

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082823\
 Data File : VU054918.D
 Acq On : 28 Aug 2023 11:16
 Operator : MD/SY
 Sample : VSTD02047
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 29 02:49:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Aug 29 02:45:22 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	199893	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	197007	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	112404	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	129920	9.702	ug/L	0.00
7) Chloroethane-d5	1.904	69	184305	15.764	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.560	65	75014	13.182	ug/L	0.00
20) 2-Butanone-d5	4.621	46	759628	223.163	ug/L	0.00
24) Chloroform-d	5.058	84	518844	19.808	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.698	65	268903	19.499	ug/L	0.00
32) Benzene-d6	5.724	84	951123	18.772	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.688	67	328160	20.032	ug/L	0.00
41) Toluene-d8	7.897	98	916917	19.360	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.177	79	118051	18.502	ug/L	0.00
46) 2-Hexanone-d5	8.630	63	580524	232.363	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.753	84	286926	21.508	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.190	152	380497	19.720	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	270377	17.893	ug/L	100
3) Chloromethane	1.518	50	274051	16.466	ug/L	100
5) Vinyl chloride	1.602	62	295233	18.068	ug/L	100
6) Bromomethane	1.853	94	196891	19.708	ug/L	99
8) Chloroethane	1.927	64	198960	20.873	ug/L	98
9) Trichlorofluoromethane	2.132	101	418113	19.332	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	228843	20.800	ug/L	96
12) 1,1-Dichloroethene	2.576	96	199806	19.738	ug/L	93
13) Acetone	2.631	43	393073	220.649	ug/L	100
14) Carbon disulfide	2.788	76	559258	17.009	ug/L	97
15) Methyl Acetate	2.949	43	85214	19.648	ug/L	100
16) Methylene chloride	3.039	84	232024	15.495	ug/L	98
17) Methyl tert-butyl Ether	3.361	73	593949	24.043	ug/L	100
18) trans-1,2-Dichloroethene	3.348	96	219931	20.924	ug/L	95
19) 1,1-Dichloroethane	3.865	63	460248	22.223	ug/L	99
21) 2-Butanone	4.701	43	648621	240.046	ug/L	100
22) cis-1,2-Dichloroethene	4.663	96	271404	23.036	ug/L	96
23) Bromochloromethane	4.971	128	115141	22.483	ug/L	98
25) Chloroform	5.084	83	494542	22.577	ug/L	98
27) 1,2-Dichloroethane	5.791	62	306297	22.009	ug/L	98
29) 1,1,1-Trichloroethane	5.312	97	426930	22.198	ug/L	98
30) Cyclohexane	5.386	56	389152	22.587	ug/L	97
31) Carbon tetrachloride	5.521	117	362774	21.199	ug/L	100
33) Benzene	5.772	78	1017372	22.537	ug/L	100
34) Trichloroethene	6.541	95	274335	21.607	ug/L	96
35) Methylcyclohexane	6.762	83	418507	23.429	ug/L	99
37) 1,2-Dichloropropane	6.788	63	281991	23.510	ug/L	99
38) Bromodichloromethane	7.103	83	349683	22.860	ug/L	99
39) cis-1,3-Dichloropropene	7.605	75	431602	24.150	ug/L	99
40) 4-Methyl-2-pentanone	7.788	43	1611552	242.044	ug/L	100
42) Toluene	7.968	91	1151667	23.942	ug/L	97
44) trans-1,3-Dichloropropene	8.209	75	358789	23.618	ug/L	97

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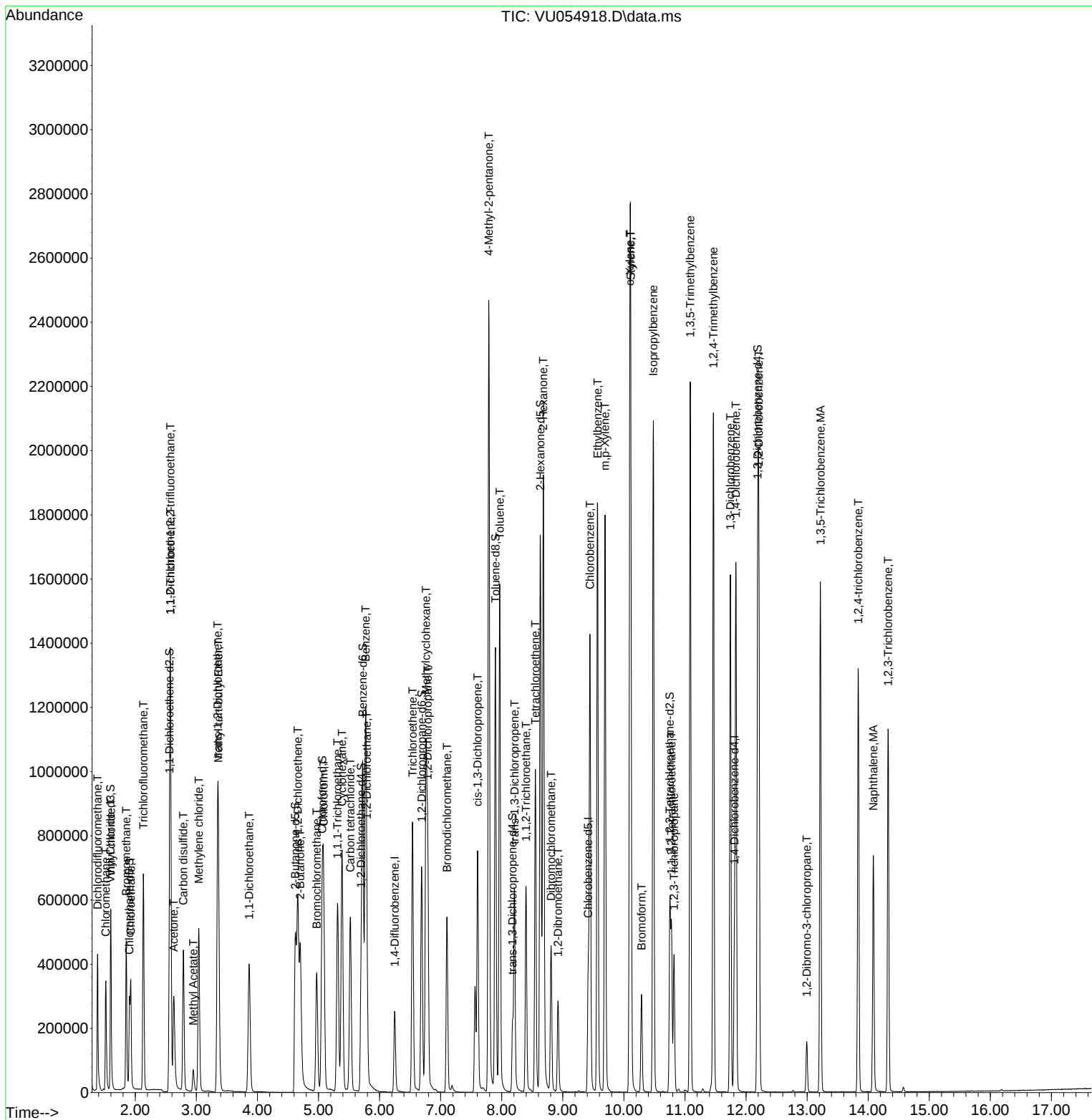
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 MSVOA_U
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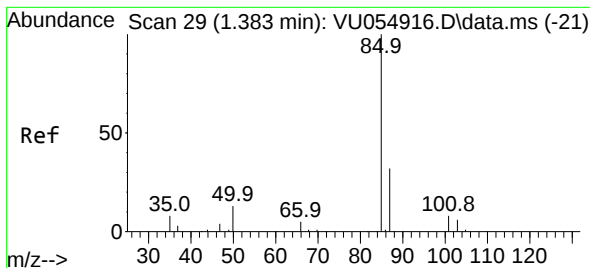
Quant Time: Aug 29 02:49:45 2023
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 Quant Title : TRACE VOA SFAM1.0
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.396	97	196448	22.868	ug/L	98
47) Tetrachloroethene	8.550	164	209380	21.041	ug/L	94
48) 2-Hexanone	8.682	43	1223146	255.653	ug/L	99
49) Dibromochloromethane	8.807	129	230166	23.663	ug/L	90
50) 1,2-Dibromoethane	8.923	107	187738	23.192	ug/L	96
51) Chlorobenzene	9.444	112	739830	23.888	ug/L	99
52) Ethylbenzene	9.569	91	1317712	25.108	ug/L	99
53) m,p-Xylene	9.692	106	502794	25.279	ug/L	99
54) o-Xylene	10.097	106	488891	26.273	ug/L	100
55) Styrene	10.113	104	828534	26.422	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.778	83	239268	23.162	ug/L	99
59) Bromoform	10.290	173	131524	20.657	ug/L	96
60) Isopropylbenzene	10.483	105	1345696	24.713	ug/L	100
61) 1,2,3-Trichloropropane	10.820	75	174250	21.141	ug/L	98
62) 1,3,5-Trimethylbenzene	11.087	105	1187167	25.962	ug/L	100
63) 1,2,4-Trimethylbenzene	11.466	105	1164447	26.828	ug/L	99
64) 1,3-Dichlorobenzene	11.743	146	617775	22.935	ug/L	99
65) 1,4-Dichlorobenzene	11.833	146	615960	23.010	ug/L	98
67) 1,2-Dichlorobenzene	12.209	146	569503	22.979	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.994	75	39487	20.095	ug/L #	85
69) 1,3,5-Trichlorobenzene	13.219	180	464210	23.624	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	372669	23.746	ug/L	99
71) Naphthalene	14.084	128	575873	23.516	ug/L	98
72) 1,2,3-Trichlorobenzene	14.328	180	321507	23.301	ug/L	99

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

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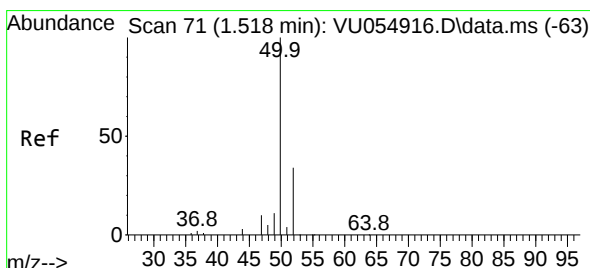
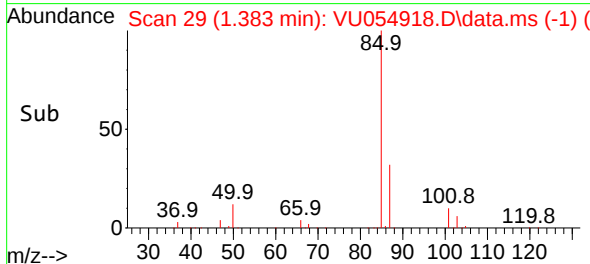
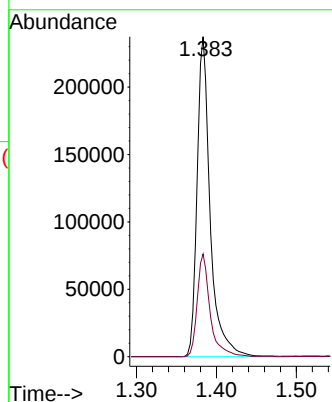
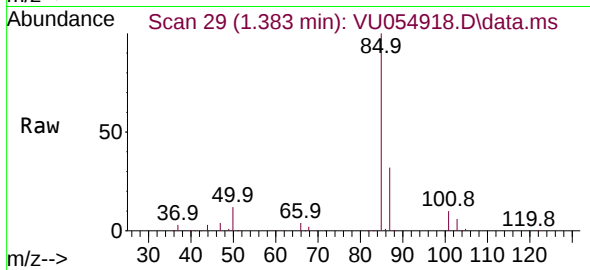




#2
 Dichlorodifluoromethane
 Concen: 17.893 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. -0.000 min
 Lab File: VU054918.D
 Acq: 28 Aug 2023 11:16

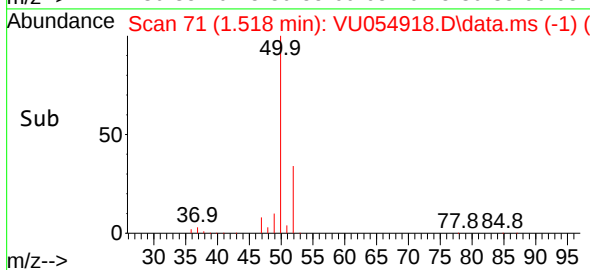
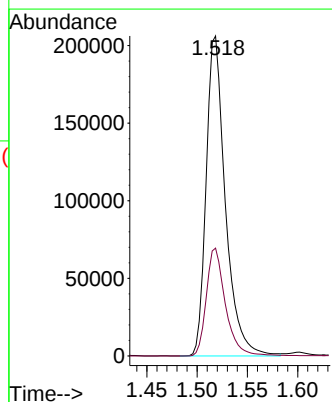
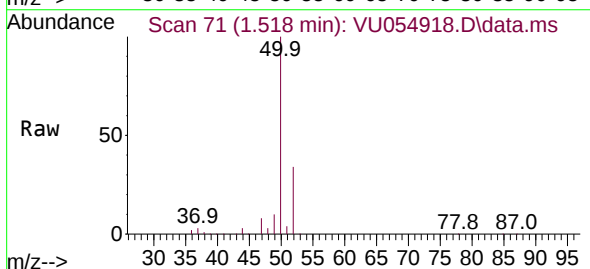
Instrument :
 MSVOA_U
 ClientSampleId :

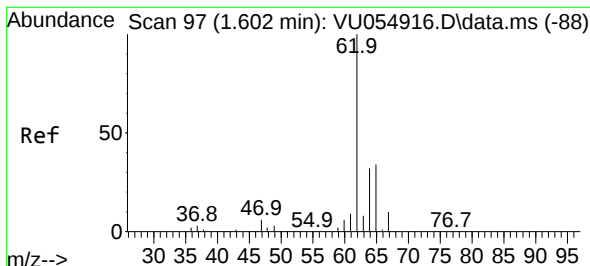
Tgt Ion: 85 Resp: 270377
 Ion Ratio Lower Upper
 85 100
 87 31.8 25.4 38.0



#3
 Chloromethane
 Concen: 16.466 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VU054918.D
 Acq: 28 Aug 2023 11:16

Tgt Ion: 50 Resp: 274051
 Ion Ratio Lower Upper
 50 100
 52 33.7 23.4 43.6





#5

Vinyl chloride

Concen: 18.068 ug/L

RT: 1.602 min Scan# 91

Delta R.T. -0.000 min

Lab File: VU054918.D

Acq: 28 Aug 2023 11:16

Instrument :

