

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051424\
 Data File : VU058887.D
 Acq On : 14 May 2024 15:19
 Operator : MD/SY
 Sample : P2409-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 15 01:08:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed May 15 00:49:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	158743	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	160019	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	73144	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	44495	4.627	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.600%
7) Chloroethane-d5	1.911	69	42503	4.890	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.800%
11) 1,1-Dichloroethene-d2	2.563	65	17797	4.542	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.800%
20) 2-Butanone-d5	4.631	46	125841	50.336	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.680%
24) Chloroform-d	5.055	84	96359	4.962	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.200%
26) 1,2-Dichloroethane-d4	5.695	65	51900	5.201	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.000%
32) Benzene-d6	5.721	84	181762	4.948	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.000%
36) 1,2-Dichloropropane-d6	6.682	67	63191	5.163	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.200%
41) Toluene-d8	7.891	98	152402	4.559	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.200%
43) trans-1,3-Dichloroprop...	8.177	79	20867	4.968	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.400%
46) 2-Hexanone-d5	8.627	63	102906	51.055	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.120%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	52582	4.975	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	58859	5.351	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	2524	0.217	ug/L	93
3) Chloromethane	1.515	50	3287	0.243	ug/L	98
5) Vinyl chloride	1.602	62	3249	0.224	ug/L #	67
6) Bromomethane	1.856	94	1773	0.196	ug/L	77
8) Chloroethane	1.930	64	2384	0.259	ug/L	94
9) Trichlorofluoromethane	2.136	101	3868	0.208	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	2932	0.260	ug/L #	82
12) 1,1-Dichloroethene	2.576	96	2692	0.272	ug/L #	1
14) Carbon disulfide	2.789	76	7247	0.231	ug/L	98
16) Methylene chloride	3.039	84	10412	0.776	ug/L	99
18) trans-1,2-Dichloroethene	3.358	96	2084	0.200	ug/L	98
19) 1,1-Dichloroethane	3.862	63	4721	0.217	ug/L	90
22) cis-1,2-Dichloroethene	4.663	96	2886	0.241	ug/L	96
23) Bromochloromethane	4.978	128	1139	0.215	ug/L #	70
25) Chloroform	5.084	83	5708	0.251	ug/L	98
27) 1,2-Dichloroethane	5.798	62	3210	0.231	ug/L	98
30) Cyclohexane	5.383	56	3536	0.209	ug/L #	91
31) Carbon tetrachloride	5.515	117	2947	0.197	ug/L	84
33) Benzene	5.772	78	10401	0.221	ug/L	100

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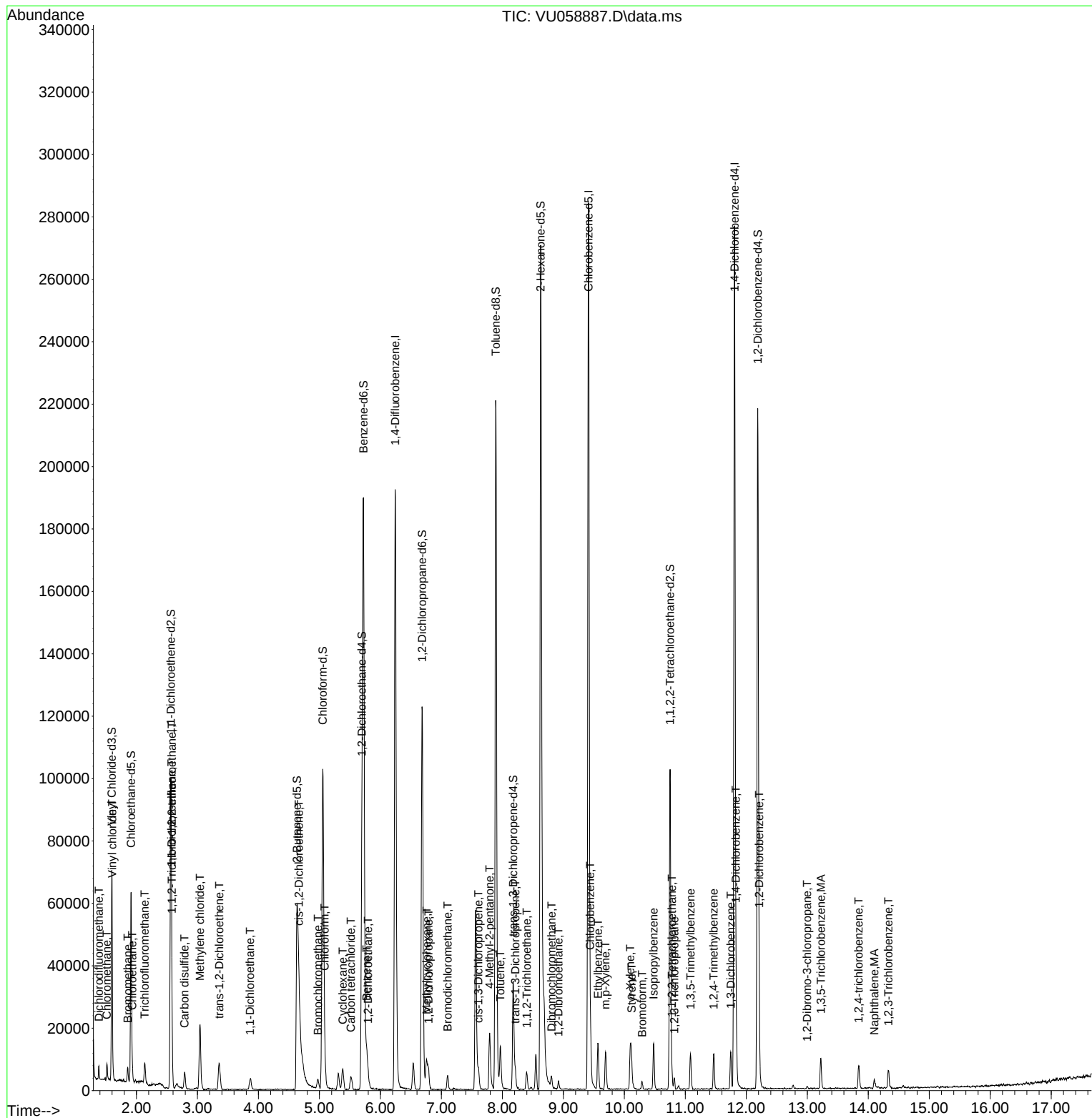
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) Methylcyclohexane	6.756	83	3586	0.202	ug/L	97
37) 1,2-Dichloropropane	6.788	63	2834	0.212	ug/L #	90
38) Bromodichloromethane	7.103	83	3271	0.204	ug/L #	98
39) cis-1,3-Dichloropropene	7.608	75	4069	0.224	ug/L	95
40) 4-Methyl-2-pentanone	7.792	43	13536	1.961	ug/L #	88
42) Toluene	7.965	91	10387	0.212	ug/L	99
44) trans-1,3-Dichloropropene	8.213	75	3372	0.227	ug/L	99
45) 1,1,2-Trichloroethane	8.399	97	1869	0.199	ug/L #	84
49) Dibromochloromethane	8.804	129	2124	0.214	ug/L	86
50) 1,2-Dibromoethane	8.920	107	1750	0.211	ug/L #	92
51) Chlorobenzene	9.441	112	7202	0.230	ug/L	96
52) Ethylbenzene	9.566	91	10682	0.202	ug/L	86
53) m,p-Xylene	9.689	106	3728	0.192	ug/L	95
54) o-Xylene	10.097	106	3182	0.168	ug/L	71
55) Styrene	10.119	104	5298	0.166	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.779	83	2684	0.225	ug/L #	99
59) Bromoform	10.290	173	1005	0.188	ug/L #	88
60) Isopropylbenzene	10.480	105	9495	0.203	ug/L	98
61) 1,2,3-Trichloropropane	10.817	75	1814	0.241	ug/L #	93
62) 1,3,5-Trimethylbenzene	11.084	105	6767	0.181	ug/L	98
63) 1,2,4-Trimethylbenzene	11.463	105	6902	0.187	ug/L	96
64) 1,3-Dichlorobenzene	11.746	146	5459	0.240	ug/L	97
65) 1,4-Dichlorobenzene	11.830	146	5903	0.260	ug/L	95
67) 1,2-Dichlorobenzene	12.209	146	5046	0.237	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.994	75	240	0.158	ug/L #	81
69) 1,3,5-Trichlorobenzene	13.222	180	3838	0.225	ug/L	95
70) 1,2,4-trichlorobenzene	13.839	180	3237	0.230	ug/L	98
71) Naphthalene	14.097	128	3702	0.174	ug/L #	94
72) 1,2,3-Trichlorobenzene	14.328	180	2903	0.235	ug/L #	81

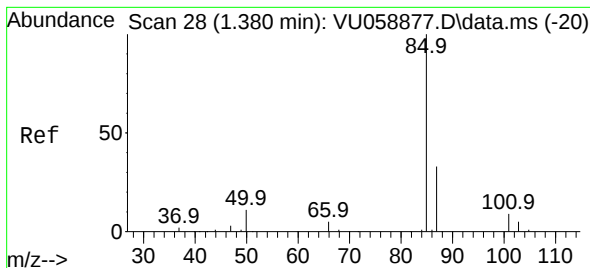
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#2

Dichlorodifluoromethane

Concen: 0.217 ug/L

RT: 1.383 min Scan# 20

Delta R.T. 0.003 min

Lab File: VU058887.D

Acq: 14 May 2024 15:19

Instrument :

MSVOA_U

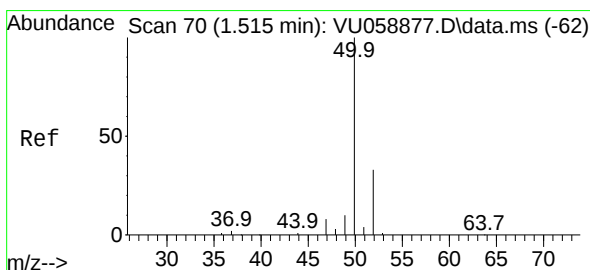
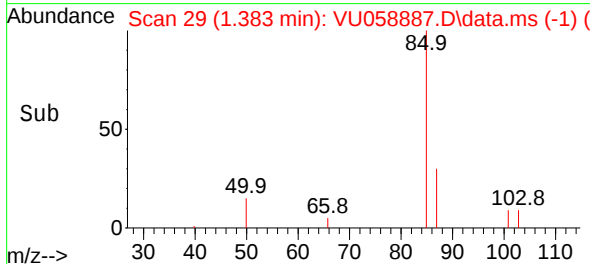
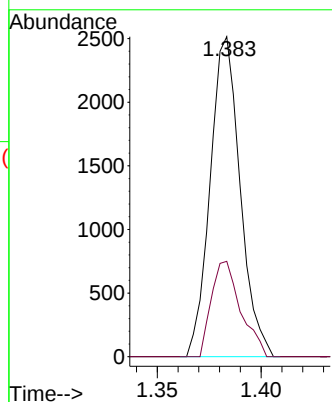
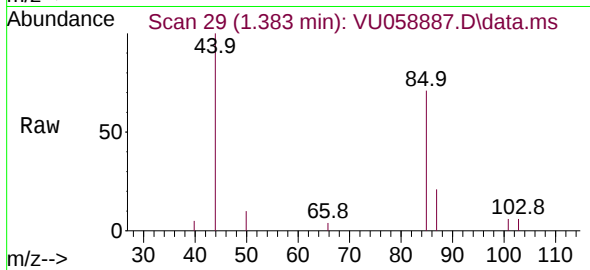
ClientSampleId :

Tgt Ion: 85 Resp: 2524

Ion Ratio Lower Upper

85 100

87 29.1 26.6 40.0



#3

Chloromethane

Concen: 0.243 ug/L

RT: 1.515 min Scan# 70

Delta R.T. 0.000 min

Lab File: VU058887.D

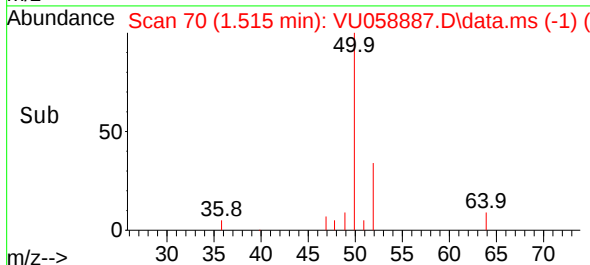
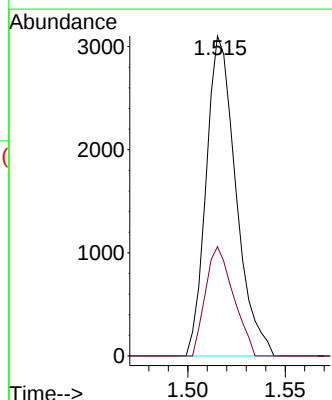
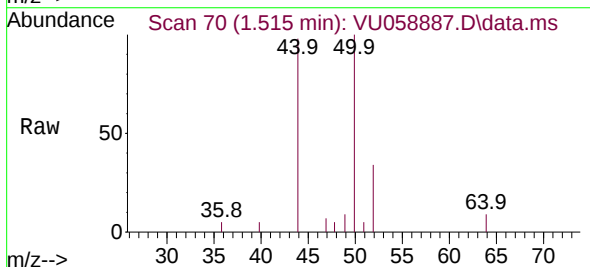
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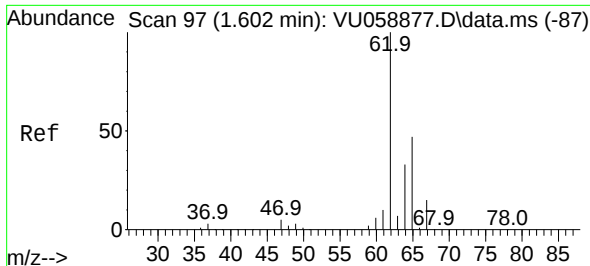
Tgt Ion: 50 Resp: 3287

Ion Ratio Lower Upper

50 100

52 34.2 23.2 43.0

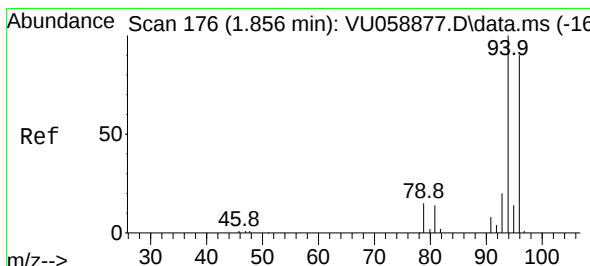
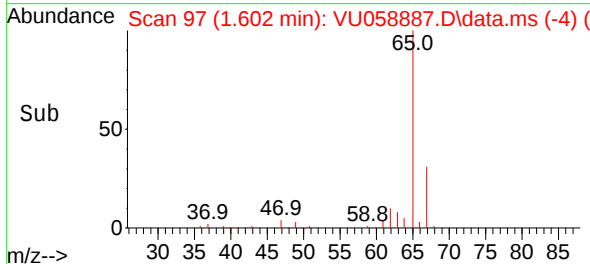
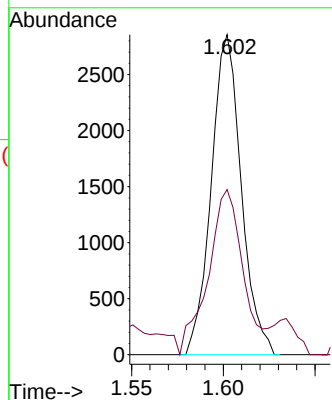
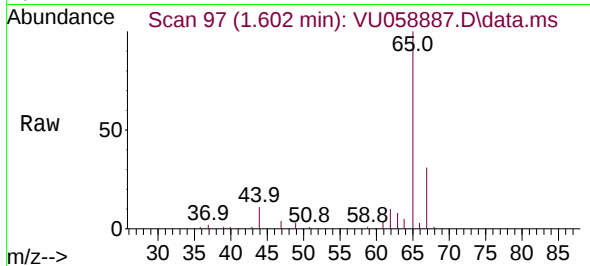




