.0 54.0





#25

Chloroform

Concen: 0.964 ug/L

RT: 5.078 min Scan# 1178

Delta R.T. 0.000 min

Lab File: VU061850.D

Acq: 19 Nov 2024 12:58

Instrument :

MSVOA_U

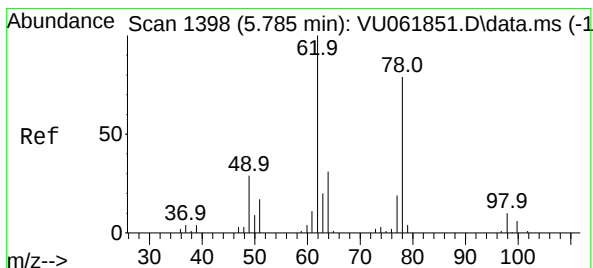
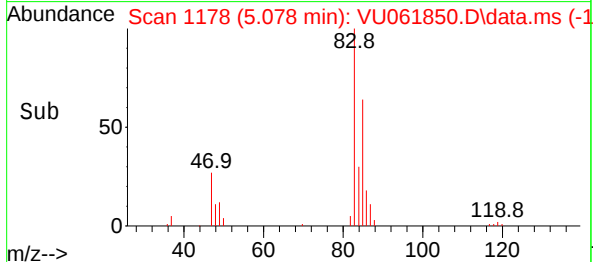
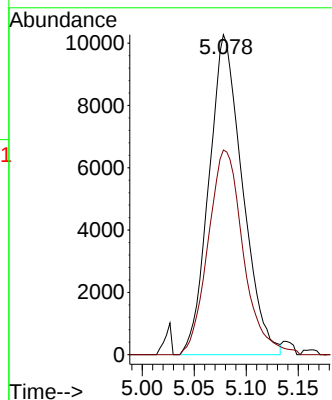
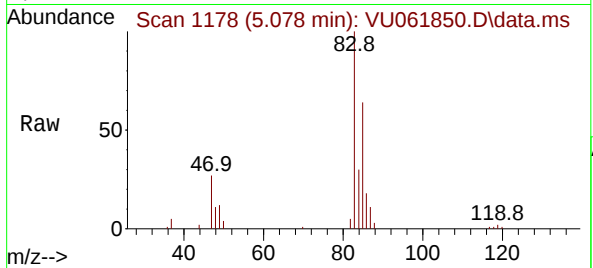
ClientSampleId :

Tgt Ion: 83 Resp: 23033

Ion Ratio Lower Upper

83 100

85 63.9 45.5 84.5



#27

1,2-Dichloroethane

Concen: 0.973 ug/L

RT: 5.789 min Scan# 1399

Delta R.T. 0.003 min

Lab File: VU061850.D

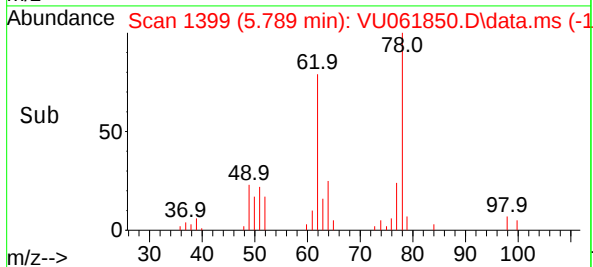
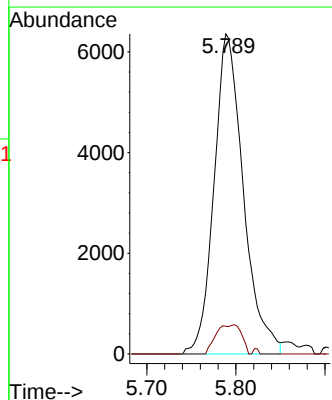
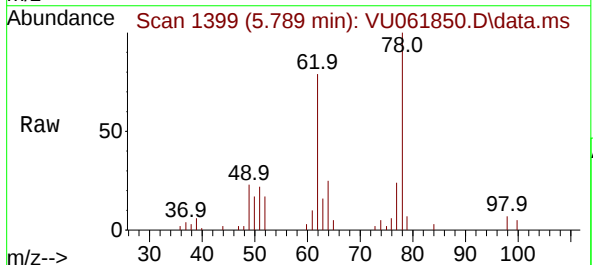
Acq: 19 Nov 2024 12:58

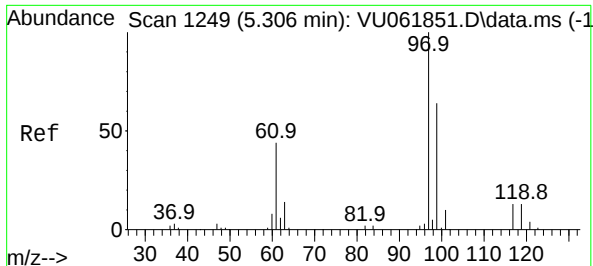
Tgt Ion: 62 Resp: 14523

Ion Ratio Lower Upper

62 100

98 8.7 8.1 12.1

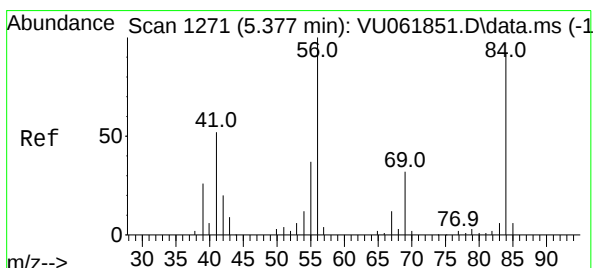
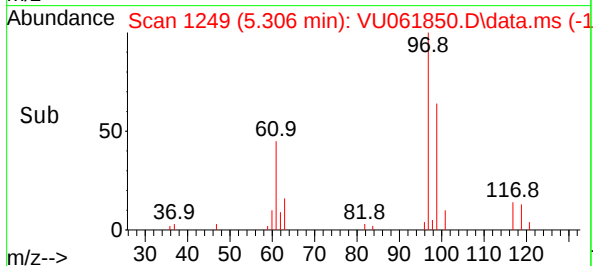
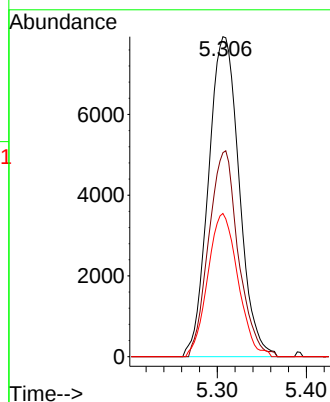
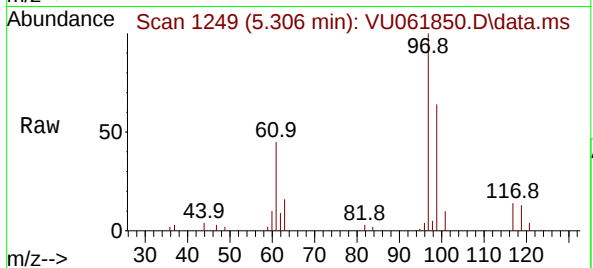




#29
1,1,1-Trichloroethane
Concen: 0.733 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. 0.000 min
Lab File: VU061850.D
Acq: 19 Nov 2024 12:58

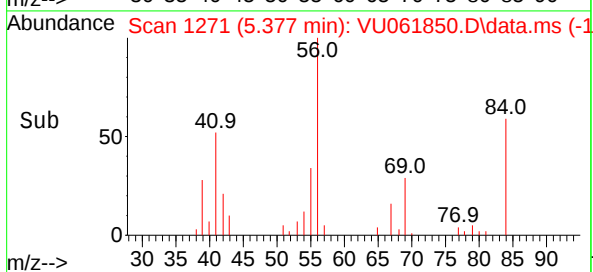
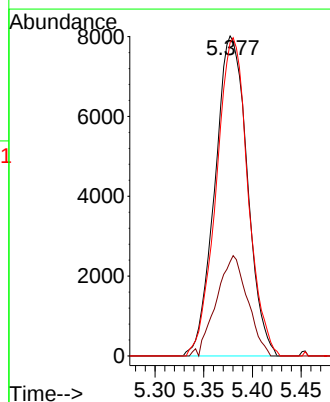
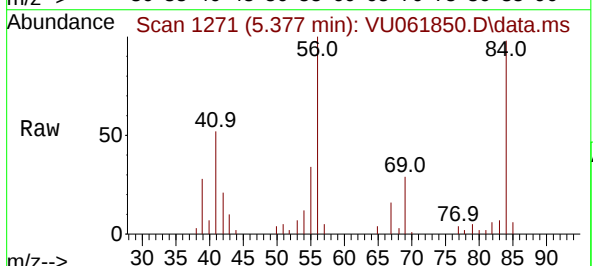
Instrument :
MSVOA_U
ClientSampleId :

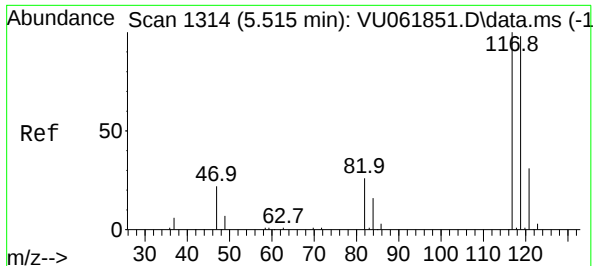
Tgt Ion:	97	Resp:	18962
Ion Ratio	Lower	Upper	
97	100		
99	62.0	51.0	76.4
61	44.0	34.8	52.2



#30
Cyclohexane
Concen: 0.720 ug/L
RT: 5.377 min Scan# 1271
Delta R.T. 0.000 min
Lab File: VU061850.D
Acq: 19 Nov 2024 12:58

Tgt Ion:	56	Resp:	18496
Ion Ratio	Lower	Upper	
56	100		
69	30.2	26.2	39.4
84	97.2	76.0	114.0

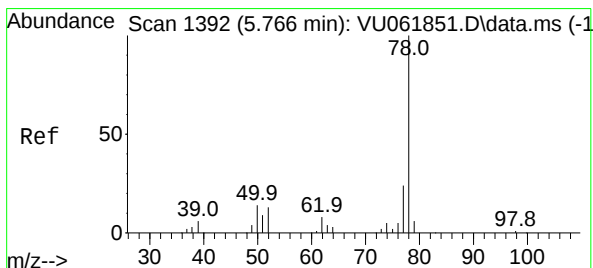
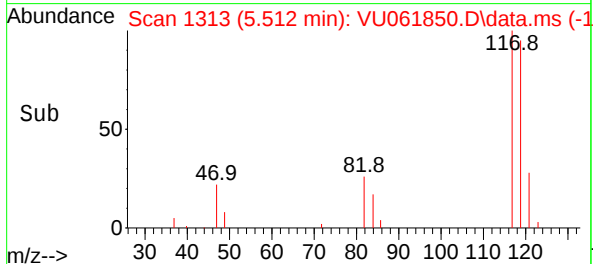
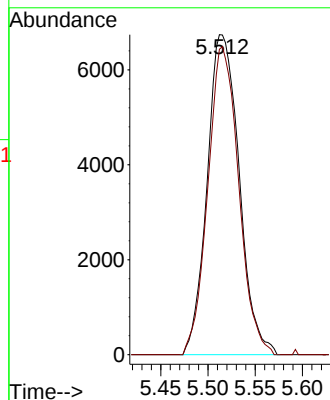
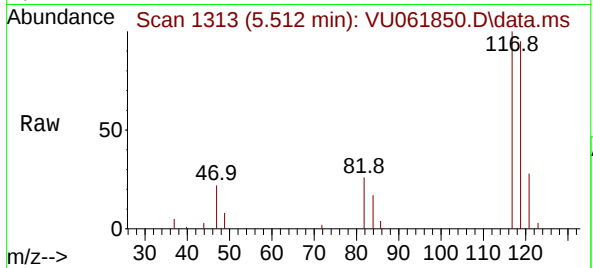




