

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080824\
 Data File : VU060354.D
 Acq On : 08 Aug 2024 13:44
 Operator : MD/SY
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 08 23:52:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080824WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Aug 08 23:46:27 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	125534	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	128970	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	67345	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	48571	4.929	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.600%
7) Chloroethane-d5	1.911	69	43769	4.926	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.600%
11) 1,1-Dichloroethene-d2	2.560	65	20597	4.911	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.200%
20) 2-Butanone-d5	4.641	46	103062	49.283	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.560%
24) Chloroform-d	5.055	84	97520	4.998	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.000%
26) 1,2-Dichloroethane-d4	5.695	65	44317	4.898	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.000%
32) Benzene-d6	5.721	84	193013	4.962	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.200%
36) 1,2-Dichloropropane-d6	6.682	67	59329	4.918	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.400%
41) Toluene-d8	7.891	98	184354	5.309	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.200%
43) trans-1,3-Dichloroprop...	8.177	79	19924	5.108	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.200%
46) 2-Hexanone-d5	8.631	63	91992	53.147	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.300%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	48354	4.885	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	65341	5.267	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	34901	5.154	ug/L	98
3) Chloromethane	1.518	50	41740	4.956	ug/L	97
5) Vinyl chloride	1.602	62	49457	5.015	ug/L	98
6) Bromomethane	1.856	94	35773	5.122	ug/L	97
8) Chloroethane	1.930	64	33221	4.967	ug/L	98
9) Trichlorofluoromethane	2.136	101	70327	5.087	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	46260	5.077	ug/L	99
12) 1,1-Dichloroethene	2.576	96	42436	5.127	ug/L	85
13) Acetone	2.657	43	61189	42.848	ug/L	92
14) Carbon disulfide	2.789	76	106750	5.112	ug/L	100
15) Methyl Acetate	2.962	43	15444	5.220	ug/L	100
16) Methylene chloride	3.039	84	50883	4.324	ug/L	97
17) Methyl tert-butyl Ether	3.358	73	100192	5.134	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	42870	5.280	ug/L	96
19) 1,1-Dichloroethane	3.862	63	85987	5.129	ug/L	99
21) 2-Butanone	4.718	43	105324	49.485	ug/L	99
22) cis-1,2-Dichloroethene	4.660	96	50754	5.178	ug/L	99
23) Bromochloromethane	4.968	128	23174	5.122	ug/L	96
25) Chloroform	5.081	83	91695	5.028	ug/L	98

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Quant Time: Aug 08 23:52:41 2024
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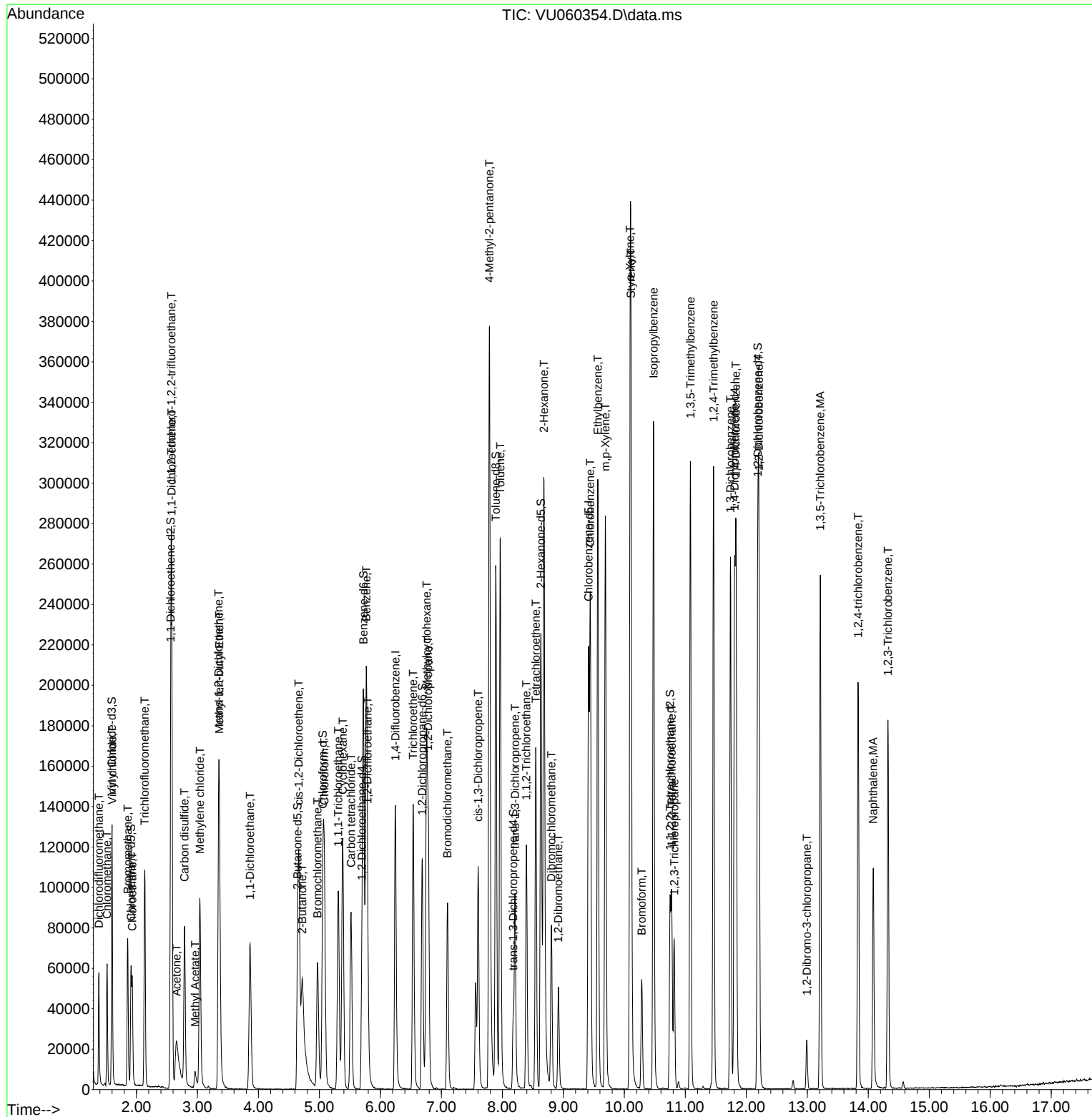
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	49088	5.061	ug/L	98
29) 1,1,1-Trichloroethane	5.309	97	74122	5.250	ug/L	100
30) Cyclohexane	5.380	56	61308	5.364	ug/L	99
31) Carbon tetrachloride	5.518	117	63671	5.146	ug/L	99
33) Benzene	5.769	78	197548	5.320	ug/L	100
34) Trichloroethene	6.538	95	52048	5.355	ug/L	97
35) Methylcyclohexane	6.756	83	67757	5.339	ug/L	97
37) 1,2-Dichloropropane	6.782	63	52957	5.240	ug/L	99
38) Bromodichloromethane	7.100	83	65576	5.250	ug/L	92
39) cis-1,3-Dichloropropene	7.602	75	71367	5.199	ug/L	99
40) 4-Methyl-2-pentanone	7.785	43	259731	55.060	ug/L	100
42) Toluene	7.965	91	215963	5.504	ug/L	98
44) trans-1,3-Dichloropropene	8.206	75	59001	5.203	ug/L	93
45) 1,1,2-Trichloroethane	8.393	97	39014	5.041	ug/L	98
47) Tetrachloroethene	8.547	164	40027	5.265	ug/L	98
48) 2-Hexanone	8.679	43	203056	56.782	ug/L	99
49) Dibromochloromethane	8.801	129	43158	5.244	ug/L	92
50) 1,2-Dibromoethane	8.917	107	35429	5.142	ug/L	99
51) Chlorobenzene	9.441	112	140532	5.309	ug/L	97
52) Ethylbenzene	9.563	91	222186	5.375	ug/L	98
53) m,p-Xylene	9.689	106	85297	5.429	ug/L	98
54) o-Xylene	10.094	106	82794	5.507	ug/L	98
55) Styrene	10.110	104	147605	5.675	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.775	83	49307	5.123	ug/L	99
59) Bromoform	10.283	173	26912	5.263	ug/L	98
60) Isopropylbenzene	10.480	105	223398	5.494	ug/L	100
61) 1,2,3-Trichloropropane	10.817	75	33165	5.087	ug/L	99
62) 1,3,5-Trimethylbenzene	11.084	105	173944	5.556	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	172497	5.591	ug/L	98
64) 1,3-Dichlorobenzene	11.740	146	113780	5.490	ug/L	97
65) 1,4-Dichlorobenzene	11.830	146	113416	5.429	ug/L	97
67) 1,2-Dichlorobenzene	12.206	146	105819	5.408	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.991	75	6910	5.653	ug/L	96
69) 1,3,5-Trichlorobenzene	13.213	180	84354	5.386	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	68225	5.549	ug/L	99
71) Naphthalene	14.081	128	97119	5.555	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	60579	5.499	ug/L	99

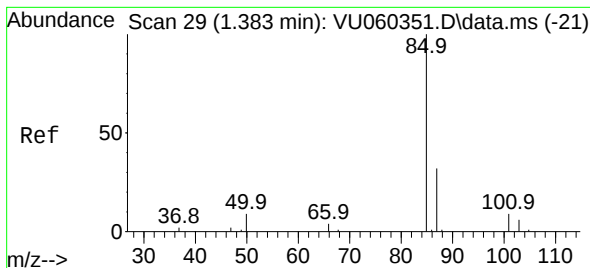
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#2

Dichlorodifluoromethane

Concen: 5.154 ug/L

RT: 1.383 min Scan# 29

Delta R.T. 0.000 min

Lab File: VU060354.D

Acq: 08 Aug 2024 13:44

Instrument :

MSVOA_U

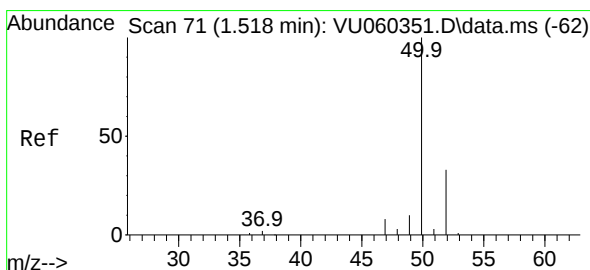
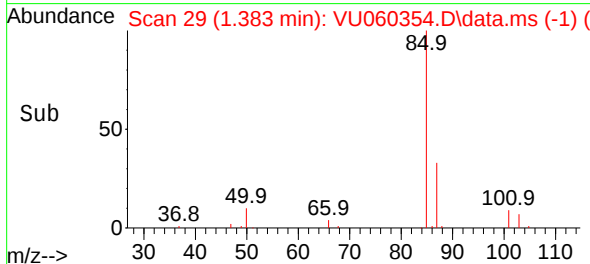
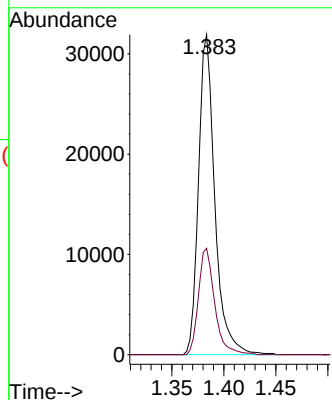
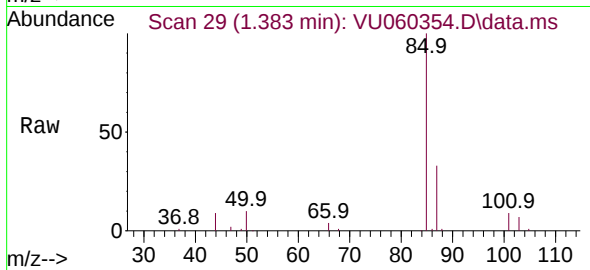
ClientSampleId :

Tgt Ion: 85 Resp: 34901

Ion Ratio Lower Upper

85 100

87 33.0 25.7 38.5



#3

Chloromethane

Concen: 4.956 ug/L

RT: 1.518 min Scan# 71

Delta R.T. 0.000 min

Lab File: VU060354.D

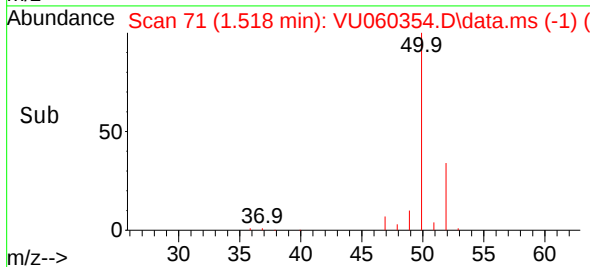
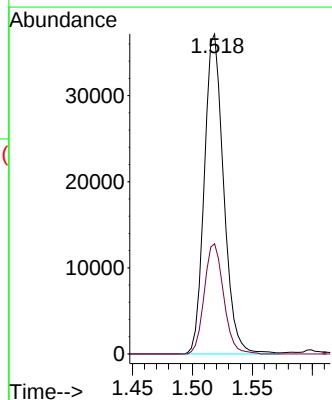
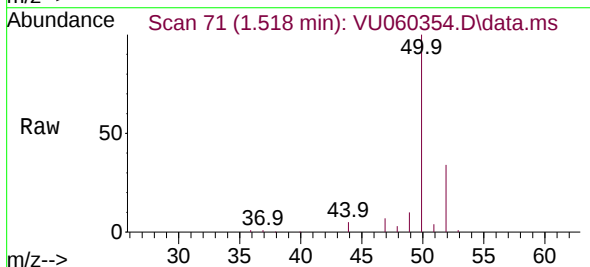
Acq: 08 Aug 2024 13:44

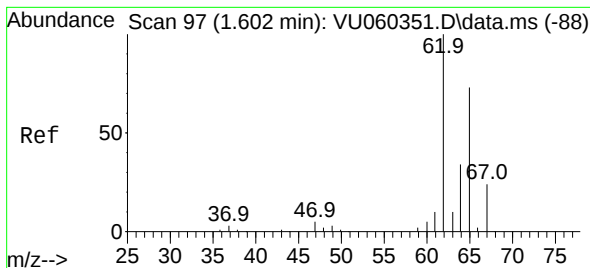
Tgt Ion: 50 Resp: 41740

Ion Ratio Lower Upper

50 100

52 34.4 22.8 42.4





#5

Vinyl chloride

Concen: 5.015 ug/L

RT: 1.602 min Scan# 97

Delta R.T. 0.000 min

Lab File: VU060354.D

Acq: 08 Aug 2024 13:44

Instrument :

MSVOA_U

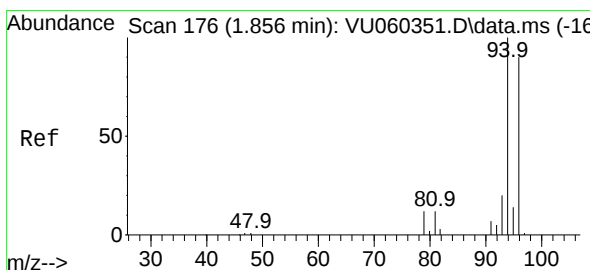
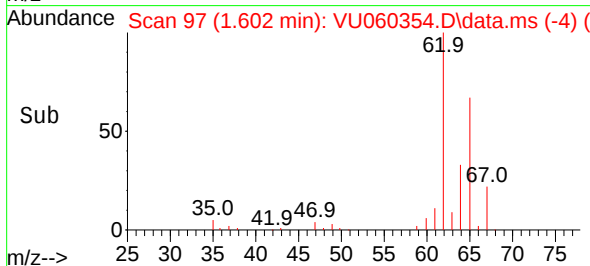
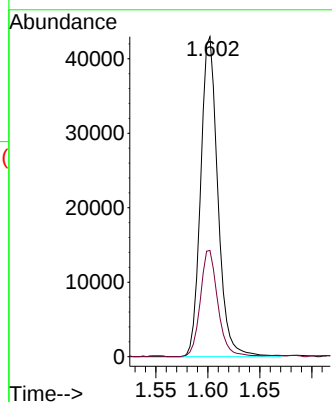
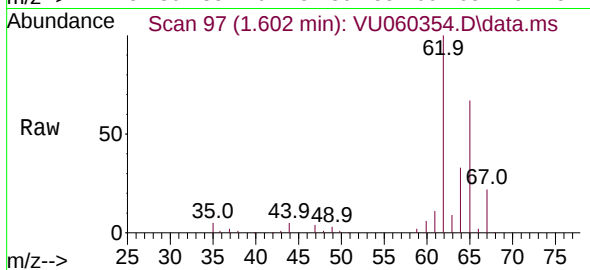
ClientSampleId :