#5
 Vinyl chloride
 Concen: 0.224 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VU058887.D
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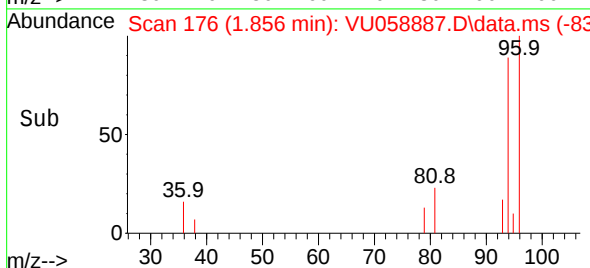
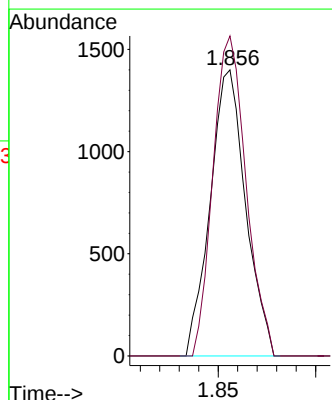
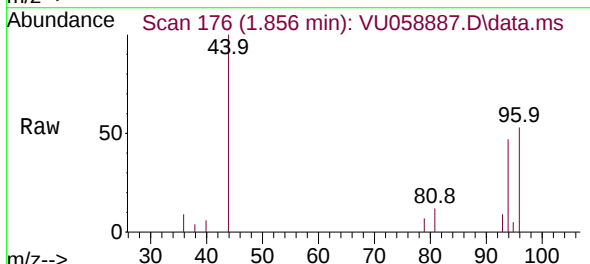
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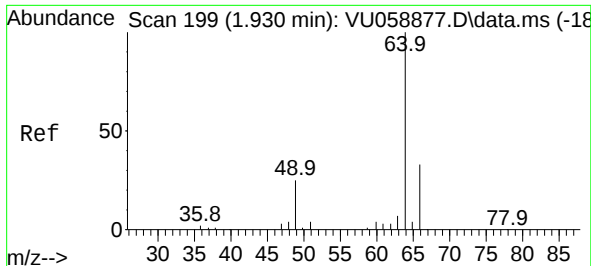
Tgt Ion: 62 Resp: 3249
 Ion Ratio Lower Upper
 62 100
 64 51.6 23.1 42.9#



#6
 Bromomethane
 Concen: 0.196 ug/L
 RT: 1.856 min Scan# 176
 Delta R.T. 0.000 min
 Lab File: VU058887.D
 Acq: 14 May 2024 15:19

Tgt Ion: 94 Resp: 1773
 Ion Ratio Lower Upper
 94 100
 96 111.9 62.9 116.9

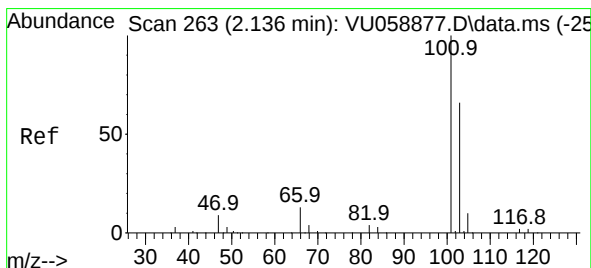
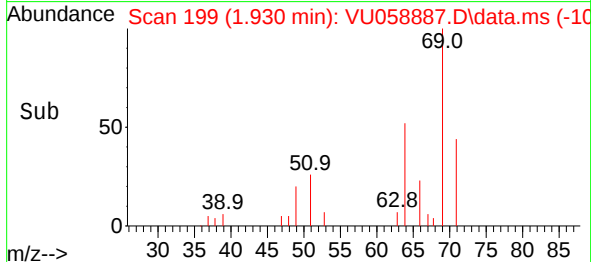
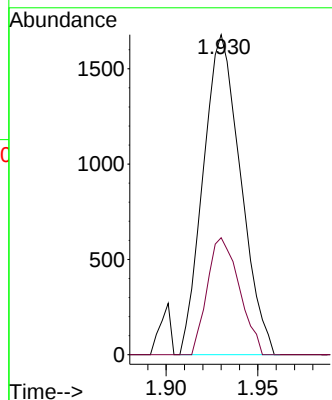
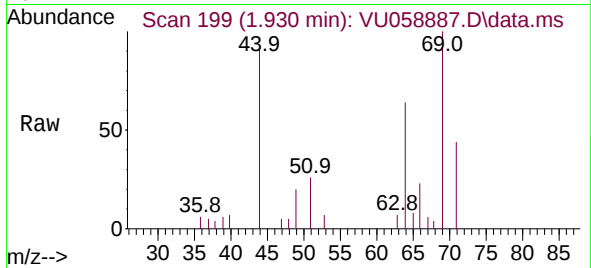




#8
Chloroethane
Concen: 0.259 ug/L
RT: 1.930 min Scan# 199
Delta R.T. 0.000 min
Lab File: VU058887.D
Acq: 14 May 2024 15:19

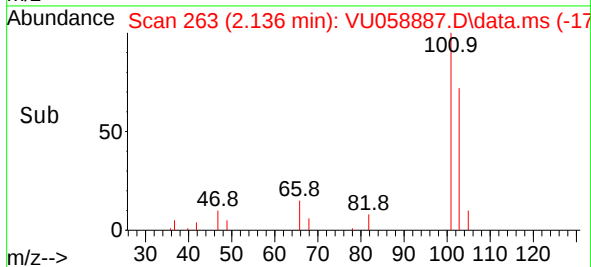
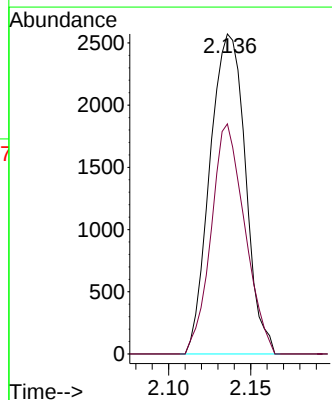
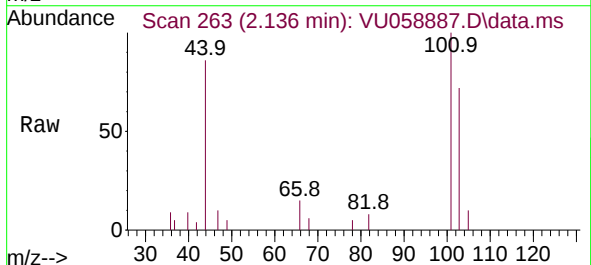
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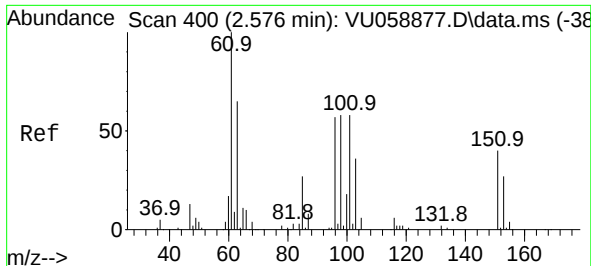
Tgt Ion: 64 Resp: 2384
Ion Ratio Lower Upper
64 100
66 36.6 23.2 43.2



#9
Trichlorofluoromethane
Concen: 0.208 ug/L
RT: 2.136 min Scan# 263
Delta R.T. 0.000 min
Lab File: VU058887.D
Acq: 14 May 2024 15:19

Tgt Ion:101 Resp: 3868
Ion Ratio Lower Upper
101 100
103 68.1 52.6 79.0

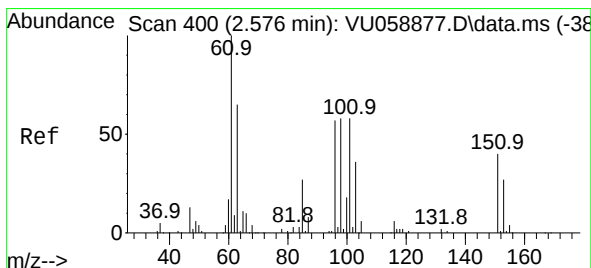
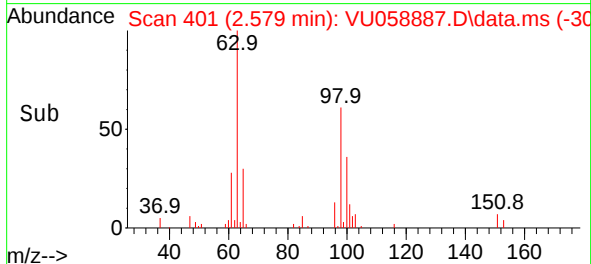
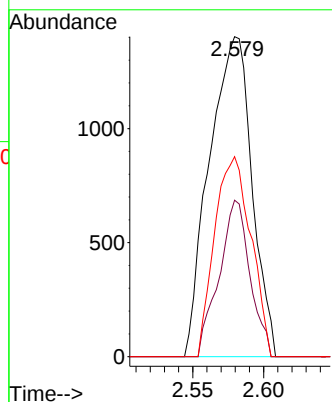
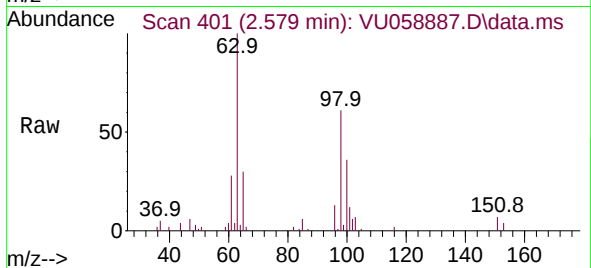




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.260 ug/L
 RT: 2.579 min Scan# 401
 Delta R.T. 0.003 min
 Lab File: VU058887.D
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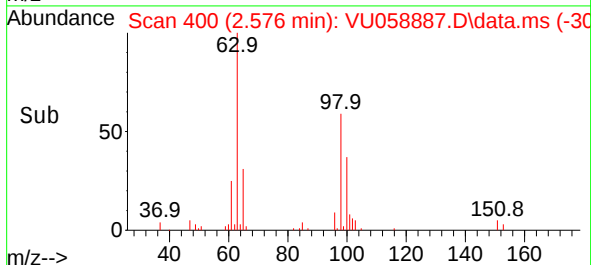
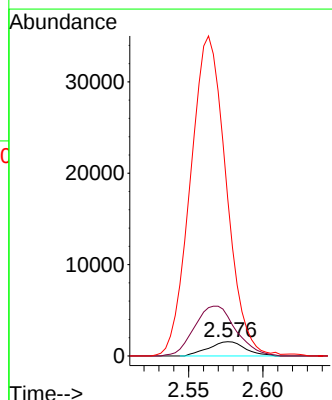
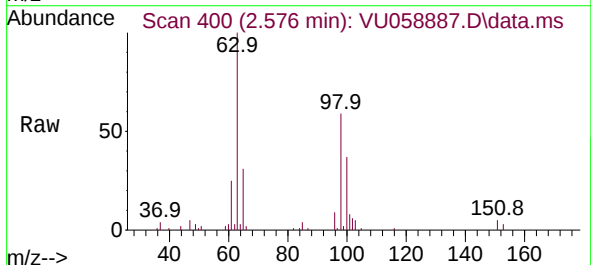
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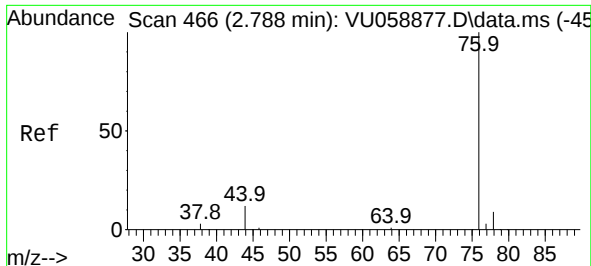
Tgt Ion:101 Resp: 2932
 Ion Ratio Lower Upper
 101 100
 85 35.5 36.2 54.4#
 151 53.2 55.5 83.3#



#12
 1,1-Dichloroethene
 Concen: 0.272 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. 0.000 min
 Lab File: VU058887.D
 Acq: 14 May 2024 15:19

Tgt Ion: 96 Resp: 2692
 Ion Ratio Lower Upper
 96 100
 61 247.6 122.9 228.3#
 63 986.4 80.4 149.4#





#14

Carbon disulfide

Concen: 0.231 ug/L

RT: 2.789 min Scan# 4

Delta R.T. 0.000 min

Lab File: VU058887.D

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Instrument :

MSVOA_U

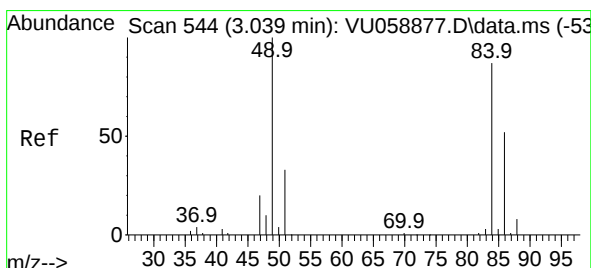
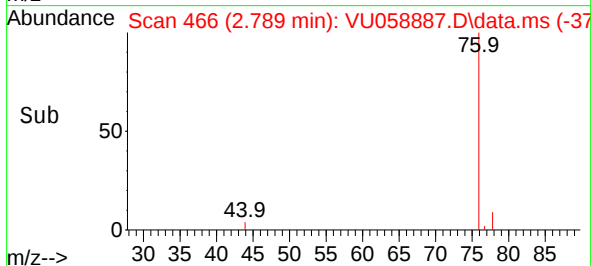
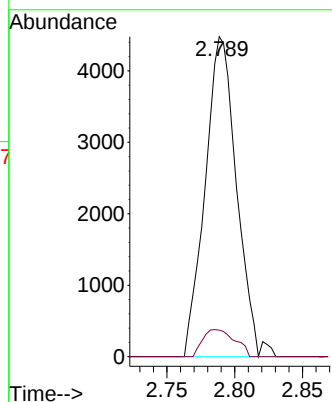
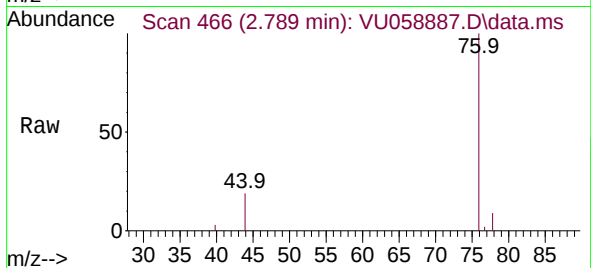
ClientSampleId :