#31
Carbon tetrachloride
Concen: 0.721 ug/L
RT: 5.512 min Scan# 1314
Delta R.T. -0.003 min
Lab File: VU061850.D
Acq: 19 Nov 2024 12:58

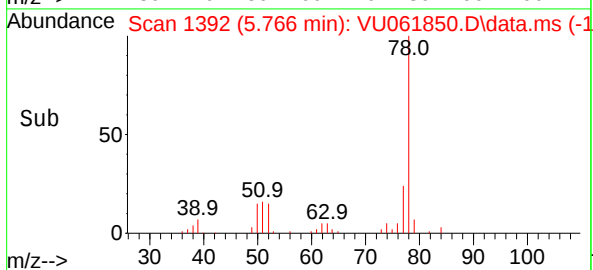
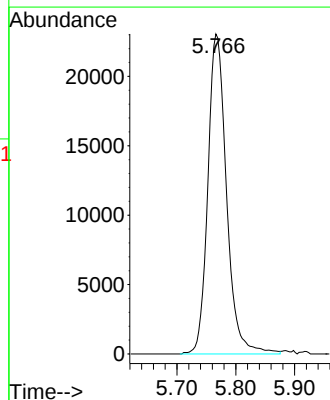
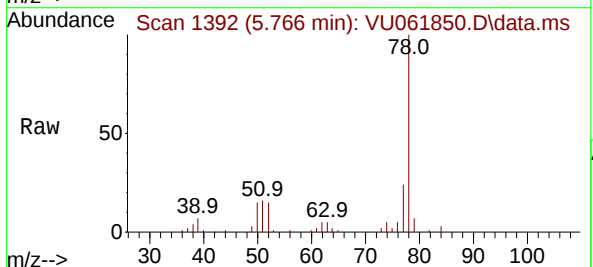
Instrument :
MSVOA_U
ClientSampleId :

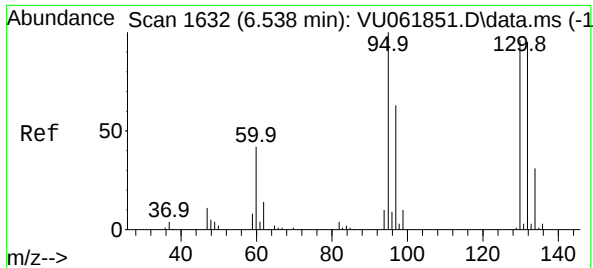
Tgt Ion:117 Resp: 15874
Ion Ratio Lower Upper
117 100
119 92.7 76.5 114.7



#33
Benzene
Concen: 0.741 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VU061850.D
Acq: 19 Nov 2024 12:58

Tgt Ion: 78 Resp: 50896

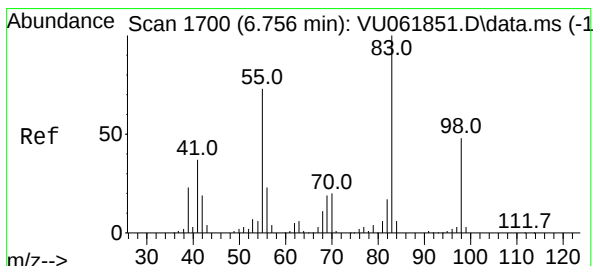
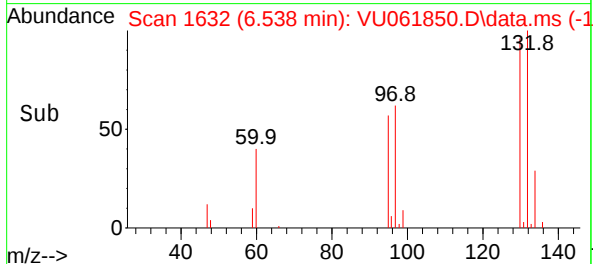
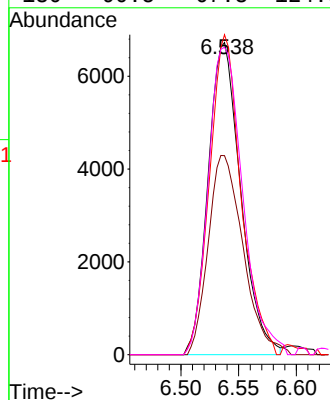
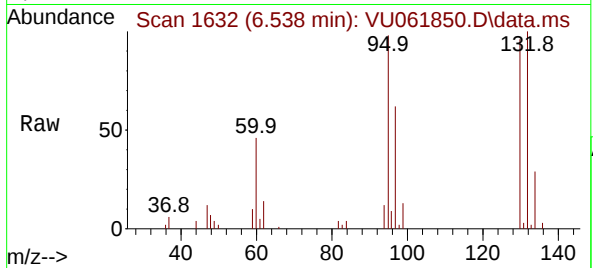




#34
Trichloroethene
Concen: 0.679 ug/L
RT: 6.538 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VU061850.D
Acq: 19 Nov 2024 12:58

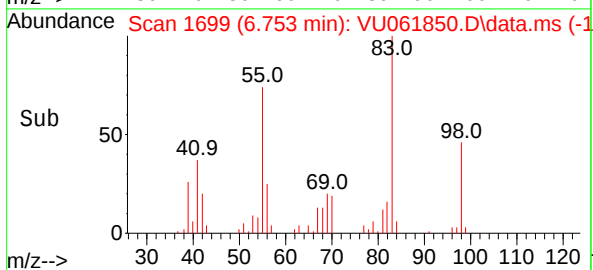
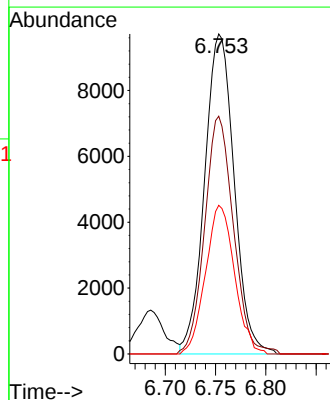
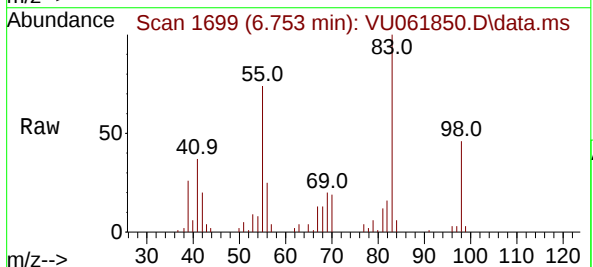
Instrument :
MSVOA_U
ClientSampleId :

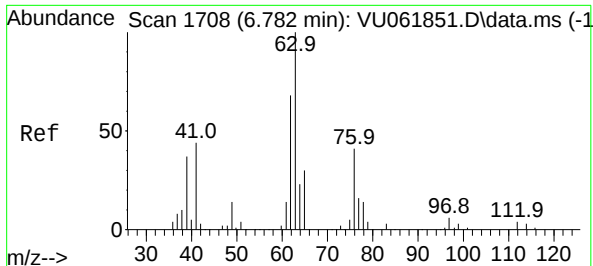
Tgt Ion: 95 Resp: 13219
Ion Ratio Lower Upper
95 100
97 58.6 44.2 82.0
132 94.3 66.4 123.2
130 90.5 67.3 124.9



#35
Methylcyclohexane
Concen: 0.674 ug/L
RT: 6.753 min Scan# 1699
Delta R.T. -0.003 min
Lab File: VU061850.D
Acq: 19 Nov 2024 12:58

Tgt Ion: 83 Resp: 19835
Ion Ratio Lower Upper
83 100
55 72.4 56.9 85.3
98 45.7 37.2 55.8

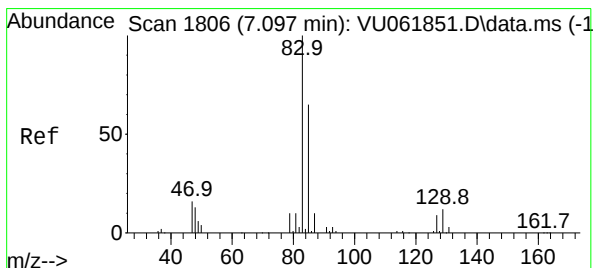
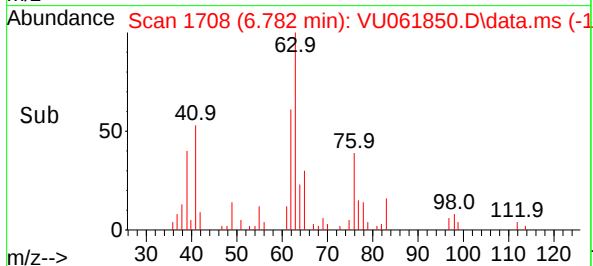
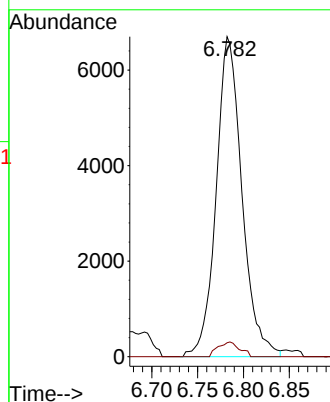
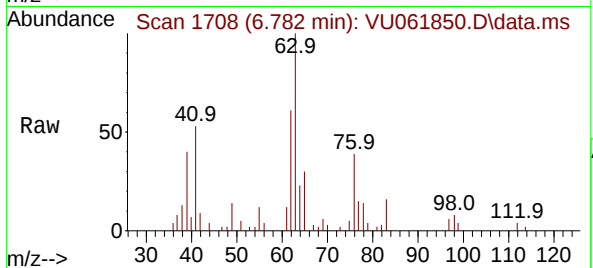




#37
1,2-Dichloropropane
Concen: 0.715 ug/L
RT: 6.782 min Scan# 1708
Delta R.T. 0.000 min
Lab File: VU061850.D
Acq: 19 Nov 2024 12:58

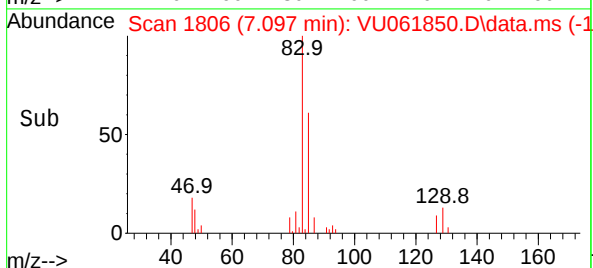
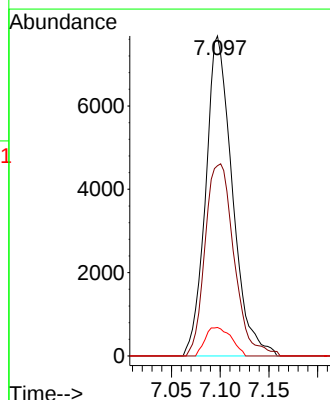
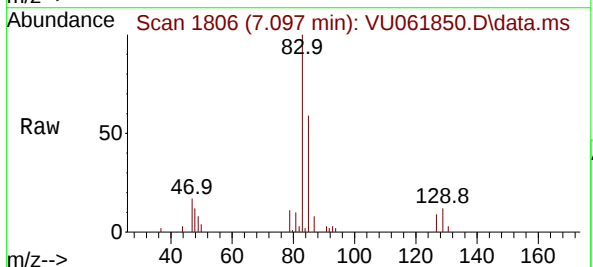
Instrument :
MSVOA_U
ClientSampleId :