MSVOA_U

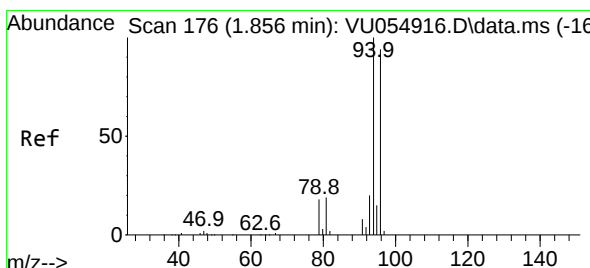
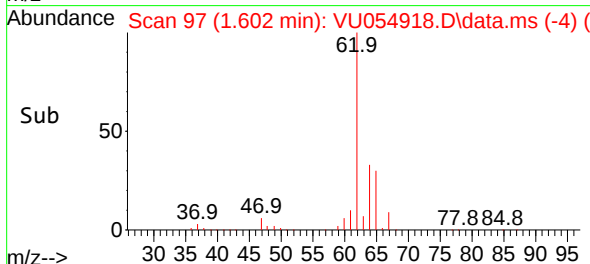
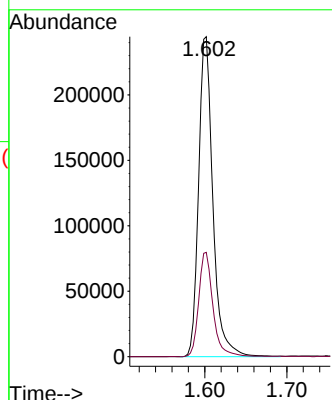
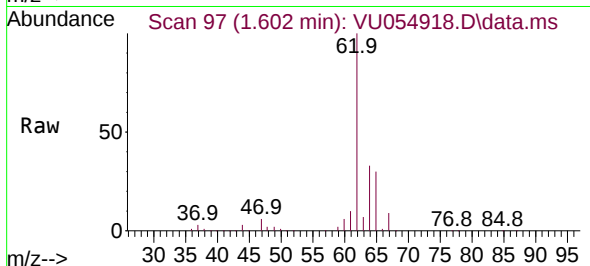
ClientSampleId :

Tgt Ion: 62 Resp: 295233

Ion Ratio Lower Upper

62 100

64 32.6 22.7 42.1



#6

Bromomethane

Concen: 19.708 ug/L

RT: 1.853 min Scan# 175

Delta R.T. -0.003 min

Lab File: VU054918.D

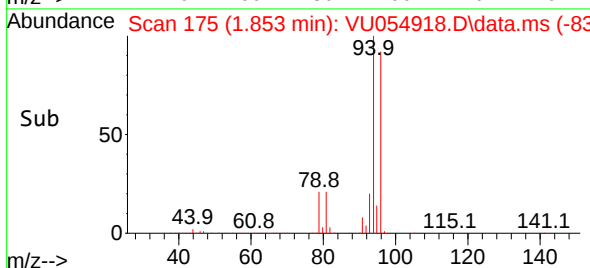
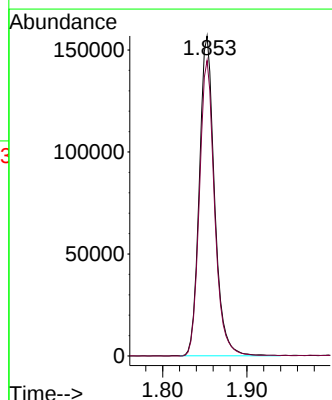
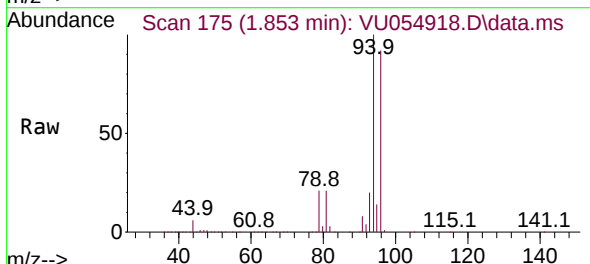
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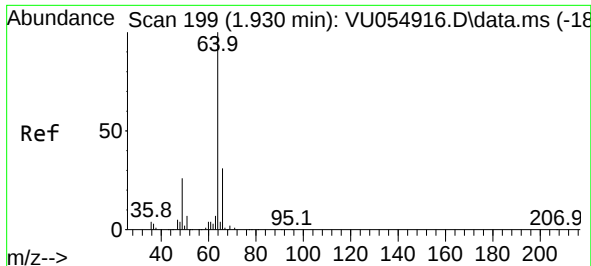
Tgt Ion: 94 Resp: 196891

Ion Ratio Lower Upper

94 100

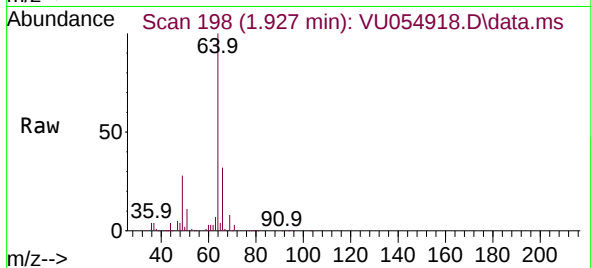
96 92.3 65.5 121.7



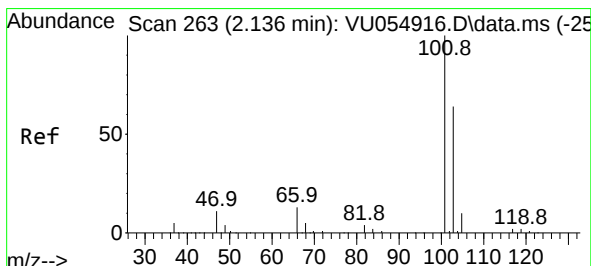
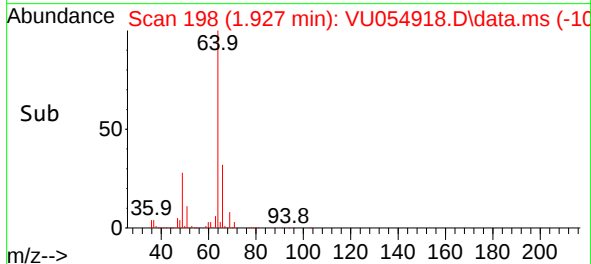
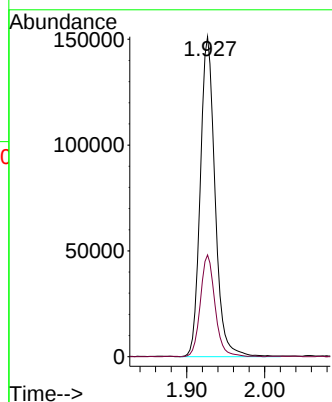


#8
Chloroethane
Concen: 20.873 ug/L
RT: 1.927 min Scan# 198
Delta R.T. -0.003 min
Lab File: VU054918.D
Acq: 28 Aug 2023 11:16

Instrument :
MSVOA_U
ClientSampleId :

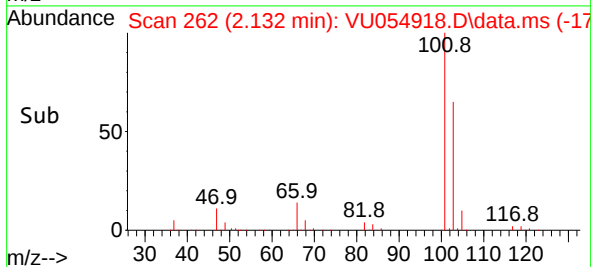
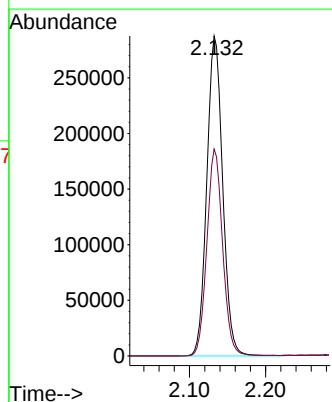
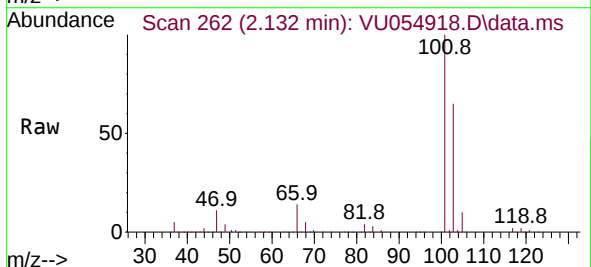


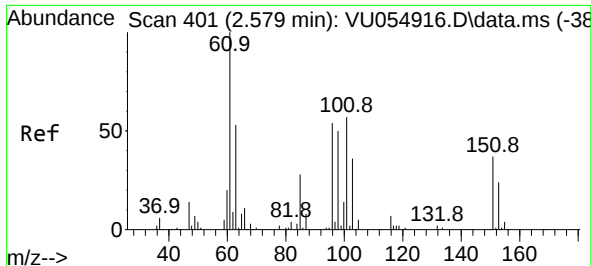
Tgt Ion: 64 Resp: 198960
Ion Ratio Lower Upper
64 100
66 31.8 21.5 39.9



#9
Trichlorofluoromethane
Concen: 19.332 ug/L
RT: 2.132 min Scan# 262
Delta R.T. -0.003 min
Lab File: VU054918.D
Acq: 28 Aug 2023 11:16

Tgt Ion: 101 Resp: 418113
Ion Ratio Lower Upper
101 100
103 64.0 51.0 76.4

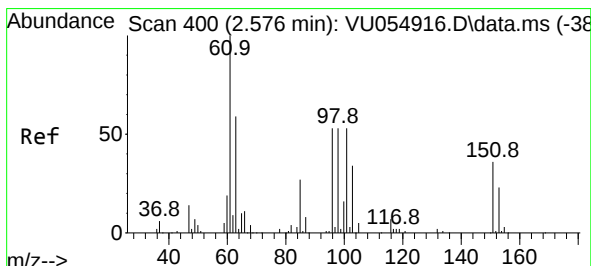
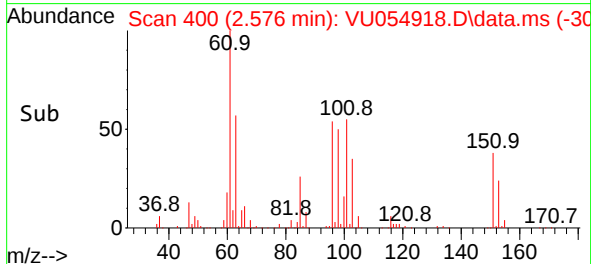
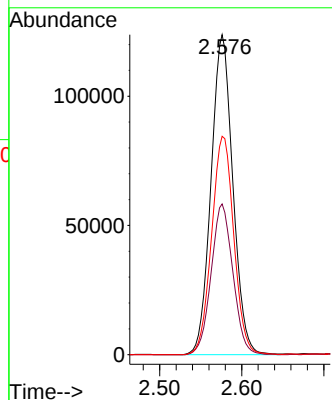
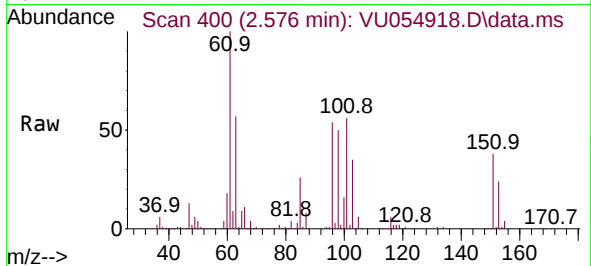




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 20.800 ug/L
 RT: 2.576 min Scan# 401
 Delta R.T. -0.003 min
 Lab File: VU054918.D
 Acq: 28 Aug 2023 11:16

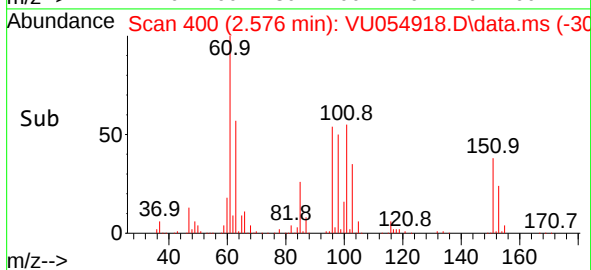
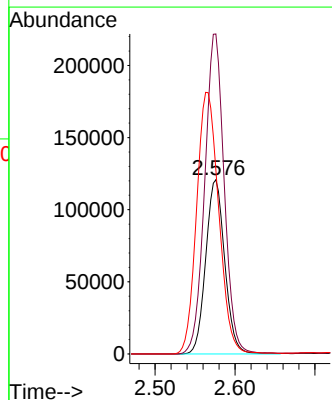
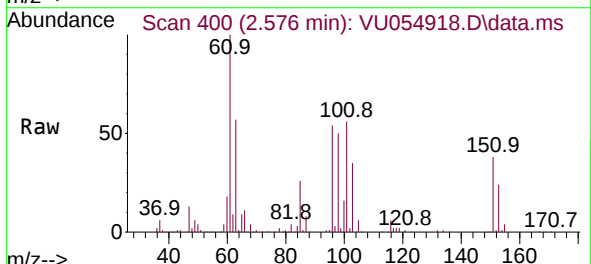
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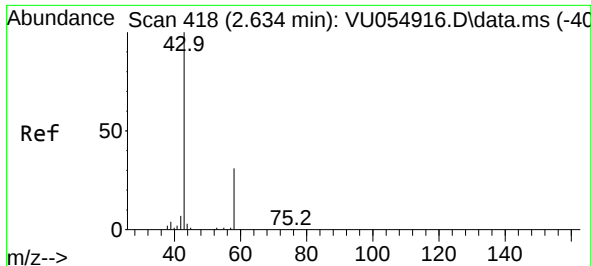
Tgt Ion:101 Resp: 228843
 Ion Ratio Lower Upper
 101 100
 85 47.0 38.3 57.5
 151 69.7 51.5 77.3



#12
 1,1-Dichloroethene
 Concen: 19.738 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. -0.000 min
 Lab File: VU054918.D
 Acq: 28 Aug 2023 11:16

Tgt Ion: 96 Resp: 199806
 Ion Ratio Lower Upper
 96 100
 61 183.7 132.4 245.8
 63 105.5 82.5 153.1





#13

Acetone

Concen: 220.649 ug/L

RT: 2.631 min Scan# 41

Delta R.T. -0.003 min

Lab File: VU054918.D

Acq: 28 Aug 2023 11:16

Instrument :