Tgt Ion: 62 Resp: 49457

Ion Ratio Lower Upper

62 100

64 33.2 24.1 44.7



#6

Bromomethane

Concen: 5.122 ug/L

RT: 1.856 min Scan# 176

Delta R.T. 0.000 min

Lab File: VU060354.D

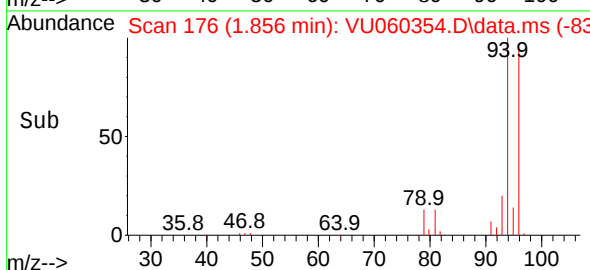
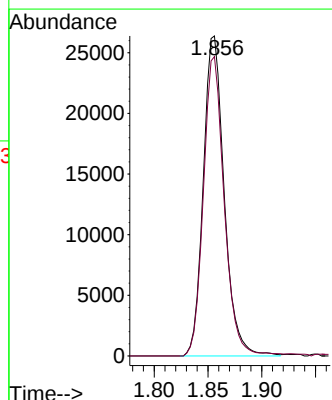
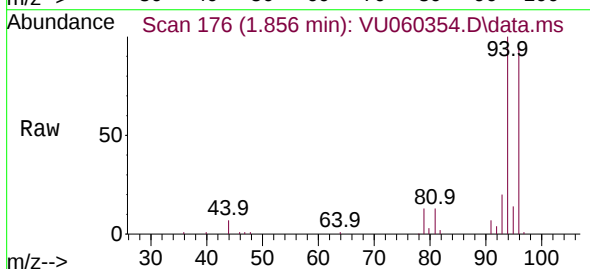
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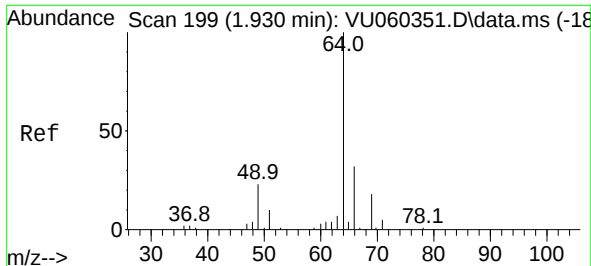
Tgt Ion: 94 Resp: 35773

Ion Ratio Lower Upper

94 100

96 93.6 63.2 117.4

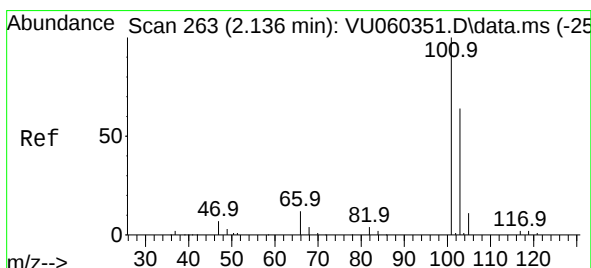
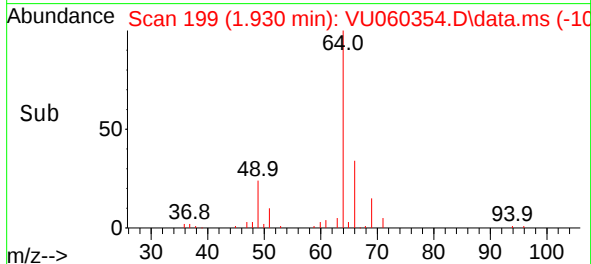
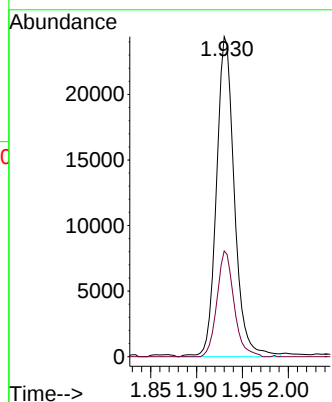
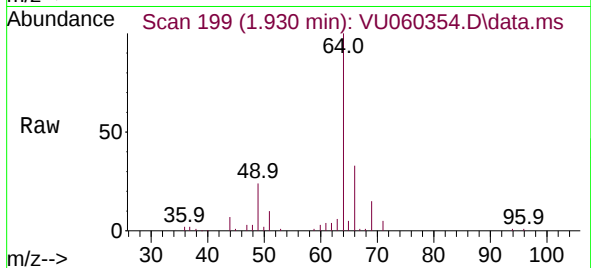




#8
Chloroethane
Concen: 4.967 ug/L
RT: 1.930 min Scan# 199
Delta R.T. 0.000 min
Lab File: VU060354.D
Acq: 08 Aug 2024 13:44

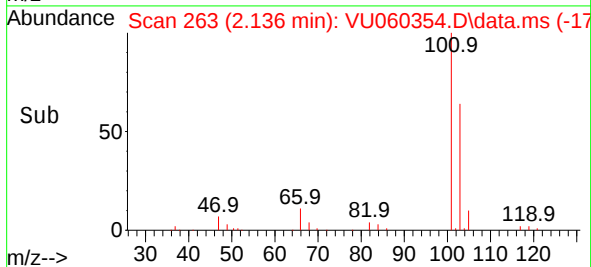
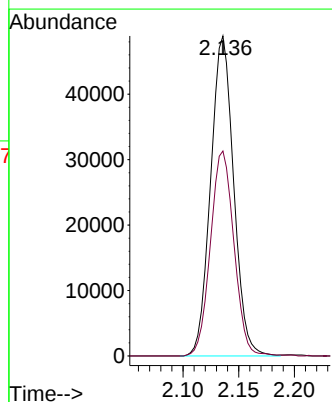
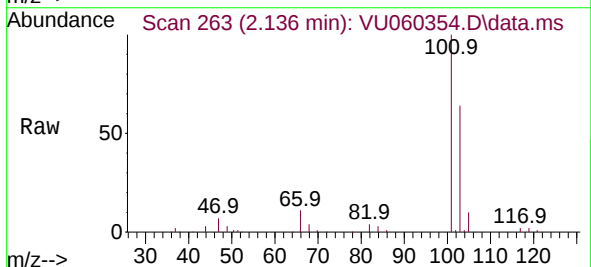
Instrument :
MSVOA_U
ClientSampleId :

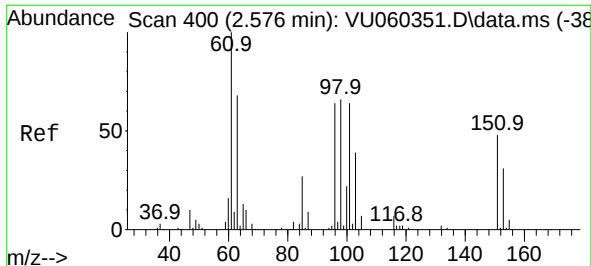
Tgt Ion: 64 Resp: 33221
Ion Ratio Lower Upper
64 100
66 33.1 22.2 41.2



#9
Trichlorofluoromethane
Concen: 5.087 ug/L
RT: 2.136 min Scan# 263
Delta R.T. 0.000 min
Lab File: VU060354.D
Acq: 08 Aug 2024 13:44

Tgt Ion:101 Resp: 70327
Ion Ratio Lower Upper
101 100
103 65.5 51.7 77.5

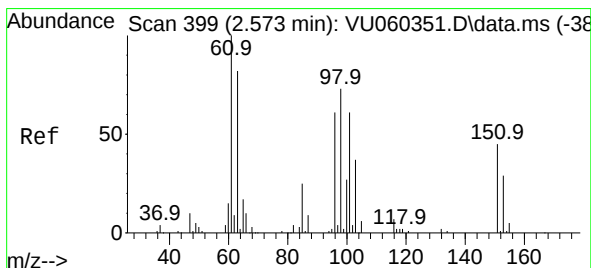
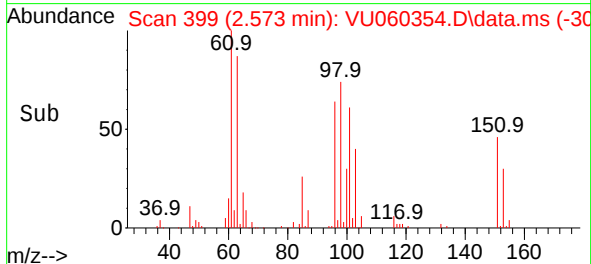
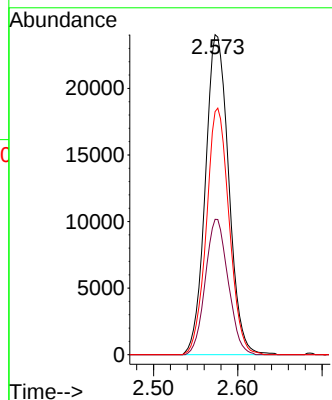
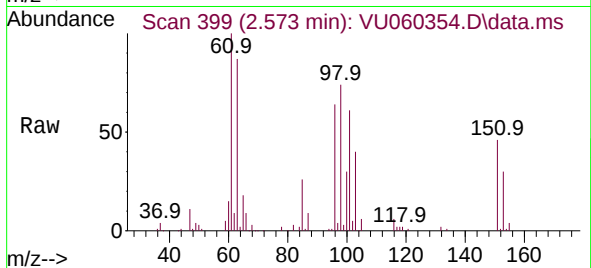




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.077 ug/L
RT: 2.573 min Scan# 30
Delta R.T. -0.003 min
Lab File: VU060354.D
Acq: 08 Aug 2024 13:44

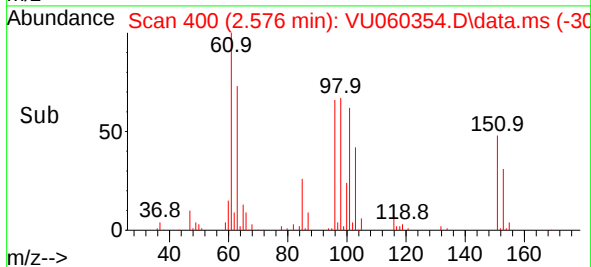
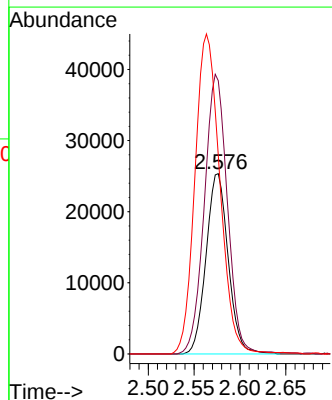
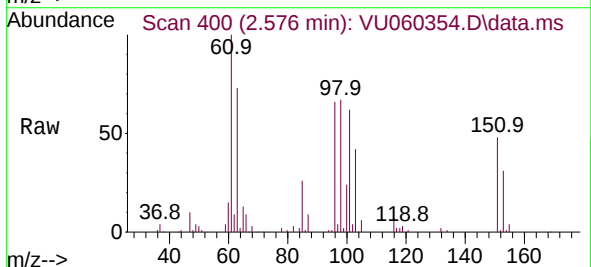
Instrument :
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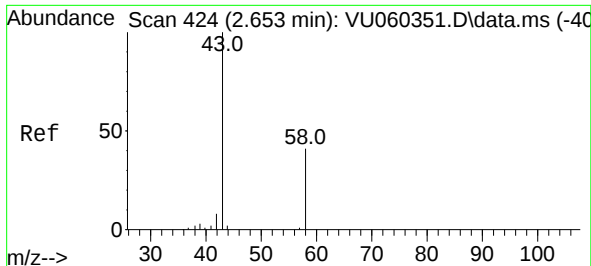
Tgt Ion:101 Resp: 46260
Ion Ratio Lower Upper
101 100
85 41.3 33.5 50.3
151 75.1 59.7 89.5



#12
1,1-Dichloroethene
Concen: 5.127 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.003 min
Lab File: VU060354.D
Acq: 08 Aug 2024 13:44

Tgt Ion: 96 Resp: 42436
Ion Ratio Lower Upper
96 100
61 151.5 114.4 212.4
63 110.2 96.0 178.4





#13

Acetone

Concen: 42.848 ug/L

RT: 2.657 min Scan# 41

Delta R.T. 0.003 min

Lab File: VU060354.D

Acq: 08 Aug 2024 13:44

Instrument :

MSVOA_U

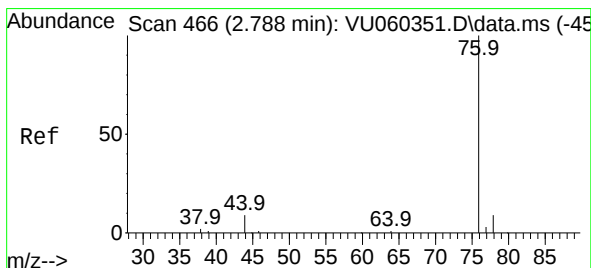
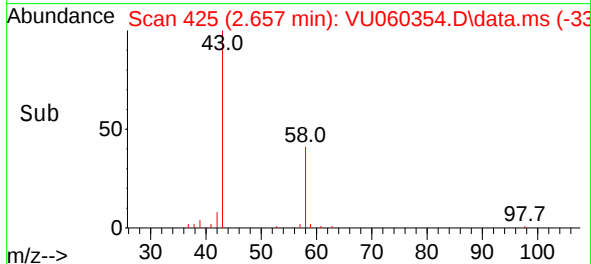
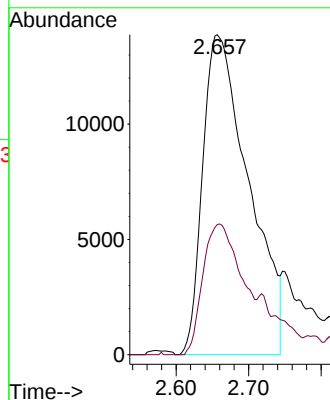
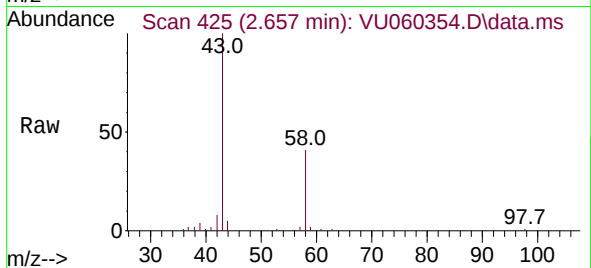
ClientSampleId :

Tgt Ion: 43 Resp: 61189

Ion Ratio Lower Upper

43 100

58 34.6 0.0 78.8



#14

Carbon disulfide

Concen: 5.112 ug/L

RT: 2.789 min Scan# 466

Delta R.T. 0.000 min

Lab File: VU060354.D

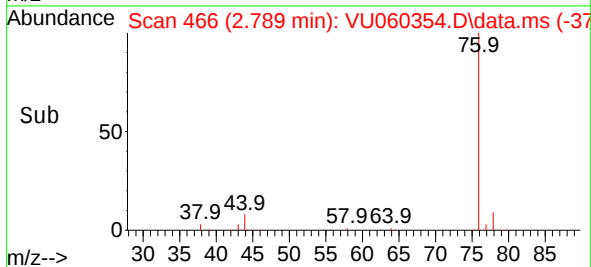
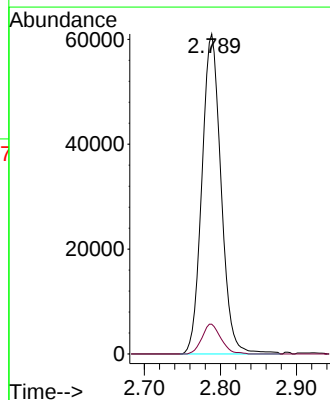
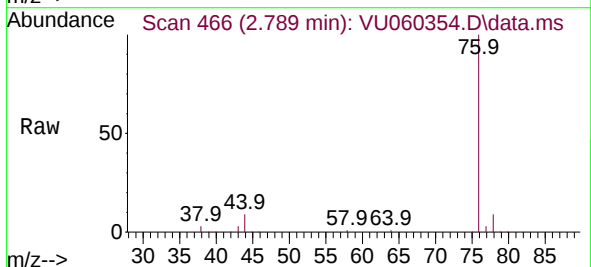
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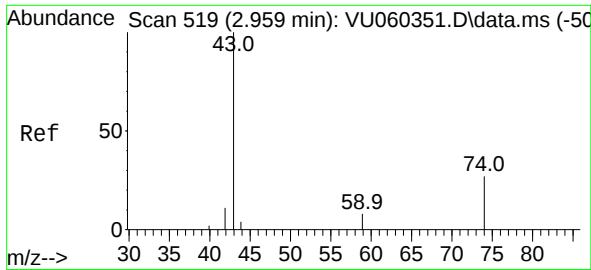
Tgt Ion: 76 Resp: 106750

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.0





#15

Methyl Acetate

Concen: 5.220 ug/L

RT: 2.962 min Scan# 519

Delta R.T. 0.003 min

Lab File: VU060354.D

Acq: 08 Aug 2024 13:44

Instrument :

MSVOA_U

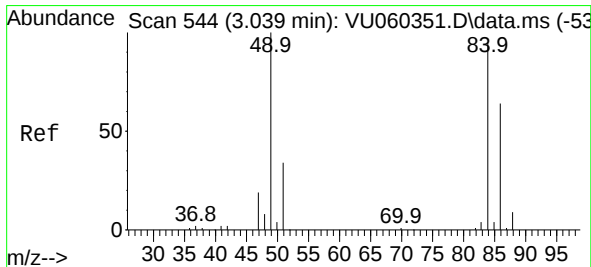
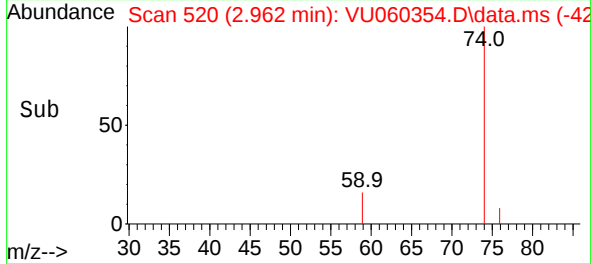
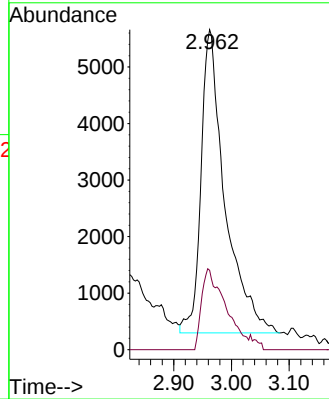
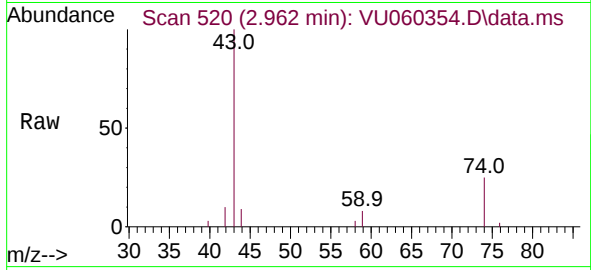
ClientSampleId :