Tgt Ion: 76 Resp: 7247

Ion Ratio Lower Upper

76 100

78 8.3 7.3 10.9



#16

Methylene chloride

Concen: 0.776 ug/L

RT: 3.039 min Scan# 544

Delta R.T. 0.000 min

Lab File: VU058887.D

Acq: 14 May 2024 15:19

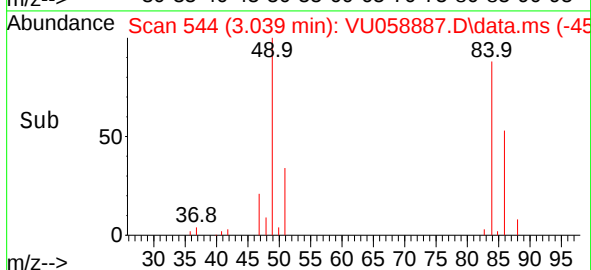
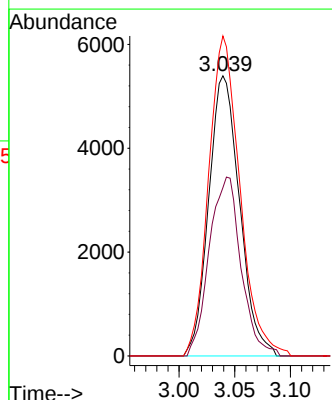
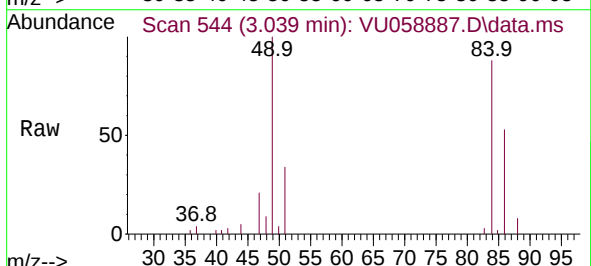
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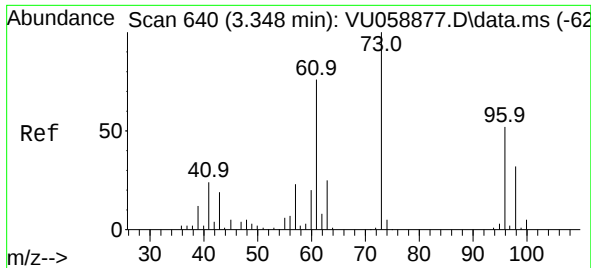
Ion Ratio Lower Upper

84 100

86 60.1 42.1 78.1

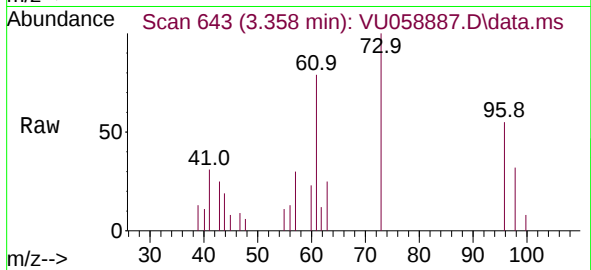
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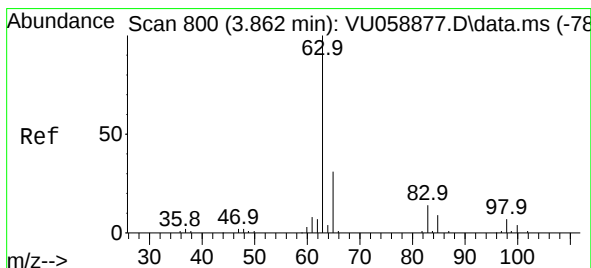
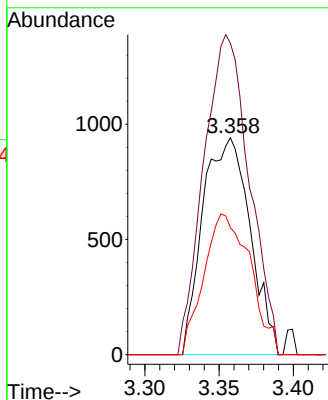
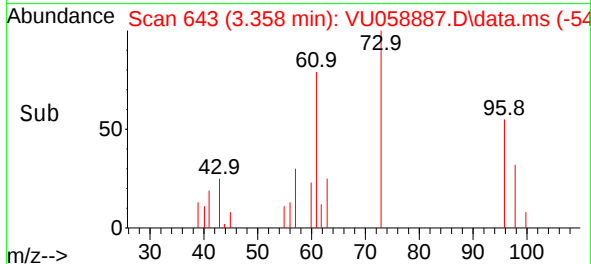
#18
trans-1,2-Dichloroethene
Concen: 0.200 ug/L
RT: 3.358 min Scan# 640
Delta R.T. 0.010 min
Lab File: VU058887.D
Acq: 14 May 2024 15:19

Instrument :
MSVOA_U
ClientSampleId :

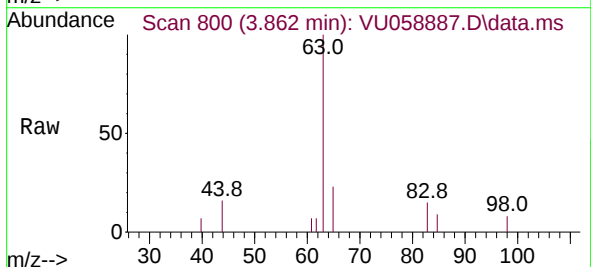


Tgt Ion: 96 Resp: 2084

Ion	Ratio	Lower	Upper
96	100		
61	143.5	101.8	189.0
98	58.6	43.3	80.5

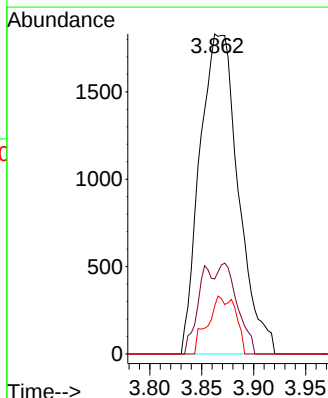
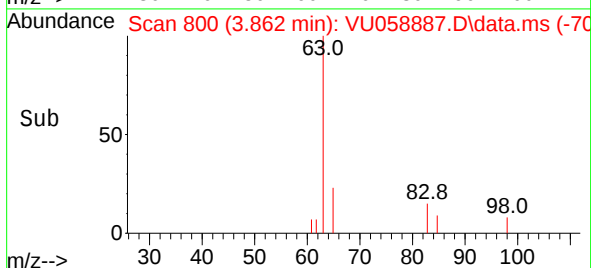


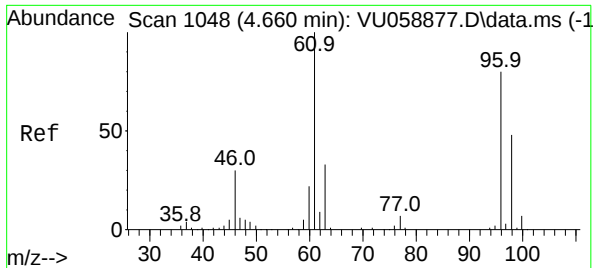
#19
1,1-Dichloroethane
Concen: 0.217 ug/L
RT: 3.862 min Scan# 800
Delta R.T. 0.000 min
Lab File: VU058887.D
Acq: 14 May 2024 15:19



Tgt Ion: 63 Resp: 4721

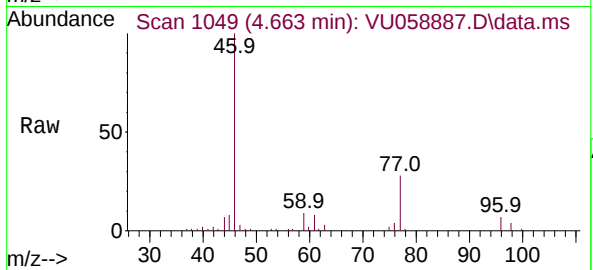
Ion	Ratio	Lower	Upper
63	100		
65	23.4	21.8	40.6
83	15.0	9.9	18.5



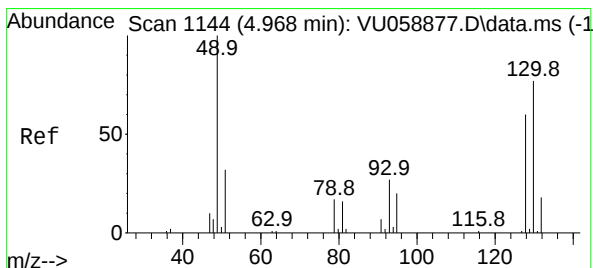
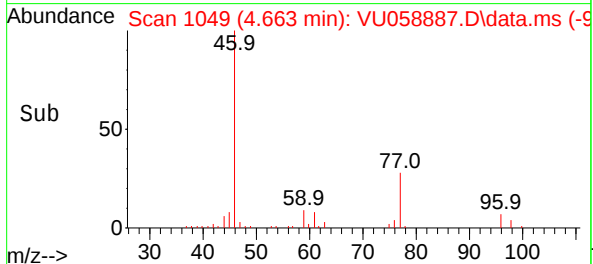
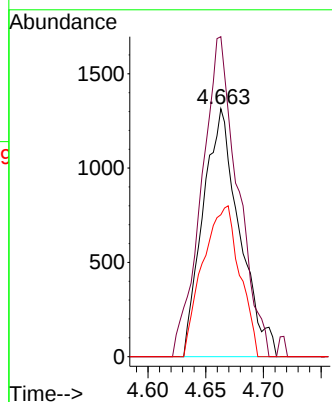


#22
 cis-1,2-Dichloroethene
 Concen: 0.241 ug/L
 RT: 4.663 min Scan# 1147
 Delta R.T. 0.003 min
 Lab File: VU058887.D
 Acq: 14 May 2024 15:19

Instrument :
 MSVOA_U
 ClientSampleId :

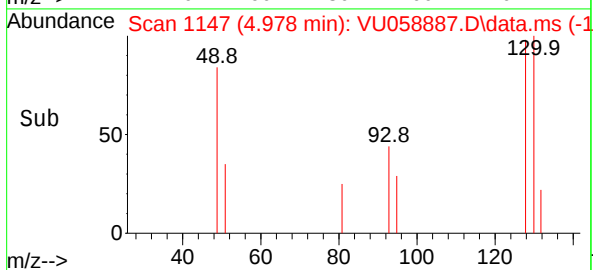
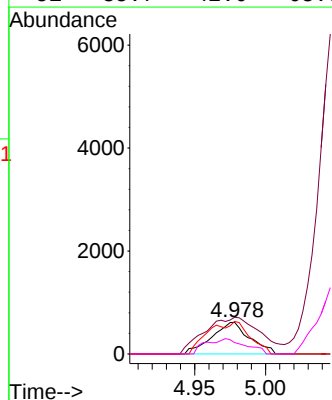
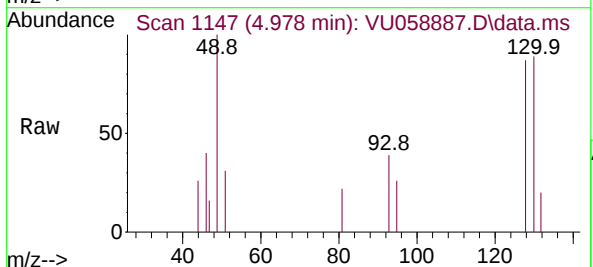


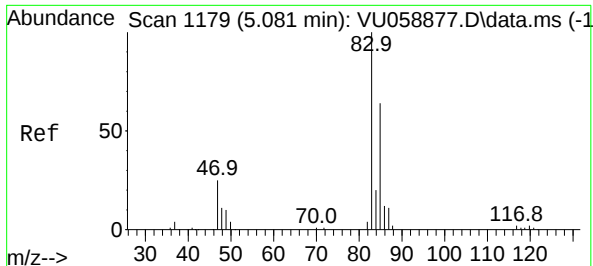
Tgt Ion: 96 Resp: 2886
 Ion Ratio Lower Upper
 96 100
 61 129.0 87.4 162.2
 98 57.3 42.3 78.5



#23
 Bromochloromethane
 Concen: 0.215 ug/L
 RT: 4.978 min Scan# 1147
 Delta R.T. 0.010 min
 Lab File: VU058887.D
 Acq: 14 May 2024 15:19

Tgt Ion:128 Resp: 1139
 Ion Ratio Lower Upper
 128 100
 49 115.4 117.0 217.4#
 130 102.4 89.6 166.4
 51 35.7 42.0 63.0#





#25

Chloroform

Concen: 0.251 ug/L

RT: 5.084 min Scan# 1179

Delta R.T. 0.003 min

Lab File: VU058887.D

Acq: 14 May 2024 15:19

Instrument :

MSVOA_U

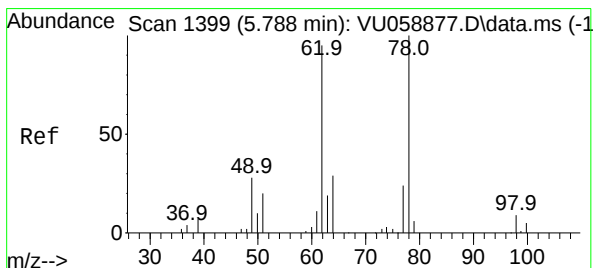
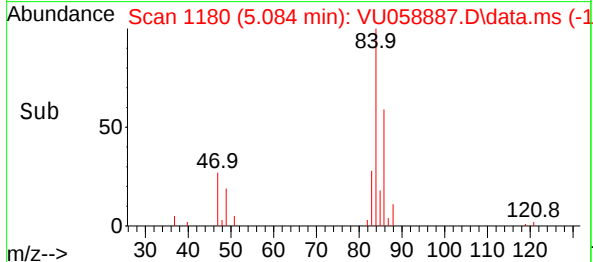
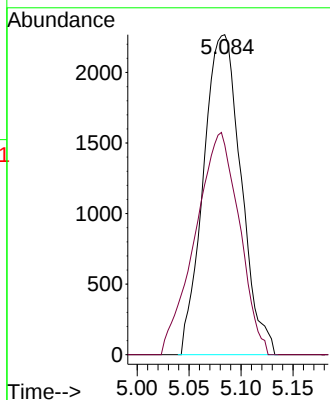
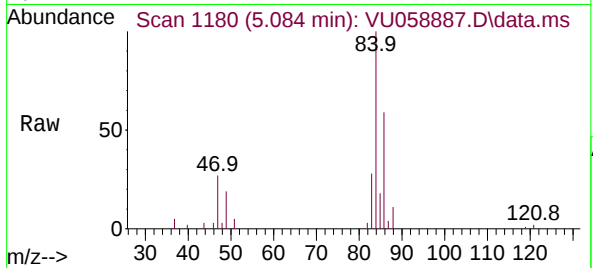
ClientSampleId :

Tgt Ion: 83 Resp: 5708

Ion Ratio Lower Upper

83 100

85 65.6 44.7 83.1



#27

1,2-Dichloroethane

Concen: 0.231 ug/L

RT: 5.798 min Scan# 1402

Delta R.T. 0.010 min

Lab File: VU058887.D

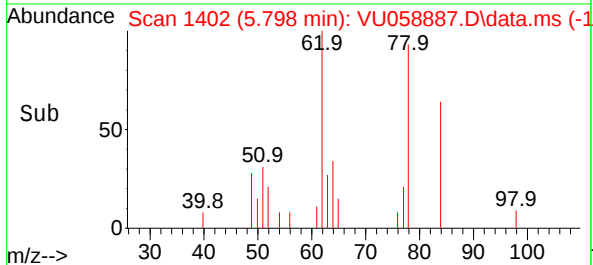
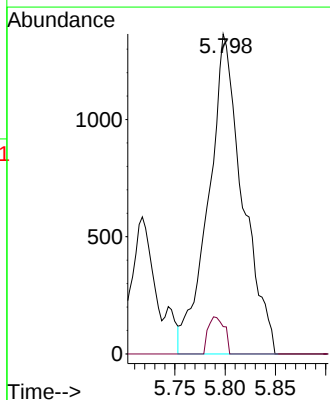
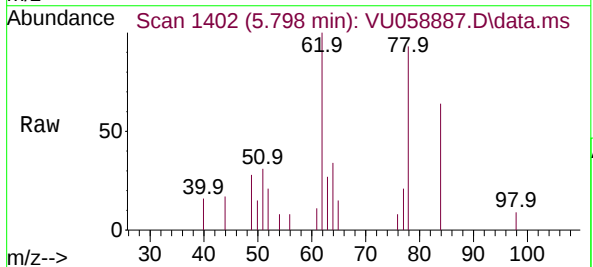
Acq: 14 May 2024 15:19