MSVOA_U

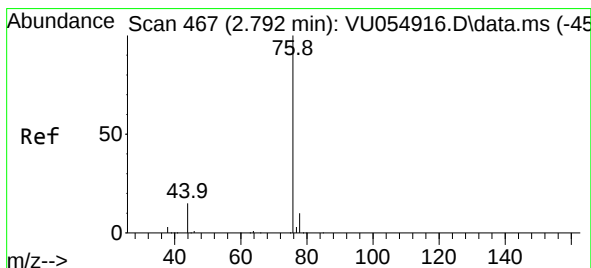
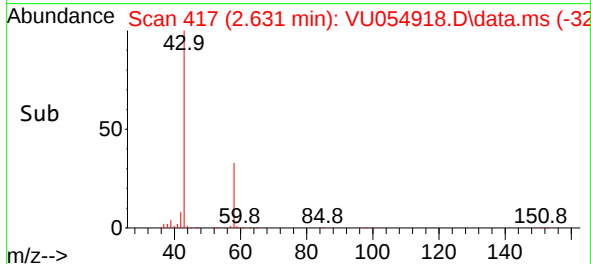
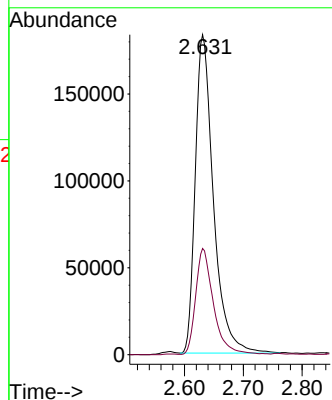
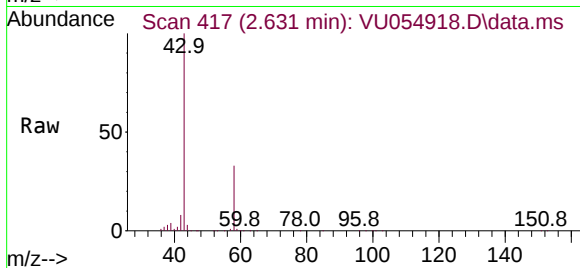
ClientSampleId :

Tgt Ion: 43 Resp: 393073

Ion Ratio Lower Upper

43 100

58 32.5 0.0 64.4



#14

Carbon disulfide

Concen: 17.009 ug/L

RT: 2.788 min Scan# 466

Delta R.T. -0.003 min

Lab File: VU054918.D

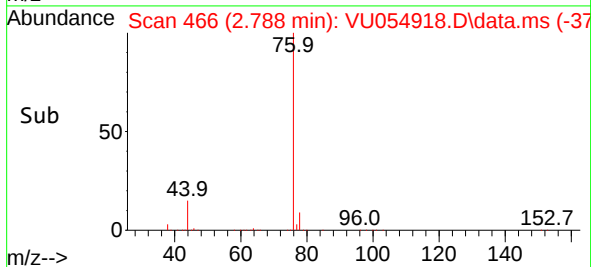
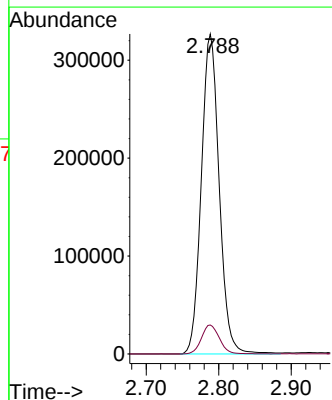
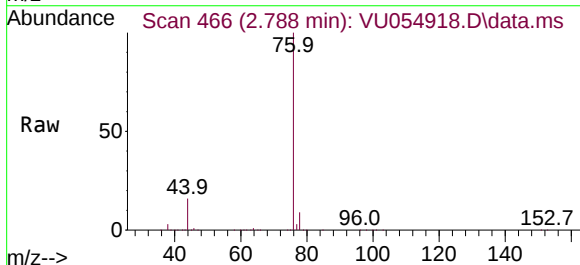
Acq: 28 Aug 2023 11:16

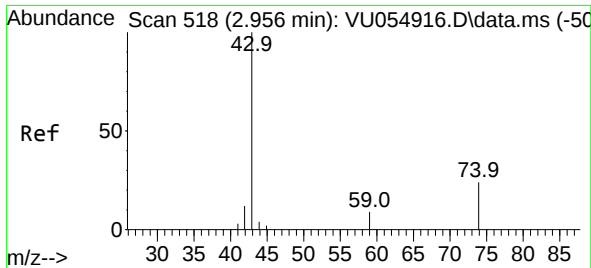
Tgt Ion: 76 Resp: 559258

Ion Ratio Lower Upper

76 100

78 9.1 8.2 12.2

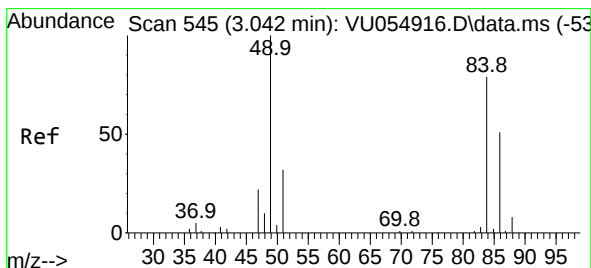
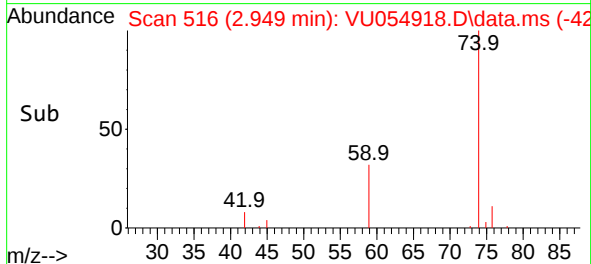
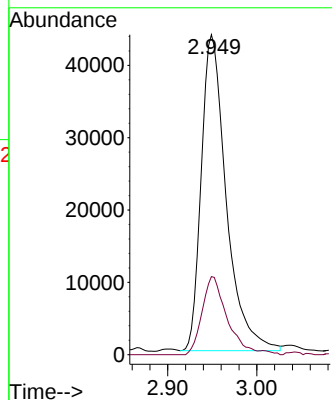
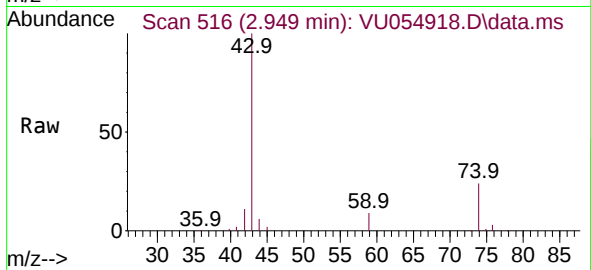




#15
Methyl Acetate
Concen: 19.648 ug/L
RT: 2.949 min Scan# 51
Delta R.T. -0.006 min
Lab File: VU054918.D
Acq: 28 Aug 2023 11:16

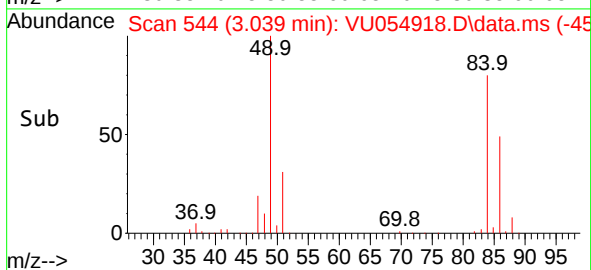
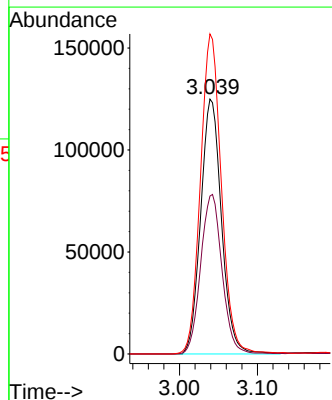
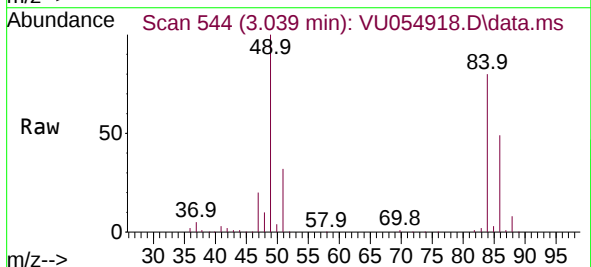
Instrument :
MSVOA_U
ClientSampleId :

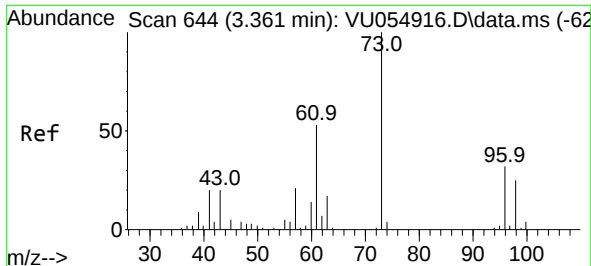
Tgt Ion: 43 Resp: 85214
Ion Ratio Lower Upper
43 100
74 24.5 19.5 29.3



#16
Methylene chloride
Concen: 15.495 ug/L
RT: 3.039 min Scan# 544
Delta R.T. -0.003 min
Lab File: VU054918.D
Acq: 28 Aug 2023 11:16

Tgt Ion: 84 Resp: 232024
Ion Ratio Lower Upper
84 100
86 62.0 45.1 83.7
49 125.5 89.5 166.3

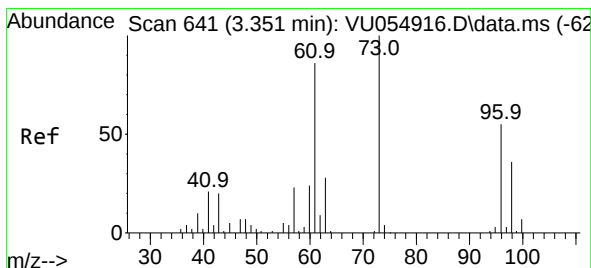
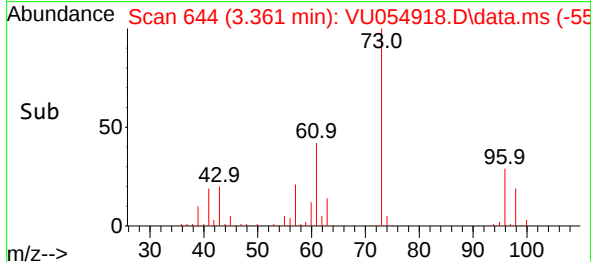
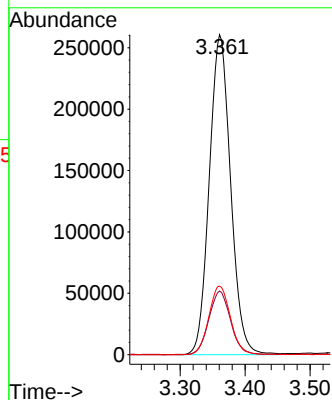
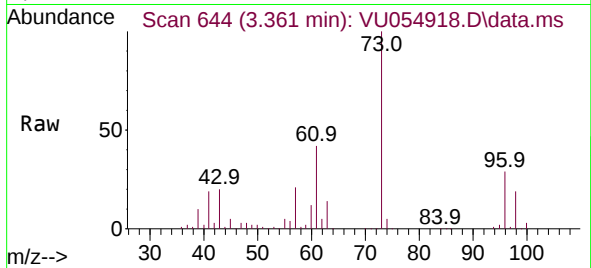




#17
Methyl tert-butyl Ether
Concen: 24.043 ug/L
RT: 3.361 min Scan# 644
Delta R.T. -0.000 min
Lab File: VU054918.D
Acq: 28 Aug 2023 11:16

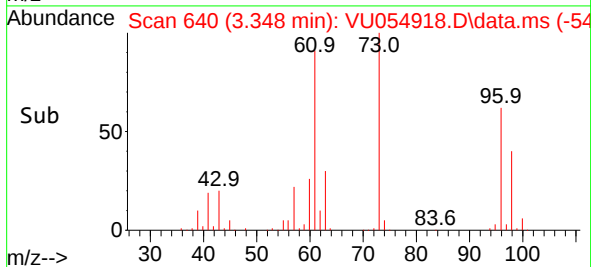
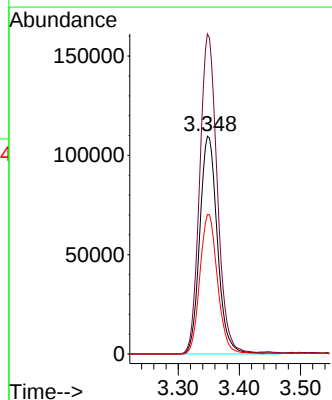
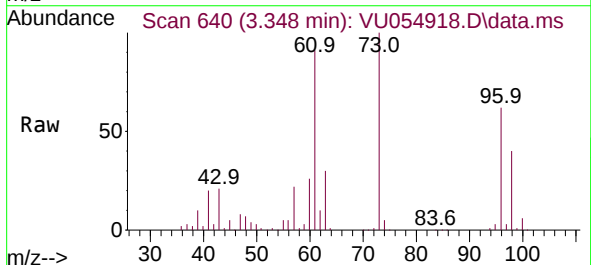
Instrument :
MSVOA_U
ClientSampleId :

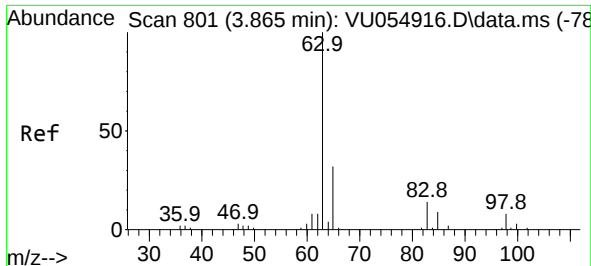
Tgt Ion: 73 Resp: 593949
Ion Ratio Lower Upper
73 100
43 20.0 16.2 24.2
57 21.8 17.4 26.0



#18
trans-1,2-Dichloroethene
Concen: 20.924 ug/L
RT: 3.348 min Scan# 640
Delta R.T. -0.003 min
Lab File: VU054918.D
Acq: 28 Aug 2023 11:16

Tgt Ion: 96 Resp: 219931
Ion Ratio Lower Upper
96 100
61 147.0 108.8 202.0
98 64.0 45.8 85.2





#19

1,1-Dichloroethane

Concen: 22.223 ug/L

RT: 3.865 min Scan# 801

Delta R.T. -0.000 min

Lab File: VU054918.D

Acq: 28 Aug 2023 11:16

Instrument :

MSVOA_U

ClientSampleId :