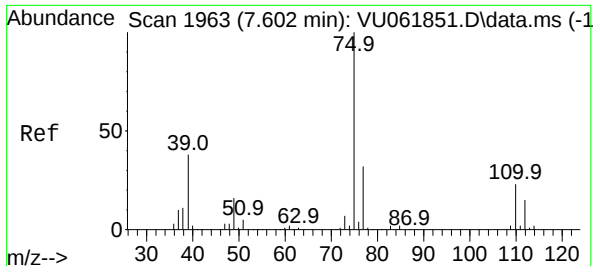
Tgt Ion: 63 Resp: 13109
Ion Ratio Lower Upper
63 100
112 3.8 3.0 4.6



#38
Bromodichloromethane
Concen: 0.674 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VU061850.D
Acq: 19 Nov 2024 12:58

Tgt Ion: 83 Resp: 14616
Ion Ratio Lower Upper
83 100
85 59.5 45.4 84.4
127 8.9 7.4 11.0

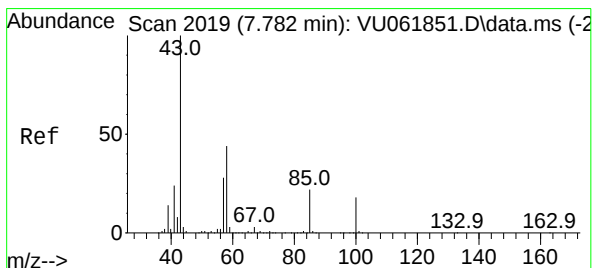
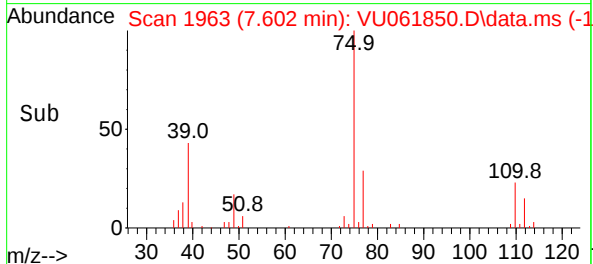
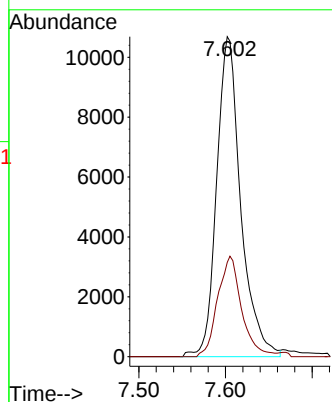
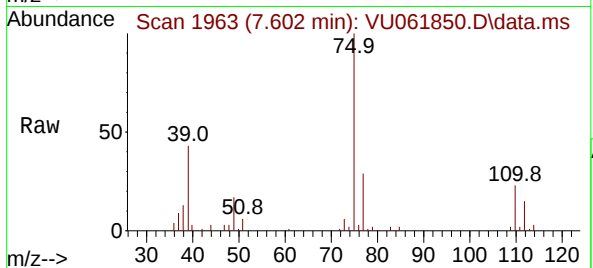




#39
 cis-1,3-Dichloropropene
 Concen: 0.804 ug/L
 RT: 7.602 min Scan# 1963
 Delta R.T. 0.000 min
 Lab File: VU061850.D
 Acq: 19 Nov 2024 12:58

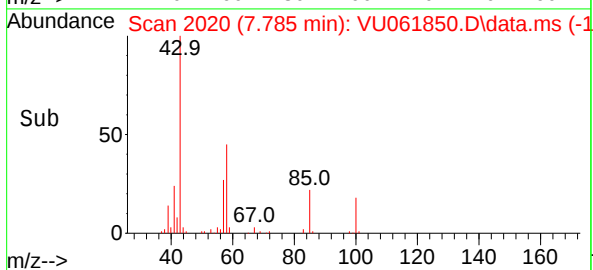
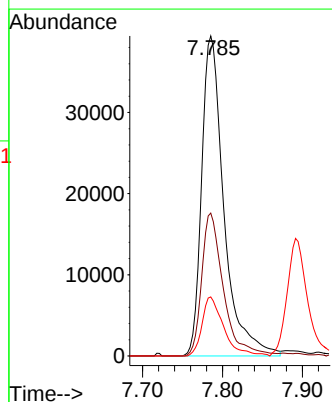
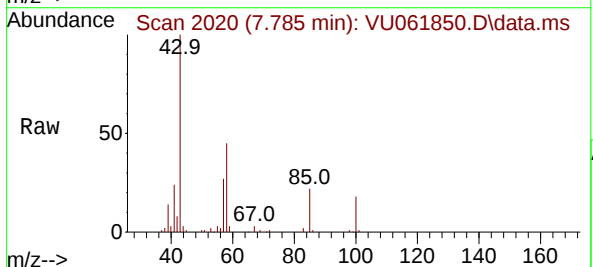
Instrument :
 MSVOA_U
 ClientSampleId :

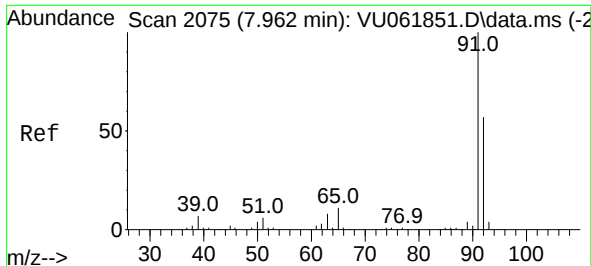
Tgt Ion: 75 Resp: 20669
 Ion Ratio Lower Upper
 75 100
 77 29.4 22.0 41.0



#40
 4-Methyl-2-pentanone
 Concen: 8.830 ug/L
 RT: 7.785 min Scan# 2020
 Delta R.T. 0.003 min
 Lab File: VU061850.D
 Acq: 19 Nov 2024 12:58

Tgt Ion: 43 Resp: 76514
 Ion Ratio Lower Upper
 43 100
 58 43.4 35.8 53.6
 100 17.9 14.7 22.1





#42

Toluene

Concen: 0.887 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. 0.000 min

Lab File: VU061850.D

Acq: 19 Nov 2024 12:58

Instrument :

MSVOA_U

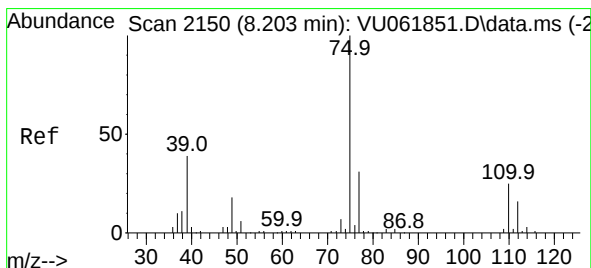
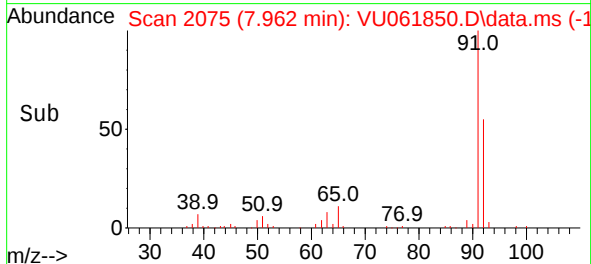
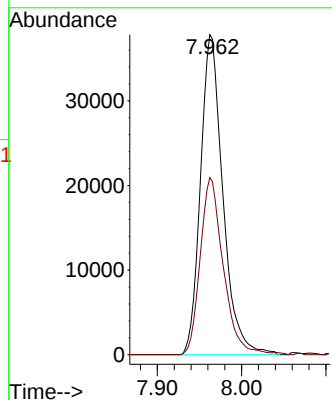
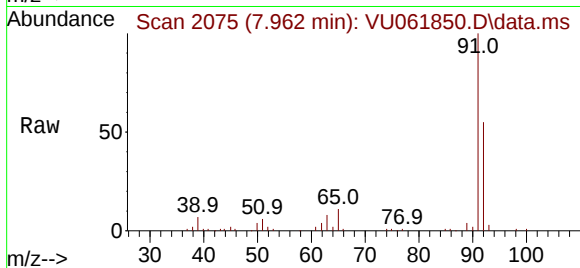
ClientSampleId :

Tgt Ion: 91 Resp: 69872

Ion Ratio Lower Upper

91 100

92 55.4 40.3 74.8



#44

trans-1,3-Dichloropropene

Concen: 0.852 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. 0.003 min

Lab File: VU061850.D

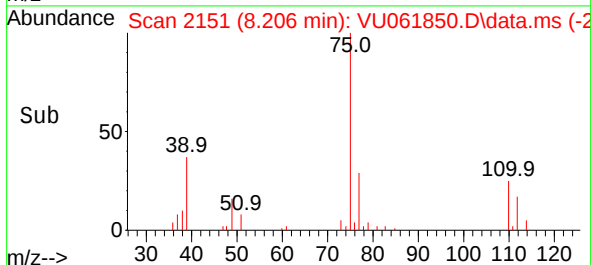
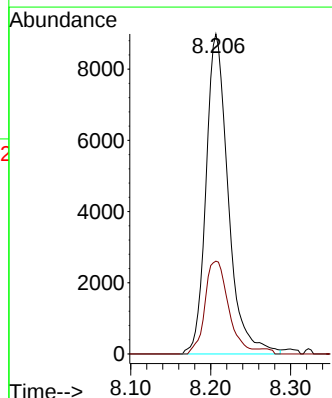
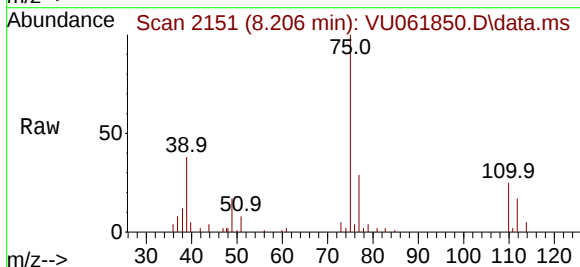
Acq: 19 Nov 2024 12:58