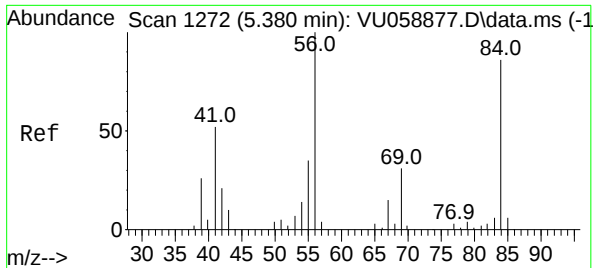
Tgt Ion: 62 Resp: 3210

Ion Ratio Lower Upper

62 100

98 8.6 7.5 11.3





#30

Cyclohexane

Concen: 0.209 ug/L

RT: 5.383 min Scan# 1314

Delta R.T. 0.003 min

Lab File: VU058887.D

Acq: 14 May 2024 15:19

Instrument :

MSVOA_U

ClientSampleId :

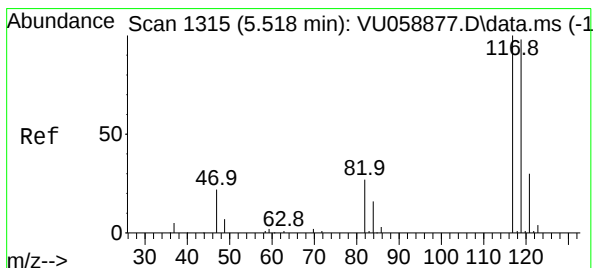
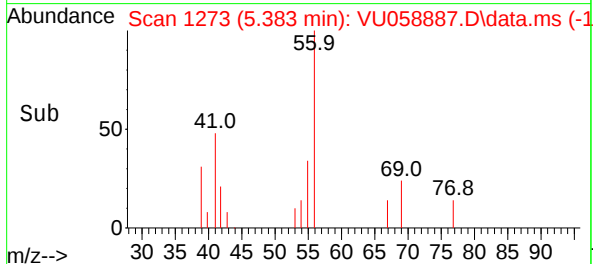
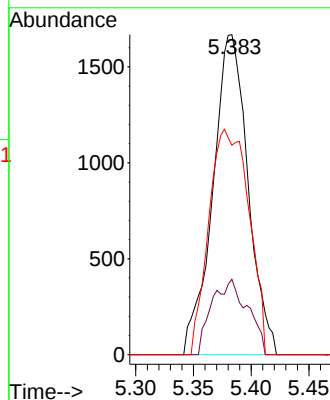
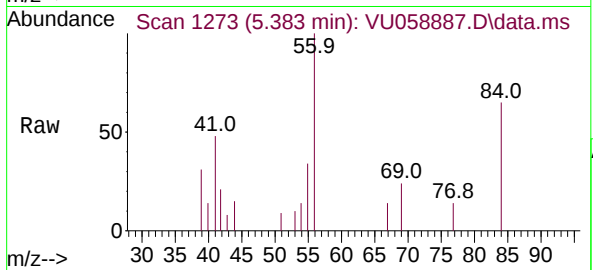
Tgt Ion: 56 Resp: 3536

Ion Ratio Lower Upper

56 100

69 23.9 24.8 37.2#

84 80.1 69.8 104.8



#31

Carbon tetrachloride

Concen: 0.197 ug/L

RT: 5.515 min Scan# 1314

Delta R.T. -0.003 min

Lab File: VU058887.D

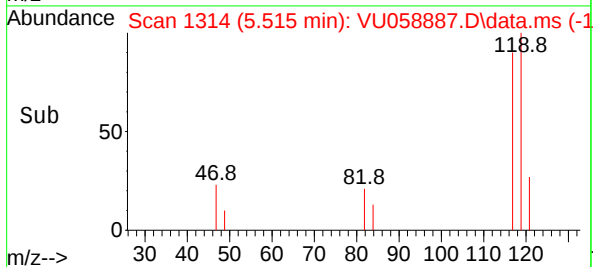
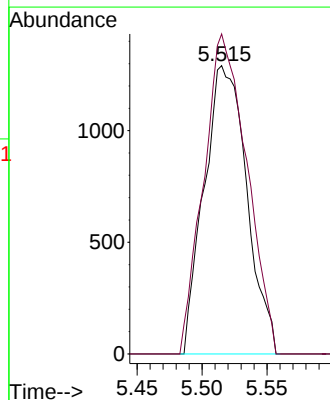
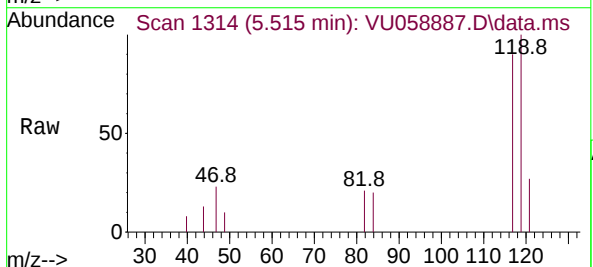
Acq: 14 May 2024 15:19

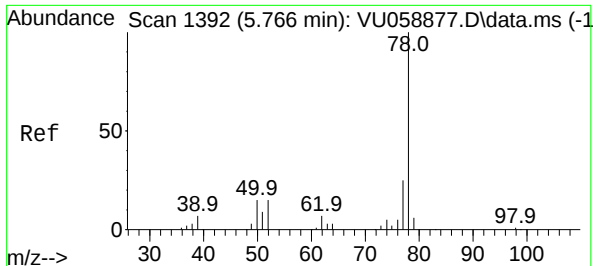
Tgt Ion: 117 Resp: 2947

Ion Ratio Lower Upper

117 100

119 112.3 77.5 116.3





#33

Benzene

Concen: 0.221 ug/L

RT: 5.772 min Scan# 14

Delta R.T. 0.007 min

Lab File: VU058887.D

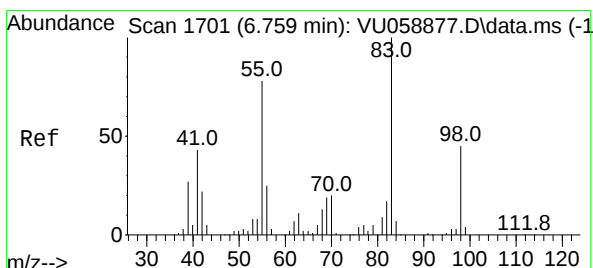
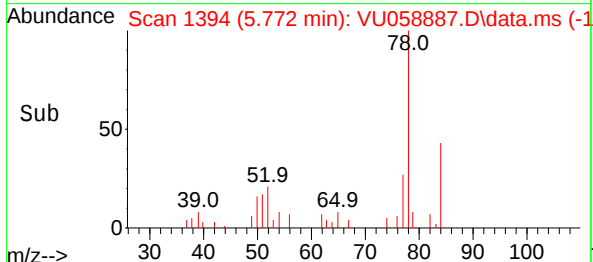
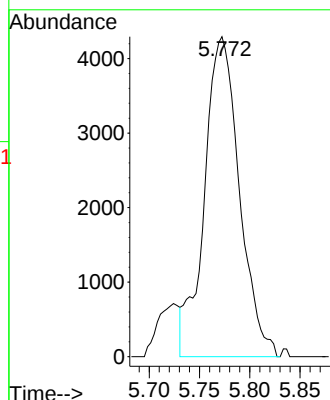
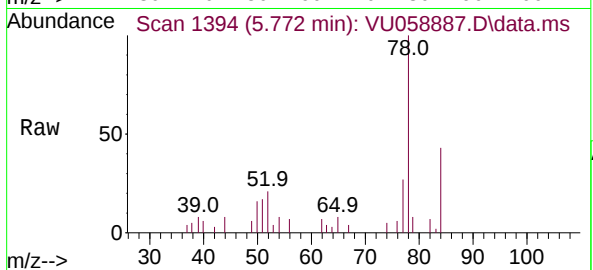
Acq: 14 May 2024 15:19

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 78 Resp: 10401



#35

Methylcyclohexane

Concen: 0.202 ug/L

RT: 6.756 min Scan# 1700

Delta R.T. -0.003 min

Lab File: VU058887.D

Acq: 14 May 2024 15:19

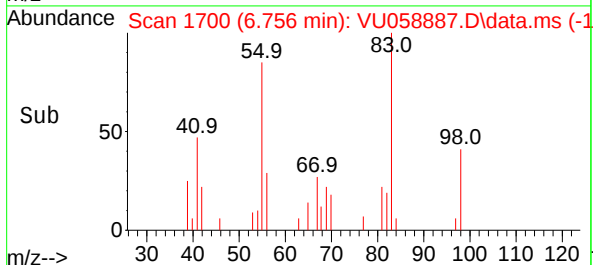
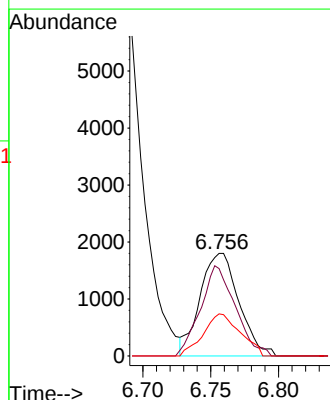
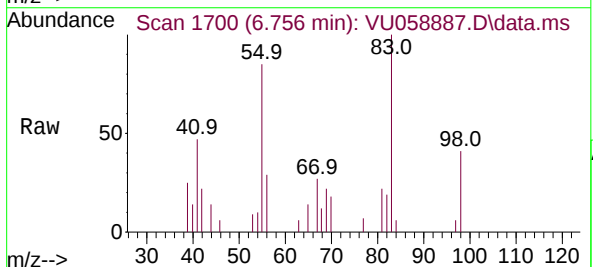
Tgt Ion: 83 Resp: 3586

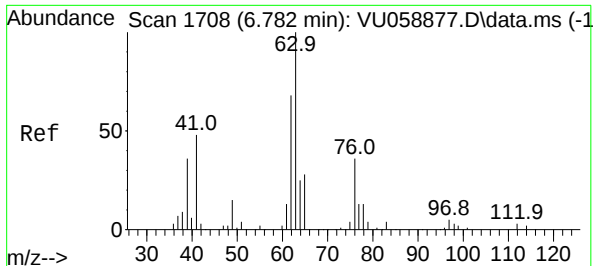
Ion Ratio Lower Upper

83 100

55 78.8 62.7 94.1

98 39.0 35.4 53.0

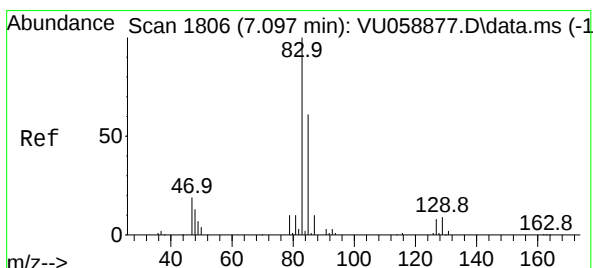
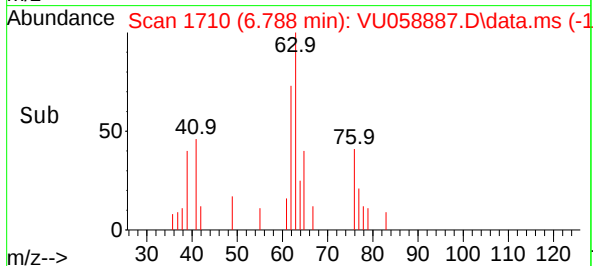
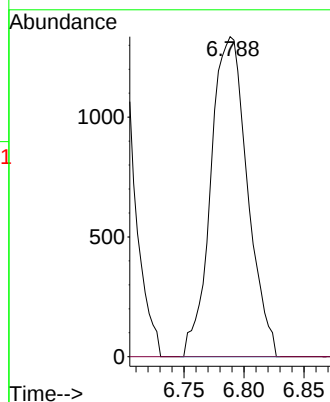
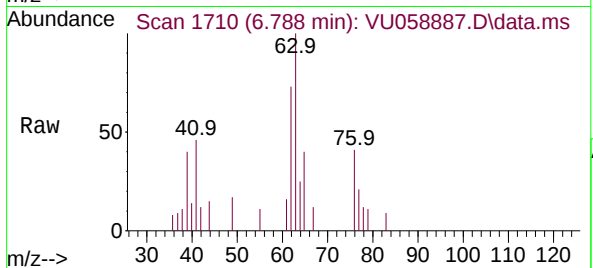




#37
1,2-Dichloropropane
Concen: 0.212 ug/L
RT: 6.788 min Scan# 11
Delta R.T. 0.007 min
Lab File: VU058887.D
Acq: 14 May 2024 15:19

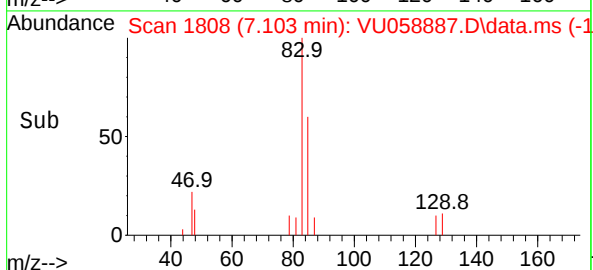
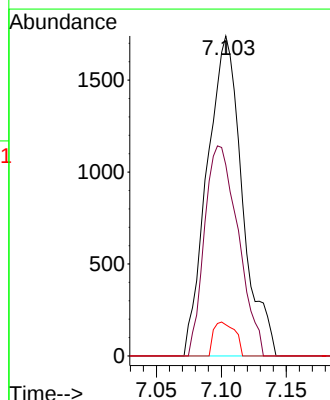
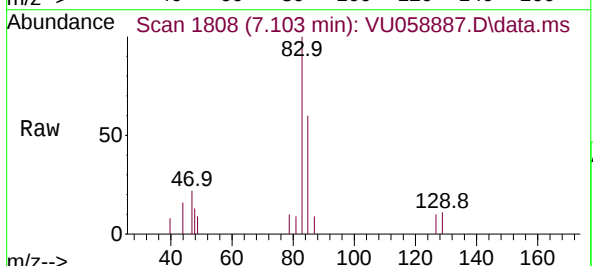
Instrument :
MSVOA_U
ClientSampleId :

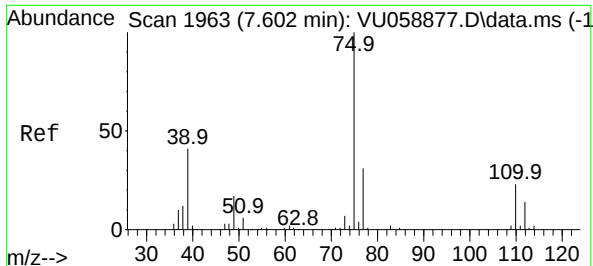
Tgt Ion: 63 Resp: 2834
Ion Ratio Lower Upper
63 100
112 0.0 2.6 3.8#