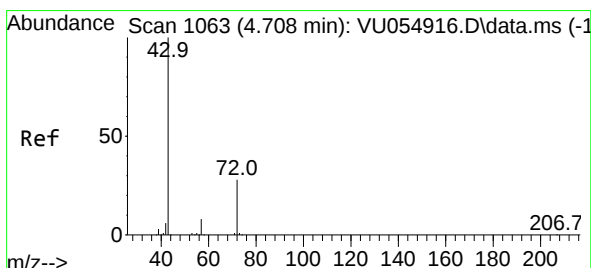
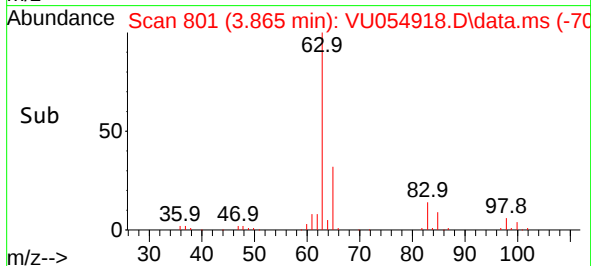
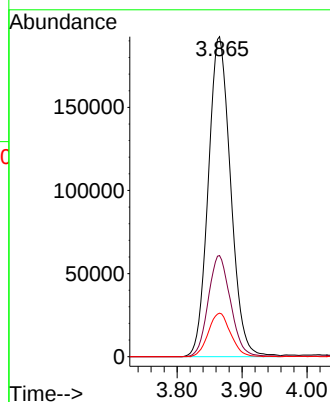
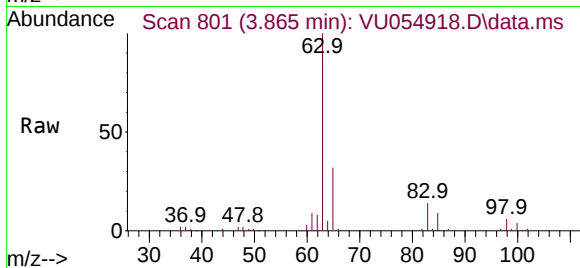
Tgt Ion: 63 Resp: 460248

Ion Ratio Lower Upper

63 100

65 31.6 22.5 41.7

83 13.6 9.5 17.7



#21

2-Butanone

Concen: 240.046 ug/L

RT: 4.701 min Scan# 1061

Delta R.T. -0.006 min

Lab File: VU054918.D

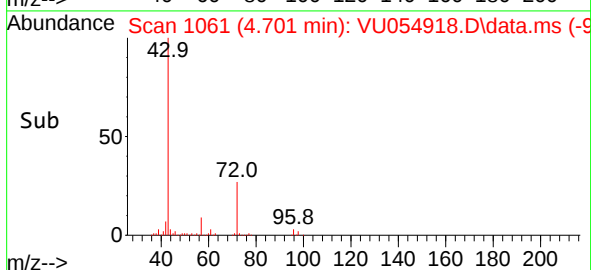
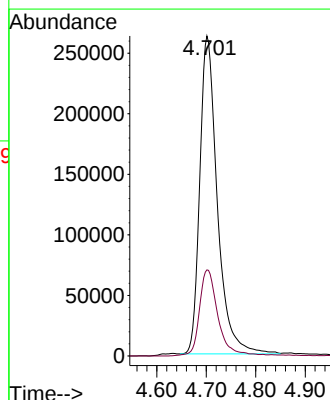
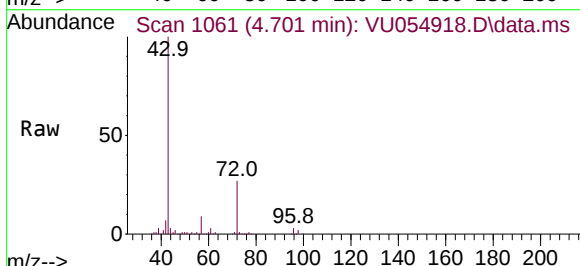
Acq: 28 Aug 2023 11:16

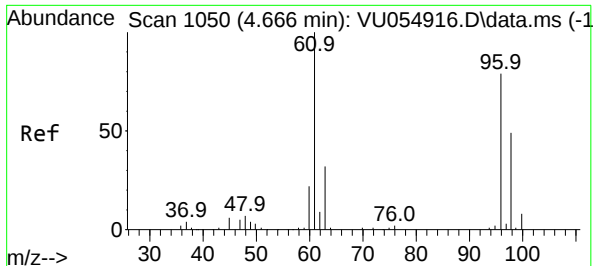
Tgt Ion: 43 Resp: 648621

Ion Ratio Lower Upper

43 100

72 28.4 14.1 42.3

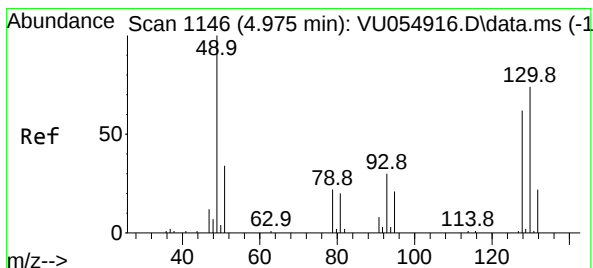
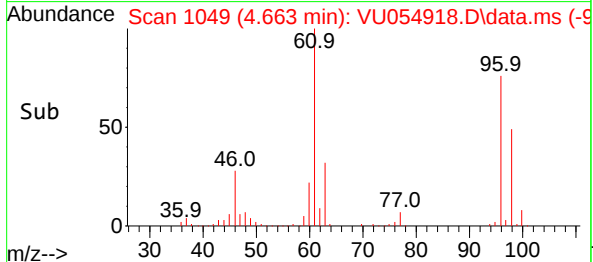
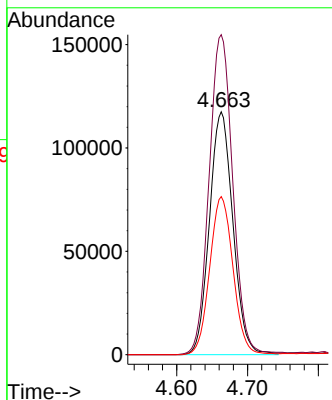
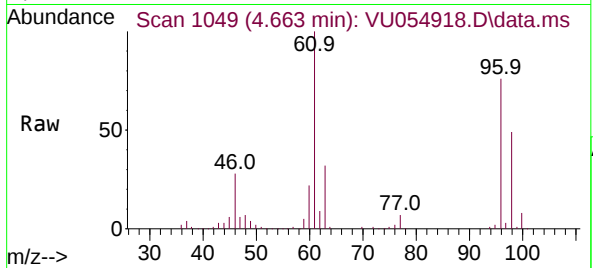




#22
 cis-1,2-Dichloroethene
 Concen: 23.036 ug/L
 RT: 4.663 min Scan# 1049
 Delta R.T. -0.003 min
 Lab File: VU054918.D
 Acq: 28 Aug 2023 11:16

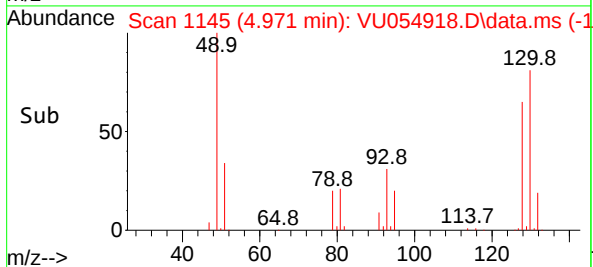
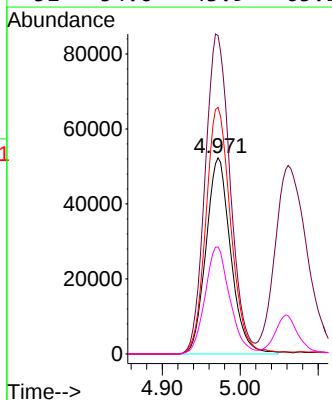
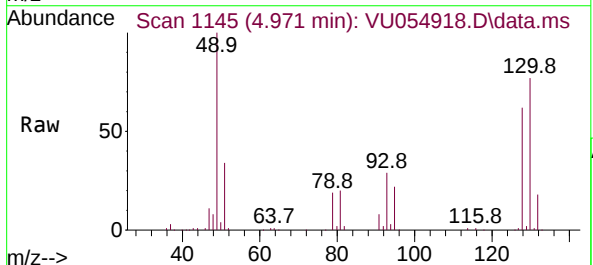
Instrument :
 MSVOA_U
 ClientSampleId :

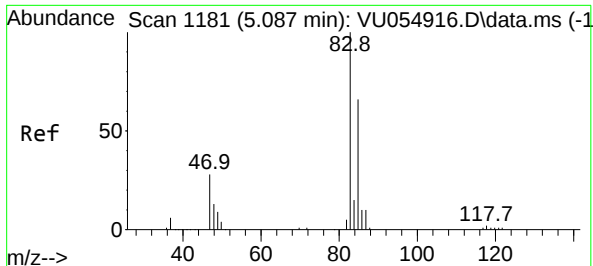
Tgt Ion: 96 Resp: 271404
 Ion Ratio Lower Upper
 96 100
 61 131.7 88.4 164.2
 98 65.0 44.0 81.6



#23
 Bromochloromethane
 Concen: 22.483 ug/L
 RT: 4.971 min Scan# 1145
 Delta R.T. -0.003 min
 Lab File: VU054918.D
 Acq: 28 Aug 2023 11:16

Tgt Ion:128 Resp: 115141
 Ion Ratio Lower Upper
 128 100
 49 162.2 113.8 211.3
 130 125.6 83.9 155.7
 51 54.6 43.9 65.9

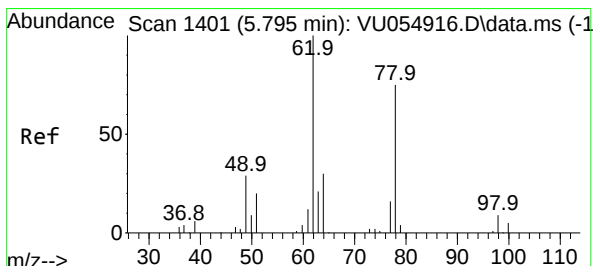
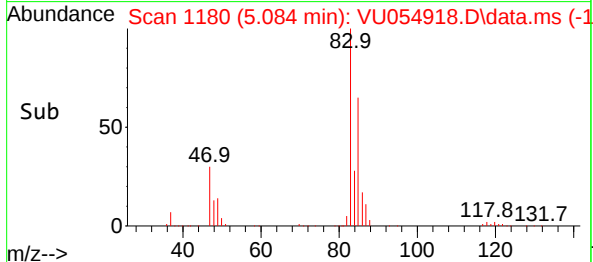
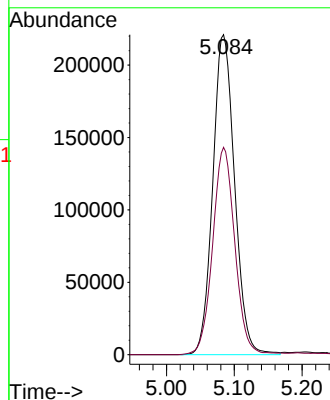
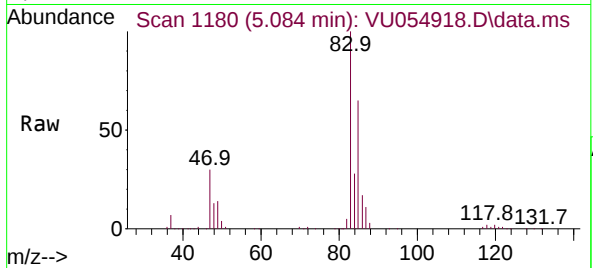




#25
Chloroform
Concen: 22.577 ug/L
RT: 5.084 min Scan# 1181
Delta R.T. -0.003 min
Lab File: VU054918.D
Acq: 28 Aug 2023 11:16

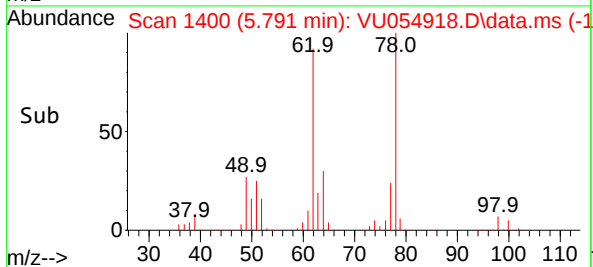
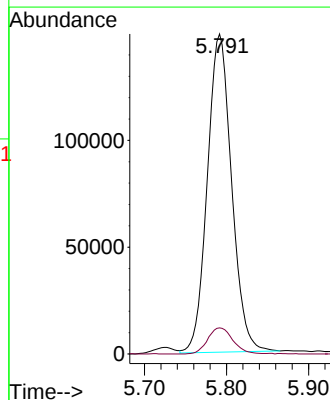
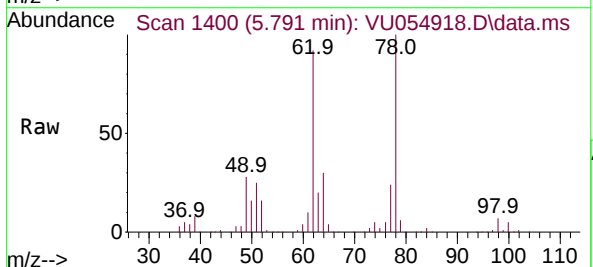
Instrument :
MSVOA_U
ClientSampleId :

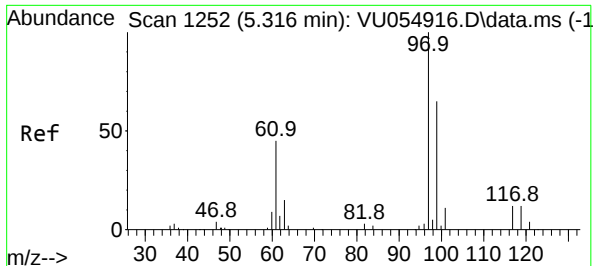
Tgt Ion: 83 Resp: 494542
Ion Ratio Lower Upper
83 100
85 64.8 46.7 86.7



#27
1,2-Dichloroethane
Concen: 22.009 ug/L
RT: 5.791 min Scan# 1400
Delta R.T. -0.003 min
Lab File: VU054918.D
Acq: 28 Aug 2023 11:16

Tgt Ion: 62 Resp: 306297
Ion Ratio Lower Upper
62 100
98 8.1 7.0 10.6





#29

1,1,1-Trichloroethane

Concen: 22.198 ug/L

RT: 5.312 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU054918.D

Acq: 28 Aug 2023 11:16

Instrument :

MSVOA_U

ClientSampleId :

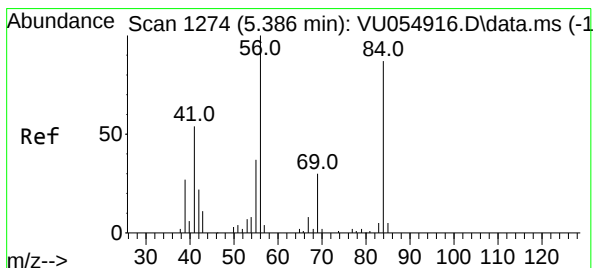
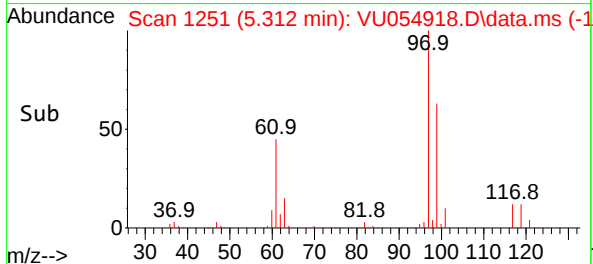
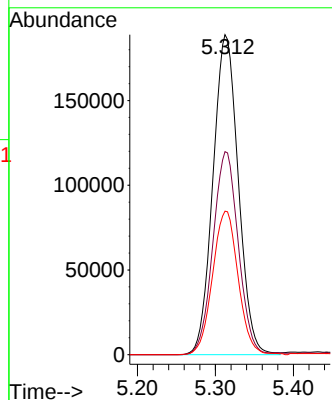
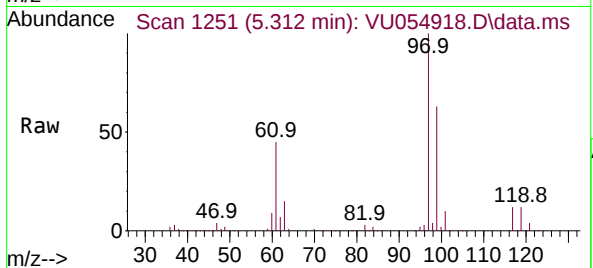
Tgt Ion: 97 Resp: 426930