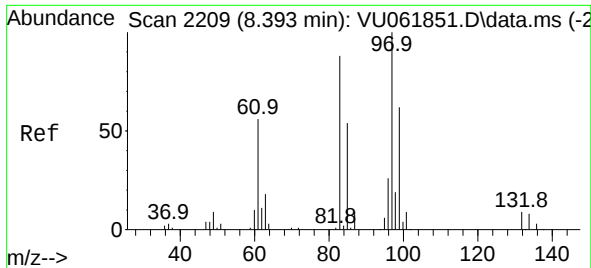
Tgt Ion: 75 Resp: 17361

Ion Ratio Lower Upper

75 100

77 29.0 21.8 40.6

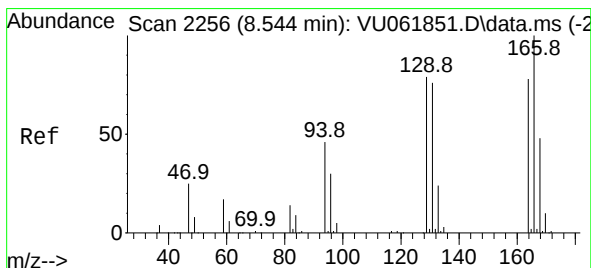
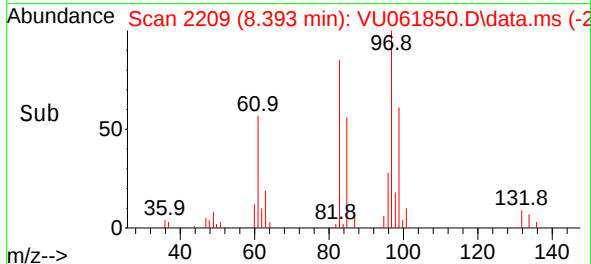
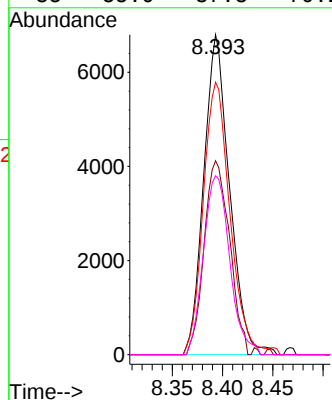
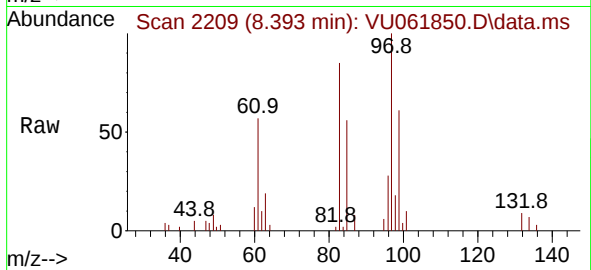




#45
1,1,2-Trichloroethane
Concen: 0.892 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. 0.000 min
Lab File: VU061850.D
Acq: 19 Nov 2024 12:58

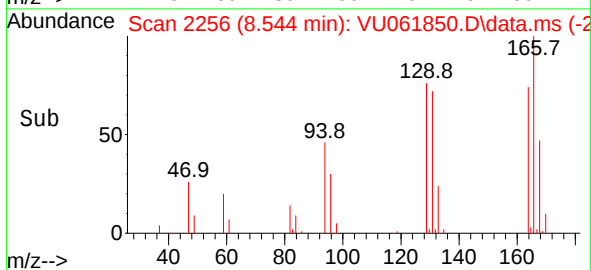
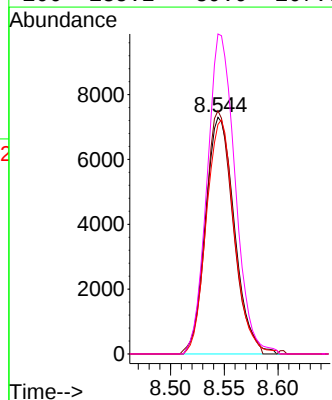
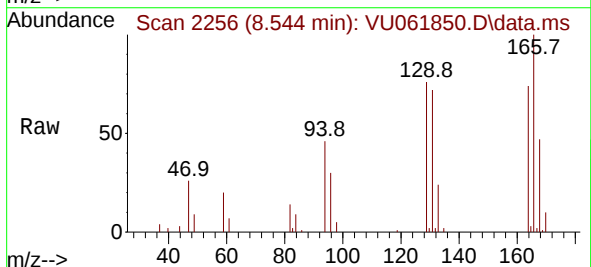
Instrument :
MSVOA_U
ClientSampleId :

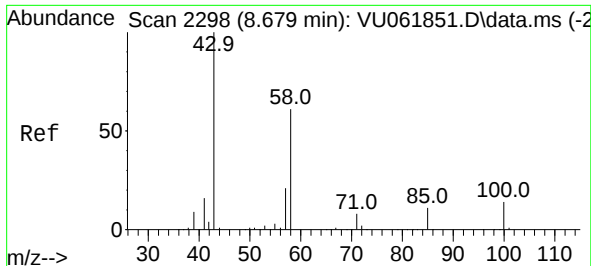
Tgt Ion: 97	Resp: 12131
Ion Ratio	Lower Upper
97 100	
99 60.6	43.6 81.0
83 85.2	61.7 114.5
85 55.9	37.8 70.2



#47
Tetrachloroethene
Concen: 0.930 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. 0.000 min
Lab File: VU061850.D
Acq: 19 Nov 2024 12:58

Tgt	Ion:164	Resp:	13680
Ion	Ratio	Lower	Upper
164	100		
129	102.7	71.4	132.6
131	97.0	68.2	126.6
166	135.2	89.9	167.0





#48

2-Hexanone

Concen: 8.863 ug/L

RT: 8.682 min Scan# 2299

Delta R.T. 0.003 min

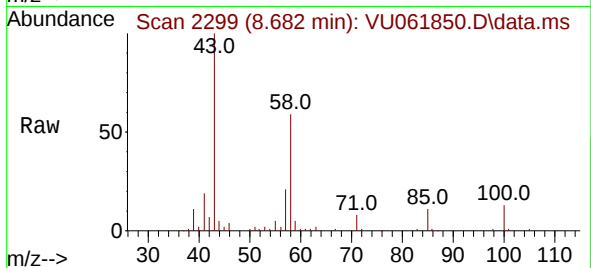
Lab File: VU061850.D

Acq: 19 Nov 2024 12:58

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 43 Resp: 54877

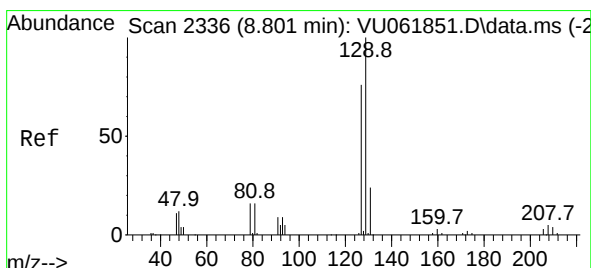
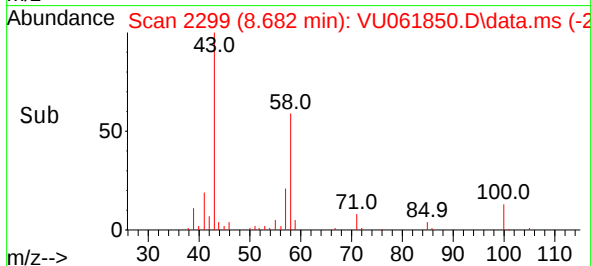
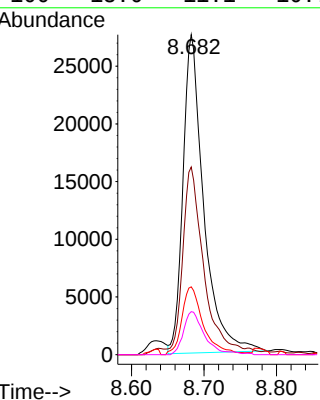
Ion Ratio Lower Upper

43 100

58 55.9 49.6 74.4

57 22.1 17.6 26.4

100 13.6 11.1 16.7



#49

Dibromochloromethane

Concen: 0.852 ug/L

RT: 8.801 min Scan# 2336

Delta R.T. 0.000 min

Lab File: VU061850.D

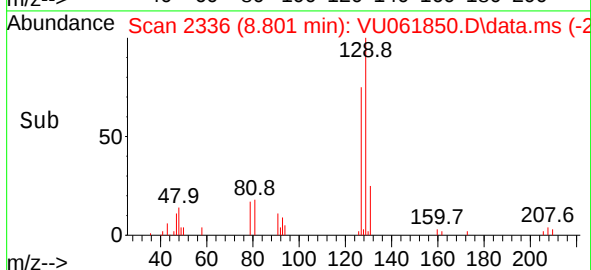
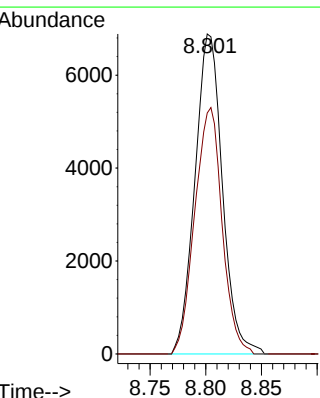
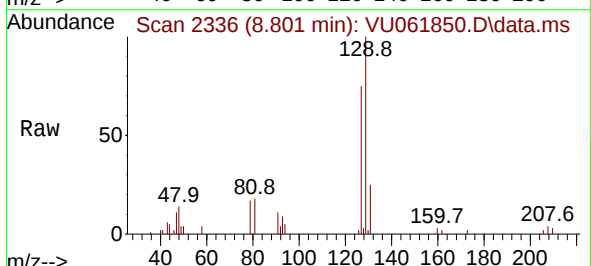
Acq: 19 Nov 2024 12:58

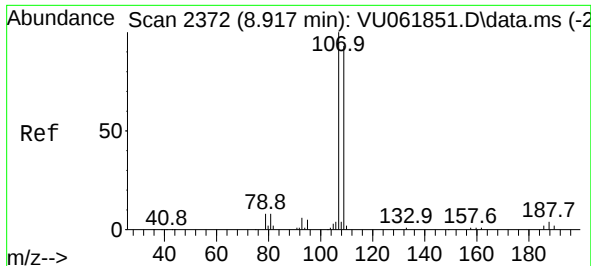
Tgt Ion: 129 Resp: 11814

Ion Ratio Lower Upper

129 100

127 75.3 53.4 99.2

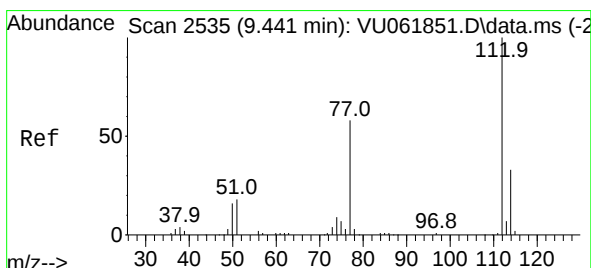
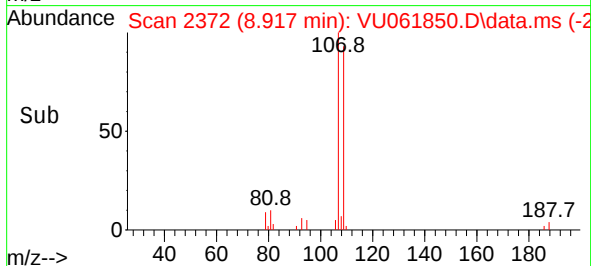
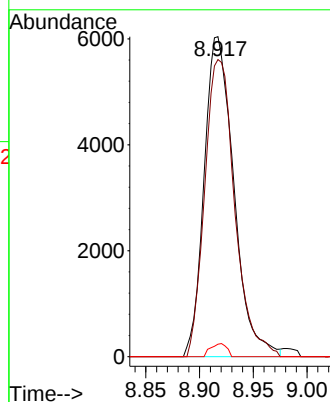
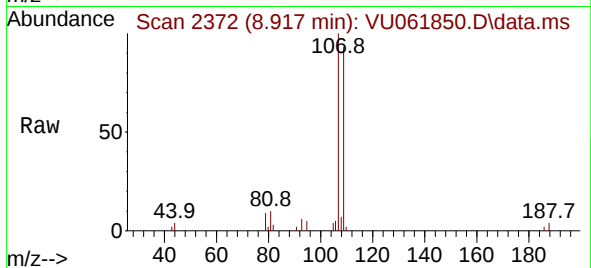