#38
Bromodichloromethane
Concen: 0.204 ug/L
RT: 7.103 min Scan# 1808
Delta R.T. 0.007 min
Lab File: VU058887.D
Acq: 14 May 2024 15:19

Tgt Ion: 83 Resp: 3271
Ion Ratio Lower Upper
83 100
85 59.7 42.7 79.3
127 9.8 6.1 9.1#

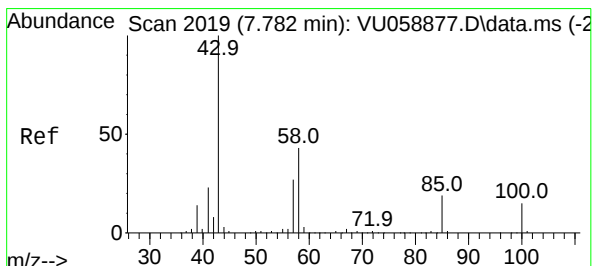
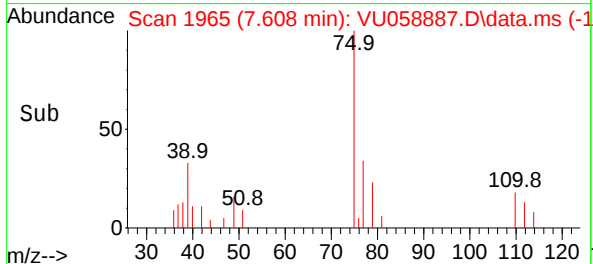
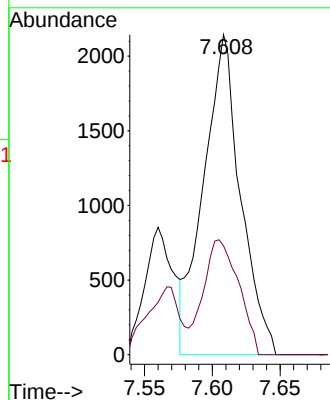
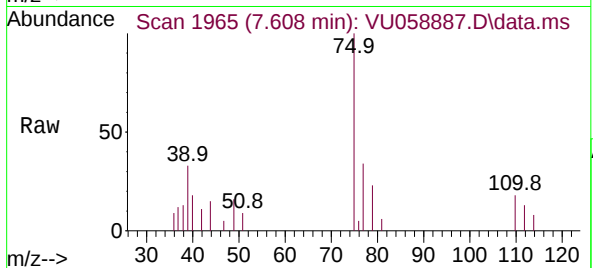




#39
 cis-1,3-Dichloropropene
 Concen: 0.224 ug/L
 RT: 7.608 min Scan# 1963
 Delta R.T. 0.007 min
 Lab File: VU058887.D
 Acq: 14 May 2024 15:19

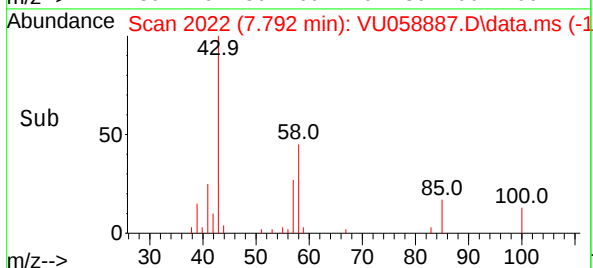
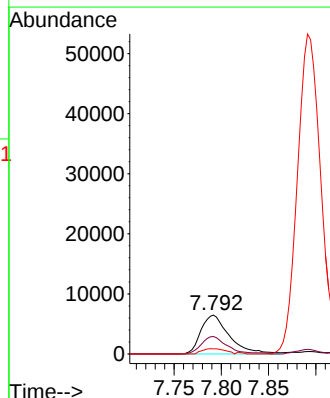
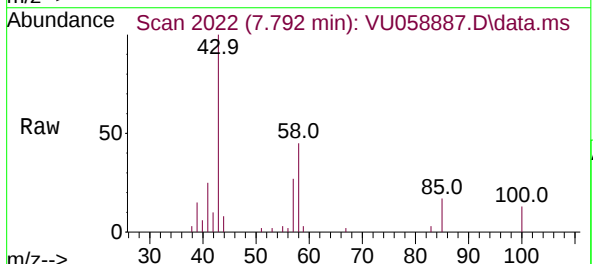
Instrument :
 MSVOA_U
 ClientSampleId :

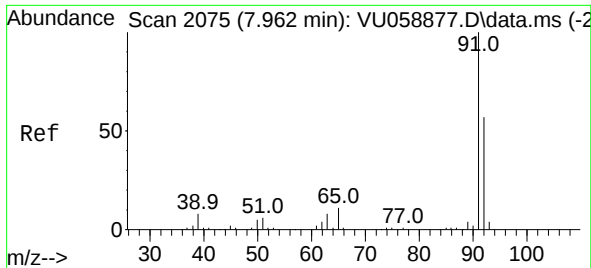
Tgt Ion: 75 Resp: 4069
 Ion Ratio Lower Upper
 75 100
 77 34.0 22.0 40.8



#40
 4-Methyl-2-pentanone
 Concen: 1.961 ug/L
 RT: 7.792 min Scan# 2022
 Delta R.T. 0.010 min
 Lab File: VU058887.D
 Acq: 14 May 2024 15:19

Tgt Ion: 43 Resp: 13536
 Ion Ratio Lower Upper
 43 100
 58 40.5 34.0 51.0
 100 0.0 12.1 18.1#





#42

Toluene

Concen: 0.212 ug/L

RT: 7.965 min Scan# 2075

Delta R.T. 0.003 min

Lab File: VU058887.D

Acq: 14 May 2024 15:19

Instrument :

MSVOA_U

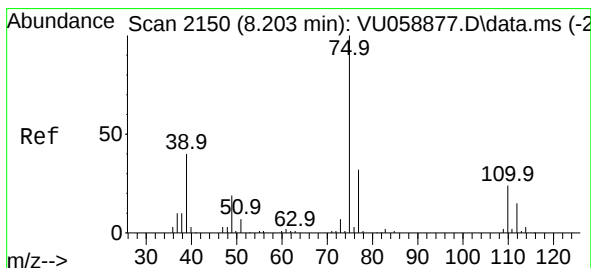
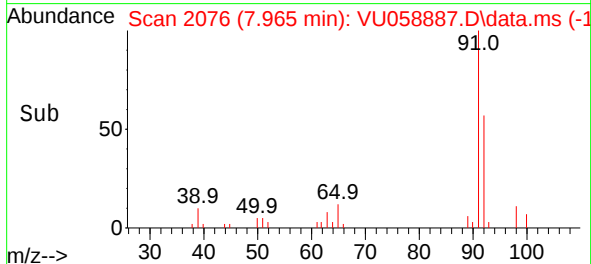
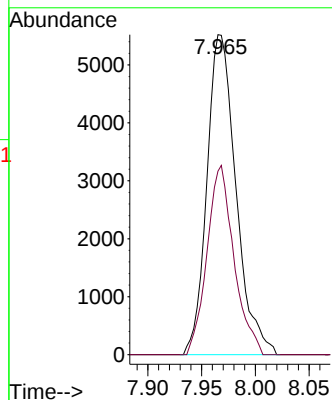
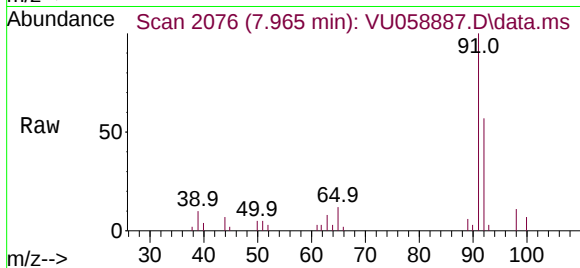
ClientSampleId :

Tgt Ion: 91 Resp: 10387

Ion Ratio Lower Upper

91 100

92 57.4 39.7 73.7



#44

trans-1,3-Dichloropropene

Concen: 0.227 ug/L

RT: 8.213 min Scan# 2153

Delta R.T. 0.010 min

Lab File: VU058887.D

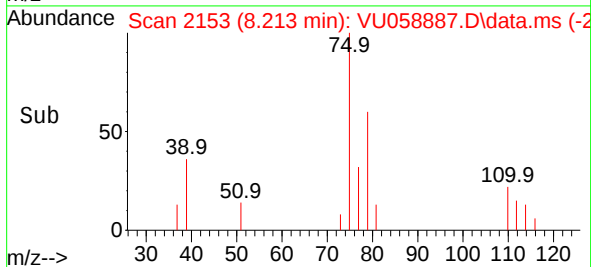
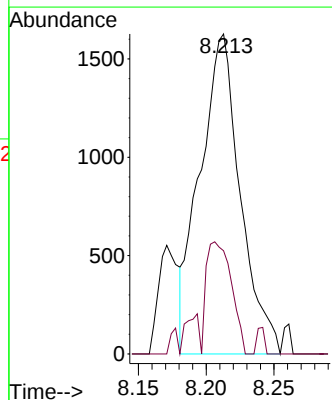
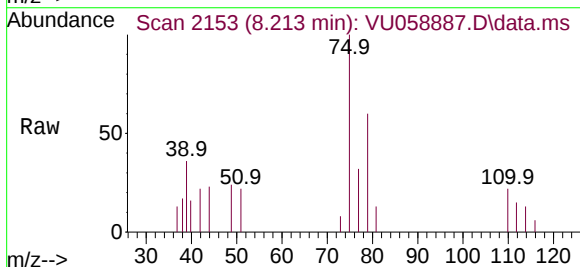
Acq: 14 May 2024 15:19

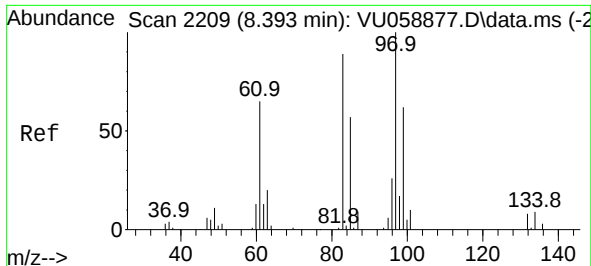
Tgt Ion: 75 Resp: 3372

Ion Ratio Lower Upper

75 100

77 32.3 22.0 41.0





#45

1,1,2-Trichloroethane

Concen: 0.199 ug/L

RT: 8.399 min Scan# 2111

Delta R.T. 0.007 min

Lab File: VU058887.D

Acq: 14 May 2024 15:19

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 97 Resp: 1869

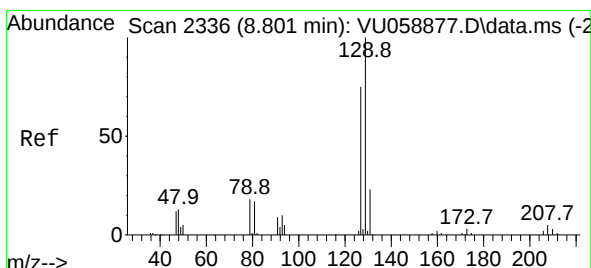
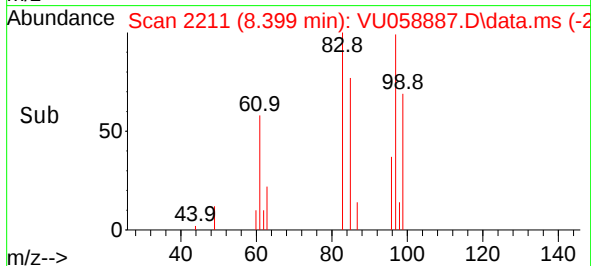
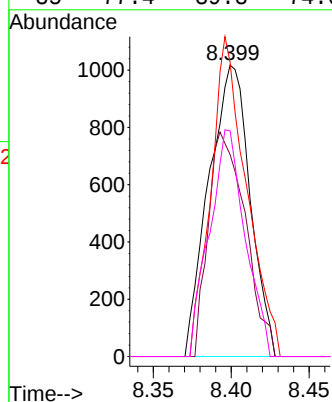
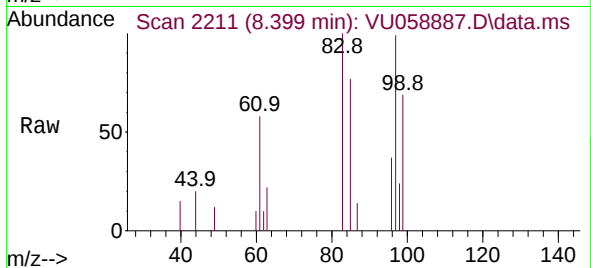
Ion Ratio Lower Upper

97 100

99 69.3 43.3 80.3

83 100.9 62.3 115.7

85 77.4 39.8 74.0#



#49

Dibromochloromethane

Concen: 0.214 ug/L

RT: 8.804 min Scan# 2337

Delta R.T. 0.003 min

Lab File: VU058887.D

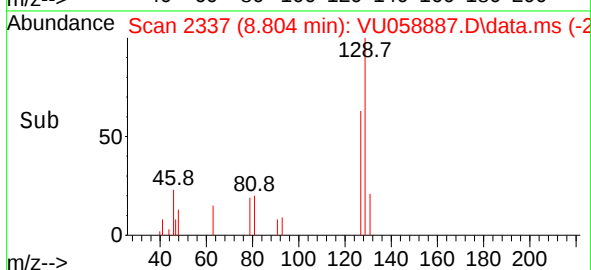
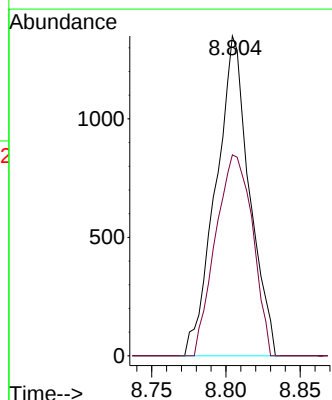
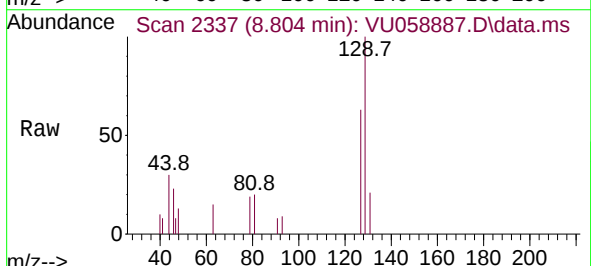
Acq: 14 May 2024 15:19