Tgt Ion: 43 Resp: 15444

Ion Ratio Lower Upper

43 100

74 26.8 21.3 31.9



#16

Methylene chloride

Concen: 4.324 ug/L

RT: 3.039 min Scan# 544

Delta R.T. 0.000 min

Lab File: VU060354.D

Acq: 08 Aug 2024 13:44

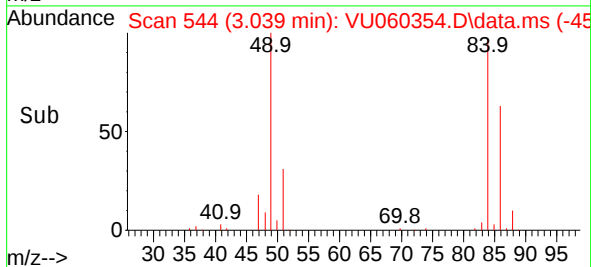
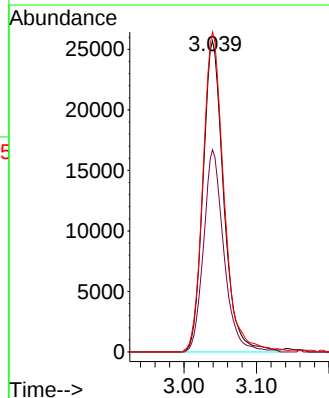
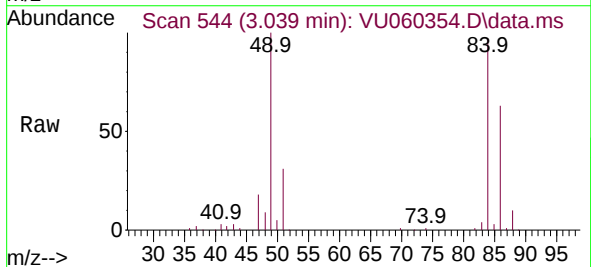
Tgt Ion: 84 Resp: 50883

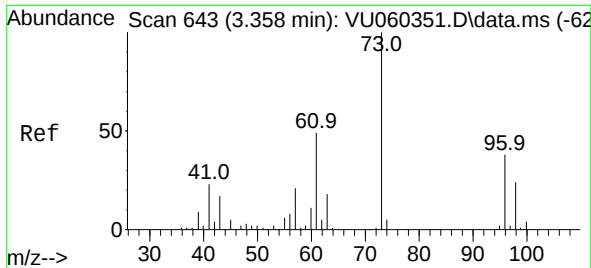
Ion Ratio Lower Upper

84 100

86 65.0 47.1 87.5

49 102.9 73.9 137.3

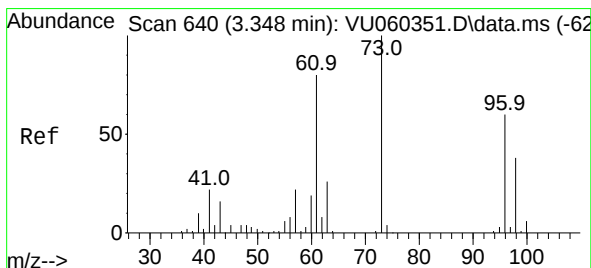
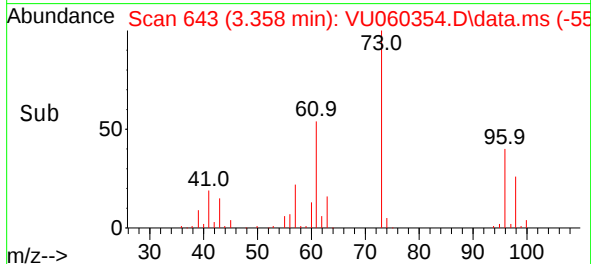
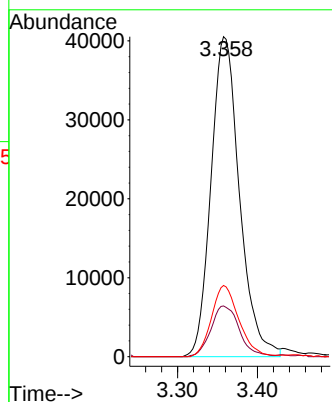
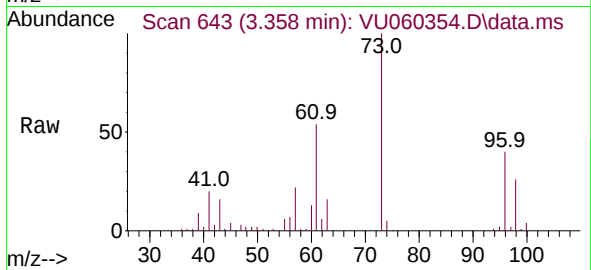




#17
Methyl tert-butyl Ether
Concen: 5.134 ug/L
RT: 3.358 min Scan# 643
Delta R.T. 0.000 min
Lab File: VU060354.D
Acq: 08 Aug 2024 13:44

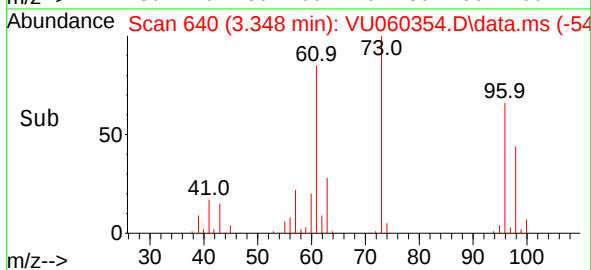
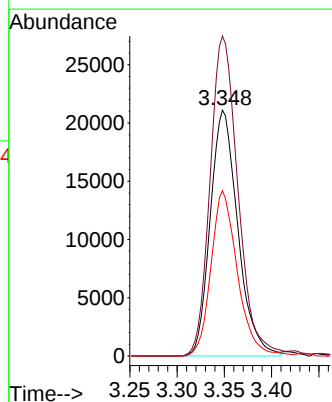
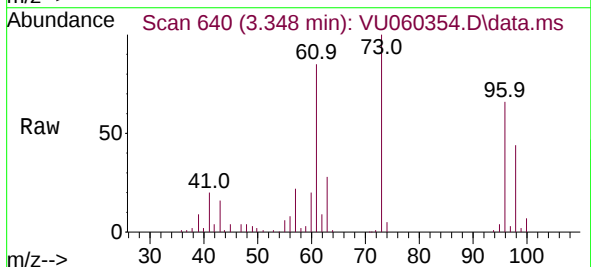
Instrument :
MSVOA_U
ClientSampleId :

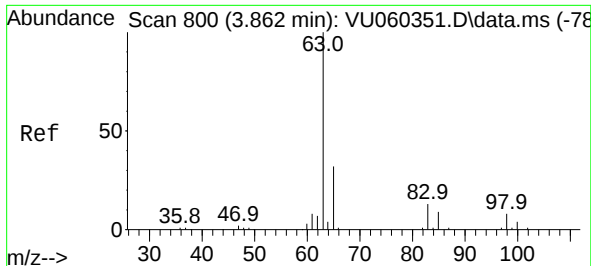
Tgt Ion: 73 Resp: 100192
Ion Ratio Lower Upper
73 100
43 15.8 12.8 19.2
57 21.4 17.5 26.3



#18
trans-1,2-Dichloroethene
Concen: 5.280 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.000 min
Lab File: VU060354.D
Acq: 08 Aug 2024 13:44

Tgt Ion: 96 Resp: 42870
Ion Ratio Lower Upper
96 100
61 130.2 93.7 174.1
98 67.3 44.7 82.9

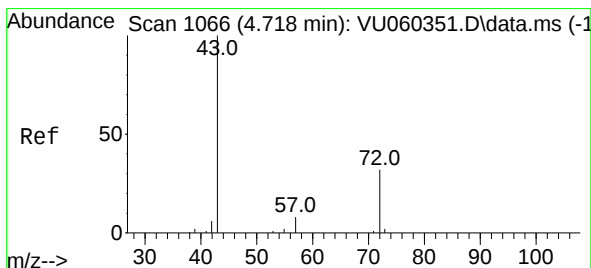
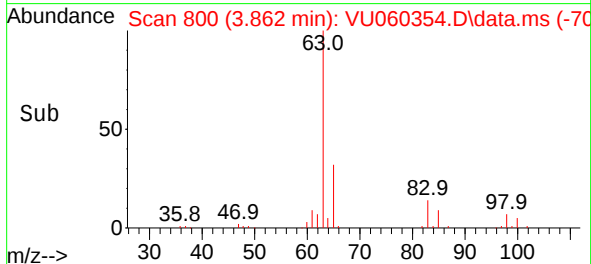
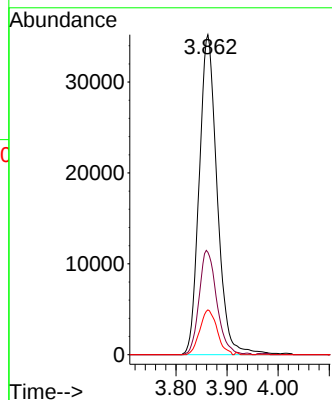
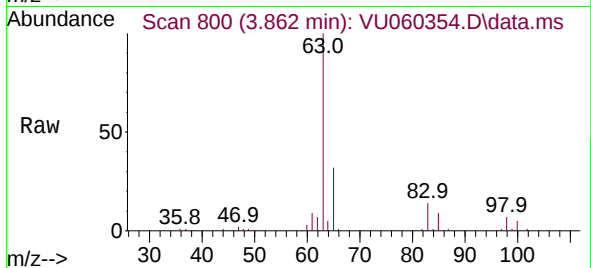




#19
1,1-Dichloroethane
Concen: 5.129 ug/L
RT: 3.862 min Scan# 800
Delta R.T. 0.000 min
Lab File: VU060354.D
Acq: 08 Aug 2024 13:44

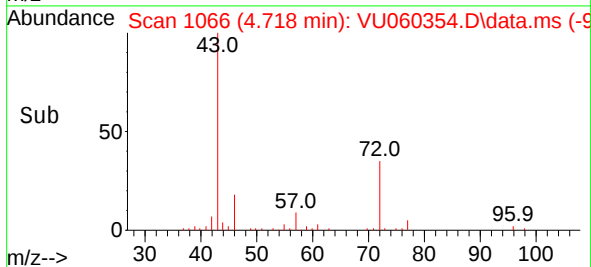
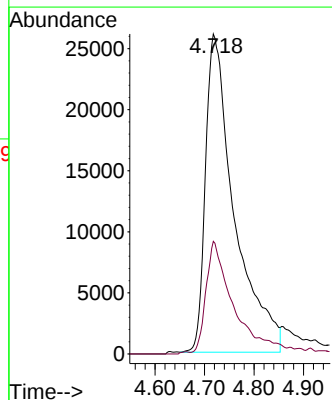
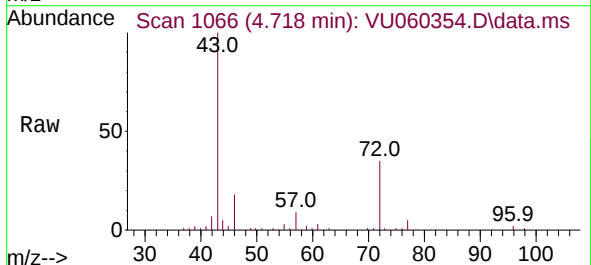
Instrument :
MSVOA_U
ClientSampleId :

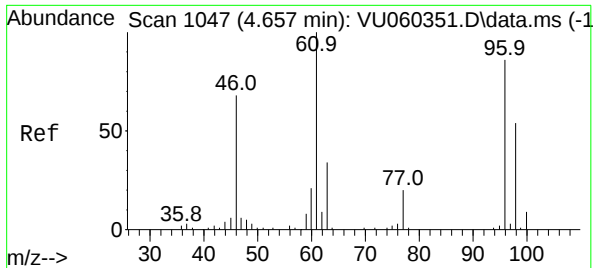
Tgt Ion: 63 Resp: 85987
Ion Ratio Lower Upper
63 100
65 32.0 22.2 41.2
83 14.0 9.1 16.9



#21
2-Butanone
Concen: 49.485 ug/L
RT: 4.718 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VU060354.D
Acq: 08 Aug 2024 13:44

Tgt Ion: 43 Resp: 105324
Ion Ratio Lower Upper
43 100
72 32.4 15.9 47.6





#22

cis-1,2-Dichloroethene

Concen: 5.178 ug/L

RT: 4.660 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU060354.D

Acq: 08 Aug 2024 13:44

Instrument :

MSVOA_U

ClientSampleId :

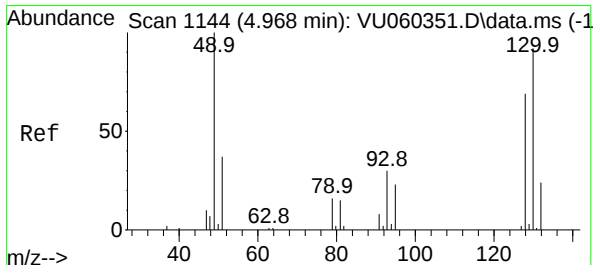
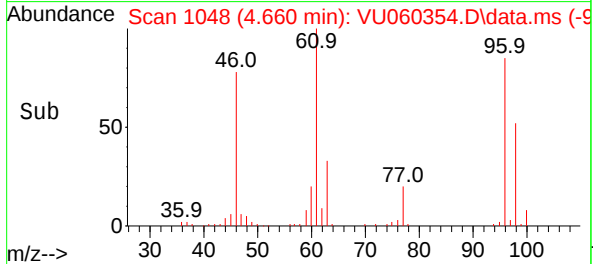
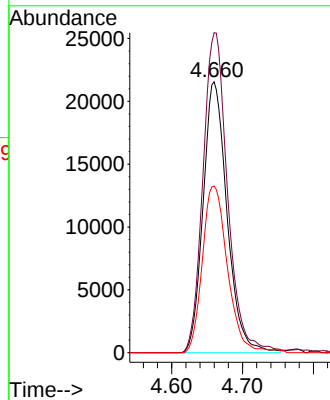
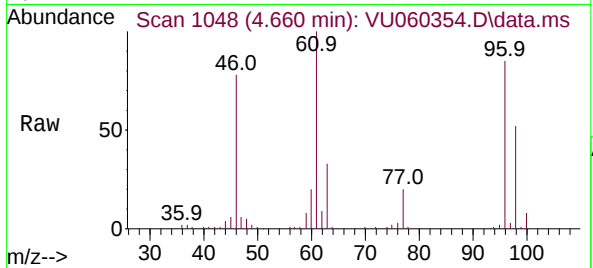
Tgt Ion: 96 Resp: 50754

Ion Ratio Lower Upper

96 100

61 118.1 81.5 151.5

98 61.5 43.5 80.7



#23

Bromochloromethane

Concen: 5.122 ug/L

RT: 4.968 min Scan# 1144

Delta R.T. 0.000 min

Lab File: VU060354.D

Acq: 08 Aug 2024 13:44

Tgt Ion:128 Resp: 23174

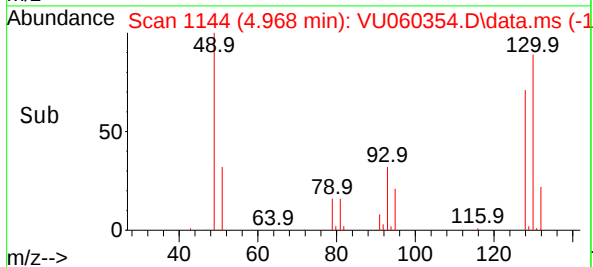
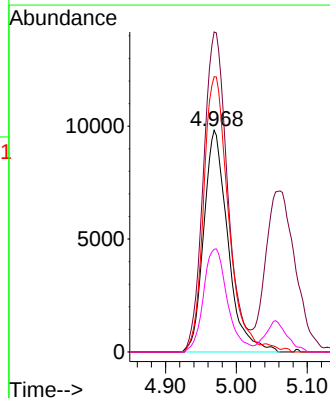
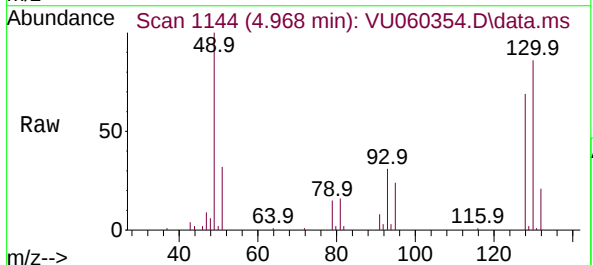
Ion Ratio Lower Upper

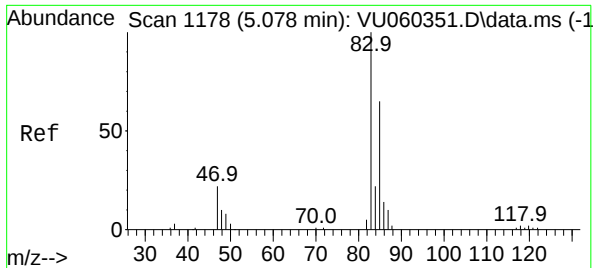
128 100

49 144.4 101.0 187.6

130 124.2 92.7 172.1

51 46.4 42.5 63.7





#25

Chloroform

Concen: 5.028 ug/L

RT: 5.081 min Scan# 1178

Delta R.T. 0.003 min

Lab File: VU060354.D

Acq: 08 Aug 2024 13:44

Instrument :