Ion Ratio Lower Upper

97 100

99 63.3 51.5 77.3

61 45.3 37.2 55.8



#30

Cyclohexane

Concen: 22.587 ug/L

RT: 5.386 min Scan# 1274

Delta R.T. -0.000 min

Lab File: VU054918.D

Acq: 28 Aug 2023 11:16

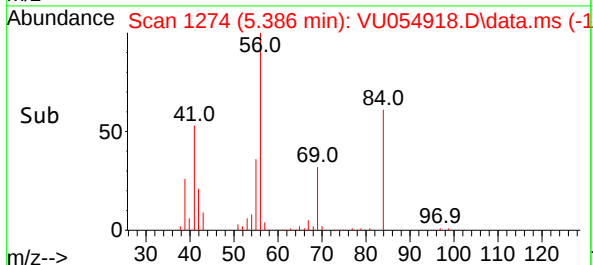
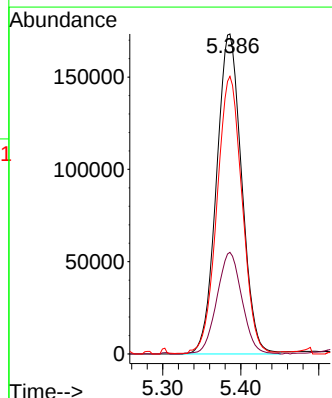
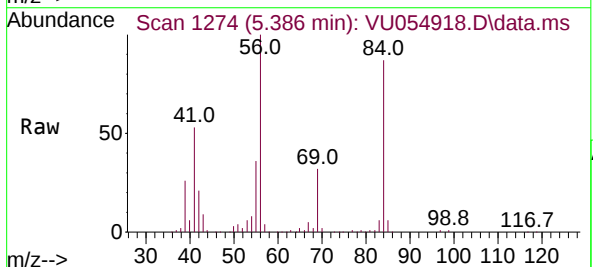
Tgt Ion: 56 Resp: 389152

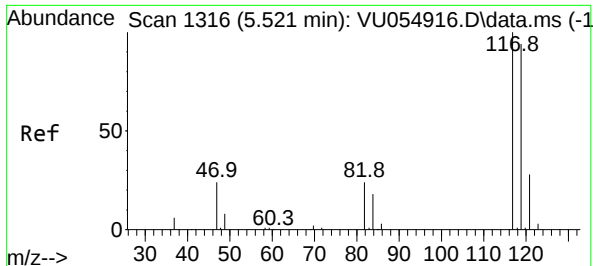
Ion Ratio Lower Upper

56 100

69 31.5 24.5 36.7

84 86.2 71.3 106.9

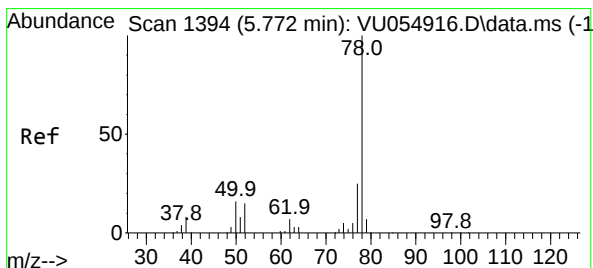
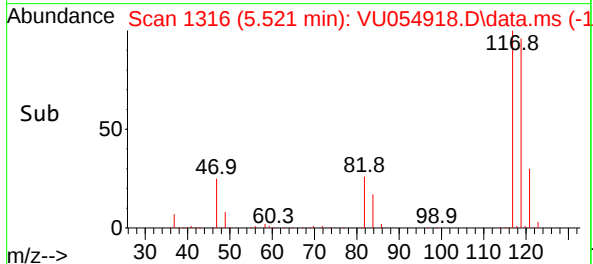
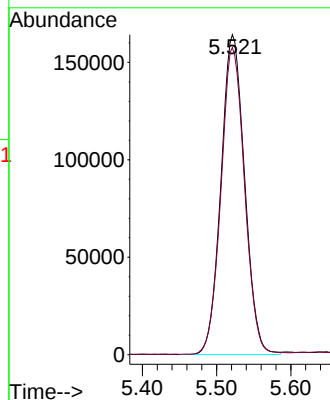
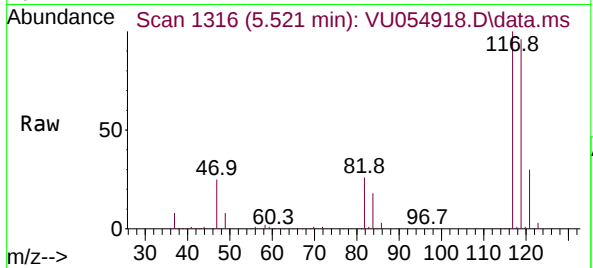




#31
Carbon tetrachloride
Concen: 21.199 ug/L
RT: 5.521 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VU054918.D
Acq: 28 Aug 2023 11:16

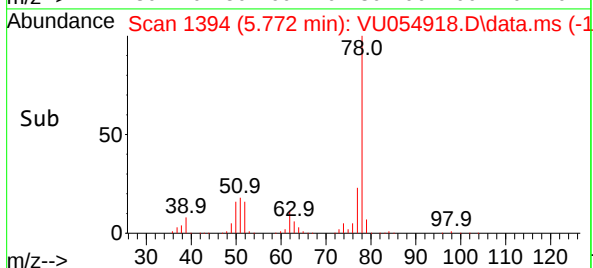
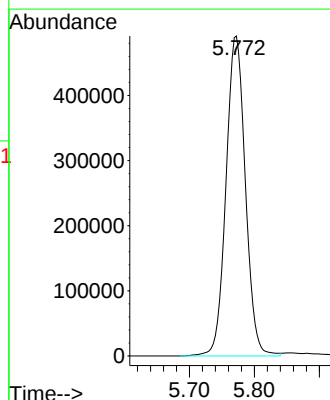
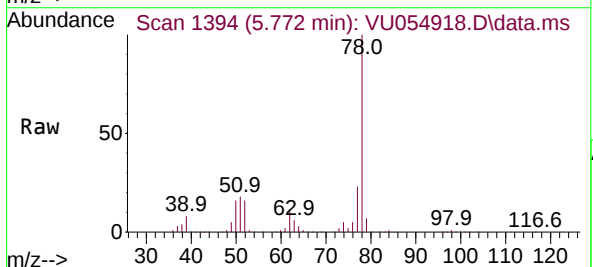
Instrument :
MSVOA_U
ClientSampleId :

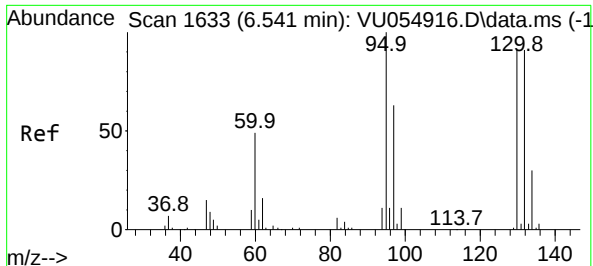
Tgt Ion:117 Resp: 362774
Ion Ratio Lower Upper
117 100
119 95.9 76.6 115.0



#33
Benzene
Concen: 22.537 ug/L
RT: 5.772 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VU054918.D
Acq: 28 Aug 2023 11:16

Tgt Ion: 78 Resp: 1017372





#34

Trichloroethene

Concen: 21.607 ug/L

RT: 6.541 min Scan# 1

Delta R.T. -0.000 min

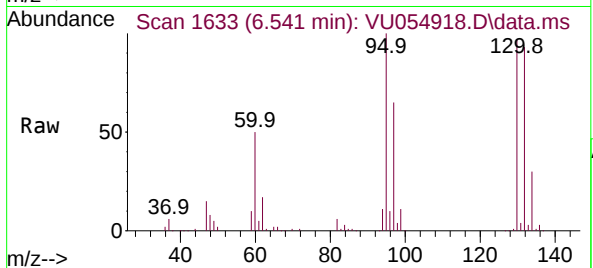
Lab File: VU054918.D

Acq: 28 Aug 2023 11:16

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 95 Resp: 274335

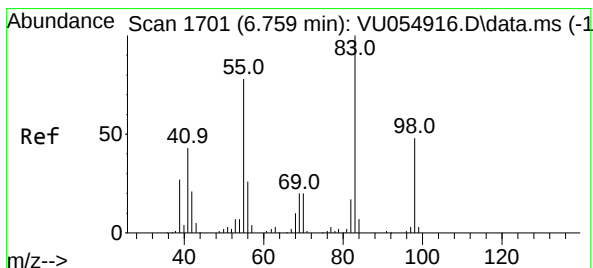
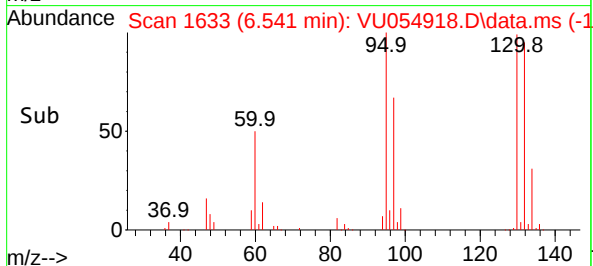
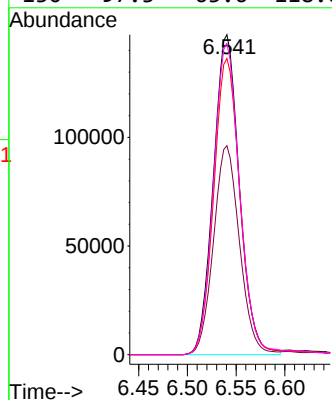
Ion Ratio Lower Upper

95 100

97 65.3 44.1 81.9

132 92.6 63.6 118.2

130 97.3 63.6 118.0



#35

Methylcyclohexane

Concen: 23.429 ug/L

RT: 6.762 min Scan# 1702

Delta R.T. 0.003 min

Lab File: VU054918.D

Acq: 28 Aug 2023 11:16

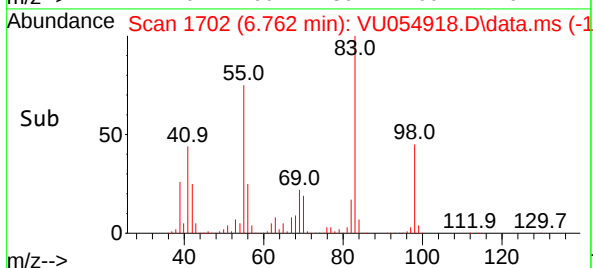
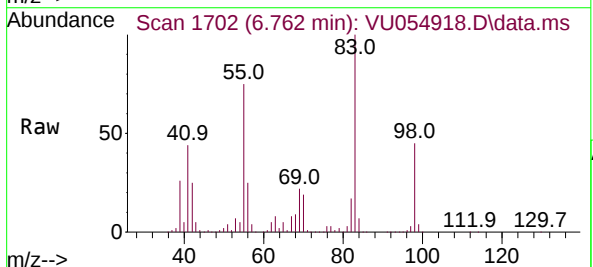
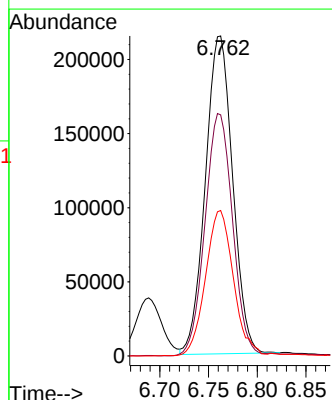
Tgt Ion: 83 Resp: 418507

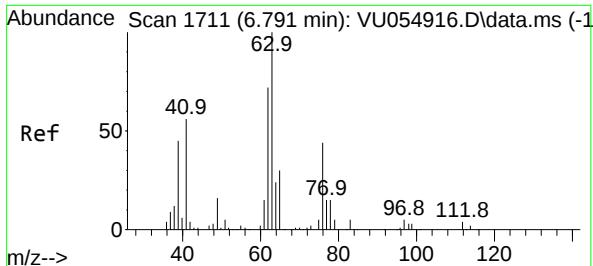
Ion Ratio Lower Upper

83 100

55 76.9 62.1 93.1

98 46.5 37.8 56.6

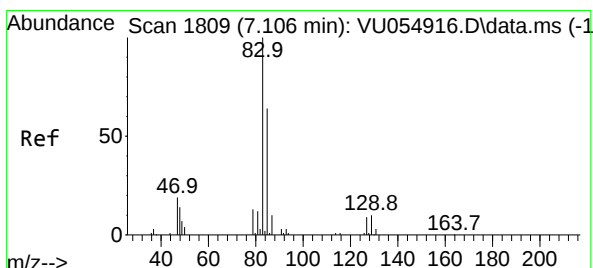
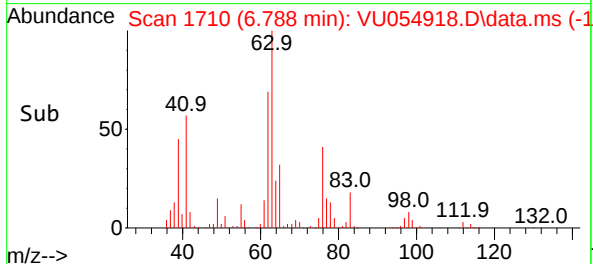
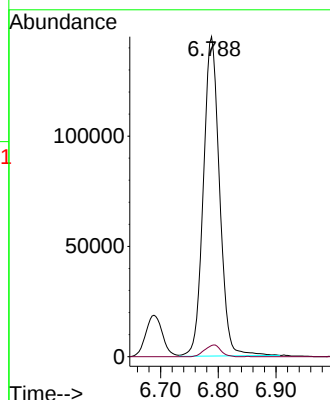
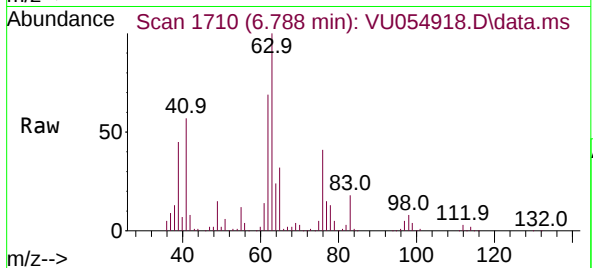