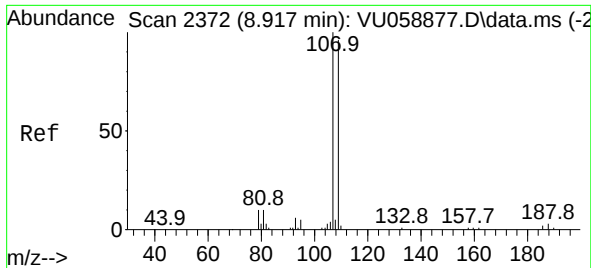
Tgt Ion:129 Resp: 2124

Ion Ratio Lower Upper

129 100

127 62.8 52.5 97.5

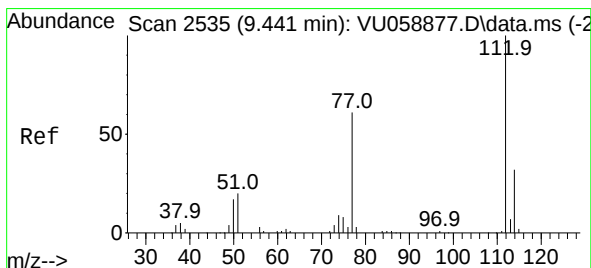
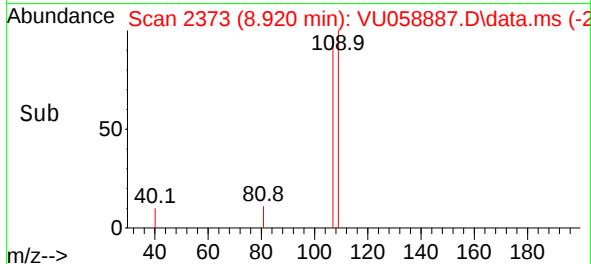
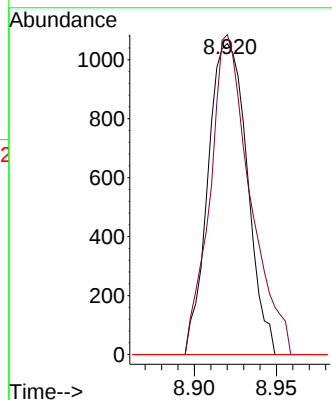
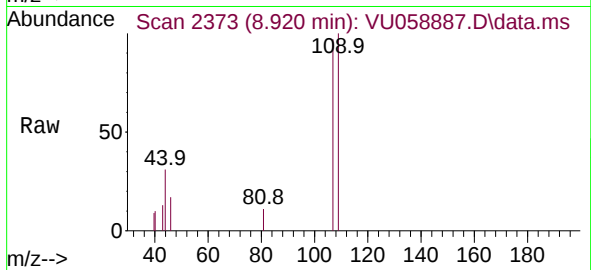




#50
1,2-Dibromoethane
Concen: 0.211 ug/L
RT: 8.920 min Scan# 24
Delta R.T. 0.003 min
Lab File: VU058887.D
Acq: 14 May 2024 15:19

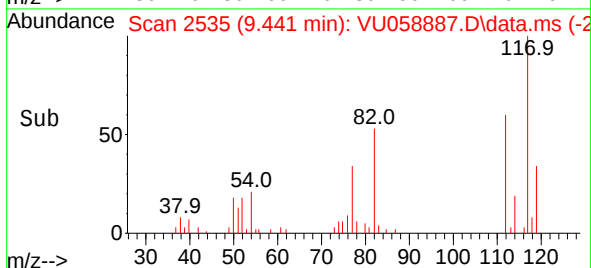
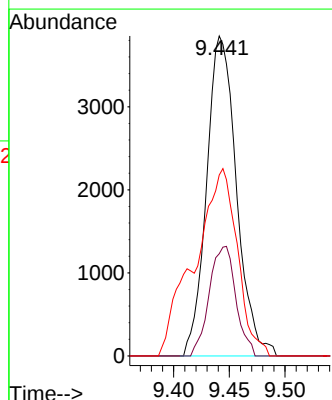
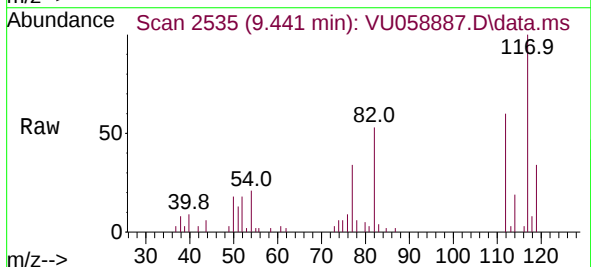
Instrument :
MSVOA_U
ClientSampleId :

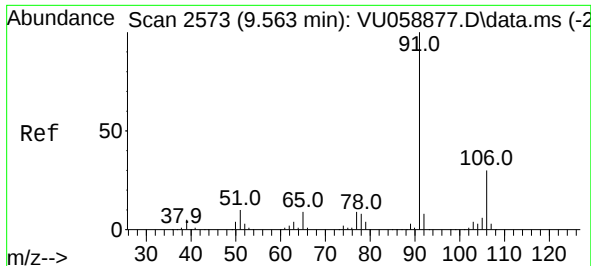
Tgt Ion:107 Resp: 1750
Ion Ratio Lower Upper
107 100
109 102.8 66.9 124.3
188 0.0 2.7 4.1#



#51
Chlorobenzene
Concen: 0.230 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. 0.000 min
Lab File: VU058887.D
Acq: 14 May 2024 15:19

Tgt Ion:112 Resp: 7202
Ion Ratio Lower Upper
112 100
114 31.9 22.4 41.6
77 56.5 49.1 73.7





#52

Ethylbenzene

Concen: 0.202 ug/L

RT: 9.566 min Scan# 2573

Delta R.T. 0.003 min

Lab File: VU058887.D

Acq: 14 May 2024 15:19

Instrument :

MSVOA_U

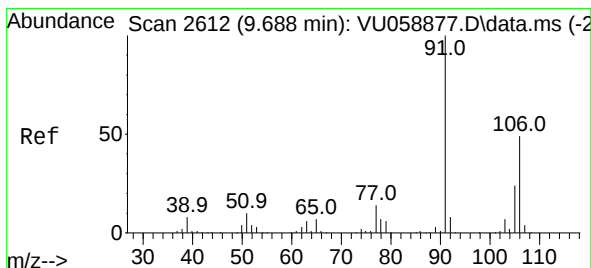
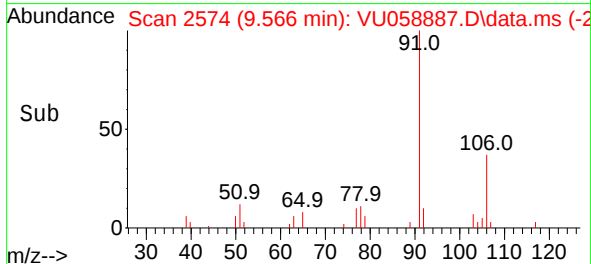
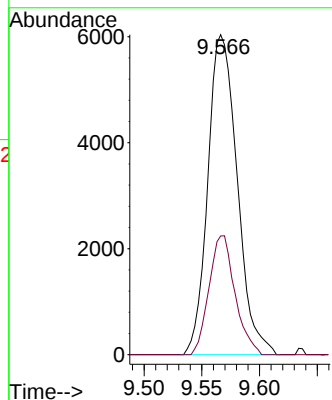
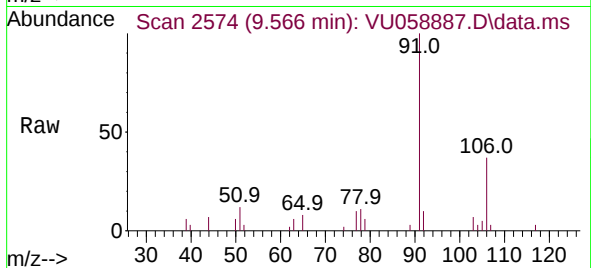
ClientSampleId :

Tgt Ion: 91 Resp: 10682

Ion Ratio Lower Upper

91 100

106 37.1 20.9 38.7



#53

m,p-Xylene

Concen: 0.192 ug/L

RT: 9.689 min Scan# 2612

Delta R.T. 0.000 min

Lab File: VU058887.D

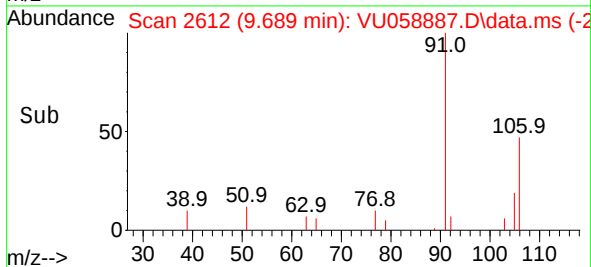
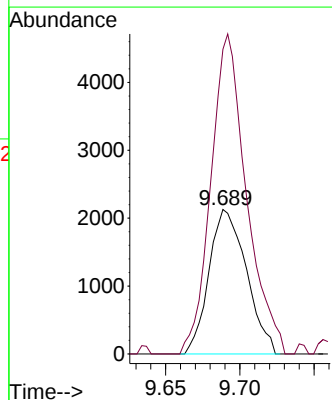
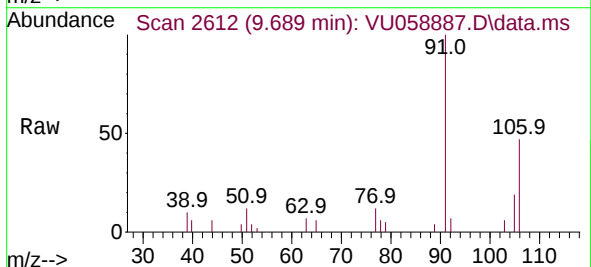
Acq: 14 May 2024 15:19

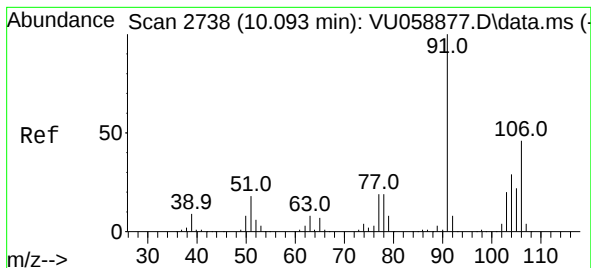
Tgt Ion:106 Resp: 3728

Ion Ratio Lower Upper

106 100

91 210.9 142.0 263.8





#54

o-Xylene

Concen: 0.168 ug/L

RT: 10.097 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU058887.D

Acq: 14 May 2024 15:19

Instrument :

MSVOA_U

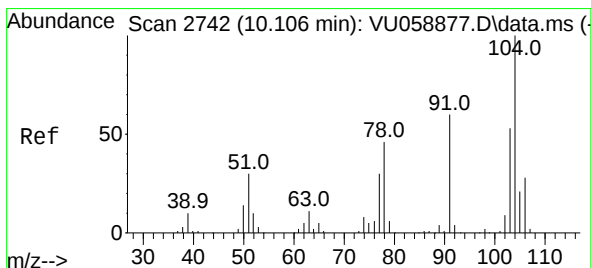
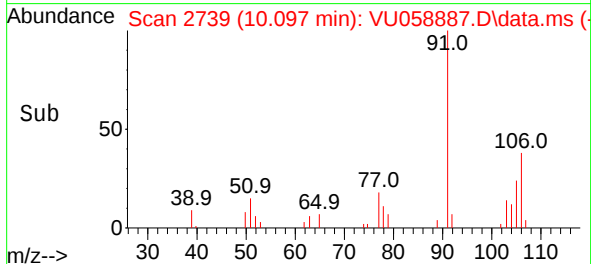
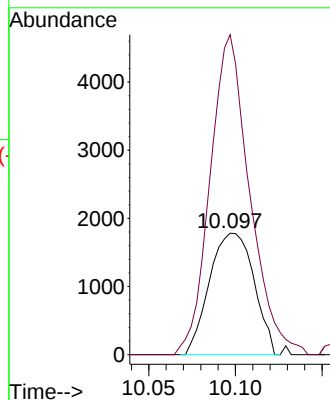
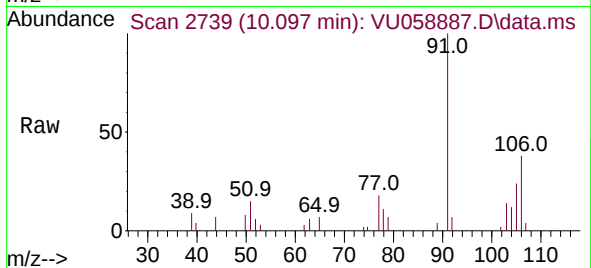
ClientSampleId :

Tgt Ion:106 Resp: 3182

Ion Ratio Lower Upper

106 100

91 263.4 151.6 281.6



#55

Styrene

Concen: 0.166 ug/L

RT: 10.119 min Scan# 2746

Delta R.T. 0.013 min

Lab File: VU058887.D

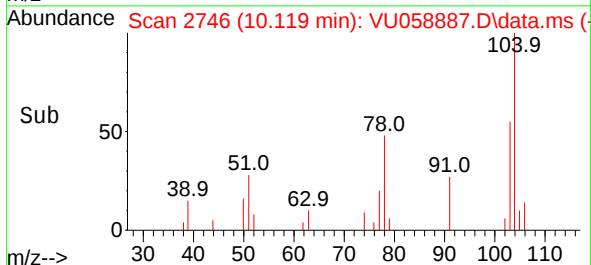
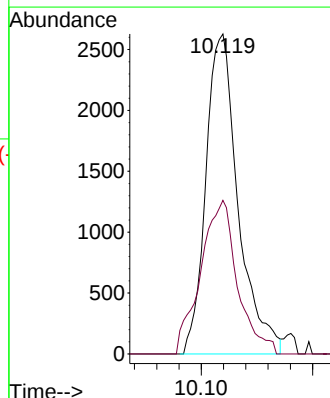
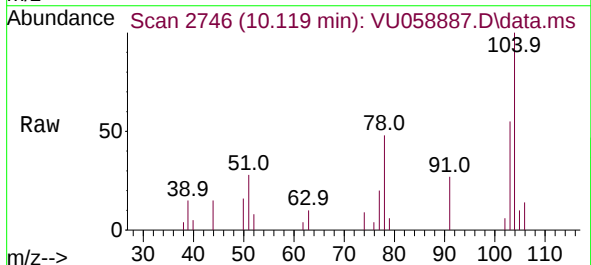
Acq: 14 May 2024 15:19

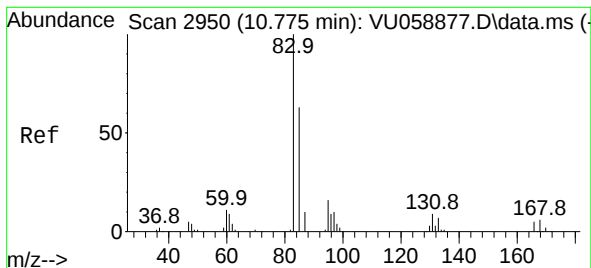
Tgt Ion:104 Resp: 5298

Ion Ratio Lower Upper

104 100

78 48.0 32.3 60.1





#57

1,1,2,2-Tetrachloroethane

Concen: 0.225 ug/L

RT: 10.779 min Scan# 2950

Delta R.T. 0.003 min

Lab File: VU058887.D

Acq: 14 May 2024 15:19

Instrument :

MSVOA_U

ClientSampleId :