MSVOA_U

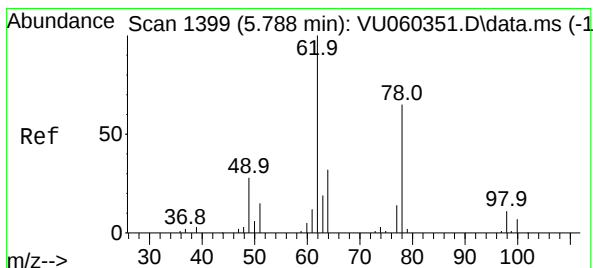
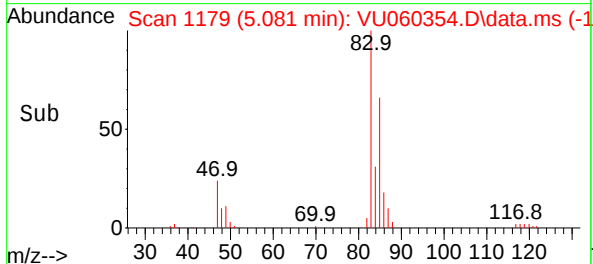
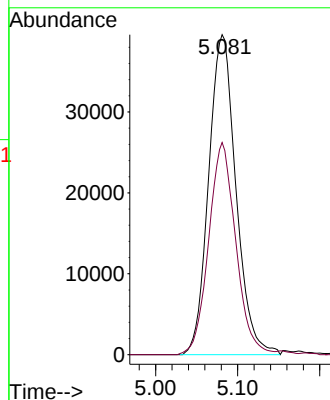
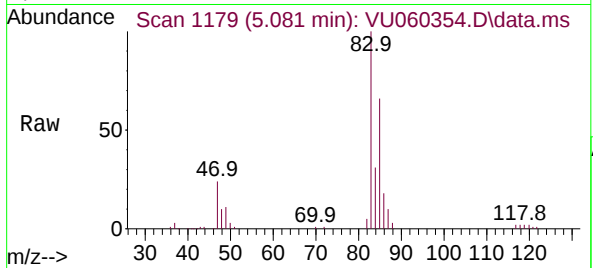
ClientSampleId :

Tgt Ion: 83 Resp: 91695

Ion Ratio Lower Upper

83 100

85 66.3 45.6 84.6



#27

1,2-Dichloroethane

Concen: 5.061 ug/L

RT: 5.788 min Scan# 1399

Delta R.T. 0.000 min

Lab File: VU060354.D

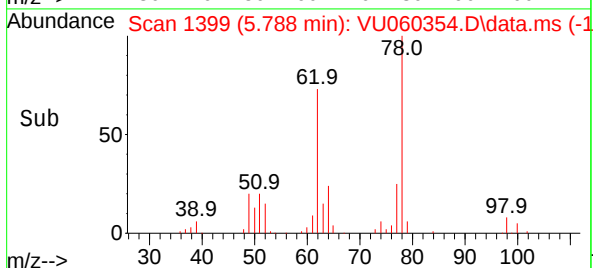
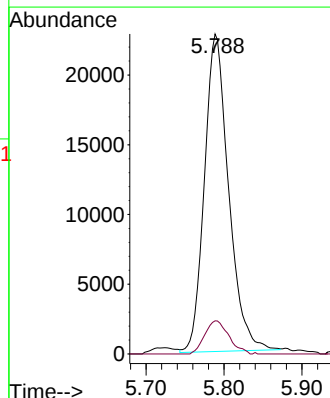
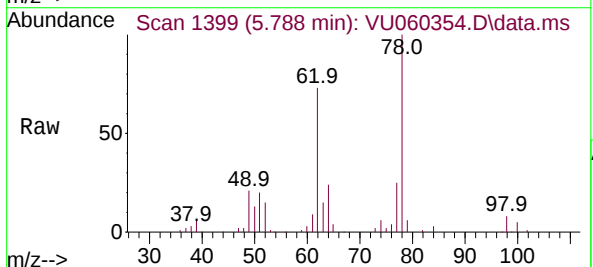
Acq: 08 Aug 2024 13:44

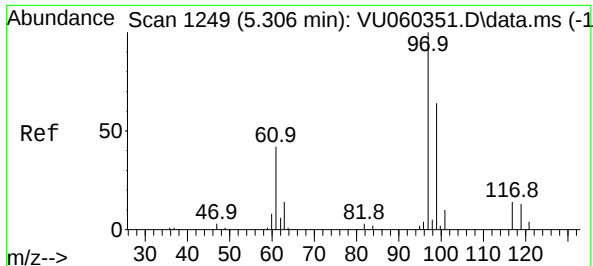
Tgt Ion: 62 Resp: 49088

Ion Ratio Lower Upper

62 100

98 10.4 9.0 13.6

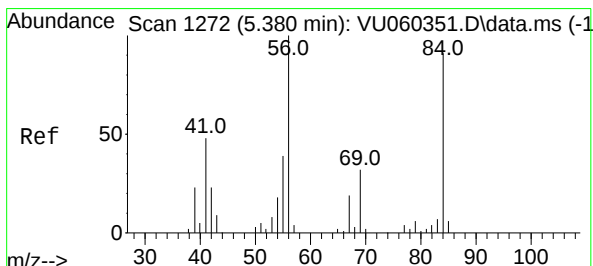
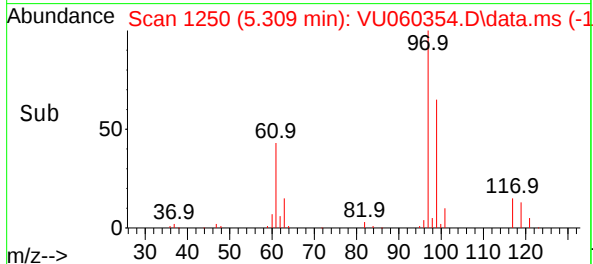
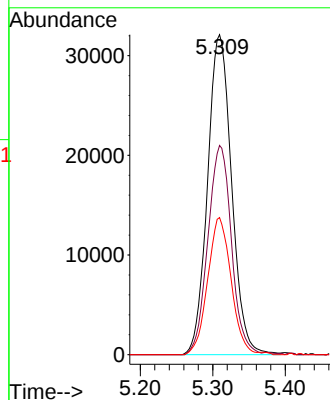
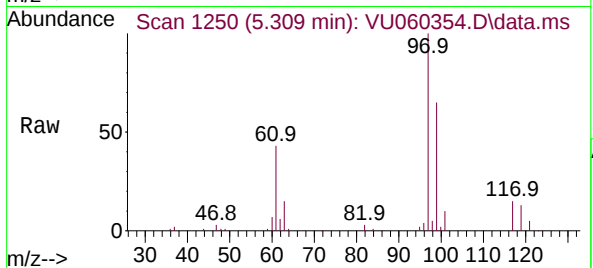




#29
1,1,1-Trichloroethane
Concen: 5.250 ug/L
RT: 5.309 min Scan# 1249
Delta R.T. 0.003 min
Lab File: VU060354.D
Acq: 08 Aug 2024 13:44

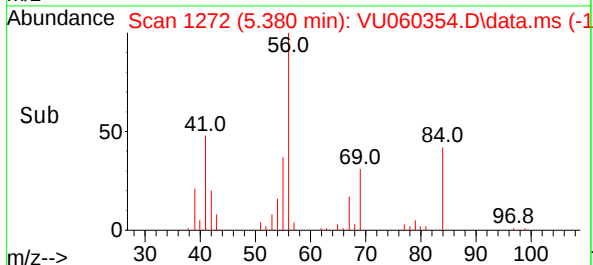
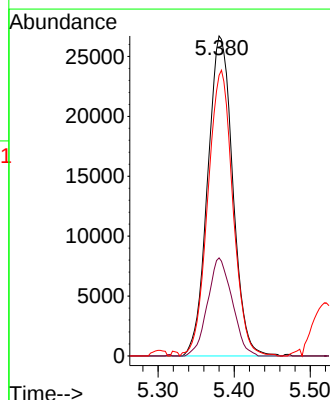
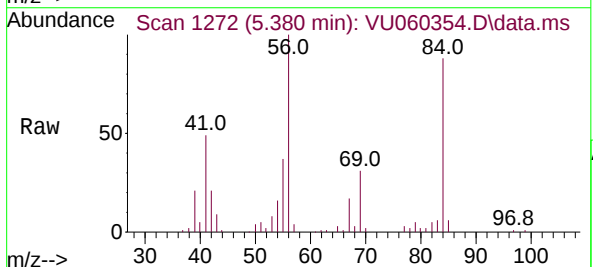
Instrument :
MSVOA_U
ClientSampleId :

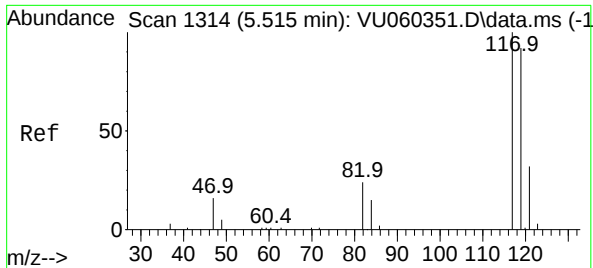
Tgt Ion: 97 Resp: 74122
Ion Ratio Lower Upper
97 100
99 63.9 51.4 77.2
61 41.6 33.0 49.6



#30
Cyclohexane
Concen: 5.364 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. 0.000 min
Lab File: VU060354.D
Acq: 08 Aug 2024 13:44

Tgt Ion: 56 Resp: 61308
Ion Ratio Lower Upper
56 100
69 30.0 24.7 37.1
84 88.9 70.7 106.1

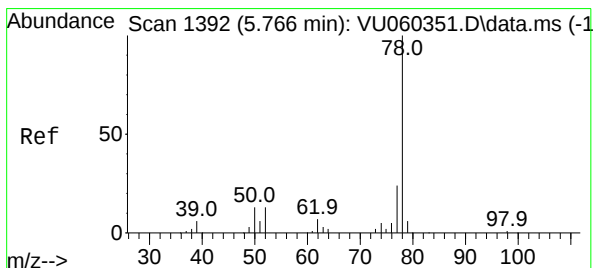
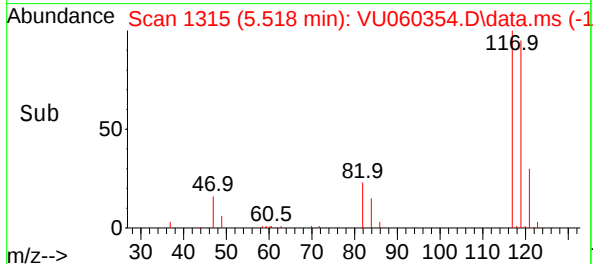
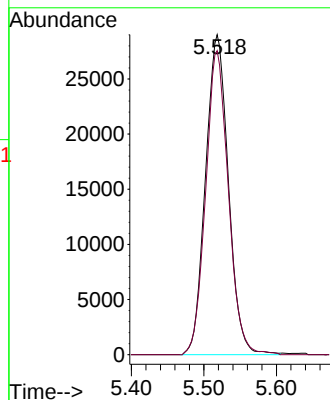
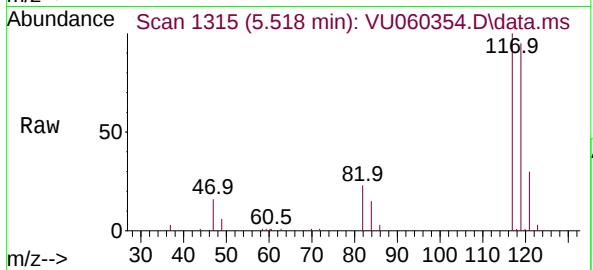




#31
Carbon tetrachloride
Concen: 5.146 ug/L
RT: 5.518 min Scan# 1314
Delta R.T. 0.003 min
Lab File: VU060354.D
Acq: 08 Aug 2024 13:44

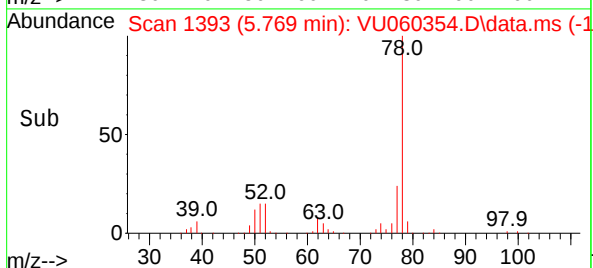
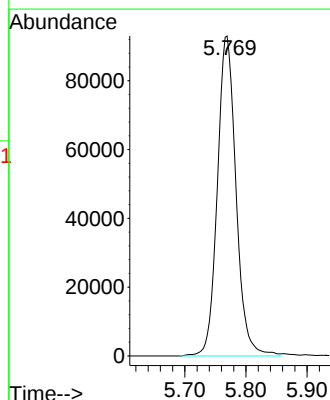
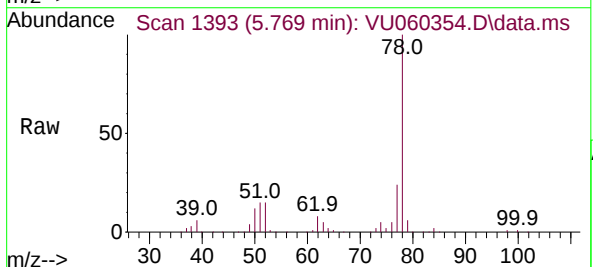
Instrument :
MSVOA_U
ClientSampleId :

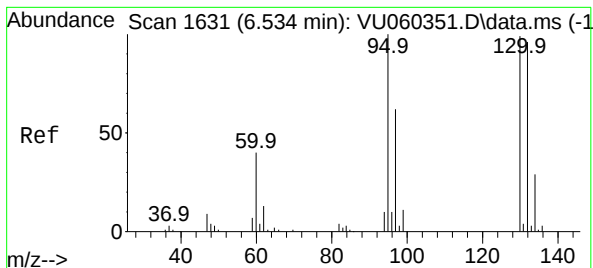
Tgt Ion:117 Resp: 63671
Ion Ratio Lower Upper
117 100
119 94.3 75.8 113.8



#33
Benzene
Concen: 5.320 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. 0.003 min
Lab File: VU060354.D
Acq: 08 Aug 2024 13:44

Tgt Ion: 78 Resp: 197548





#34

Trichloroethene

Concen: 5.355 ug/L

RT: 6.538 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU060354.D

Acq: 08 Aug 2024 13:44

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 52048

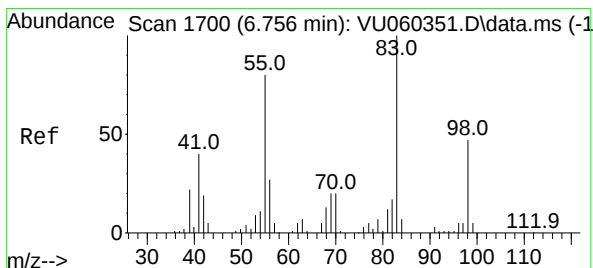
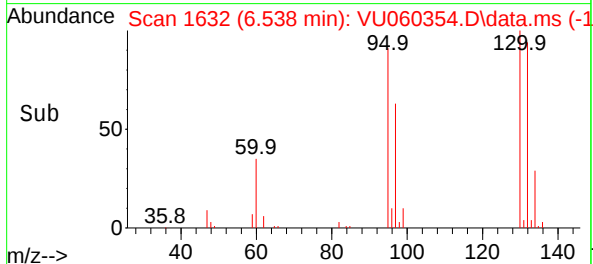
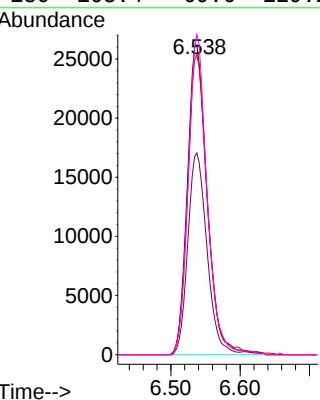
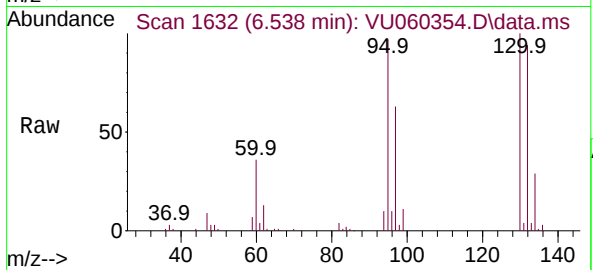
Ion Ratio Lower Upper

95 100

97 65.2 43.6 81.0

132 96.9 67.1 124.5

130 103.4 69.6 129.2



#35

Methylcyclohexane

Concen: 5.339 ug/L

RT: 6.756 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VU060354.D

Acq: 08 Aug 2024 13:44

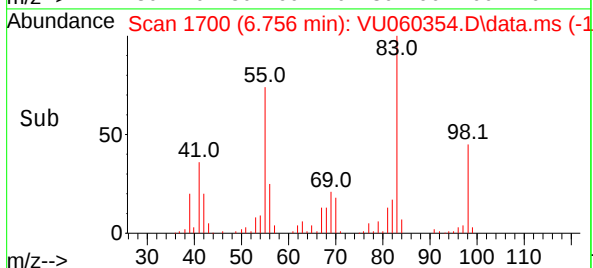
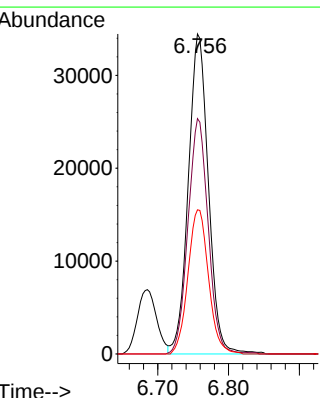
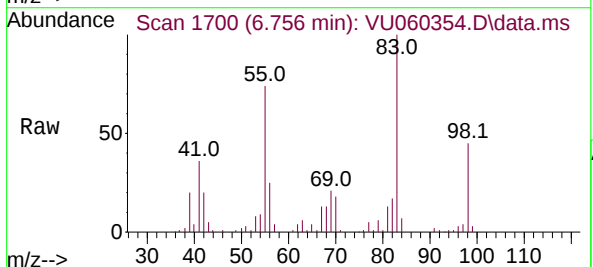
Tgt Ion: 83 Resp: 67757