#37
1,2-Dichloropropane
Concen: 23.510 ug/L
RT: 6.788 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU054918.D
Acq: 28 Aug 2023 11:16

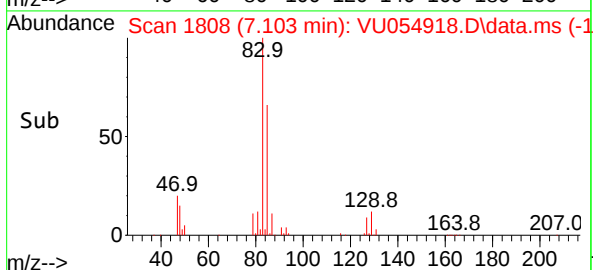
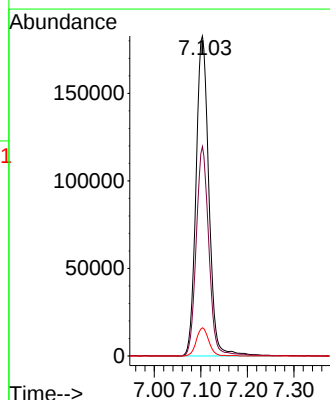
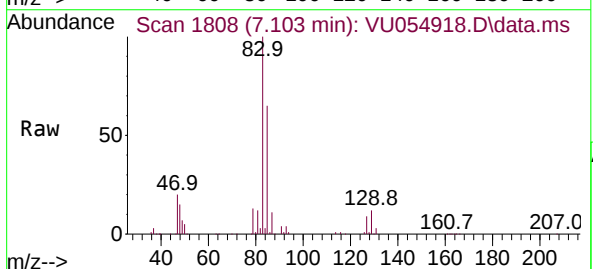
Instrument :
MSVOA_U
ClientSampleId :

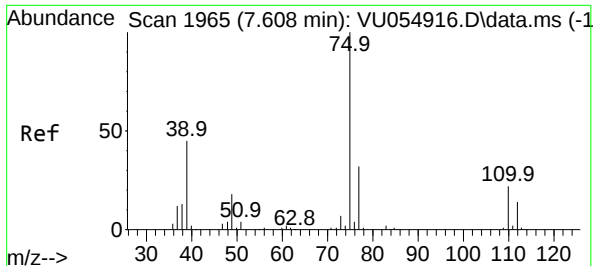
Tgt Ion: 63 Resp: 281991
Ion Ratio Lower Upper
63 100
112 3.7 2.7 4.1



#38
Bromodichloromethane
Concen: 22.860 ug/L
RT: 7.103 min Scan# 1808
Delta R.T. -0.003 min
Lab File: VU054918.D
Acq: 28 Aug 2023 11:16

Tgt Ion: 83 Resp: 349683
Ion Ratio Lower Upper
83 100
85 65.5 45.1 83.7
127 8.8 7.1 10.7





#39

cis-1,3-Dichloropropene

Concen: 24.150 ug/L

RT: 7.605 min Scan# 1965

Delta R.T. -0.003 min

Lab File: VU054918.D

Acq: 28 Aug 2023 11:16

Instrument :

MSVOA_U

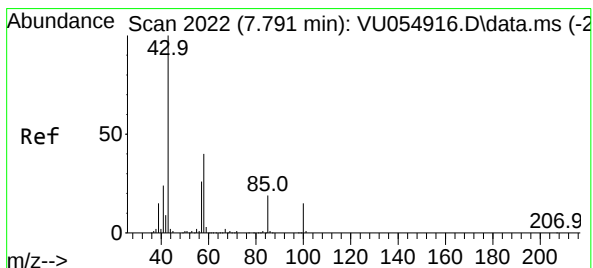
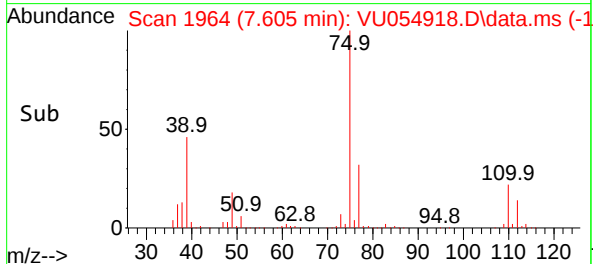
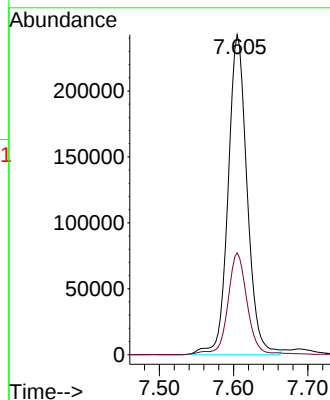
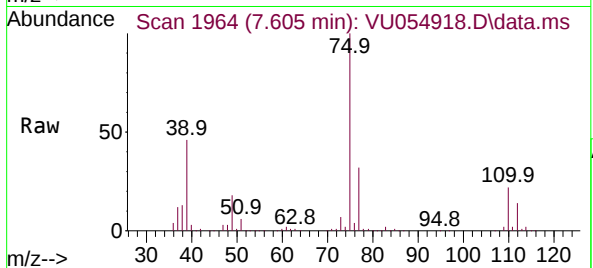
ClientSampleId :

Tgt Ion: 75 Resp: 431602

Ion Ratio Lower Upper

75 100

77 31.8 22.5 41.7



#40

4-Methyl-2-pentanone

Concen: 242.044 ug/L

RT: 7.788 min Scan# 2021

Delta R.T. -0.003 min

Lab File: VU054918.D

Acq: 28 Aug 2023 11:16

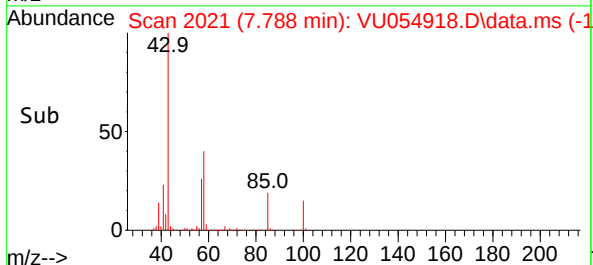
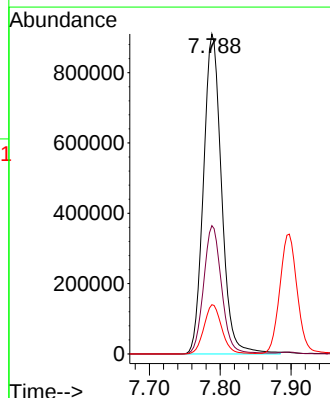
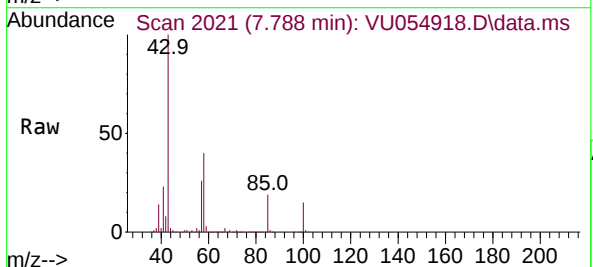
Tgt Ion: 43 Resp: 1611552

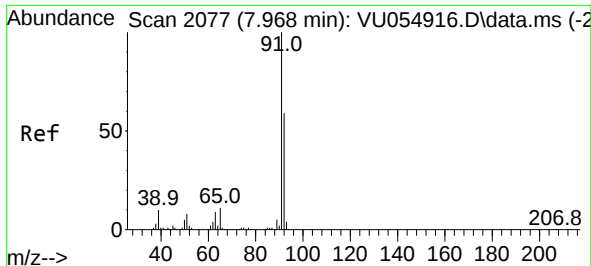
Ion Ratio Lower Upper

43 100

58 40.0 32.1 48.1

100 15.2 11.8 17.6





#42

Toluene

Concen: 23.942 ug/L

RT: 7.968 min Scan# 2077

Delta R.T. -0.000 min

Lab File: VU054918.D

Acq: 28 Aug 2023 11:16

Instrument :

MSVOA_U

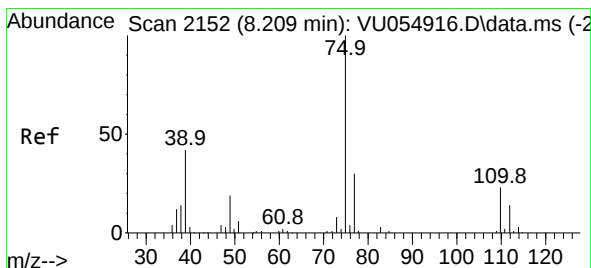
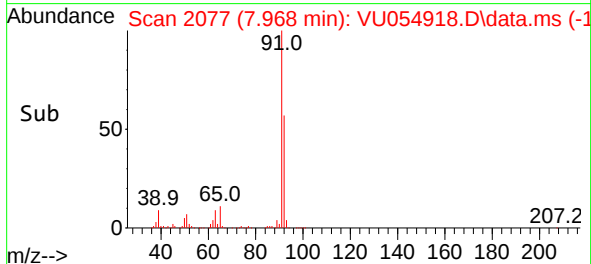
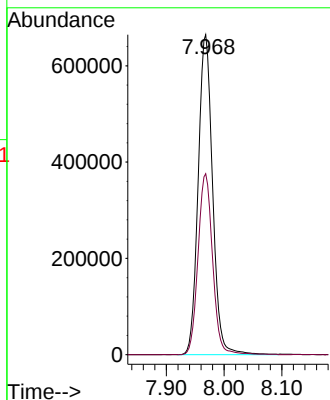
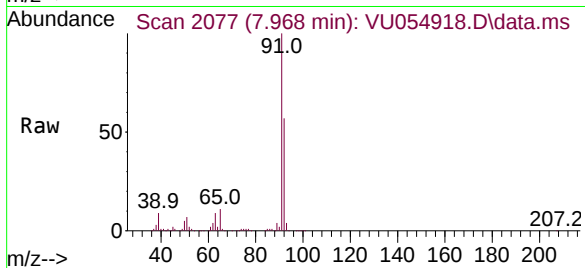
ClientSampleId :

Tgt Ion: 91 Resp: 1151667

Ion Ratio Lower Upper

91 100

92 56.5 41.2 76.4



#44

trans-1,3-Dichloropropene

Concen: 23.618 ug/L

RT: 8.209 min Scan# 2152

Delta R.T. -0.000 min

Lab File: VU054918.D

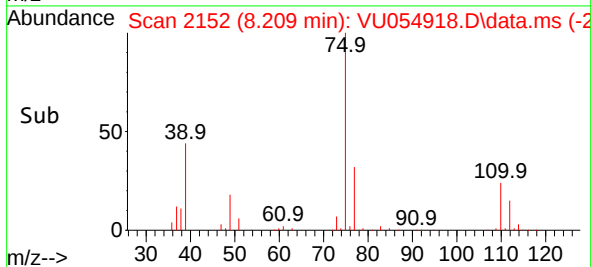
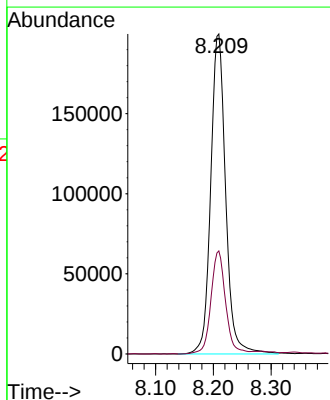
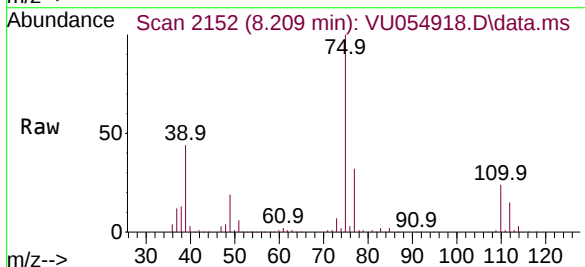
Acq: 28 Aug 2023 11:16

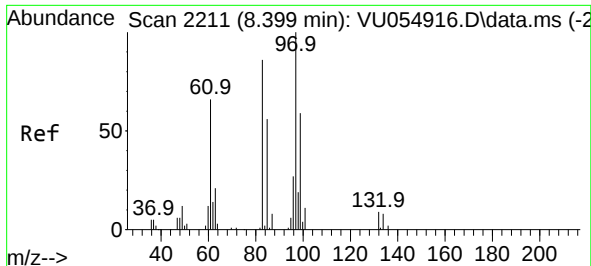
Tgt Ion: 75 Resp: 358789

Ion Ratio Lower Upper

75 100

77 32.2 21.3 39.5

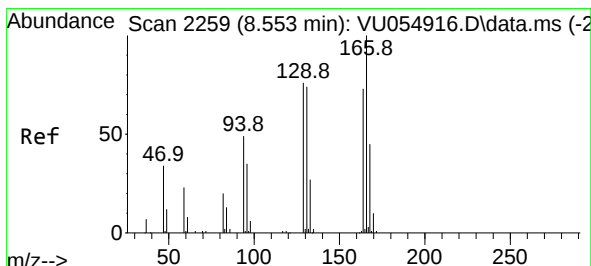
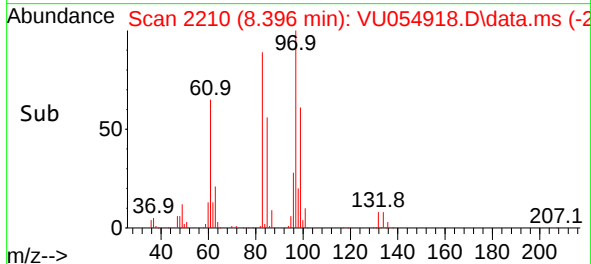
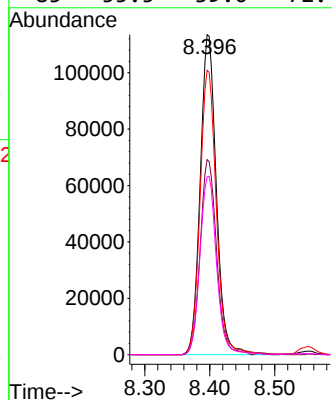
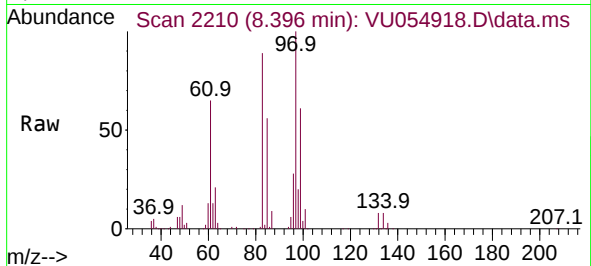