#50
1,2-Dibromoethane
Concen: 0.915 ug/L
RT: 8.917 min Scan# 2372
Delta R.T. 0.000 min
Lab File: VU061850.D
Acq: 19 Nov 2024 12:58

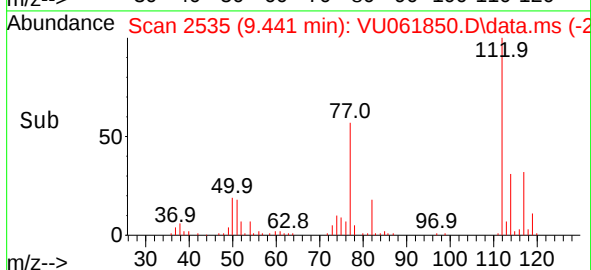
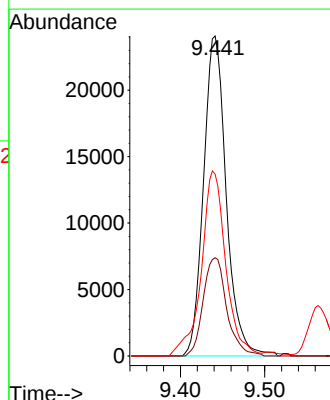
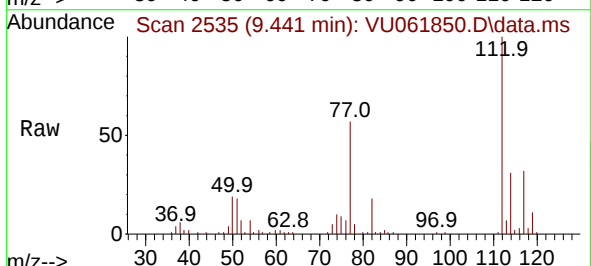
Instrument :
MSVOA_U
ClientSampleId :

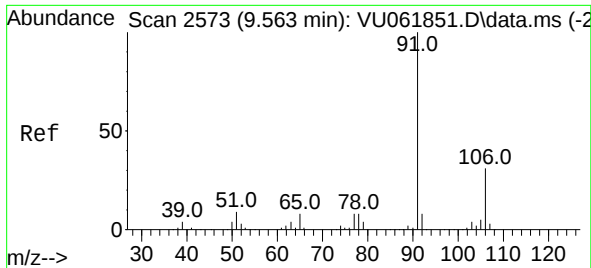
Tgt Ion:107 Resp: 11601
Ion Ratio Lower Upper
107 100
109 92.8 65.2 121.2
188 3.9 3.0 4.4



#51
Chlorobenzene
Concen: 0.907 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. 0.000 min
Lab File: VU061850.D
Acq: 19 Nov 2024 12:58

Tgt Ion:112 Resp: 45173
Ion Ratio Lower Upper
112 100
114 30.7 22.7 42.3
77 56.8 46.7 70.1





#52

Ethylbenzene

Concen: 0.851 ug/L

RT: 9.563 min Scan# 2573

Delta R.T. 0.000 min

Lab File: VU061850.D

Acq: 19 Nov 2024 12:58

Instrument :

MSVOA_U

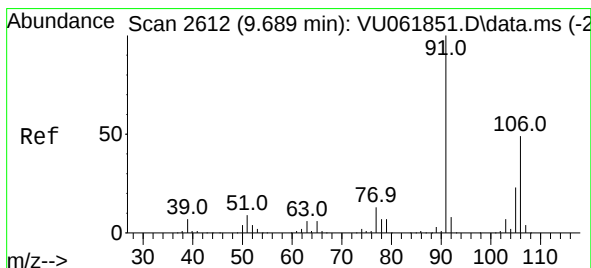
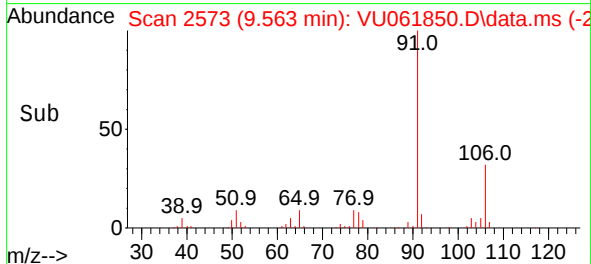
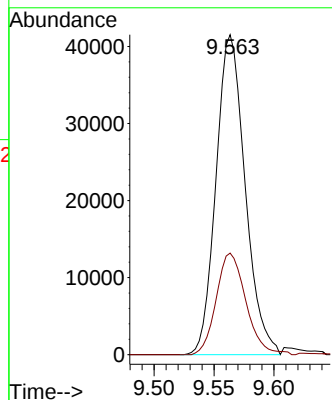
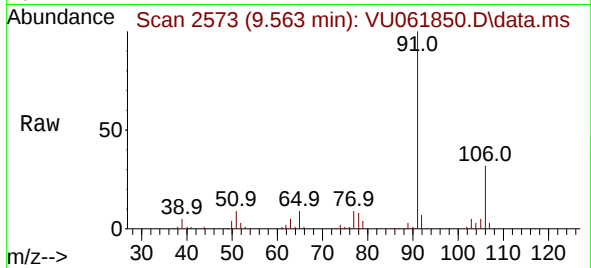
ClientSampleId :

Tgt Ion: 91 Resp: 70042

Ion Ratio Lower Upper

91 100

106 31.8 21.8 40.6



#53

m,p-Xylene

Concen: 0.830 ug/L

RT: 9.686 min Scan# 2611

Delta R.T. -0.003 min

Lab File: VU061850.D

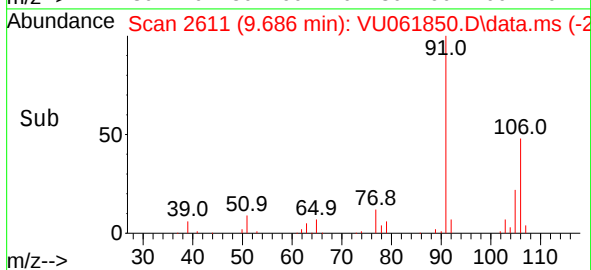
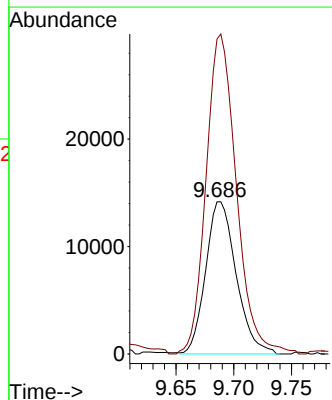
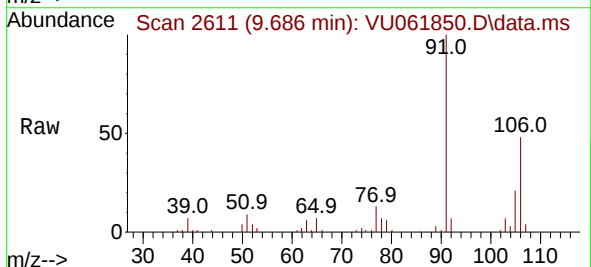
Acq: 19 Nov 2024 12:58

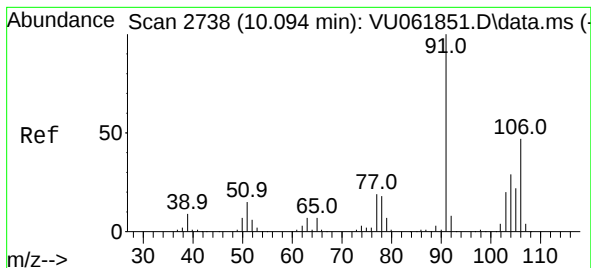
Tgt Ion:106 Resp: 26097

Ion Ratio Lower Upper

106 100

91 207.0 142.0 263.8





#54

o-Xylene

Concen: 1.017 ug/L

RT: 10.094 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU061850.D

Acq: 19 Nov 2024 12:58

Instrument :

MSVOA_U

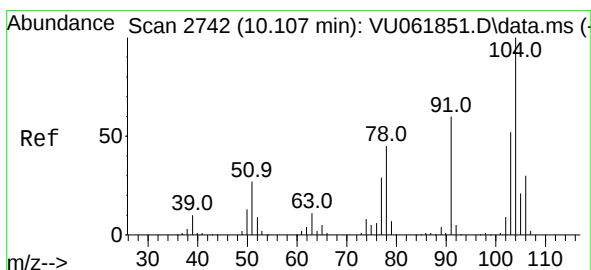
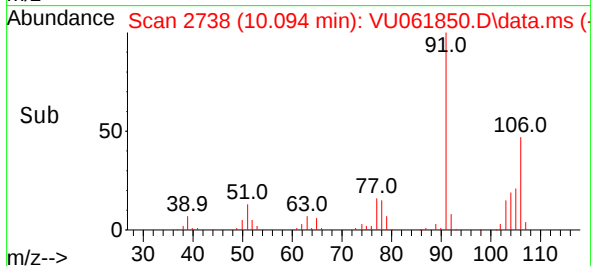
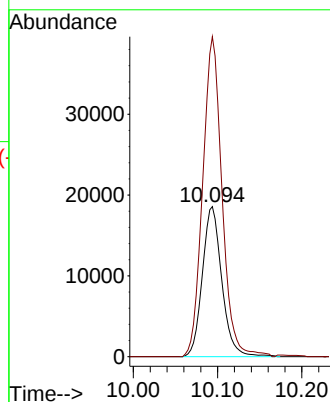
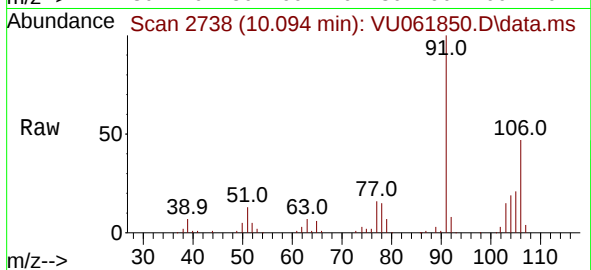
ClientSampleId :

Tgt Ion:106 Resp: 29881

Ion Ratio Lower Upper

106 100

91 213.2 148.2 275.2



#55

Styrene

Concen: 0.962 ug/L

RT: 10.110 min Scan# 2743

Delta R.T. 0.003 min

Lab File: VU061850.D

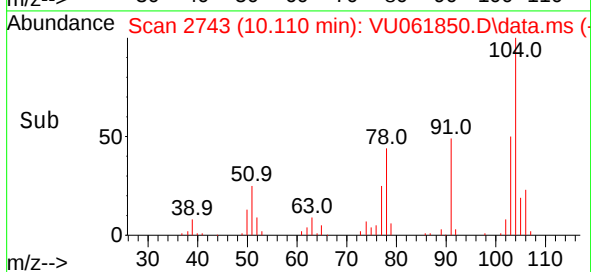
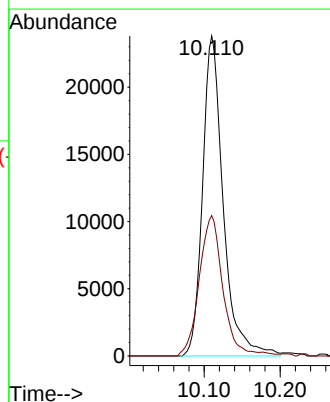
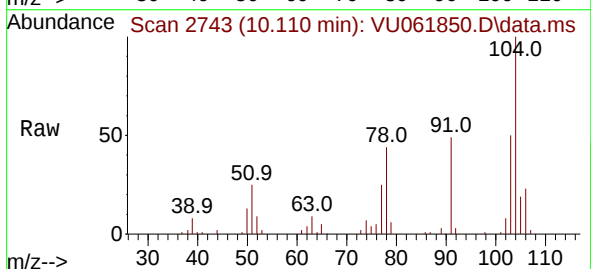
Acq: 19 Nov 2024 12:58