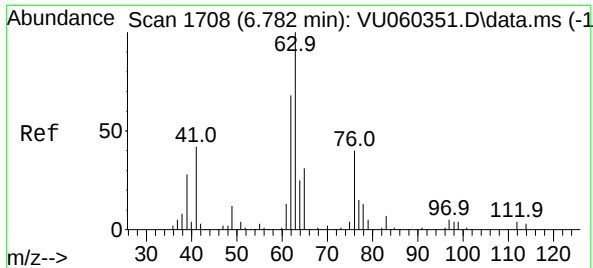
Ion Ratio Lower Upper

83 100

55 74.1 62.4 93.6

98 46.2 37.3 55.9

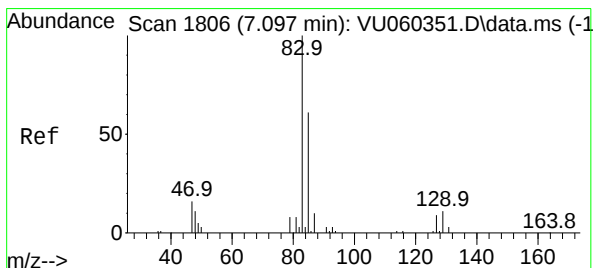
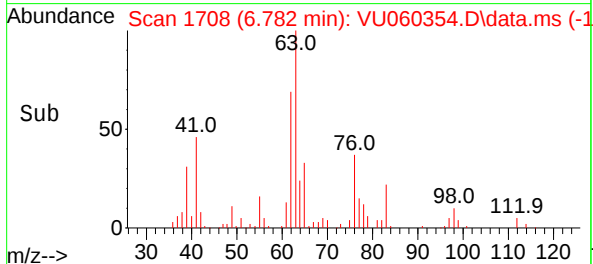
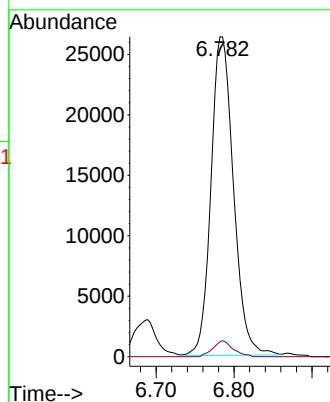
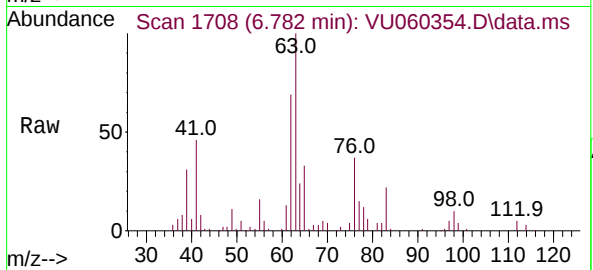




#37
1,2-Dichloropropane
Concen: 5.240 ug/L
RT: 6.782 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU060354.D
Acq: 08 Aug 2024 13:44

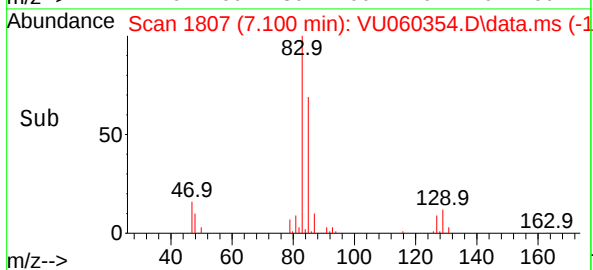
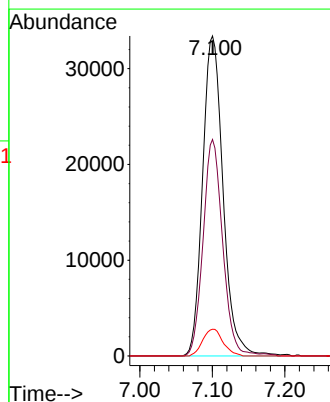
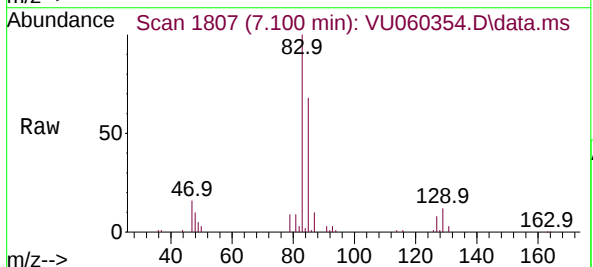
Instrument :
MSVOA_U
ClientSampleId :

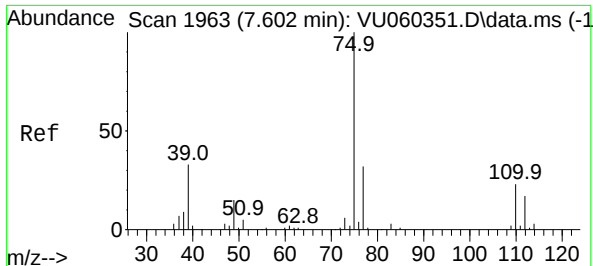
Tgt Ion: 63 Resp: 52957
Ion Ratio Lower Upper
63 100
112 4.4 3.3 4.9



#38
Bromodichloromethane
Concen: 5.250 ug/L
RT: 7.100 min Scan# 1807
Delta R.T. 0.003 min
Lab File: VU060354.D
Acq: 08 Aug 2024 13:44

Tgt Ion: 83 Resp: 65576
Ion Ratio Lower Upper
83 100
85 67.7 42.4 78.8
127 8.4 7.0 10.4

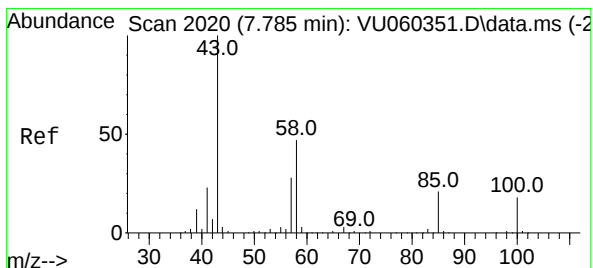
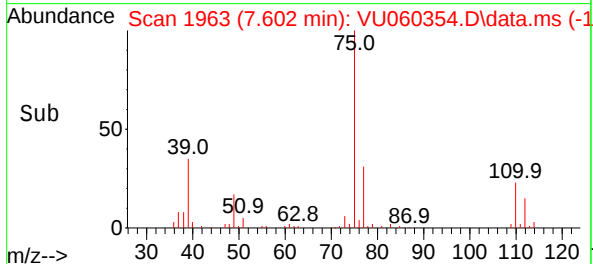
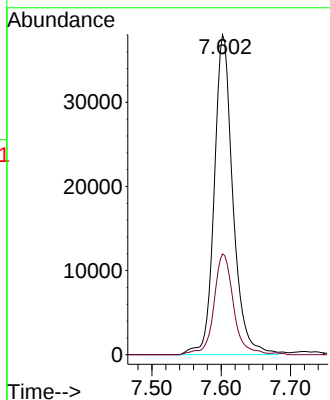
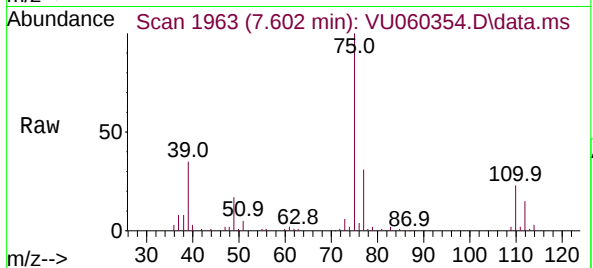




#39
 cis-1,3-Dichloropropene
 Concen: 5.199 ug/L
 RT: 7.602 min Scan# 1963
 Delta R.T. 0.000 min
 Lab File: VU060354.D
 Acq: 08 Aug 2024 13:44

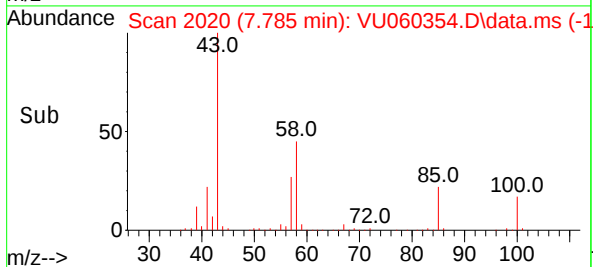
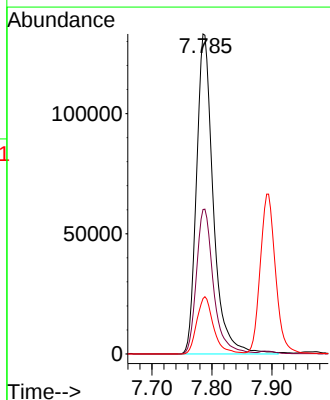
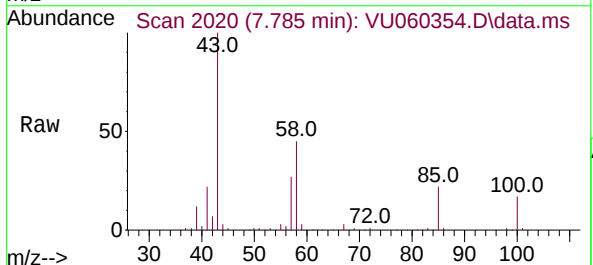
Instrument :
 MSVOA_U
 ClientSampleId :

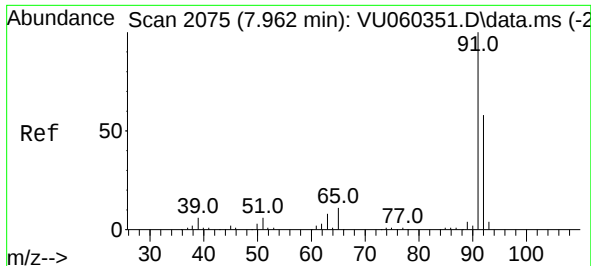
Tgt Ion: 75 Resp: 71367
 Ion Ratio Lower Upper
 75 100
 77 31.5 22.5 41.9



#40
 4-Methyl-2-pentanone
 Concen: 55.060 ug/L
 RT: 7.785 min Scan# 2020
 Delta R.T. 0.000 min
 Lab File: VU060354.D
 Acq: 08 Aug 2024 13:44

Tgt Ion: 43 Resp: 259731
 Ion Ratio Lower Upper
 43 100
 58 46.0 36.6 55.0
 100 17.8 14.1 21.1





#42

Toluene

Concen: 5.504 ug/L

RT: 7.965 min Scan# 2075

Delta R.T. 0.003 min

Lab File: VU060354.D

Acq: 08 Aug 2024 13:44

Instrument :

MSVOA_U

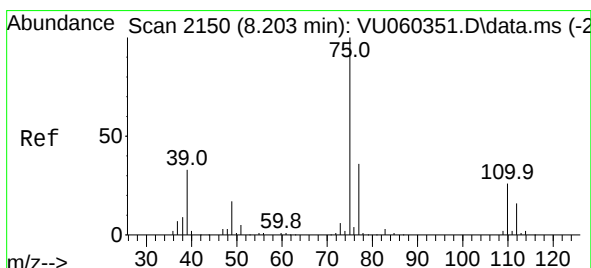
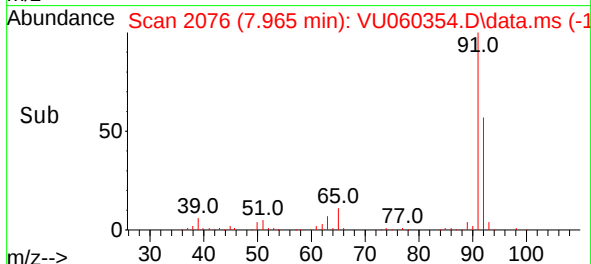
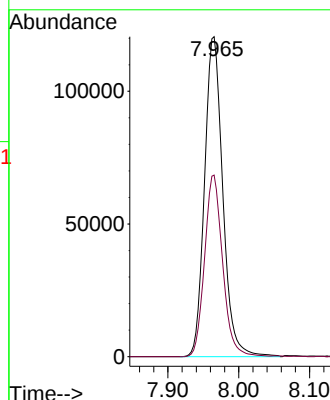
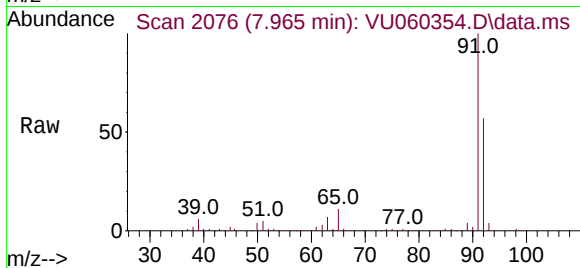
ClientSampleId :

Tgt Ion: 91 Resp: 215963

Ion Ratio Lower Upper

91 100

92 56.8 40.6 75.4



#44

trans-1,3-Dichloropropene

Concen: 5.203 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. 0.003 min

Lab File: VU060354.D

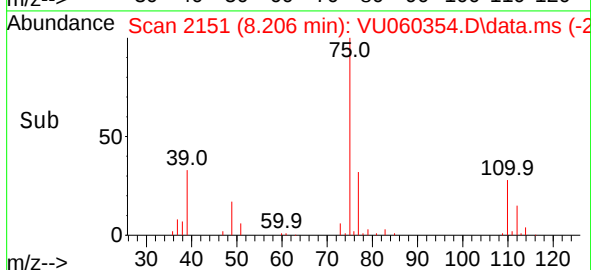
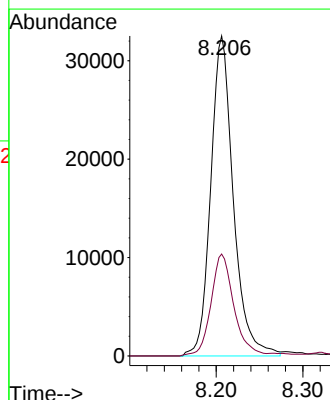
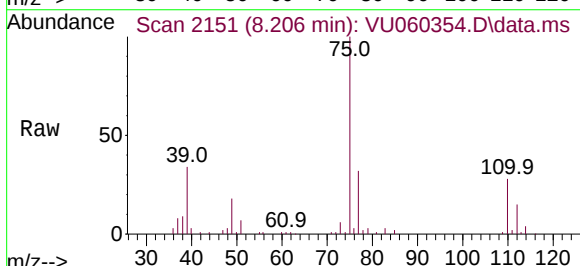
Acq: 08 Aug 2024 13:44

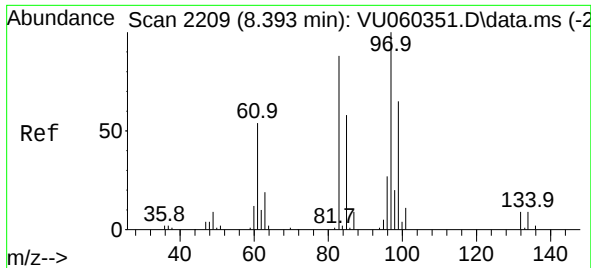
Tgt Ion: 75 Resp: 59001

Ion Ratio Lower Upper

75 100

77 31.9 25.0 46.4

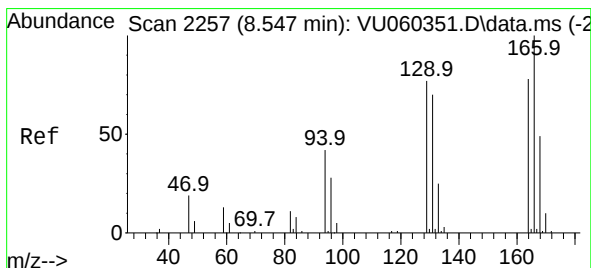
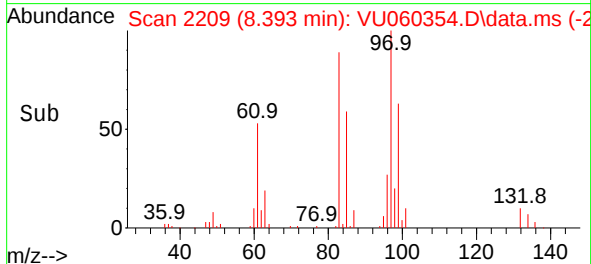
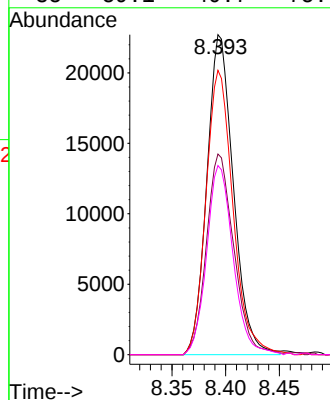
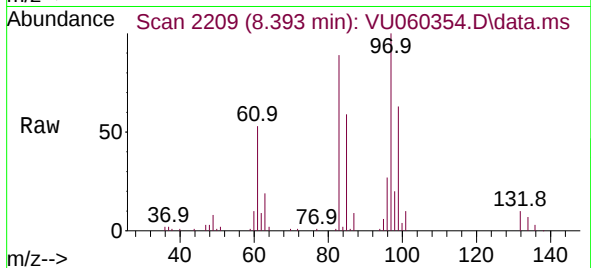




#45
1,1,2-Trichloroethane
Concen: 5.041 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. 0.000 min
Lab File: VU060354.D
Acq: 08 Aug 2024 13:44