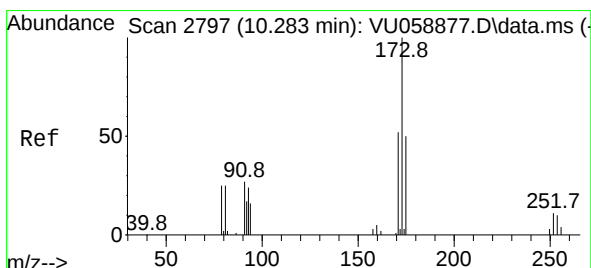
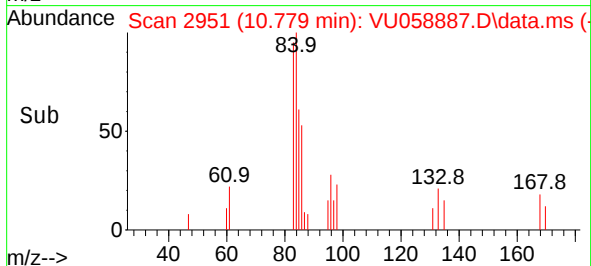
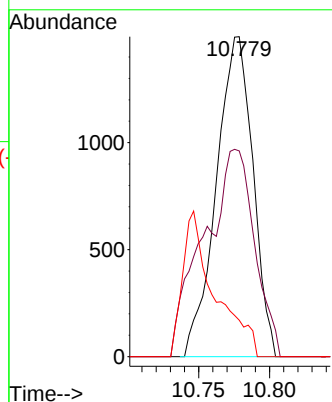
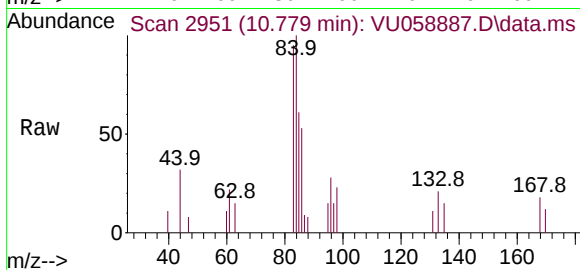
Tgt Ion: 83 Resp: 2684

Ion Ratio Lower Upper

83 100

85 64.3 44.7 82.9

131 11.4 6.9 10.3#



#59

Bromoform

Concen: 0.188 ug/L

RT: 10.290 min Scan# 2799

Delta R.T. 0.007 min

Lab File: VU058887.D

Acq: 14 May 2024 15:19

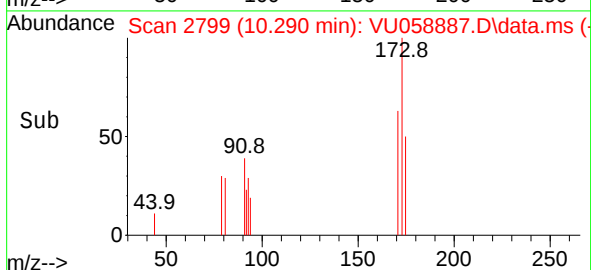
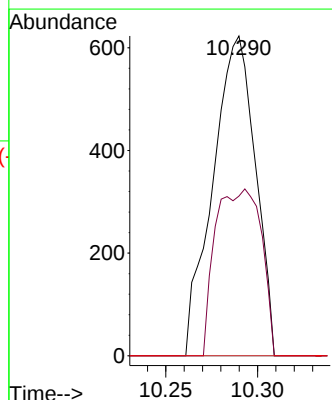
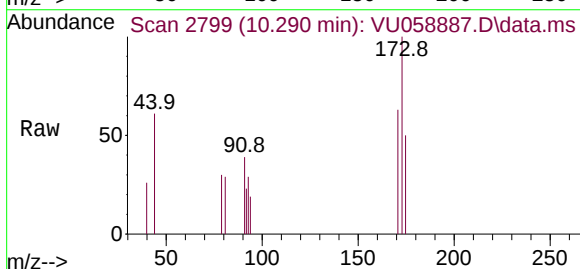
Tgt Ion:173 Resp: 1005

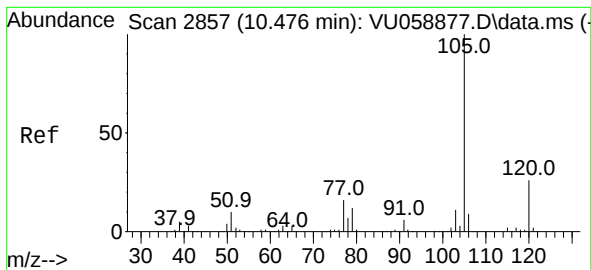
Ion Ratio Lower Upper

173 100

175 56.1 39.4 59.2

254 0.0 7.4 11.2#





#60

Isopropylbenzene

Concen: 0.203 ug/L

RT: 10.480 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU058887.D

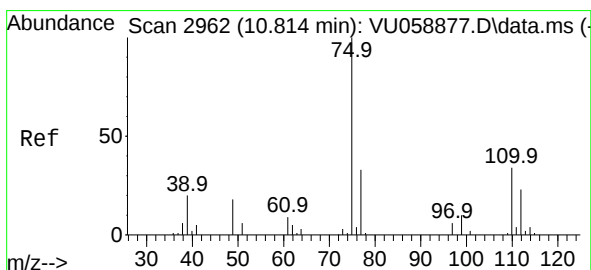
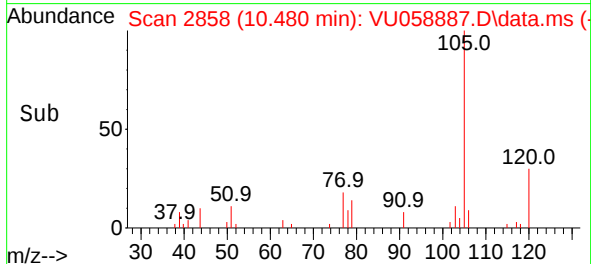
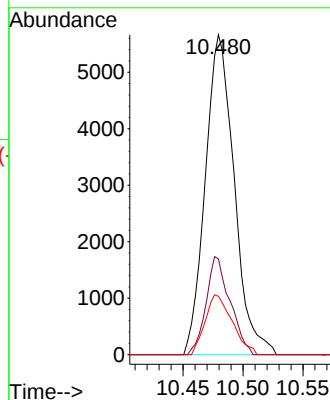
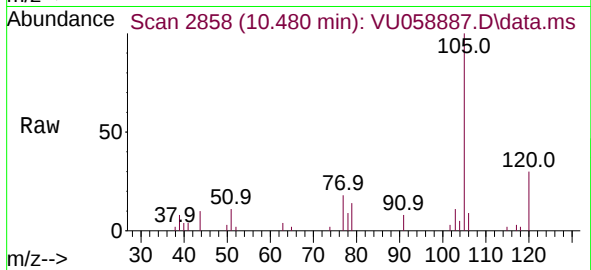
Acq: 14 May 2024 15:19

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	105	Resp:	9495
Ion Ratio	Lower	Upper	
105	100		
120	25.4	20.6	31.0
77	17.5	12.8	19.2



#61

1,2,3-Trichloropropane

Concen: 0.241 ug/L

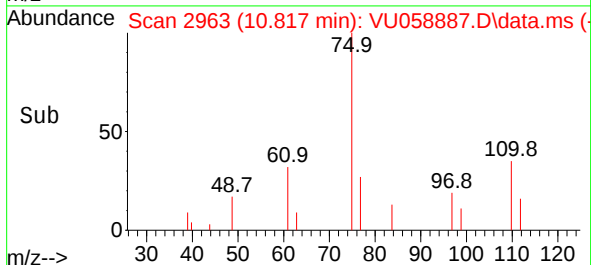
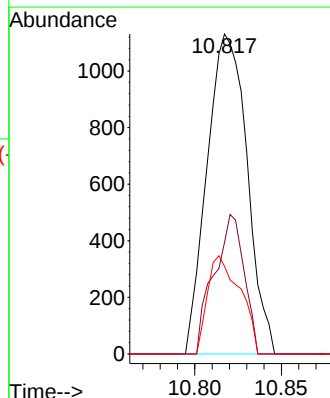
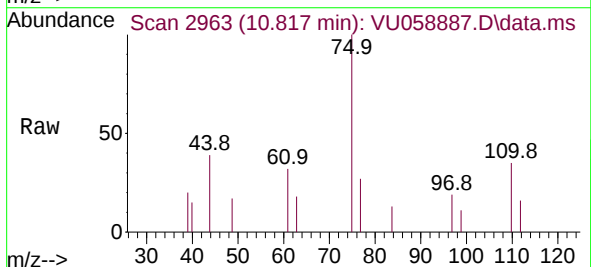
RT: 10.817 min Scan# 2963

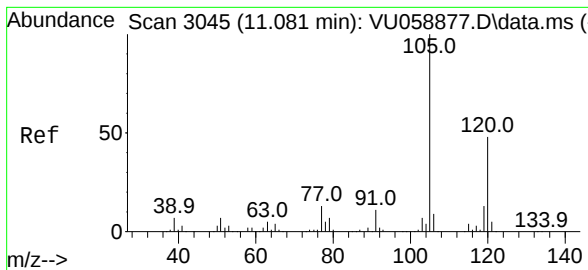
Delta R.T. 0.003 min

Lab File: VU058887.D

Acq: 14 May 2024 15:19

Tgt Ion:	75	Resp:	1814
Ion Ratio	Lower	Upper	
75	100		
110	32.8	27.1	40.7
77	24.9	25.4	38.2#

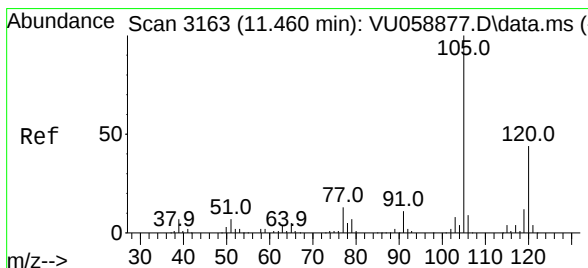
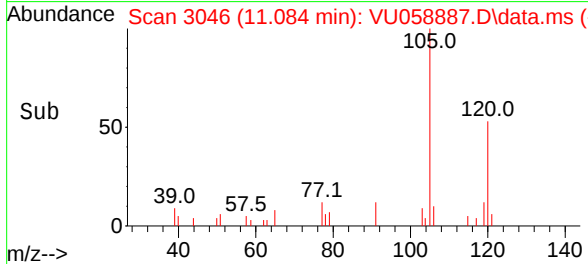
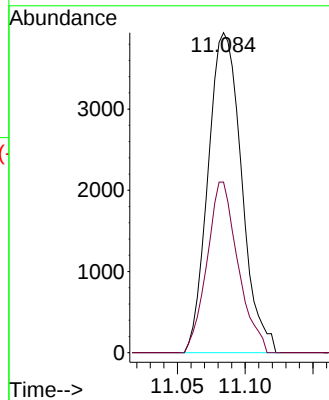
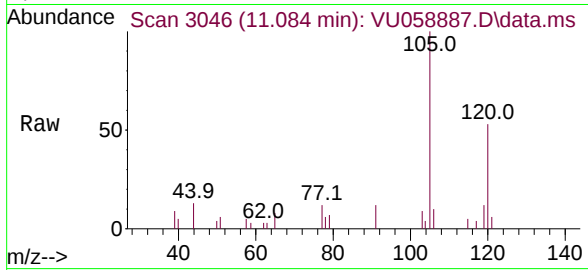




#62
 1,3,5-Trimethylbenzene
 Concen: 0.181 ug/L
 RT: 11.084 min Scan# 3045
 Delta R.T. 0.003 min
 Lab File: VU058887.D
 Acq: 14 May 2024 15:19

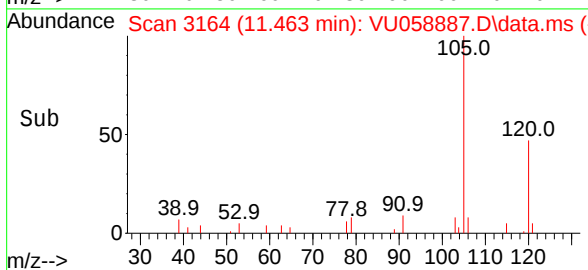
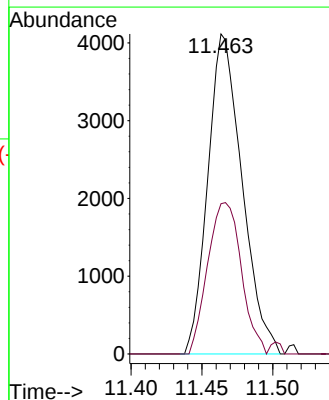
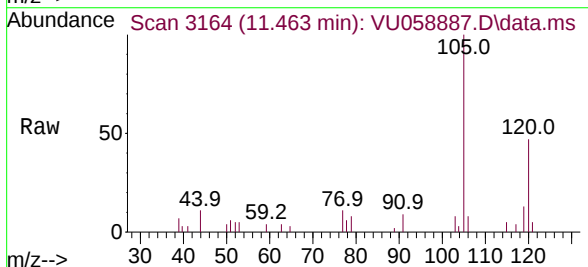
Instrument :
 MSVOA_U
 ClientSampleId :

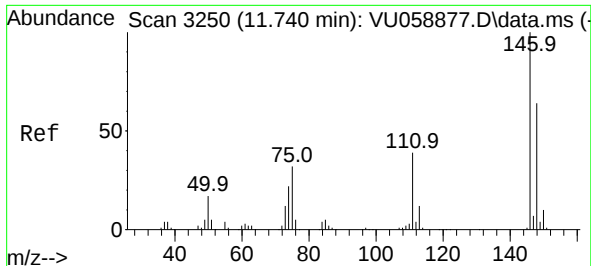
Tgt Ion:105 Resp: 6767
 Ion Ratio Lower Upper
 105 100
 120 49.4 38.2 57.4



#63
 1,2,4-Trimethylbenzene
 Concen: 0.187 ug/L
 RT: 11.463 min Scan# 3164
 Delta R.T. 0.003 min
 Lab File: VU058887.D
 Acq: 14 May 2024 15:19

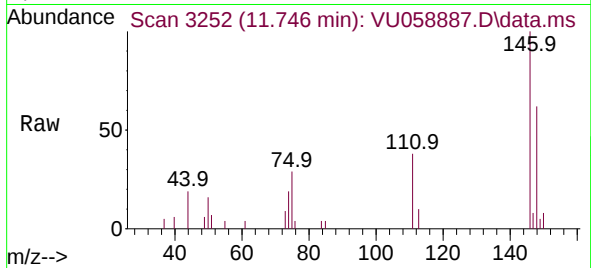
Tgt Ion:105 Resp: 6902
 Ion Ratio Lower Upper
 105 100
 120 46.6 35.4 53.0



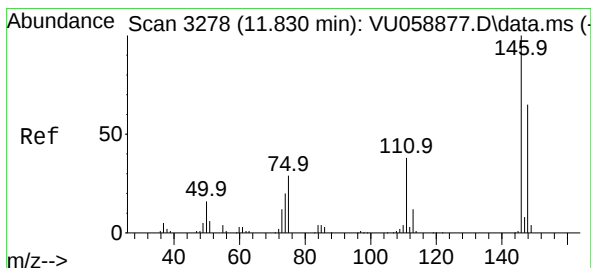
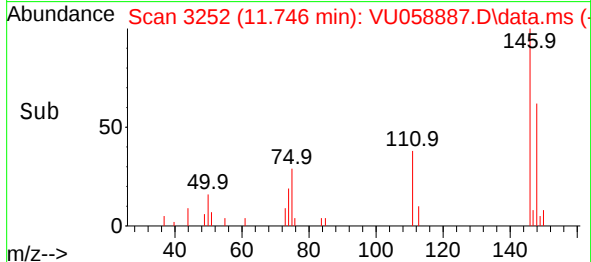
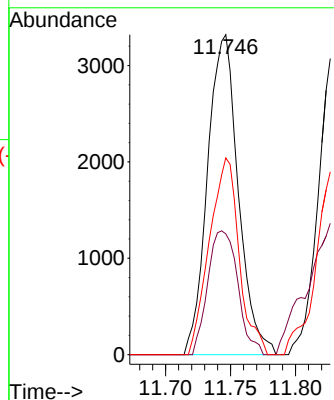