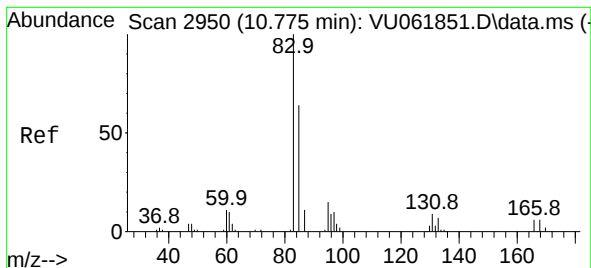
Tgt Ion:104 Resp: 44825

Ion Ratio Lower Upper

104 100

78 43.9 31.6 58.8





#57

1,1,2,2-Tetrachloroethane

Concen: 0.919 ug/L

RT: 10.772 min Scan# 2949

Delta R.T. -0.003 min

Lab File: VU061850.D

Acq: 19 Nov 2024 12:58

Instrument :

MSVOA_U

ClientSampleId :

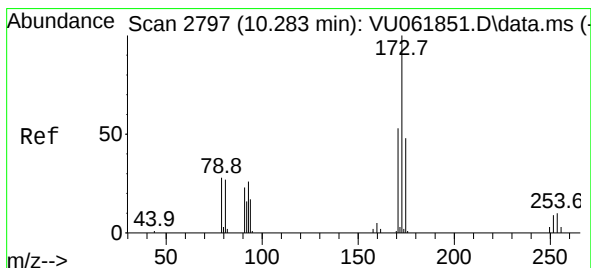
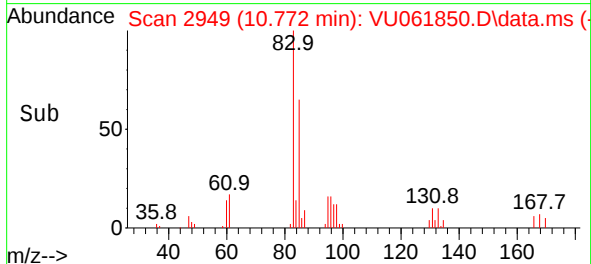
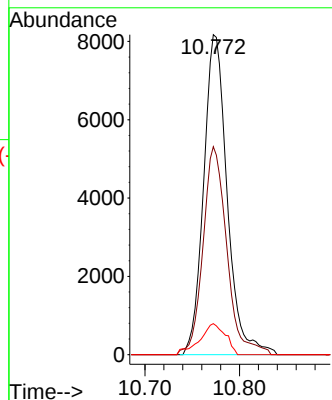
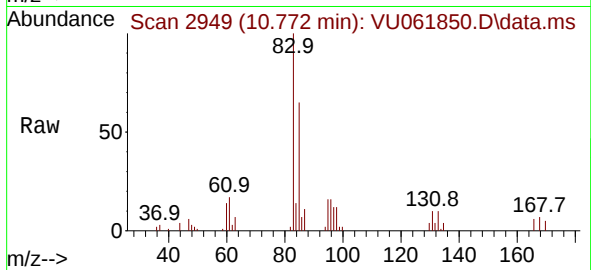
Tgt Ion: 83 Resp: 14146

Ion Ratio Lower Upper

83 100

85 65.0 45.1 83.7

131 9.7 7.7 11.5



#59

Bromoform

Concen: 0.992 ug/L

RT: 10.287 min Scan# 2798

Delta R.T. 0.003 min

Lab File: VU061850.D

Acq: 19 Nov 2024 12:58

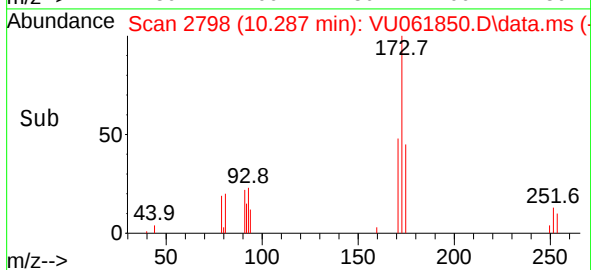
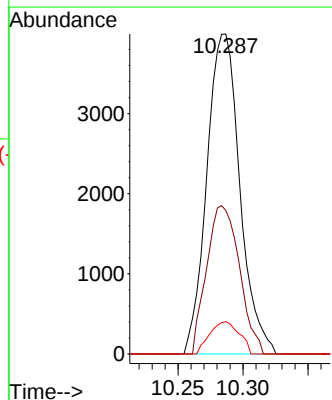
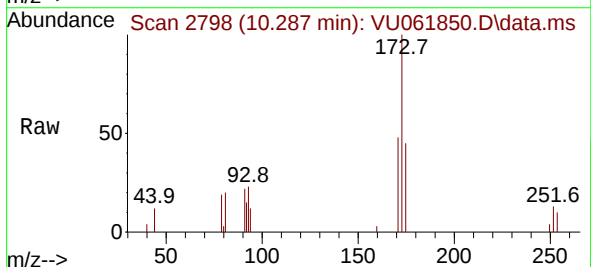
Tgt Ion:173 Resp: 7056

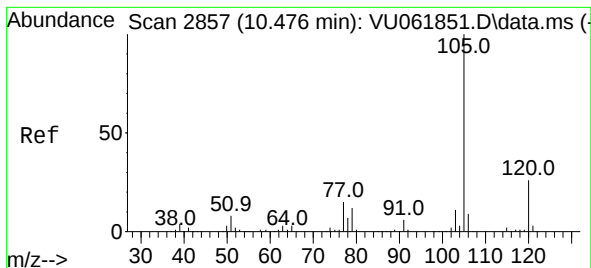
Ion Ratio Lower Upper

173 100

175 45.9 37.0 55.6

254 9.0 7.4 11.0





#60

Isopropylbenzene

Concen: 0.979 ug/L

RT: 10.476 min Scan# 2857

Delta R.T. 0.000 min

Lab File: VU061850.D

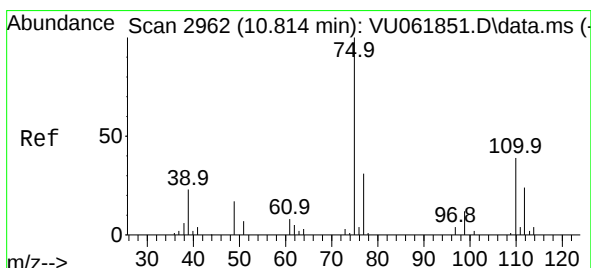
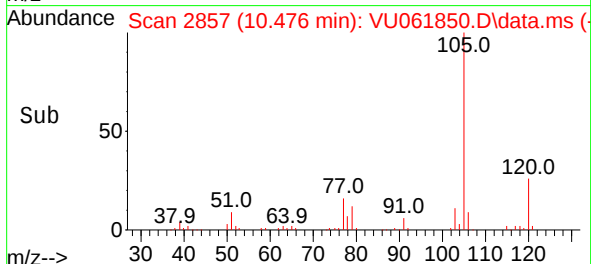
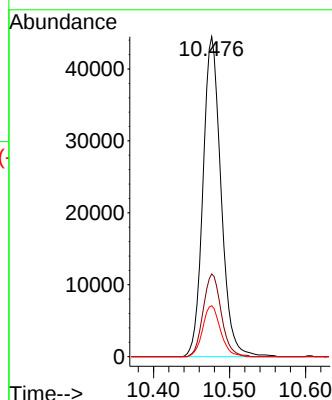
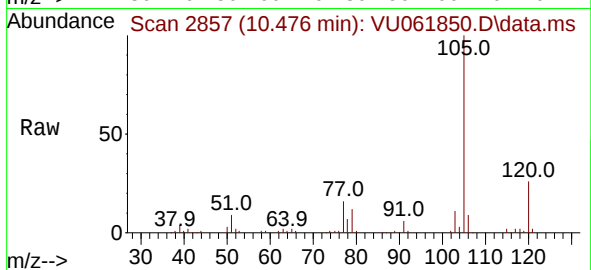
Acq: 19 Nov 2024 12:58

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	105	Resp:	73357
Ion Ratio	Lower	Upper	
105	100		
120	26.0	21.1	31.7
77	15.7	12.3	18.5



#61

1,2,3-Trichloropropane

Concen: 0.949 ug/L

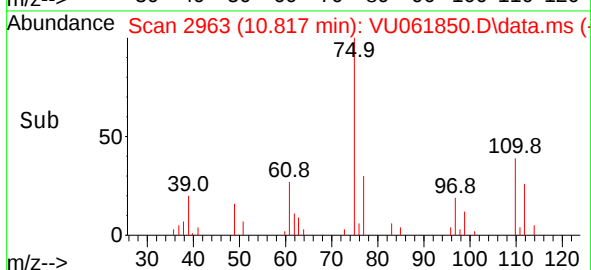
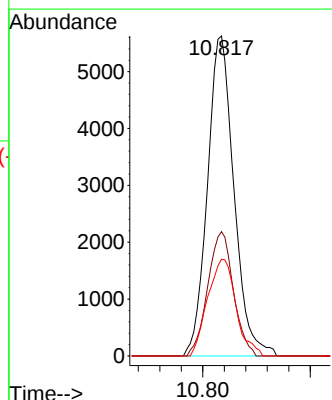
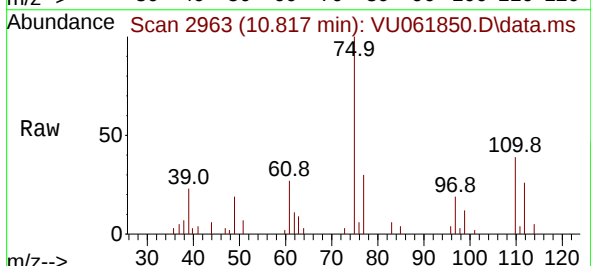
RT: 10.817 min Scan# 2963

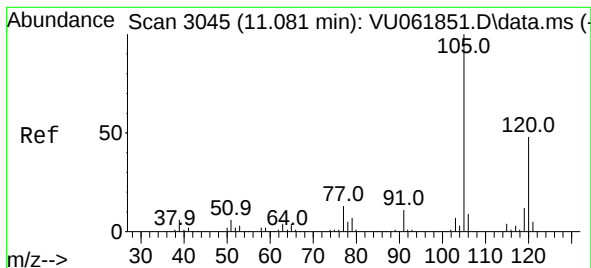
Delta R.T. 0.003 min

Lab File: VU061850.D

Acq: 19 Nov 2024 12:58

Tgt Ion:	75	Resp:	9634
Ion Ratio	Lower	Upper	
75	100		
110	37.4	30.6	46.0
77	32.2	25.3	37.9





#62

1,3,5-Trimethylbenzene

Concen: 0.855 ug/L

RT: 11.078 min Scan# 3044

Delta R.T. -0.003 min

Lab File: VU061850.D

Acq: 19 Nov 2024 12:58

Instrument :