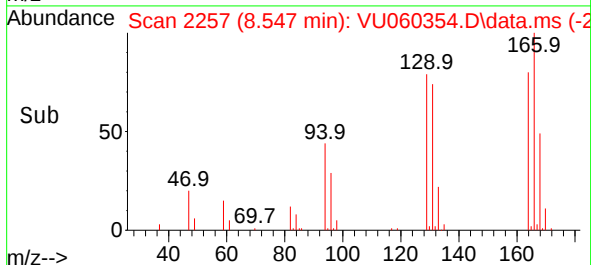
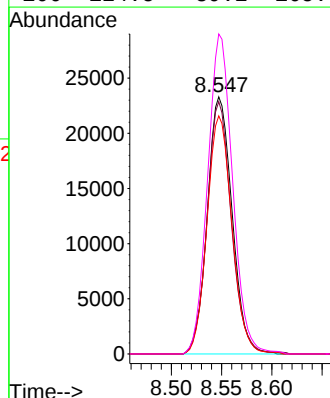
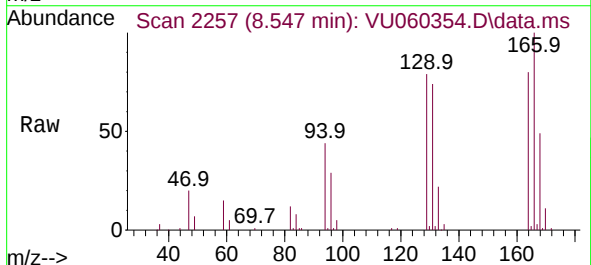
Instrument :
MSVOA_U
ClientSampleId :

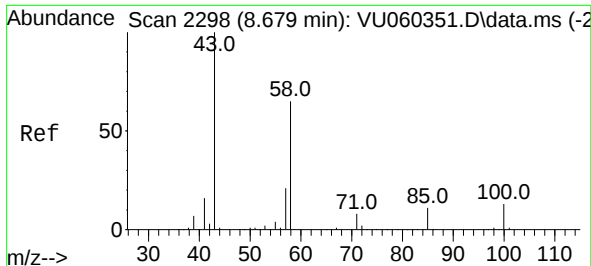
Tgt Ion:	97	Resp:	39014
Ion	Ratio	Lower	Upper
97	100		
99	62.7	45.8	85.0
83	88.9	61.7	114.5
85	59.1	40.7	75.7



#47
Tetrachloroethene
Concen: 5.265 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU060354.D
Acq: 08 Aug 2024 13:44

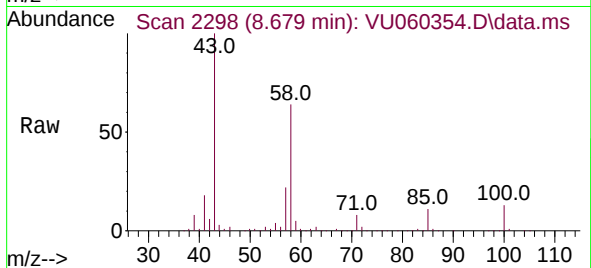
Tgt Ion:	164	Resp:	40027
Ion	Ratio	Lower	Upper
164	100		
129	98.1	69.0	128.1
131	92.6	62.6	116.3
166	124.5	89.2	165.8



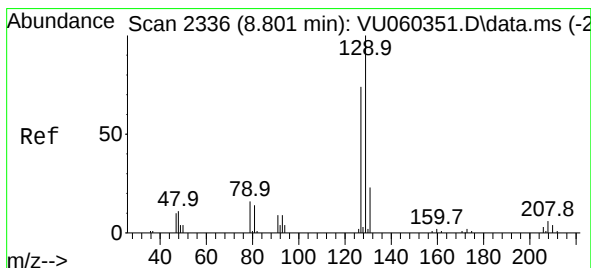
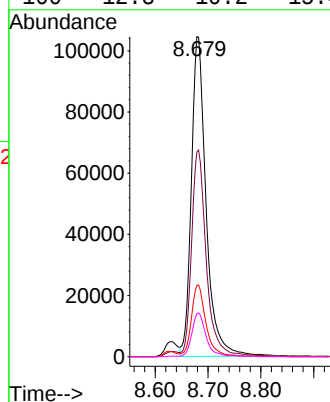
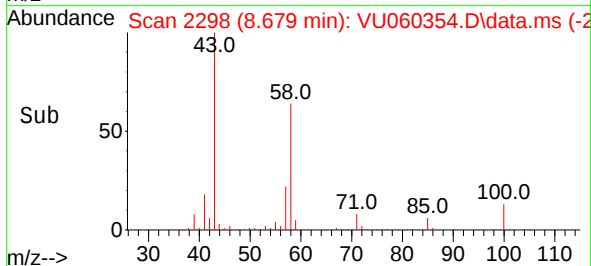


#48
2-Hexanone
Concen: 56.782 ug/L
RT: 8.679 min Scan# 2298
Delta R.T. 0.000 min
Lab File: VU060354.D
Acq: 08 Aug 2024 13:44

Instrument :
MSVOA_U
ClientSampleId :

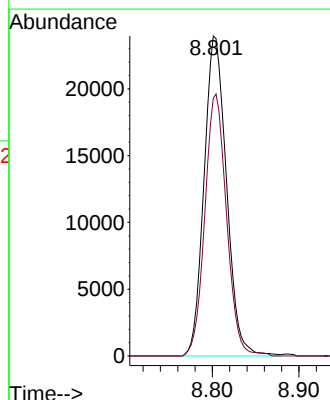
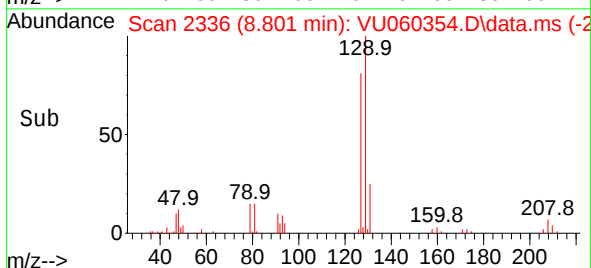
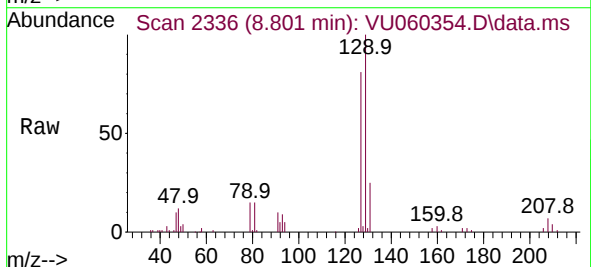


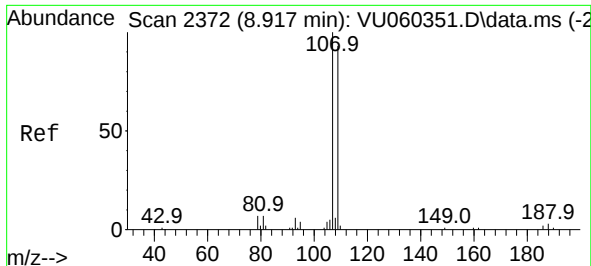
Tgt Ion: 43 Resp: 203056
Ion Ratio Lower Upper
43 100
58 64.2 50.9 76.3
57 21.8 17.4 26.0
100 12.8 10.2 15.4



#49
Dibromochloromethane
Concen: 5.244 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VU060354.D
Acq: 08 Aug 2024 13:44

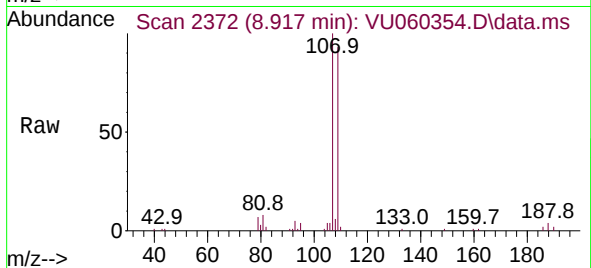
Tgt Ion: 129 Resp: 43158
Ion Ratio Lower Upper
129 100
127 80.6 51.9 96.3



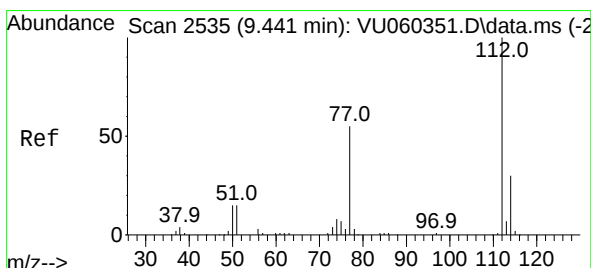
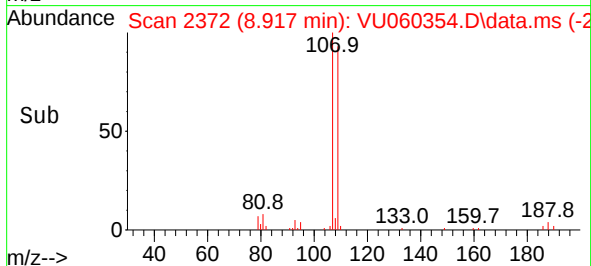
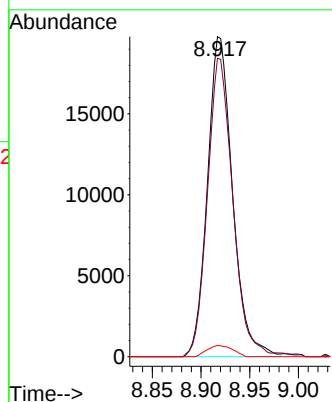


#50
1,2-Dibromoethane
Concen: 5.142 ug/L
RT: 8.917 min Scan# 2372
Delta R.T. 0.000 min
Lab File: VU060354.D
Acq: 08 Aug 2024 13:44

Instrument :
MSVOA_U
ClientSampleId :

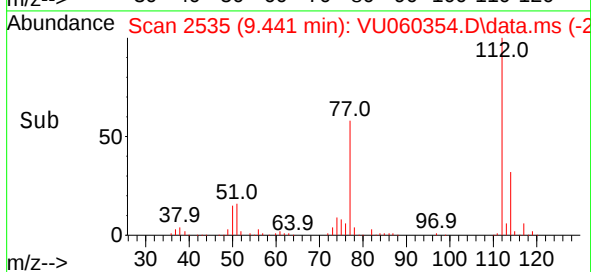
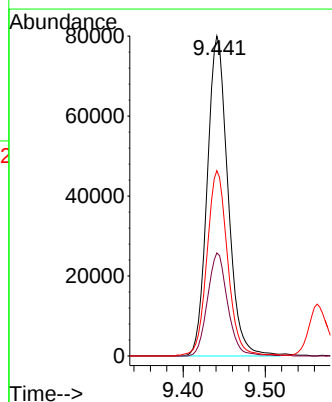
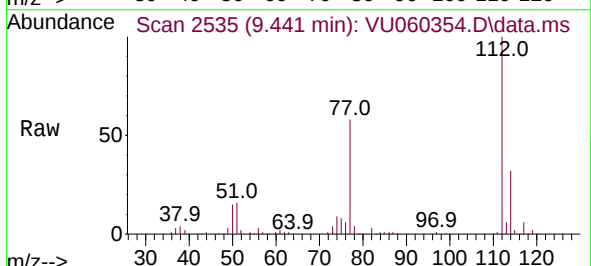


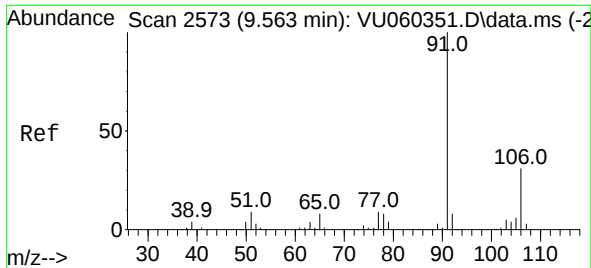
Tgt Ion:107 Resp: 35429
Ion Ratio Lower Upper
107 100
109 93.2 64.8 120.3
188 3.5 2.6 3.8



#51
Chlorobenzene
Concen: 5.309 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. 0.000 min
Lab File: VU060354.D
Acq: 08 Aug 2024 13:44

Tgt Ion:112 Resp: 140532
Ion Ratio Lower Upper
112 100
114 32.2 21.3 39.5
77 57.9 44.6 67.0





#52

Ethylbenzene

Concen: 5.375 ug/L

RT: 9.563 min Scan# 2573

Delta R.T. 0.000 min

Lab File: VU060354.D

Acq: 08 Aug 2024 13:44

Instrument :

MSVOA_U

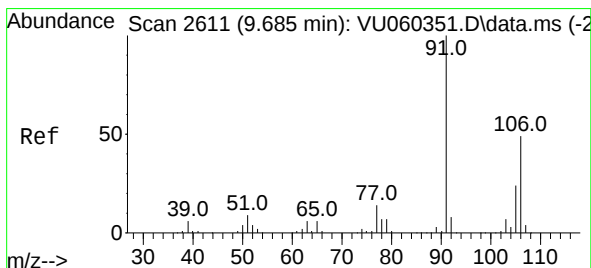
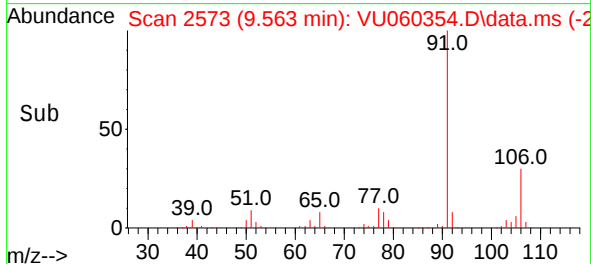
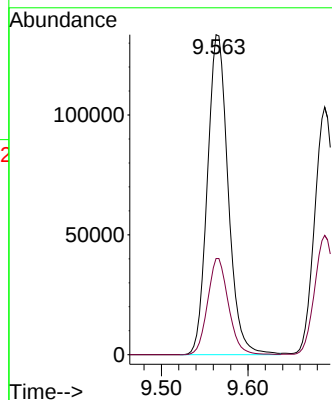
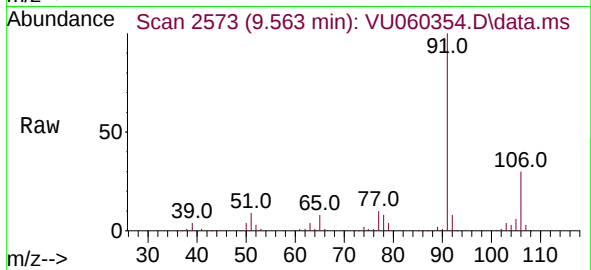
ClientSampleId :

Tgt Ion: 91 Resp: 222186

Ion Ratio Lower Upper

91 100

106 30.1 21.6 40.2



#53

m,p-Xylene

Concen: 5.429 ug/L

RT: 9.689 min Scan# 2612

Delta R.T. 0.003 min

Lab File: VU060354.D

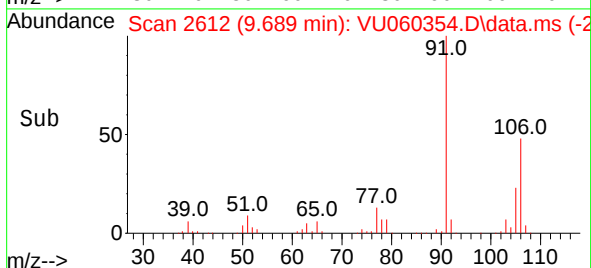
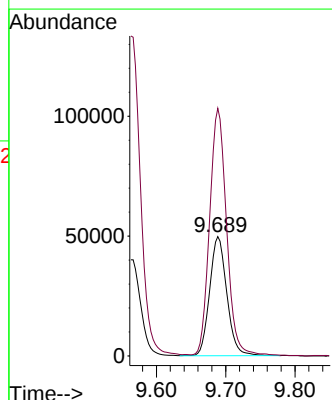
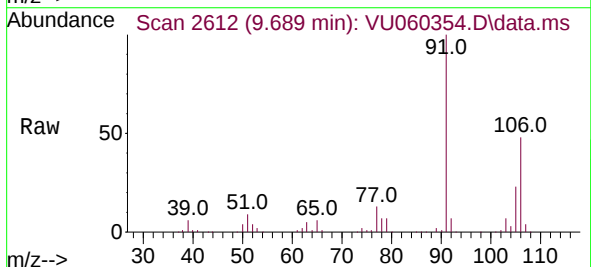
Acq: 08 Aug 2024 13:44

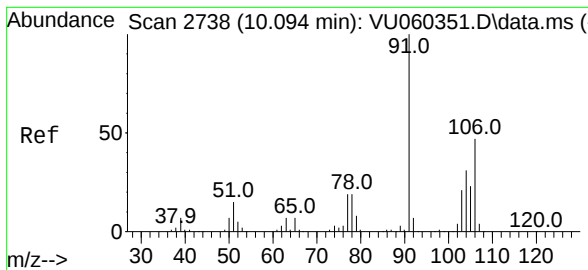
Tgt Ion:106 Resp: 85297

Ion Ratio Lower Upper

106 100

91 207.4 143.2 266.0

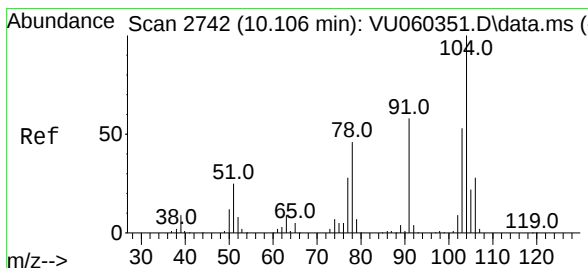
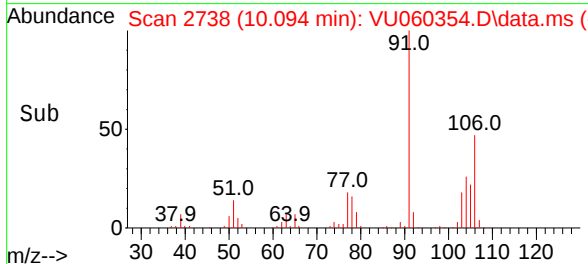
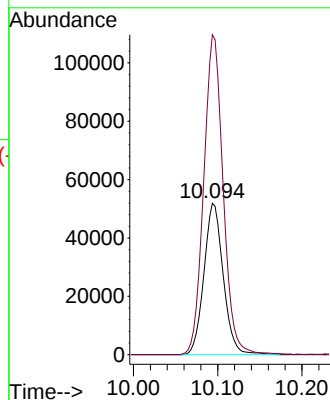
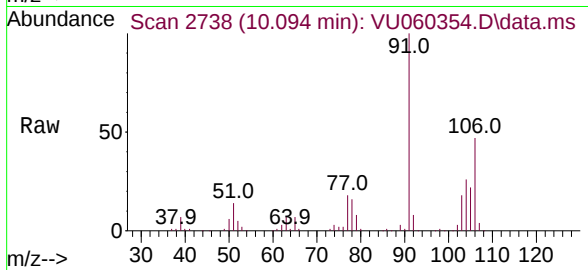