#64
1,3-Dichlorobenzene
Concen: 0.240 ug/L
RT: 11.746 min Scan# 31
Delta R.T. 0.007 min
Lab File: VU058887.D
Acq: 14 May 2024 15:19

Instrument :
MSVOA_U
ClientSampleId :

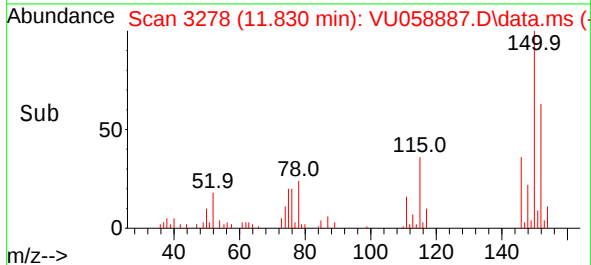
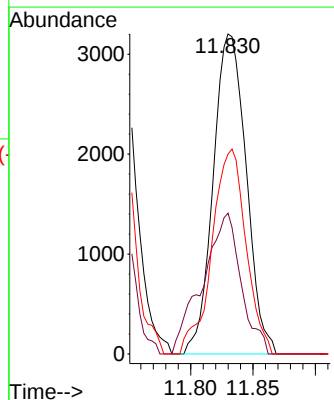
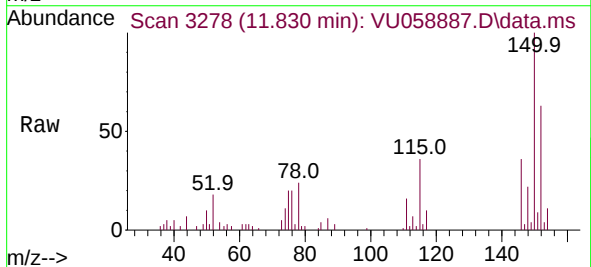


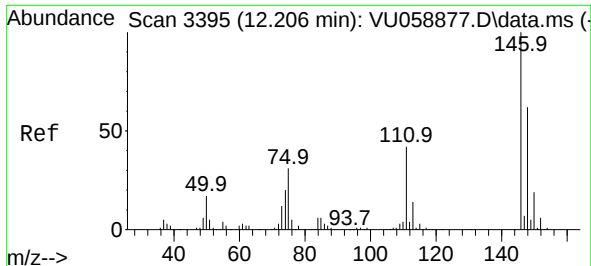
Tgt Ion:146 Resp: 5459
Ion Ratio Lower Upper
146 100
111 37.7 27.4 51.0
148 61.5 45.0 83.6



#65
1,4-Dichlorobenzene
Concen: 0.260 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. 0.000 min
Lab File: VU058887.D
Acq: 14 May 2024 15:19

Tgt Ion:146 Resp: 5903
Ion Ratio Lower Upper
146 100
111 44.0 26.9 50.1
148 62.5 45.3 84.1





#67

1,2-Dichlorobenzene

Concen: 0.237 ug/L

RT: 12.209 min Scan# 3395

Delta R.T. 0.003 min

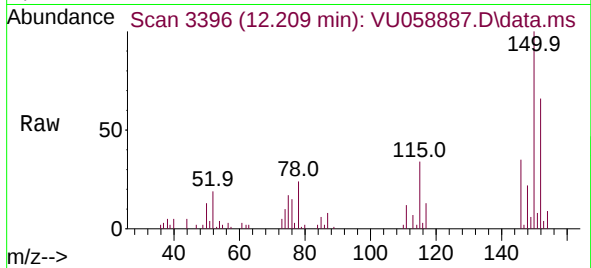
Lab File: VU058887.D

Acq: 14 May 2024 15:19

Instrument :

MSVOA_U

ClientSampleId :



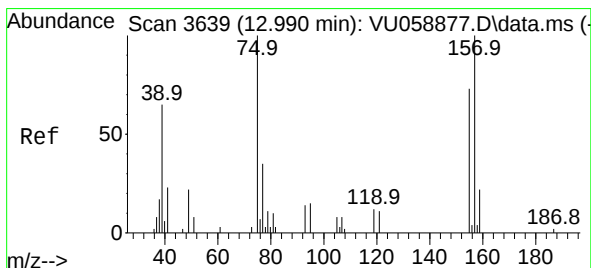
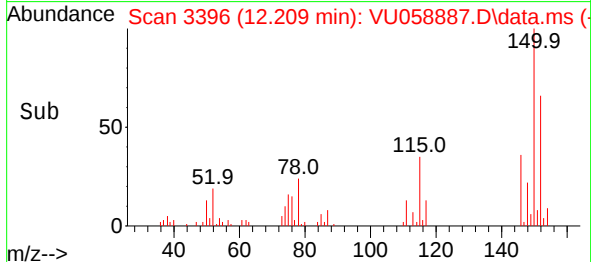
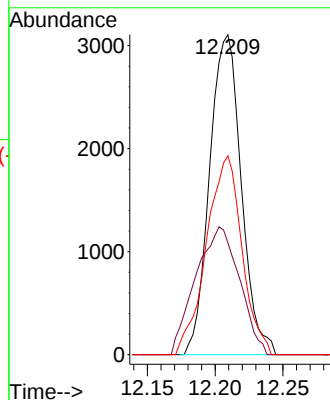
Tgt Ion:146 Resp: 5046

Ion Ratio Lower Upper

146 100

111 35.0 33.4 50.0

148 62.2 49.7 74.5



#68

1,2-Dibromo-3-chloropropane

Concen: 0.158 ug/L

RT: 12.994 min Scan# 3640

Delta R.T. 0.003 min

Lab File: VU058887.D

Acq: 14 May 2024 15:19

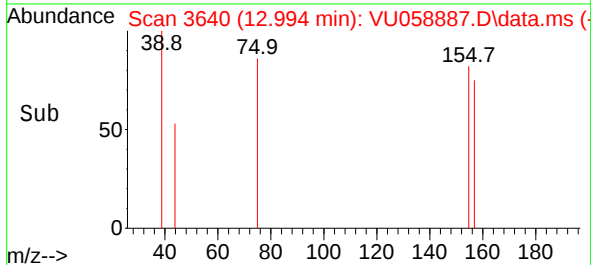
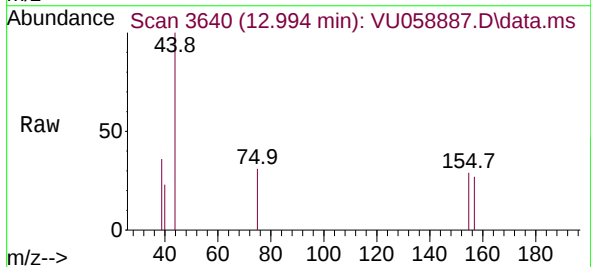
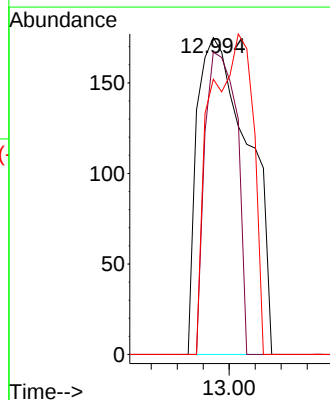
Tgt Ion: 75 Resp: 240

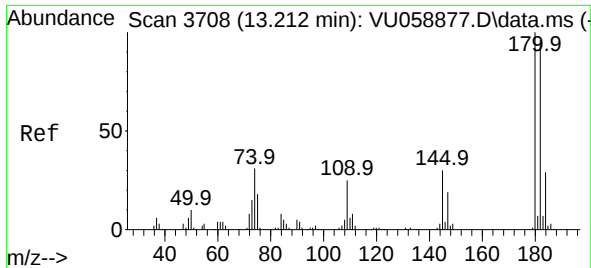
Ion Ratio Lower Upper

75 100

155 95.4 58.2 87.2#

157 86.9 80.0 120.0





#69

1,3,5-Trichlorobenzene

Concen: 0.225 ug/L

RT: 13.222 min Scan# 3711

Delta R.T. 0.010 min

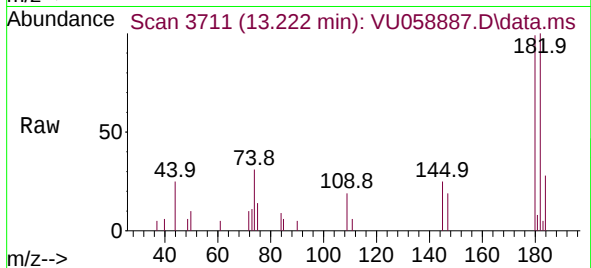
Lab File: VU058887.D

Acq: 14 May 2024 15:19

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 3838

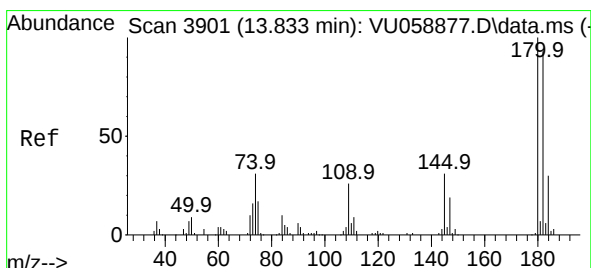
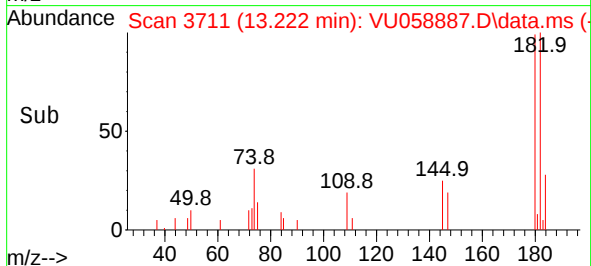
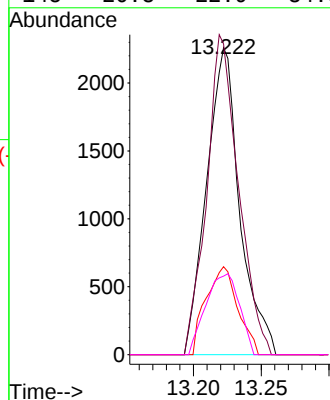
Ion Ratio Lower Upper

180 100

182 99.9 75.4 113.0

184 27.6 23.0 34.6

145 26.8 22.9 34.3



#70

1,2,4-trichlorobenzene

Concen: 0.230 ug/L

RT: 13.839 min Scan# 3903

Delta R.T. 0.007 min

Lab File: VU058887.D

Acq: 14 May 2024 15:19

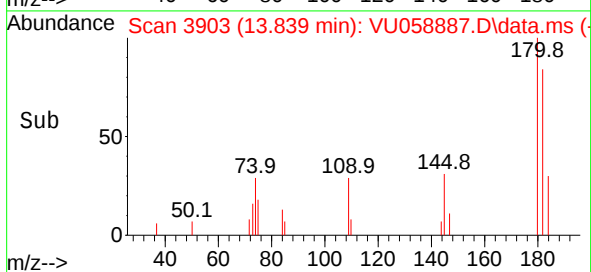
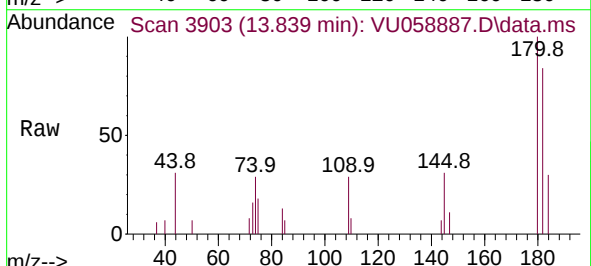
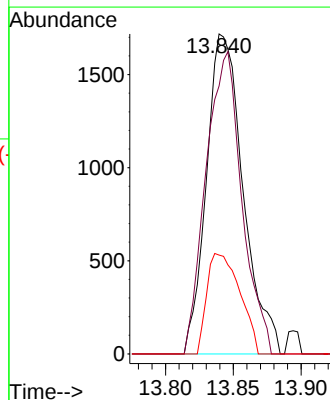
Tgt Ion:180 Resp: 3237

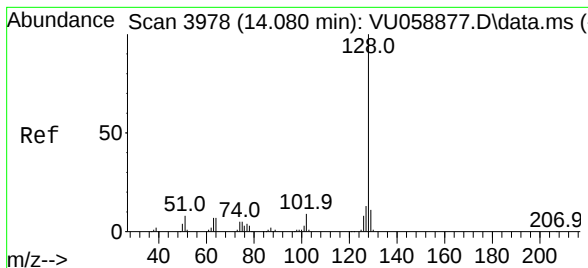
Ion Ratio Lower Upper

180 100

182 92.2 74.9 112.3

145 28.1 23.9 35.9





#71

Naphthalene

Concen: 0.174 ug/L

RT: 14.097 min Scan# 3983

Delta R.T. 0.016 min

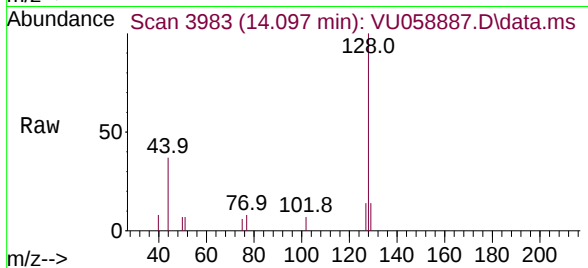
Lab File: VU058887.D

Acq: 14 May 2024 15:19

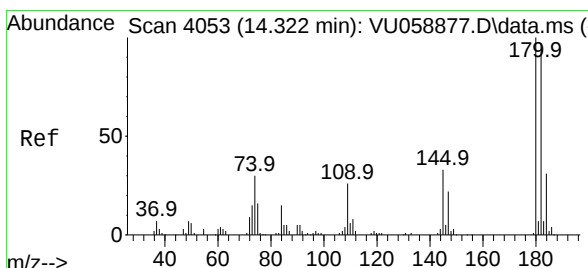
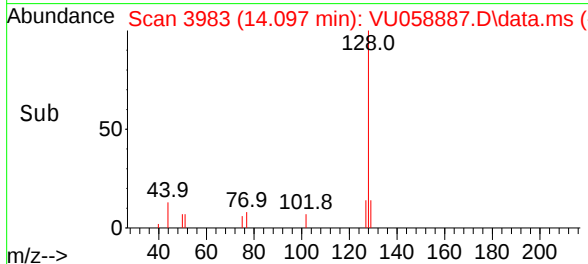
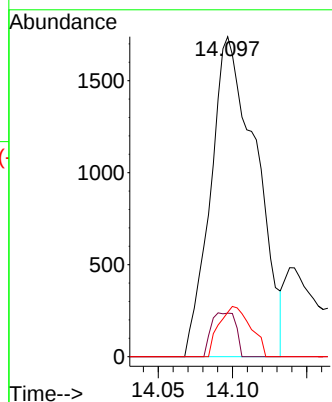
Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:	128	Resp:	3702
Ion Ratio	Lower	Upper	
128	100		
129	7.4	8.2	12.4#
127	10.9	10.2	15.4



#72

1,2,3-Trichlorobenzene

Concen: 0.235 ug/L

RT: 14.328 min Scan# 4055

Delta R.T. 0.007 min

Lab File: VU058887.D

Acq: 14 May 2024 15:19

Tgt Ion:	180	Resp:	2903
Ion Ratio	Lower	Upper	
180	100		
182	75.3	77.0	115.6#
145	26.7	26.2	39.4