MSVOA_U

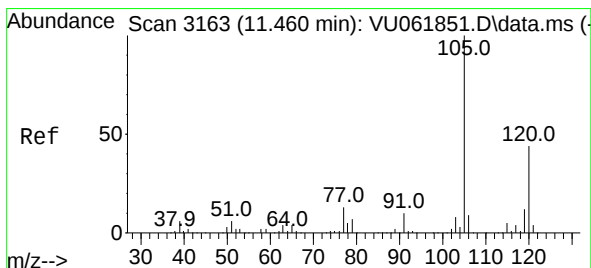
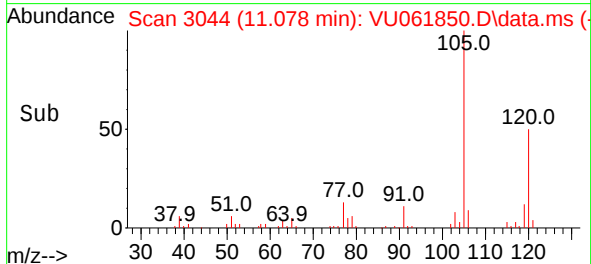
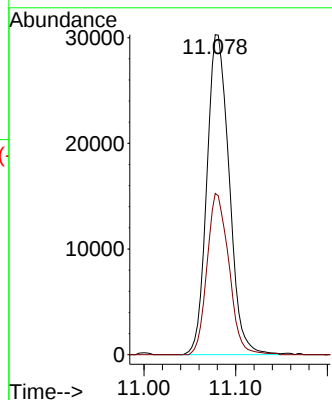
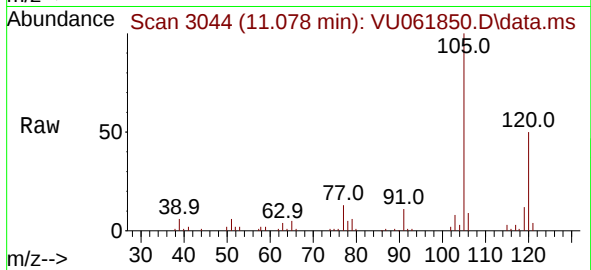
ClientSampleId :

Tgt Ion:105 Resp: 51178

Ion Ratio Lower Upper

105 100

120 49.3 38.6 58.0



#63

1,2,4-Trimethylbenzene

Concen: 0.820 ug/L

RT: 11.460 min Scan# 3163

Delta R.T. 0.000 min

Lab File: VU061850.D

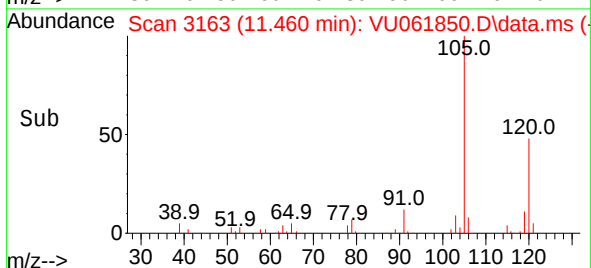
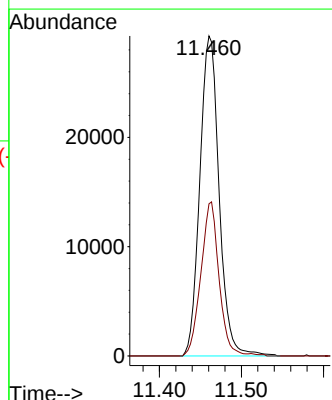
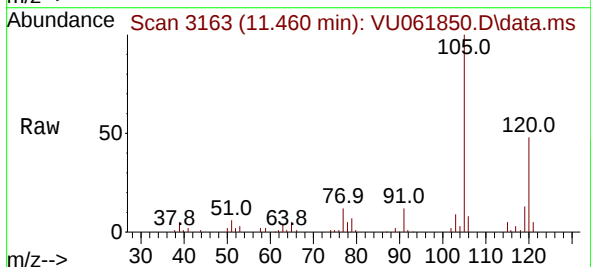
Acq: 19 Nov 2024 12:58

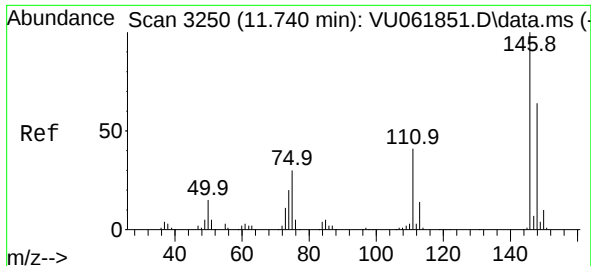
Tgt Ion:105 Resp: 47799

Ion Ratio Lower Upper

105 100

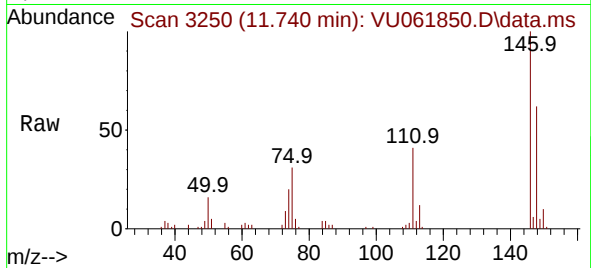
120 45.1 35.7 53.5



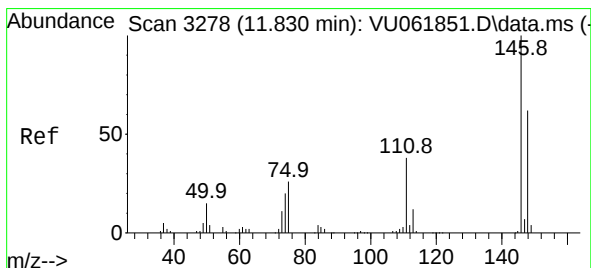
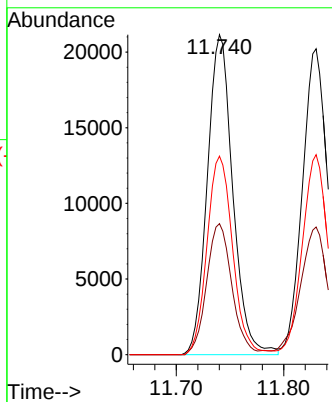
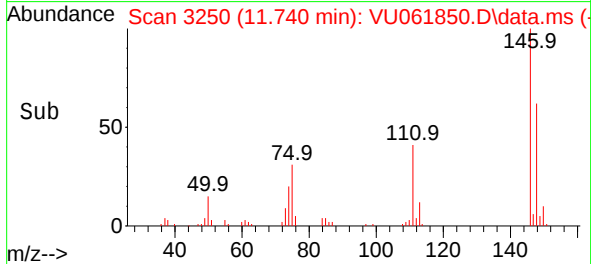


#64
1,3-Dichlorobenzene
Concen: 1.011 ug/L
RT: 11.740 min Scan# 3250
Delta R.T. 0.000 min
Lab File: VU061850.D
Acq: 19 Nov 2024 12:58

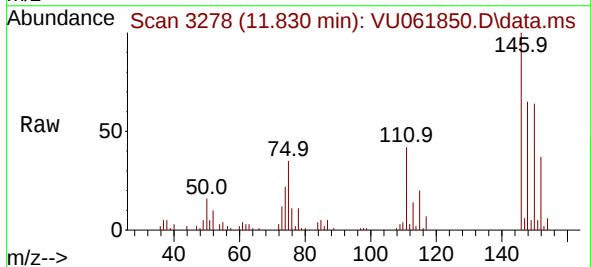
Instrument :
MSVOA_U
ClientSampleId :



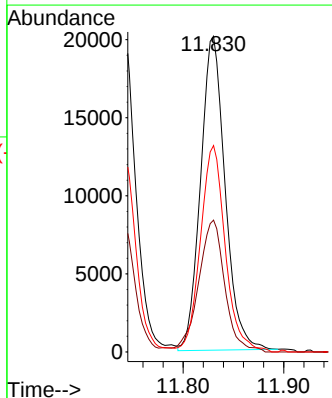
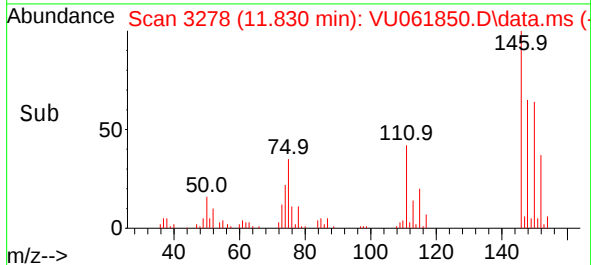
Tgt Ion:146 Resp: 34850
Ion Ratio Lower Upper
146 100
111 40.9 28.6 53.2
148 62.0 44.8 83.2

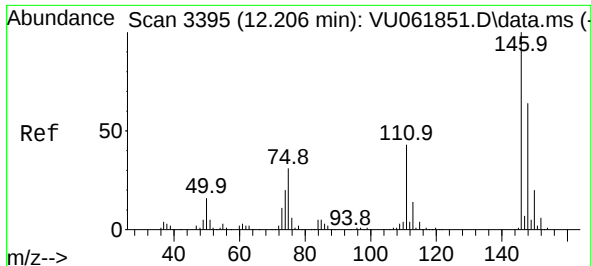


#65
1,4-Dichlorobenzene
Concen: 0.973 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. 0.000 min
Lab File: VU061850.D
Acq: 19 Nov 2024 12:58



Tgt Ion:146 Resp: 34023
Ion Ratio Lower Upper
146 100
111 41.7 27.0 50.2
148 65.4 43.8 81.3





#67

1,2-Dichlorobenzene

Concen: 0.904 ug/L

RT: 12.203 min Scan# 341

Delta R.T. -0.003 min MSVOA_U

Lab File: VU061850.D

Acq: 19 Nov 2024 12:58

Instrument :

MSVOA_U

ClientSampleId :

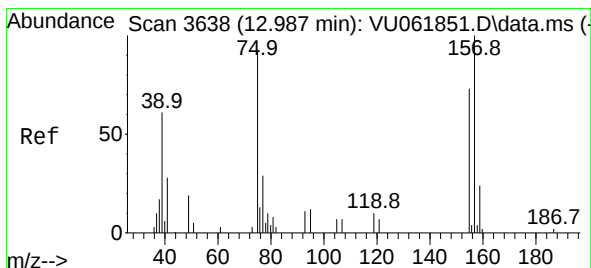
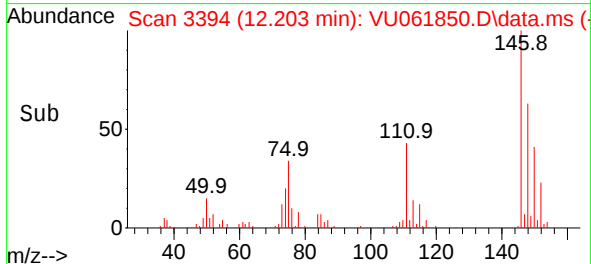
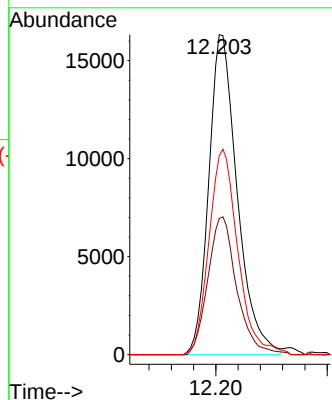
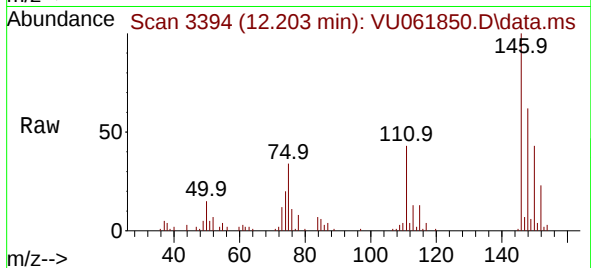
Tgt Ion:146 Resp: 28992