#54
o-Xylene
Concen: 5.507 ug/L
RT: 10.094 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU060354.D
Acq: 08 Aug 2024 13:44

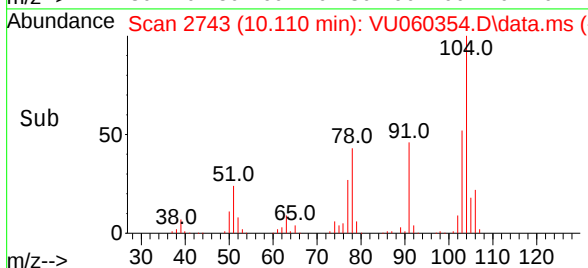
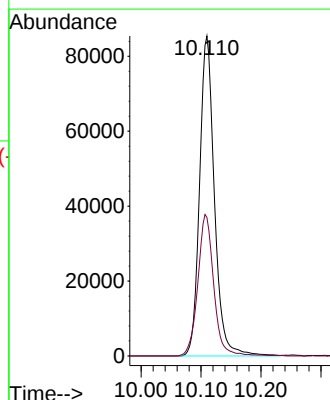
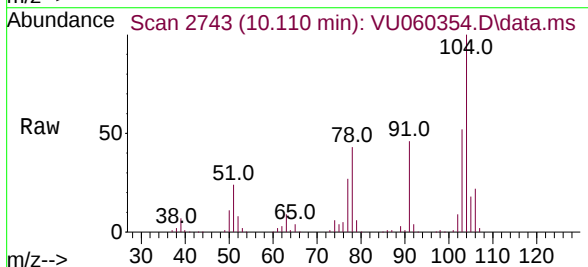
Instrument :
MSVOA_U
ClientSampleId :

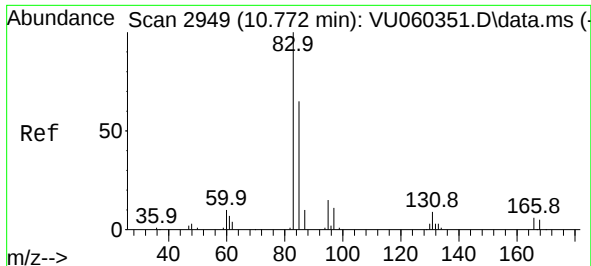
Tgt Ion:106 Resp: 82794
Ion Ratio Lower Upper
106 100
91 211.4 150.2 279.0



#55
Styrene
Concen: 5.675 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. 0.003 min
Lab File: VU060354.D
Acq: 08 Aug 2024 13:44

Tgt Ion:104 Resp: 147605
Ion Ratio Lower Upper
104 100
78 43.3 32.1 59.7





#57

1,1,2,2-Tetrachloroethane

Concen: 5.123 ug/L

RT: 10.775 min Scan# 2949

Delta R.T. 0.003 min

Lab File: VU060354.D

Acq: 08 Aug 2024 13:44

Instrument :

MSVOA_U

ClientSampleId :

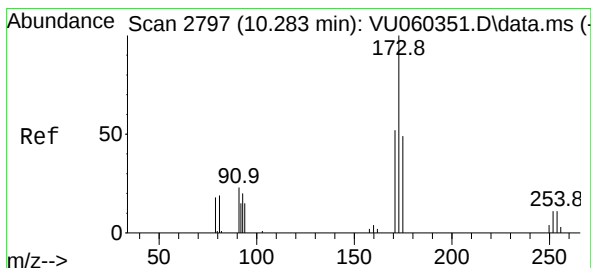
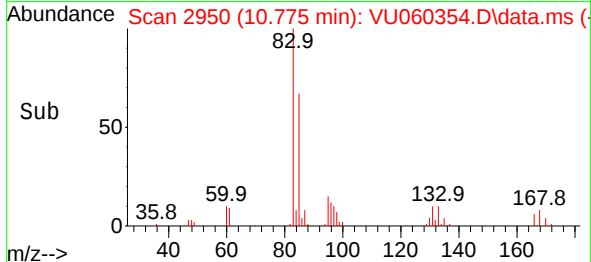
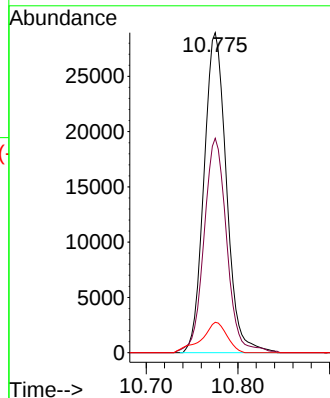
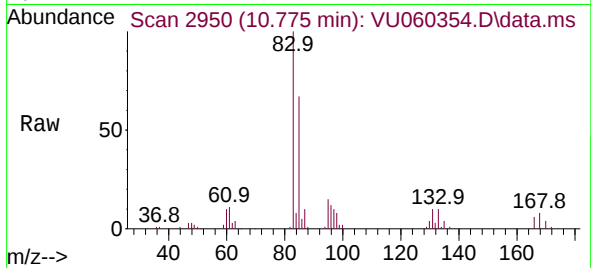
Tgt Ion: 83 Resp: 49307

Ion Ratio Lower Upper

83 100

85 67.0 46.1 85.5

131 9.5 7.6 11.4



#59

Bromoform

Concen: 5.263 ug/L

RT: 10.283 min Scan# 2797

Delta R.T. 0.000 min

Lab File: VU060354.D

Acq: 08 Aug 2024 13:44

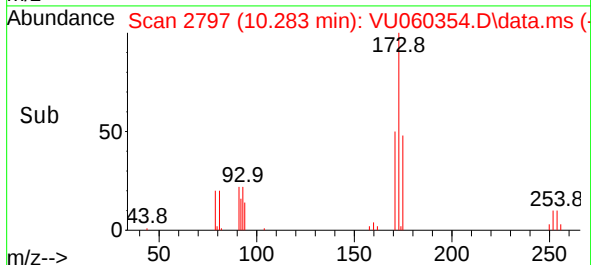
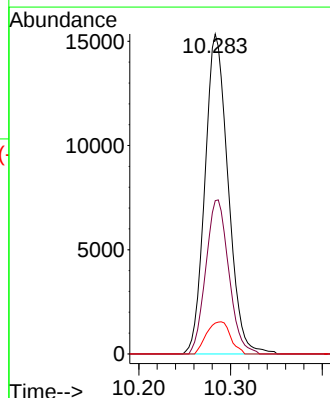
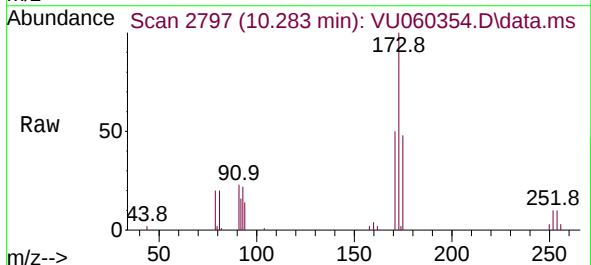
Tgt Ion:173 Resp: 26912

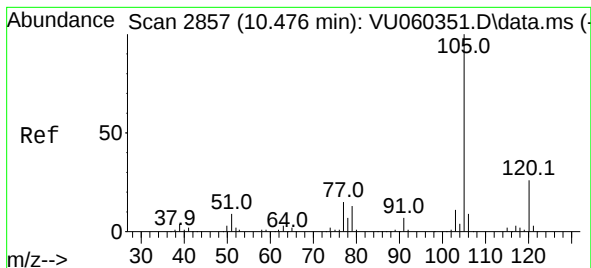
Ion Ratio Lower Upper

173 100

175 47.8 39.7 59.5

254 10.3 8.2 12.4





#60

Isopropylbenzene

Concen: 5.494 ug/L

RT: 10.480 min Scan# 2857

Delta R.T. 0.003 min

Lab File: VU060354.D

Acq: 08 Aug 2024 13:44

Instrument :

MSVOA_U

ClientSampleId :

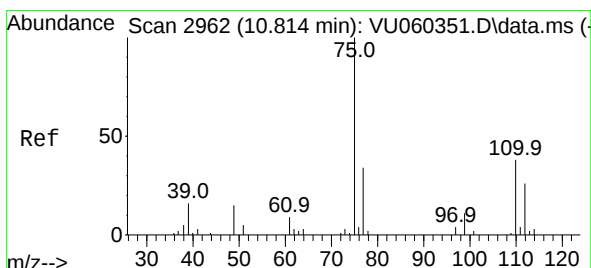
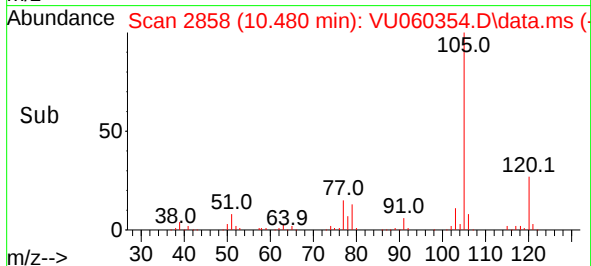
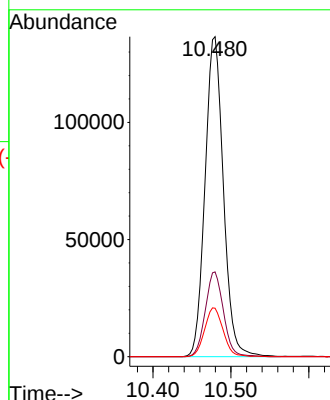
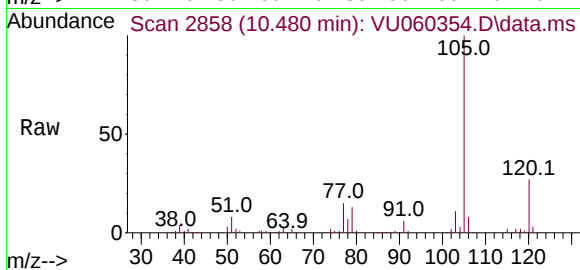
Tgt Ion:105 Resp: 223398

Ion Ratio Lower Upper

105 100

120 26.2 21.0 31.6

77 15.4 12.6 19.0



#61

1,2,3-Trichloropropane

Concen: 5.087 ug/L

RT: 10.817 min Scan# 2963

Delta R.T. 0.003 min

Lab File: VU060354.D

Acq: 08 Aug 2024 13:44

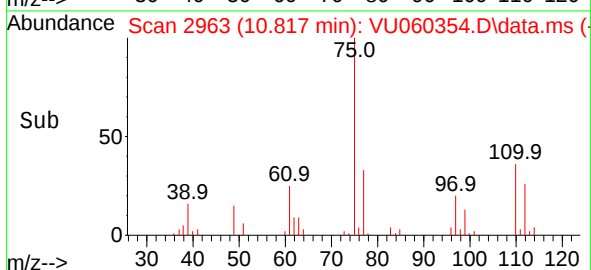
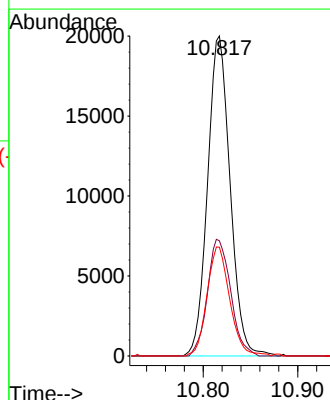
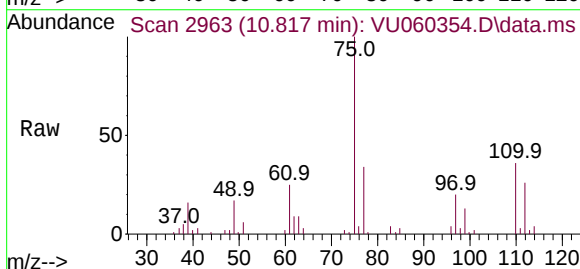
Tgt Ion: 75 Resp: 33165

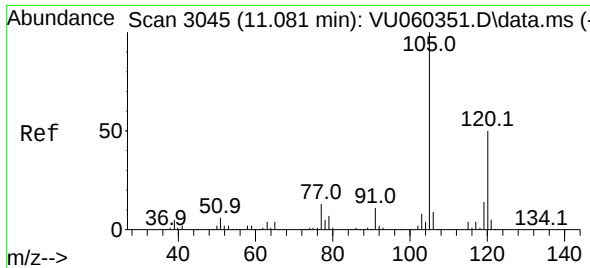
Ion Ratio Lower Upper

75 100

110 37.6 29.9 44.9

77 34.4 27.0 40.6

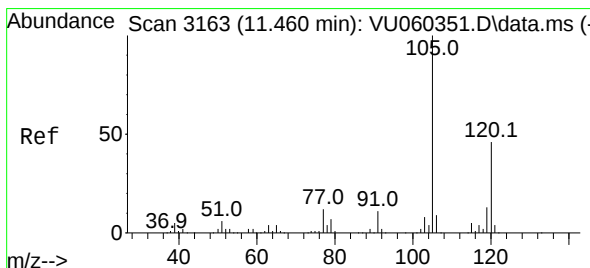
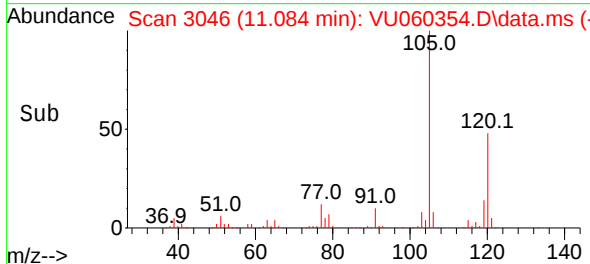
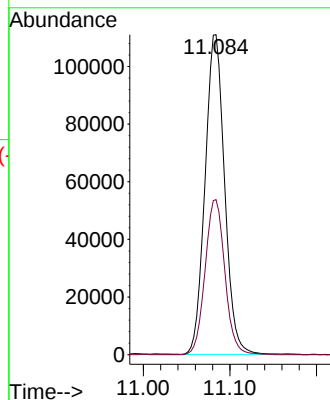
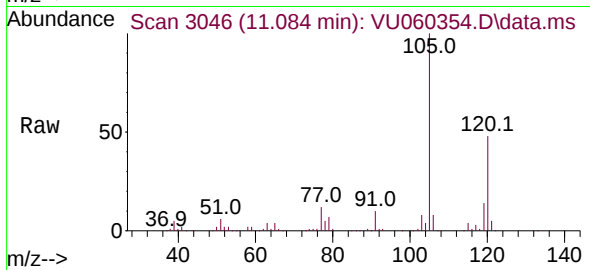




#62
1,3,5-Trimethylbenzene
Concen: 5.556 ug/L
RT: 11.084 min Scan# 3045
Delta R.T. 0.003 min
Lab File: VU060354.D
Acq: 08 Aug 2024 13:44

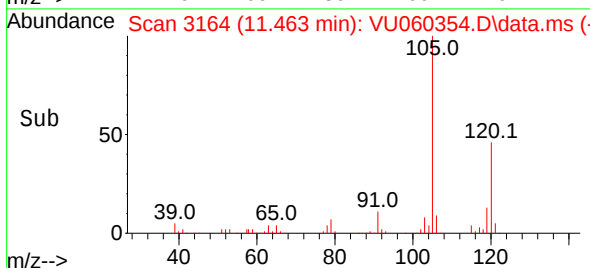
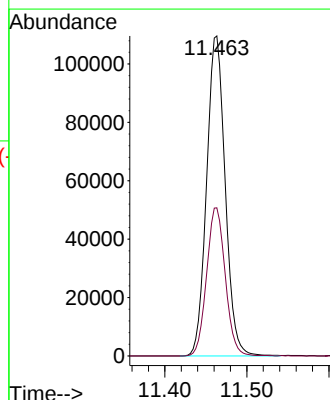
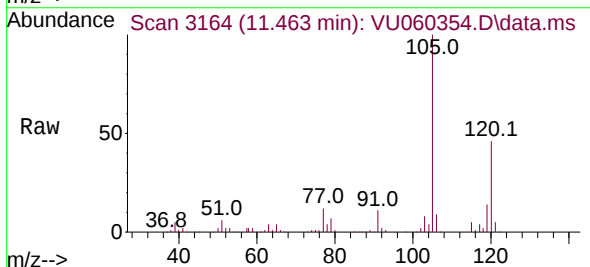
Instrument :
MSVOA_U
ClientSampleId :

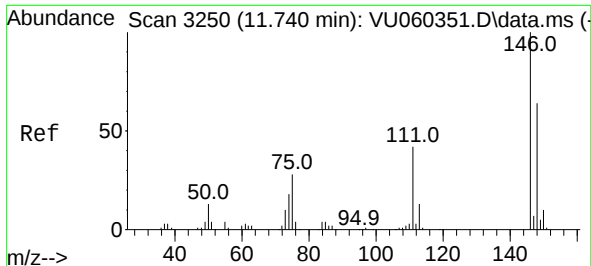
Tgt Ion:105 Resp: 173944
Ion Ratio Lower Upper
105 100
120 49.0 39.3 58.9