#45
1,1,2-Trichloroethane
Concen: 22.868 ug/L
RT: 8.396 min Scan# 2110
Delta R.T. -0.003 min
Lab File: VU054918.D
Acq: 28 Aug 2023 11:16

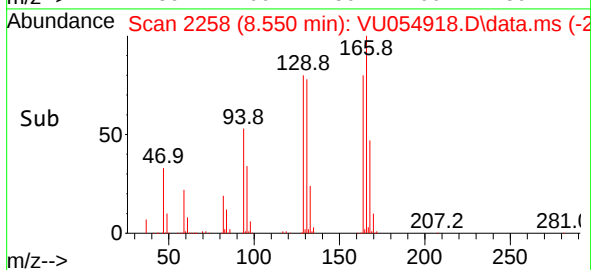
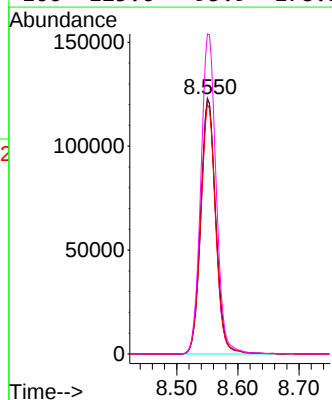
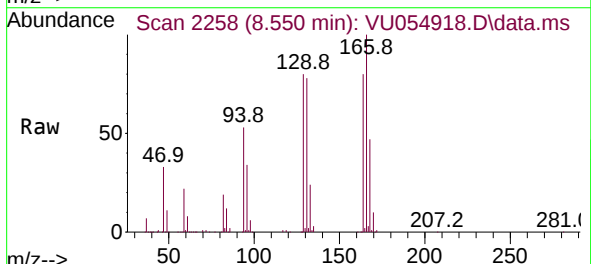
Instrument :
MSVOA_U
ClientSampleId :

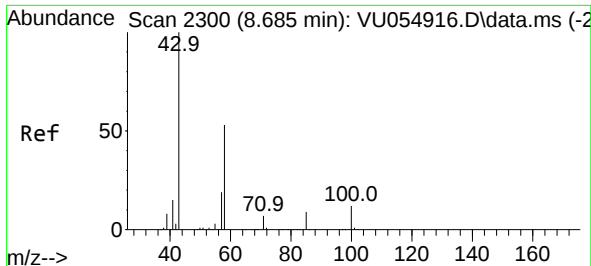
Tgt Ion:	97	Resp:	196448
Ion	Ratio	Lower	Upper
97	100		
99	60.9	41.5	77.1
83	88.9	59.8	111.1
85	55.5	39.0	72.4



#47
Tetrachloroethene
Concen: 21.041 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. -0.003 min
Lab File: VU054918.D
Acq: 28 Aug 2023 11:16

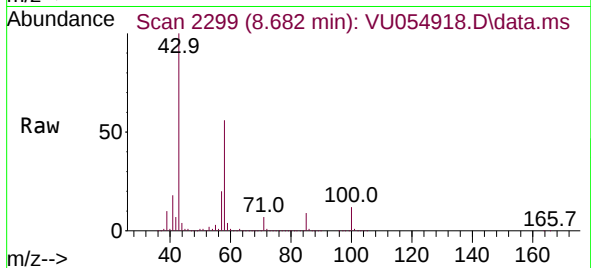
Tgt Ion:	164	Resp:	209380
Ion	Ratio	Lower	Upper
164	100		
129	100.4	72.8	135.2
131	97.9	70.7	131.3
166	125.6	95.9	178.1





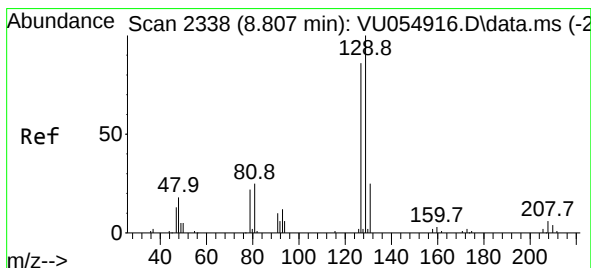
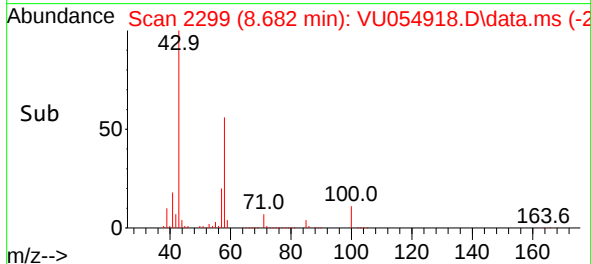
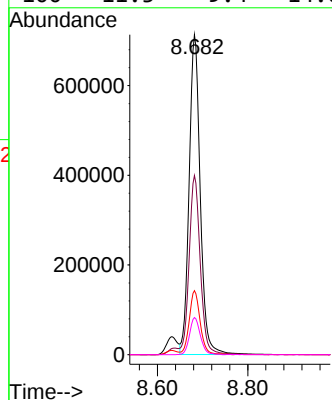
#48
2-Hexanone
Concen: 255.653 ug/L
RT: 8.682 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU054918.D
Acq: 28 Aug 2023 11:16

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 43 Resp: 1223146

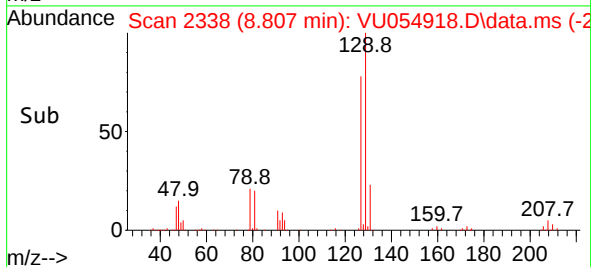
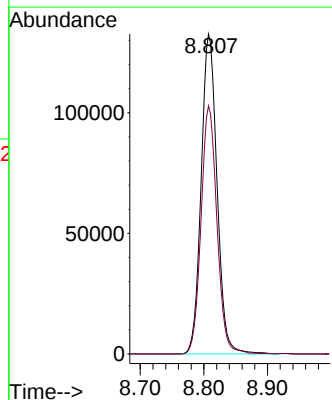
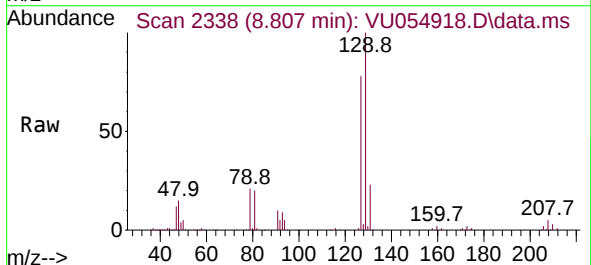
Ion	Ratio	Lower	Upper
43	100		
58	56.5	44.0	66.0
57	19.8	15.9	23.9
100	11.3	9.4	14.0

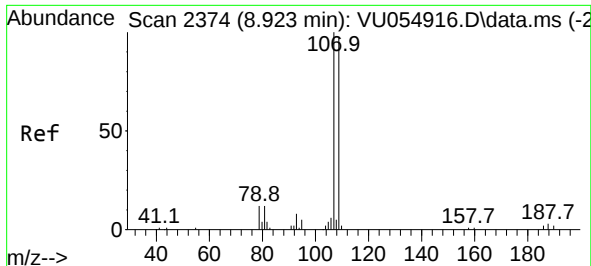


#49
Dibromochloromethane
Concen: 23.663 ug/L
RT: 8.807 min Scan# 2338
Delta R.T. -0.000 min
Lab File: VU054918.D
Acq: 28 Aug 2023 11:16

Tgt Ion: 129 Resp: 230166

Ion	Ratio	Lower	Upper
129	100		
127	77.5	60.5	112.5





#50

1,2-Dibromoethane

Concen: 23.192 ug/L

RT: 8.923 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU054918.D

Acq: 28 Aug 2023 11:16

Instrument :

MSVOA_U

ClientSampleId :

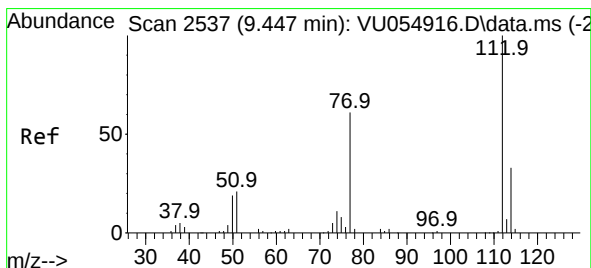
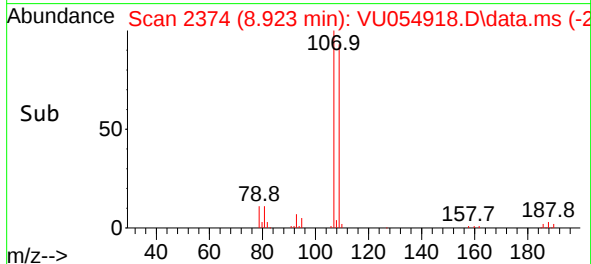
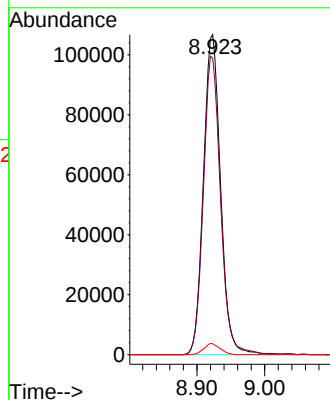
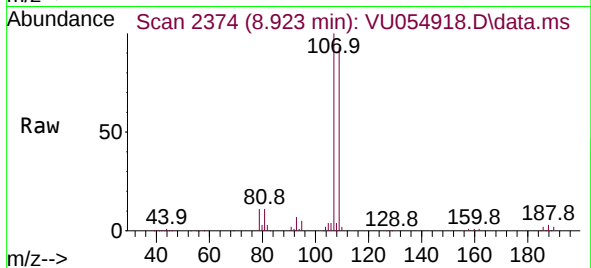
Tgt Ion:107 Resp: 187738

Ion Ratio Lower Upper

107 100

109 92.7 67.8 125.8

188 3.4 2.5 3.7



#51

Chlorobenzene

Concen: 23.888 ug/L

RT: 9.444 min Scan# 2536

Delta R.T. -0.003 min

Lab File: VU054918.D

Acq: 28 Aug 2023 11:16

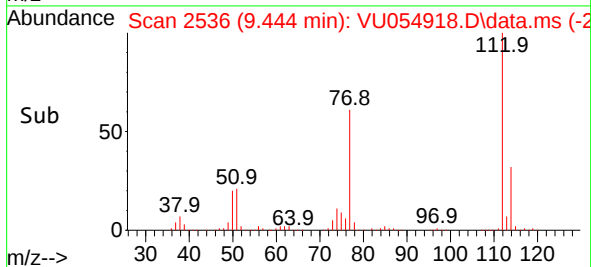
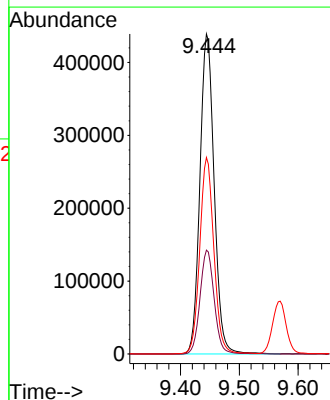
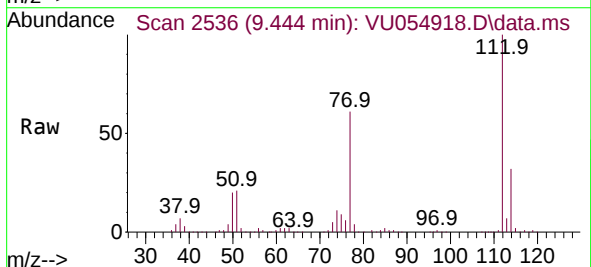
Tgt Ion:112 Resp: 739830

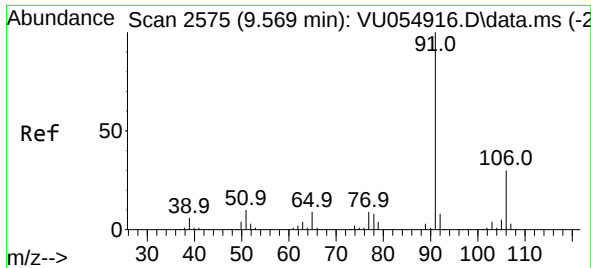
Ion Ratio Lower Upper

112 100

114 32.4 23.4 43.4

77 61.4 49.3 73.9

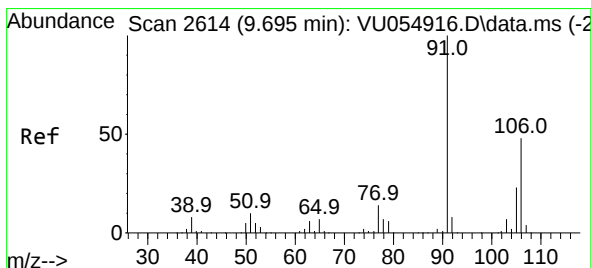
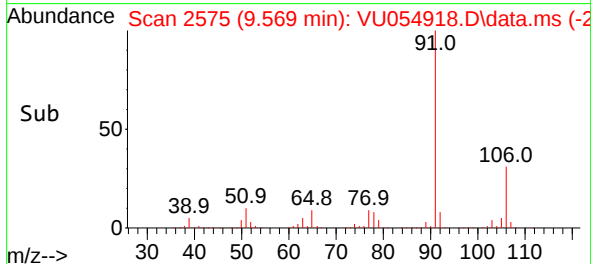
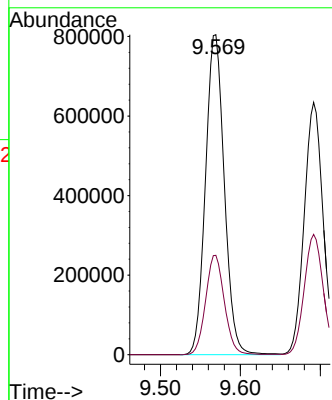
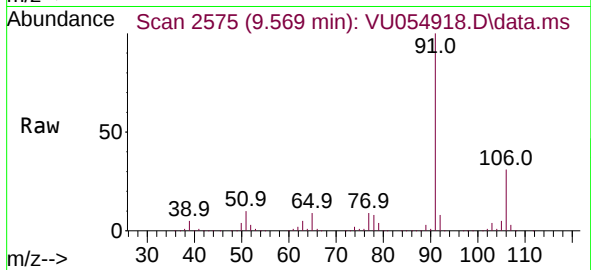




#52
Ethylbenzene
Concen: 25.108 ug/L
RT: 9.569 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU054918.D
Acq: 28 Aug 2023 11:16