Ion Ratio Lower Upper

146 100

111 42.5 34.3 51.5

148 62.1 51.2 76.8



#68

1,2-Dibromo-3-chloropropane

Concen: 0.583 ug/L

RT: 12.997 min Scan# 3641

Delta R.T. 0.010 min

Lab File: VU061850.D

Acq: 19 Nov 2024 12:58

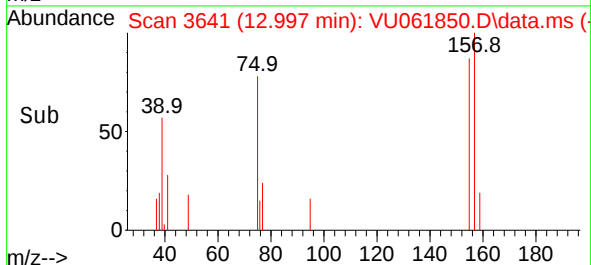
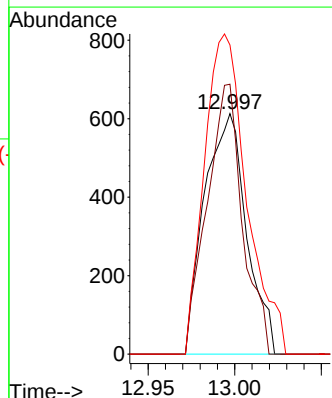
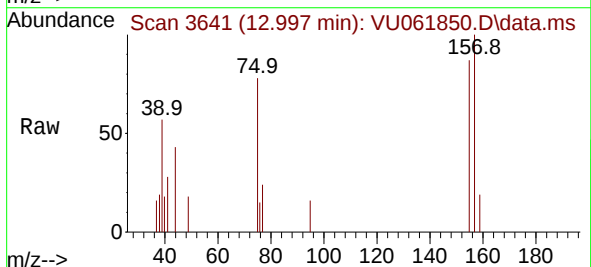
Tgt Ion: 75 Resp: 1036

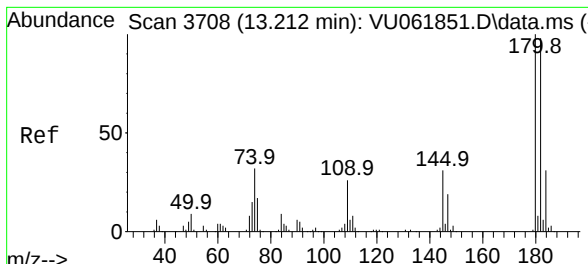
Ion Ratio Lower Upper

75 100

155 112.2 62.9 94.3#

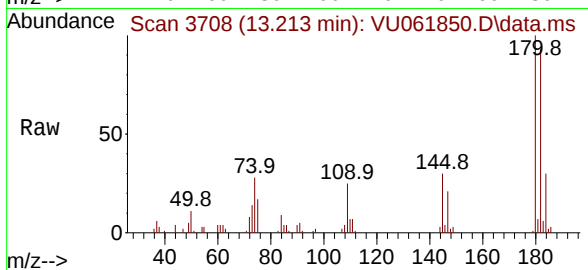
157 128.5 86.7 130.1





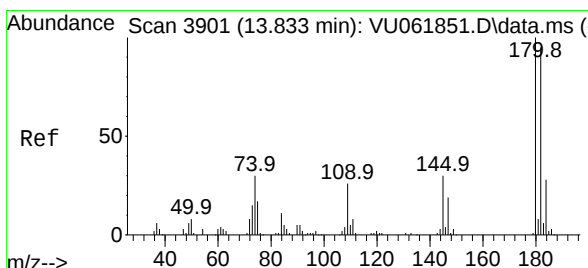
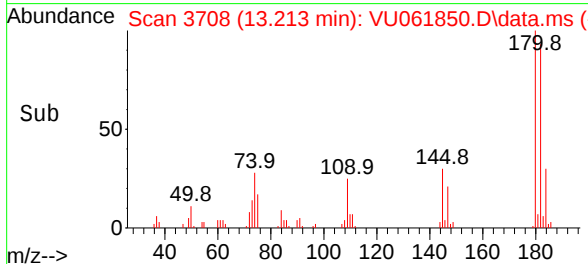
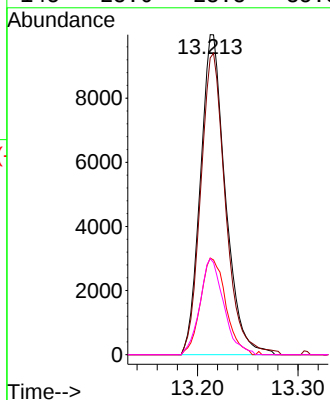
#69
 1,3,5-Trichlorobenzene
 Concen: 0.714 ug/L
 RT: 13.213 min Scan# 3708
 Delta R.T. 0.000 min
 Lab File: VU061850.D
 Acq: 19 Nov 2024 12:58

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:180 Resp: 17220

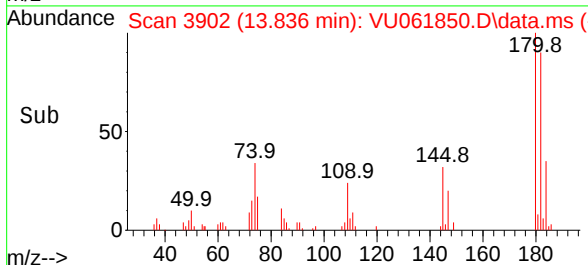
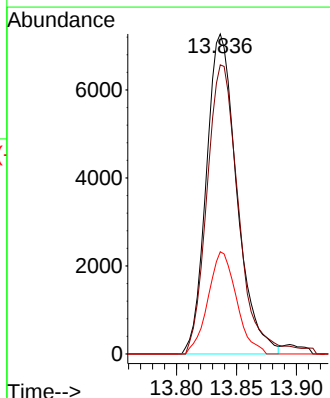
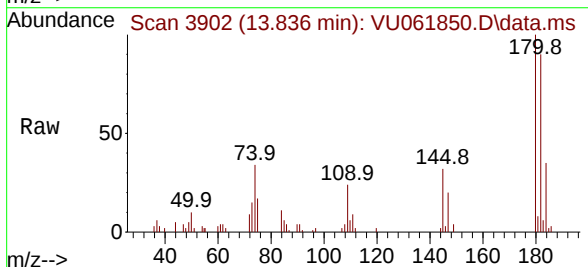
Ion	Ratio	Lower	Upper
180	100		
182	93.4	77.0	115.6
184	30.4	24.2	36.4
145	28.6	23.8	35.8

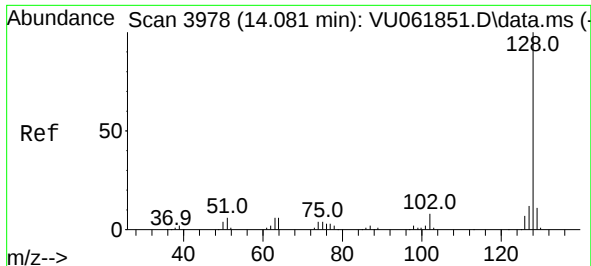


#70
 1,2,4-trichlorobenzene
 Concen: 0.686 ug/L
 RT: 13.836 min Scan# 3902
 Delta R.T. 0.003 min
 Lab File: VU061850.D
 Acq: 19 Nov 2024 12:58

Tgt Ion:180 Resp: 12860

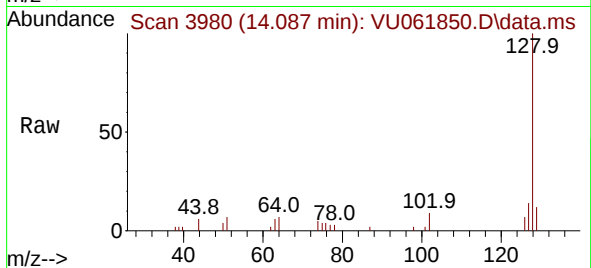
Ion	Ratio	Lower	Upper
180	100		
182	94.1	76.2	114.2
145	29.8	24.1	36.1



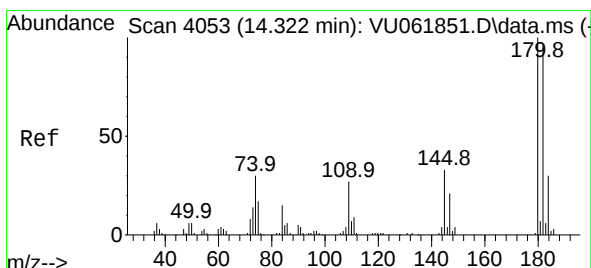
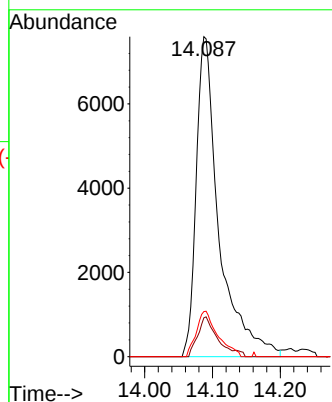
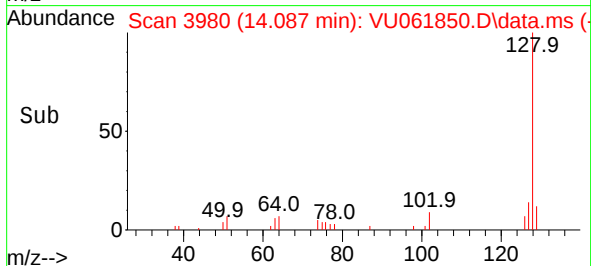


#71
Naphthalene
Concen: 0.656 ug/L
RT: 14.087 min Scan# 3978
Delta R.T. 0.007 min
Lab File: VU061850.D
Acq: 19 Nov 2024 12:58

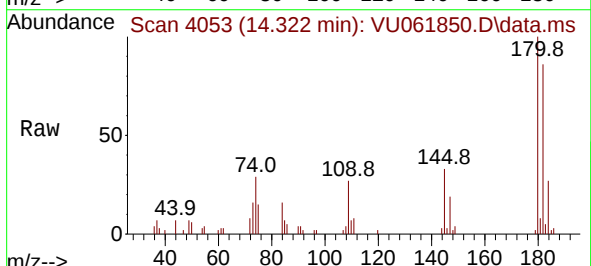
Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 17710
Ion Ratio Lower Upper
128 100
129 10.9 8.6 12.8
127 13.3 9.8 14.8



#72
1,2,3-Trichlorobenzene
Concen: 0.729 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. 0.000 min
Lab File: VU061850.D
Acq: 19 Nov 2024 12:58



Tgt Ion:180 Resp: 11459
Ion Ratio Lower Upper
180 100
182 89.9 76.6 115.0
145 31.0 26.0 39.0