#63
1,2,4-Trimethylbenzene
Concen: 5.591 ug/L
RT: 11.463 min Scan# 3164
Delta R.T. 0.003 min
Lab File: VU060354.D
Acq: 08 Aug 2024 13:44

Tgt Ion:105 Resp: 172497
Ion Ratio Lower Upper
105 100
120 46.5 36.1 54.1





#64

1,3-Dichlorobenzene

Concen: 5.490 ug/L

RT: 11.740 min Scan# 3250

Delta R.T. 0.000 min

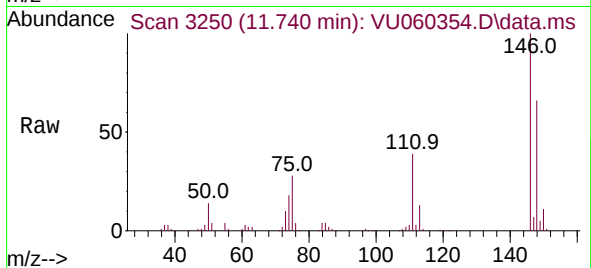
Lab File: VU060354.D

Acq: 08 Aug 2024 13:44

Instrument :

MSVOA_U

ClientSampleId :



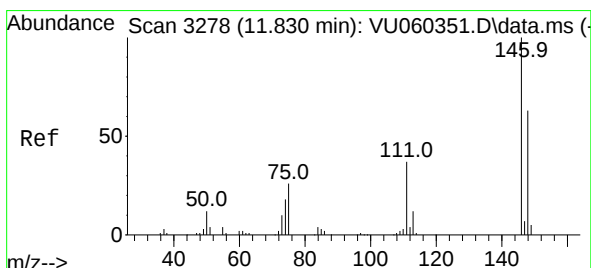
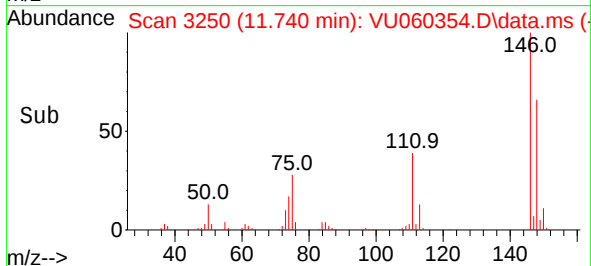
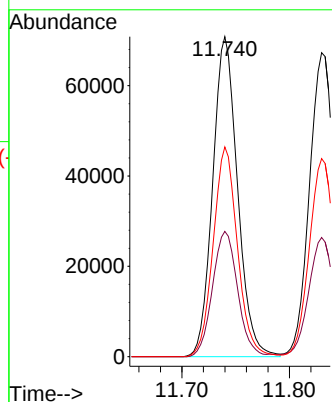
Tgt Ion:146 Resp: 113780

Ion Ratio Lower Upper

146 100

111 39.1 29.2 54.2

148 65.5 44.9 83.3



#65

1,4-Dichlorobenzene

Concen: 5.429 ug/L

RT: 11.830 min Scan# 3278

Delta R.T. 0.000 min

Lab File: VU060354.D

Acq: 08 Aug 2024 13:44

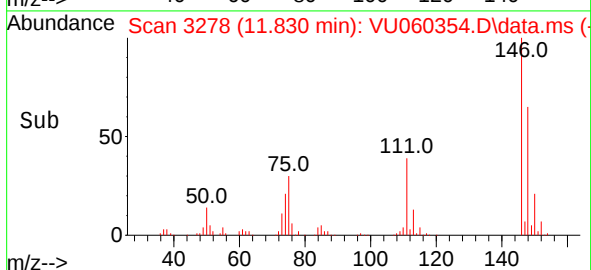
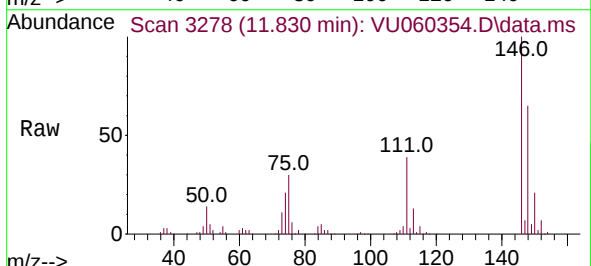
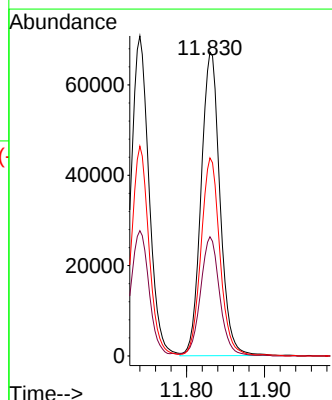
Tgt Ion:146 Resp: 113416

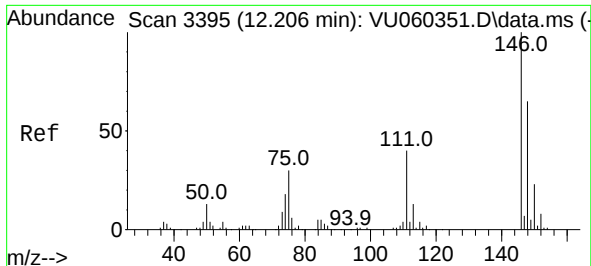
Ion Ratio Lower Upper

146 100

111 39.2 25.8 48.0

148 65.1 44.0 81.6





#67

1,2-Dichlorobenzene

Concen: 5.408 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. 0.000 min

Lab File: VU060354.D

Acq: 08 Aug 2024 13:44

Instrument :

MSVOA_U

ClientSampleId :

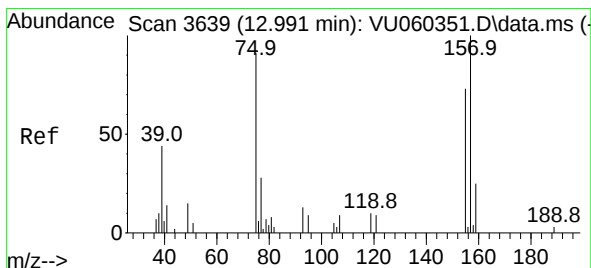
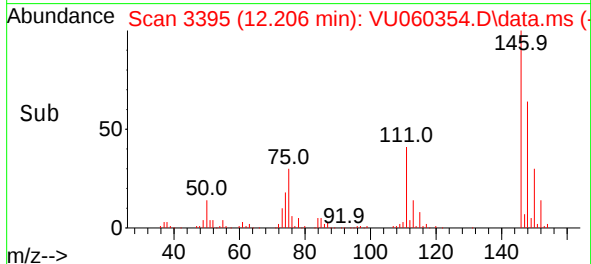
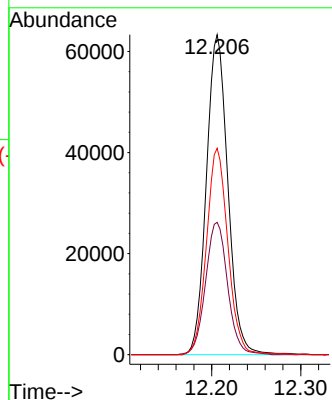
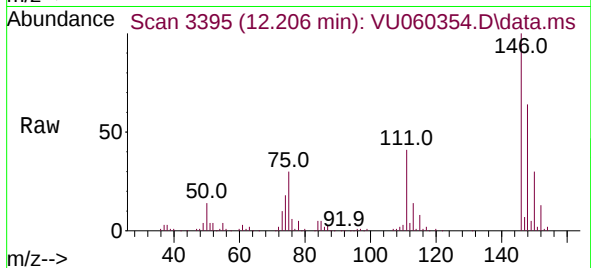
Tgt Ion:146 Resp: 105819

Ion Ratio Lower Upper

146 100

111 41.4 32.0 48.0

148 64.5 51.8 77.8



#68

1,2-Dibromo-3-chloropropane

Concen: 5.653 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. 0.000 min

Lab File: VU060354.D

Acq: 08 Aug 2024 13:44

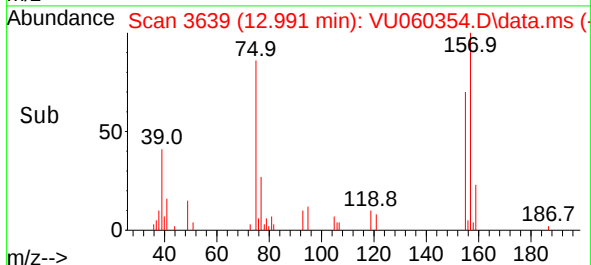
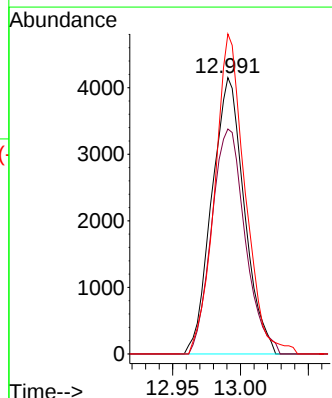
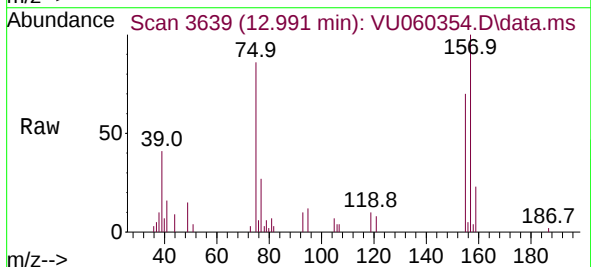
Tgt Ion: 75 Resp: 6910

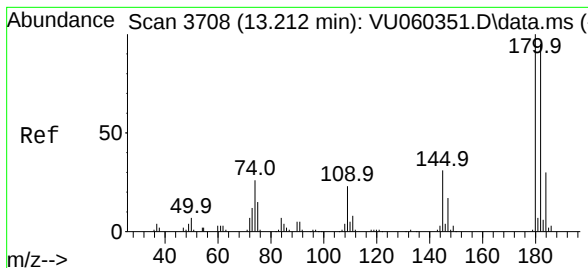
Ion Ratio Lower Upper

75 100

155 81.4 64.3 96.5

157 115.8 88.0 132.0





#69

1,3,5-Trichlorobenzene

Concen: 5.386 ug/L

RT: 13.213 min Scan# 3708

Delta R.T. 0.000 min

Lab File: VU060354.D

Acq: 08 Aug 2024 13:44

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:180 Resp: 84354

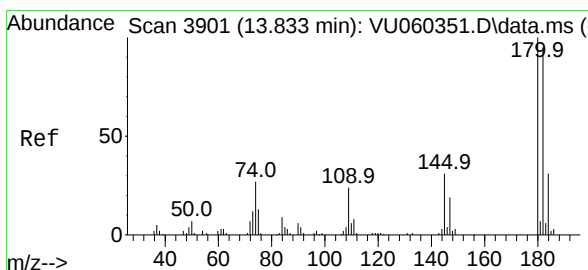
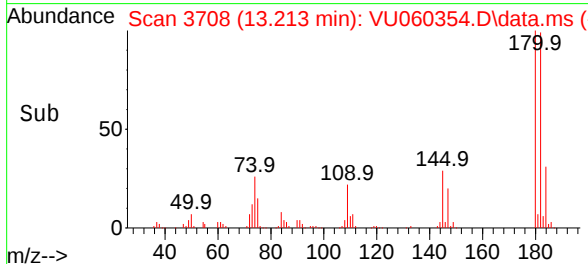
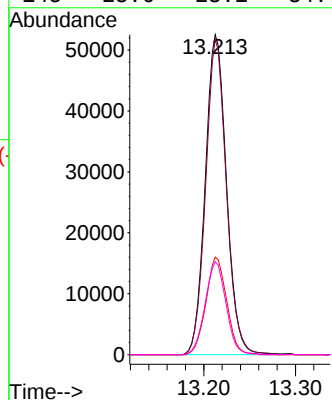
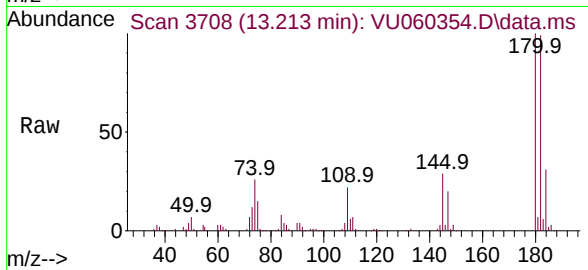
Ion Ratio Lower Upper

180 100

182 96.2 76.0 114.0

184 29.8 23.8 35.8

145 28.6 23.1 34.7



#70

1,2,4-trichlorobenzene

Concen: 5.549 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. 0.000 min

Lab File: VU060354.D

Acq: 08 Aug 2024 13:44

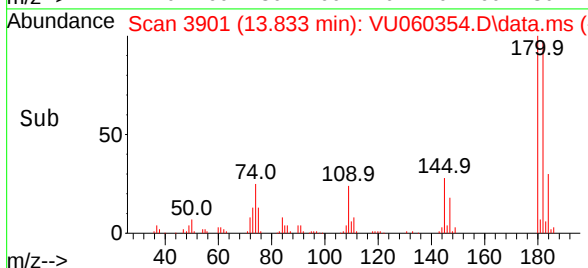
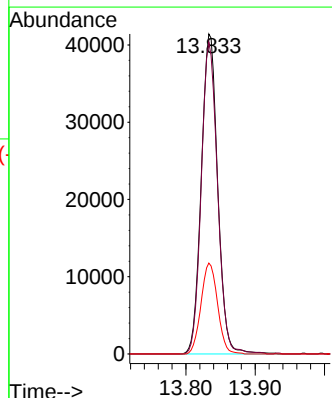
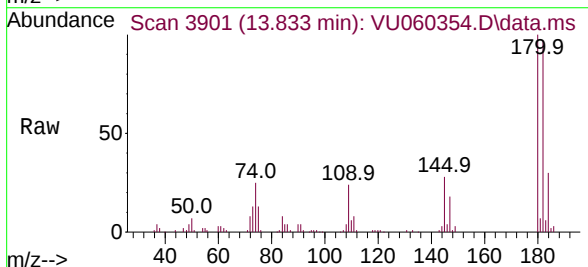
Tgt Ion:180 Resp: 68225

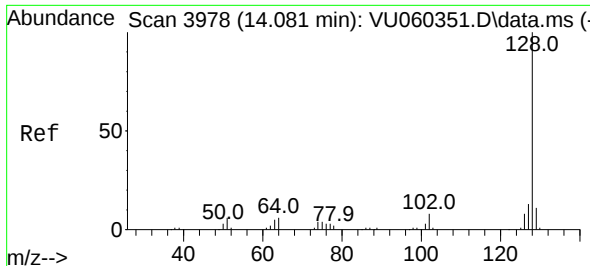
Ion Ratio Lower Upper

180 100

182 96.2 76.0 114.0

145 28.5 23.7 35.5

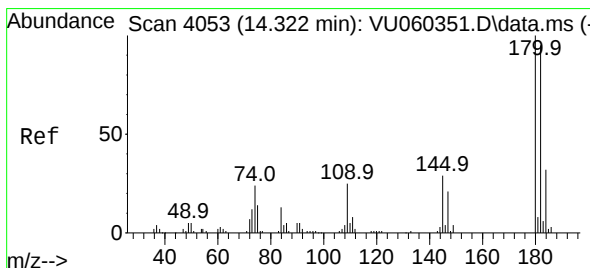
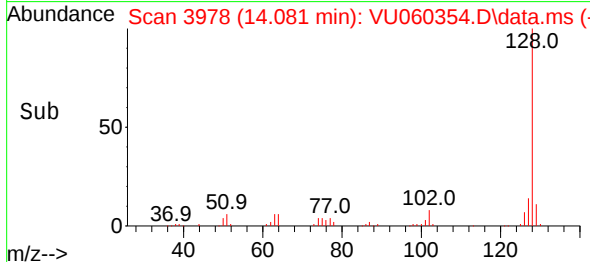
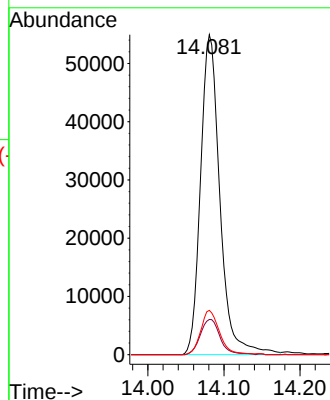
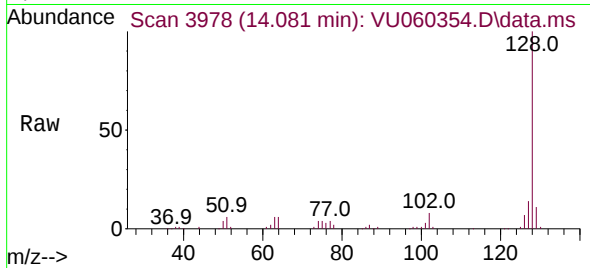




#71
Naphthalene
Concen: 5.555 ug/L
RT: 14.081 min Scan# 3978
Delta R.T. 0.000 min
Lab File: VU060354.D
Acq: 08 Aug 2024 13:44

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 97119
Ion Ratio Lower Upper
128 100
129 11.2 8.6 12.8
127 13.4 10.6 16.0



#72
1,2,3-Trichlorobenzene
Concen: 5.499 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. 0.000 min
Lab File: VU060354.D
Acq: 08 Aug 2024 13:44

Tgt Ion:180 Resp: 60579
Ion Ratio Lower Upper
180 100
182 94.9 75.7 113.5
145 31.0 23.7 35.5