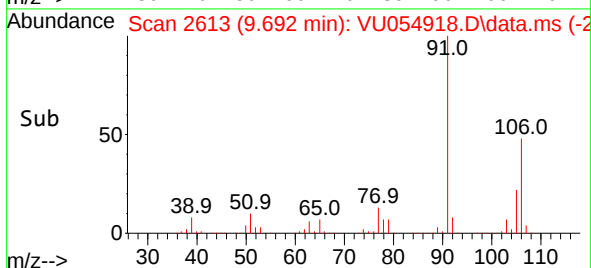
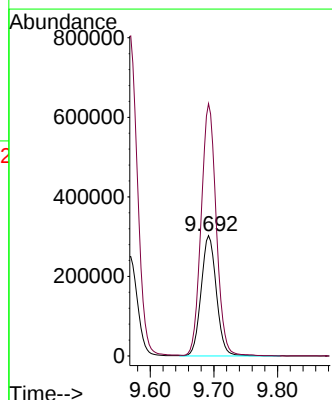
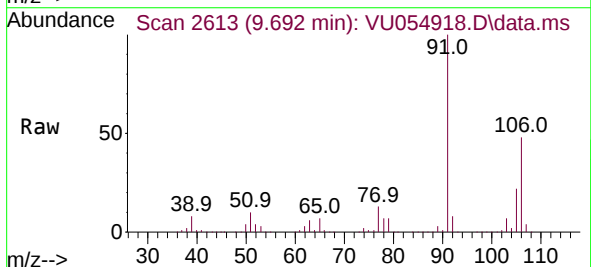
Instrument :
MSVOA_U
ClientSampleId :

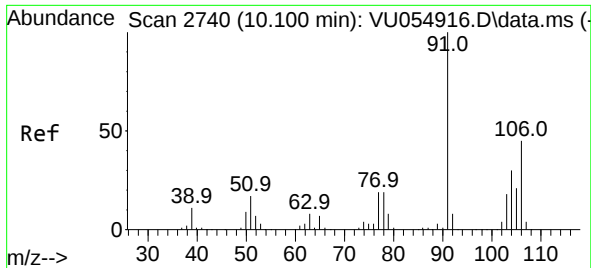
Tgt Ion: 91 Resp: 1317712
Ion Ratio Lower Upper
91 100
106 31.1 21.2 39.4



#53
m,p-Xylene
Concen: 25.279 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. -0.003 min
Lab File: VU054918.D
Acq: 28 Aug 2023 11:16

Tgt Ion:106 Resp: 502794
Ion Ratio Lower Upper
106 100
91 209.8 147.7 274.3

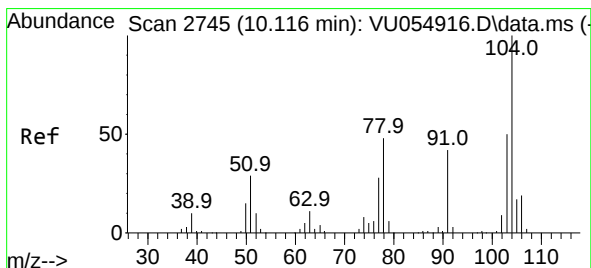
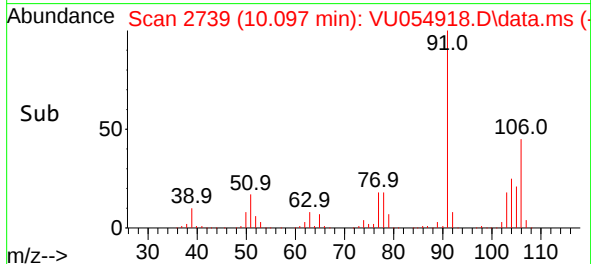
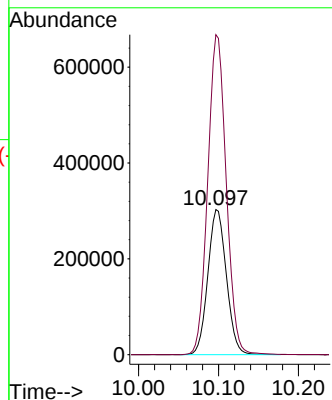
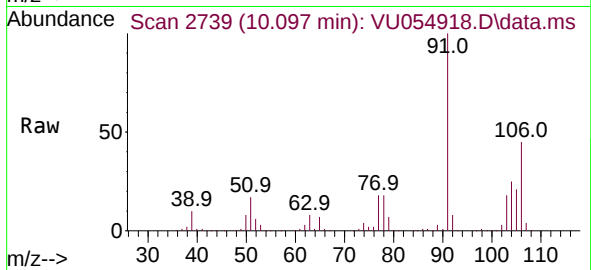




#54
o-Xylene
Concen: 26.273 ug/L
RT: 10.097 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU054918.D
Acq: 28 Aug 2023 11:16

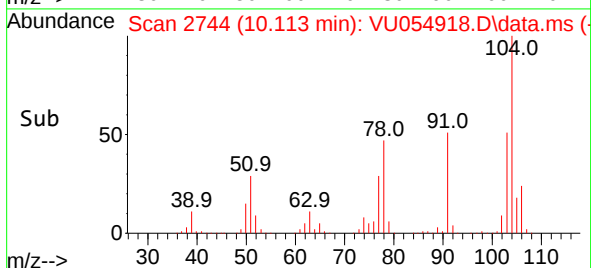
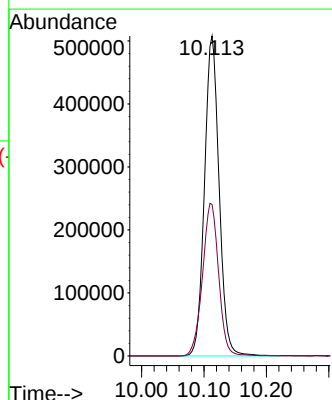
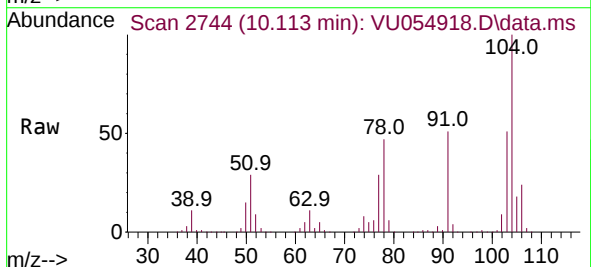
Instrument :
MSVOA_U
ClientSampleId :

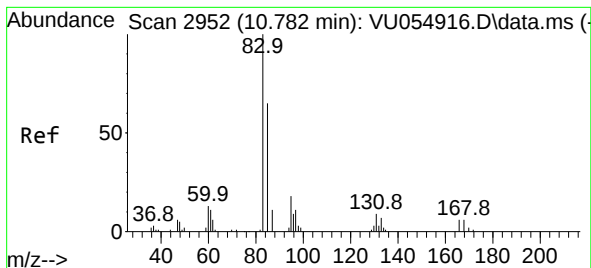
Tgt Ion:106 Resp: 488891
Ion Ratio Lower Upper
106 100
91 220.4 154.2 286.4



#55
Styrene
Concen: 26.422 ug/L
RT: 10.113 min Scan# 2744
Delta R.T. -0.003 min
Lab File: VU054918.D
Acq: 28 Aug 2023 11:16

Tgt Ion:104 Resp: 828534
Ion Ratio Lower Upper
104 100
78 47.4 33.7 62.7





#57

1,1,2,2-Tetrachloroethane

Concen: 23.162 ug/L

RT: 10.778 min Scan# 2951

Delta R.T. -0.003 min

Lab File: VU054918.D

Acq: 28 Aug 2023 11:16

Instrument :

MSVOA_U

ClientSampleId :

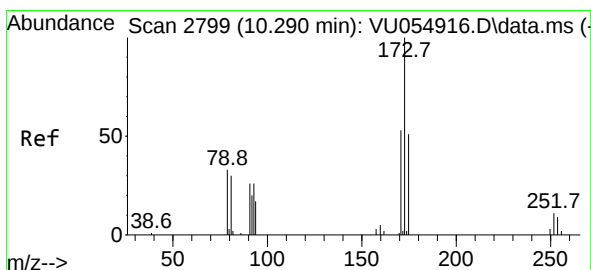
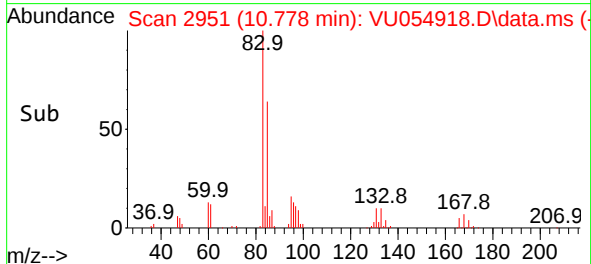
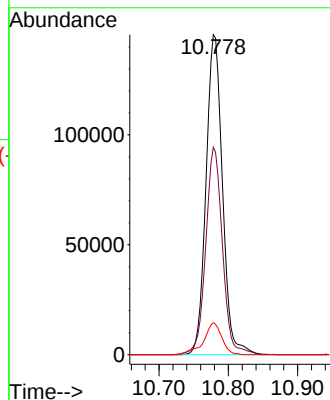
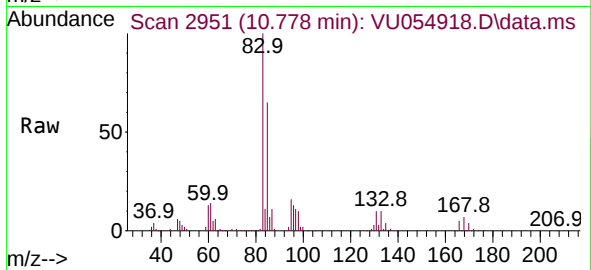
Tgt Ion: 83 Resp: 239268

Ion Ratio Lower Upper

83 100

85 64.8 46.1 85.5

131 10.0 7.7 11.5



#59

Bromoform

Concen: 20.657 ug/L

RT: 10.290 min Scan# 2799

Delta R.T. -0.000 min

Lab File: VU054918.D

Acq: 28 Aug 2023 11:16

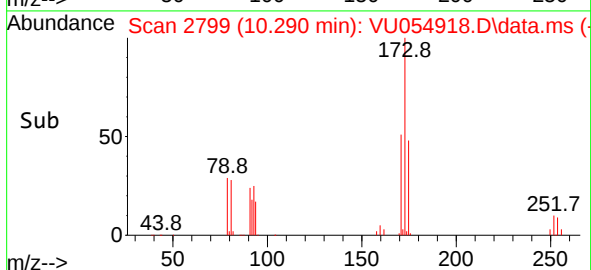
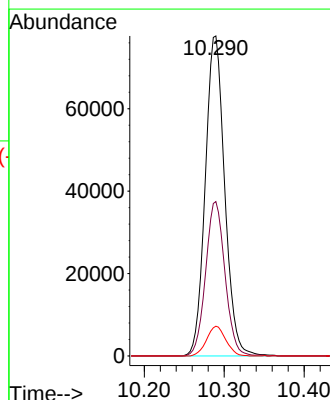
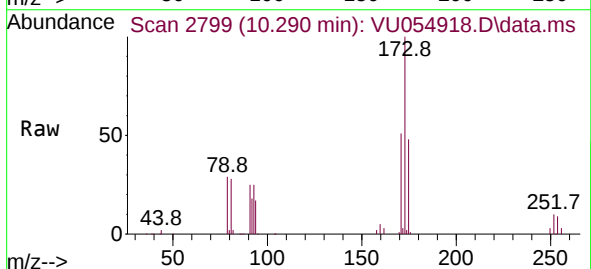
Tgt Ion:173 Resp: 131524

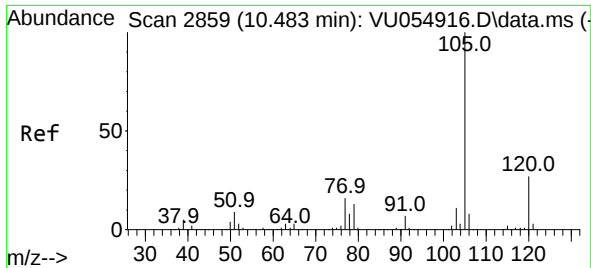
Ion Ratio Lower Upper

173 100

175 47.9 40.8 61.2

254 9.2 6.8 10.2

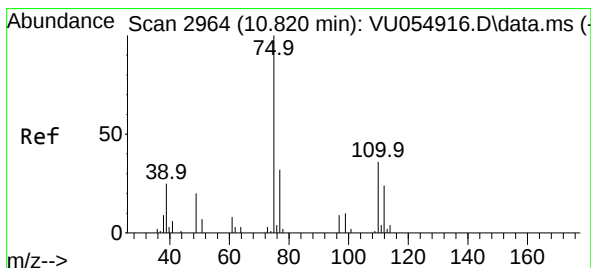
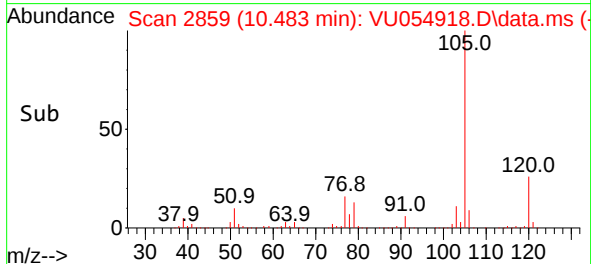
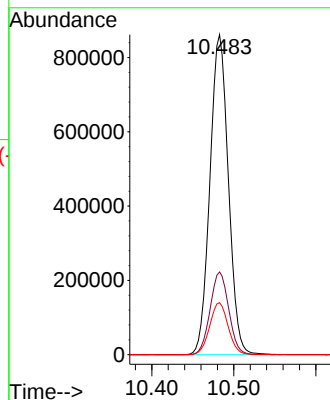
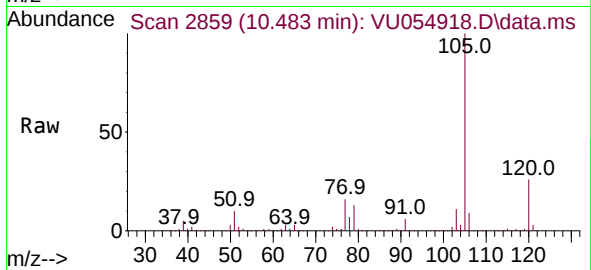




#60
Isopropylbenzene
Concen: 24.713 ug/L
RT: 10.483 min Scan# 2859
Delta R.T. -0.000 min
Lab File: VU054918.D
Acq: 28 Aug 2023 11:16

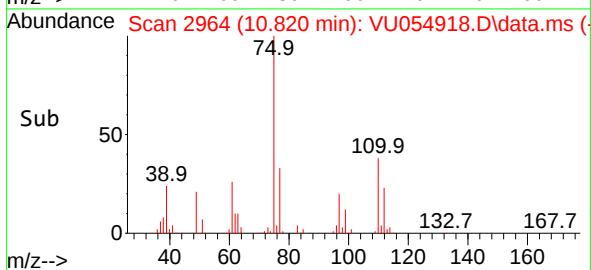
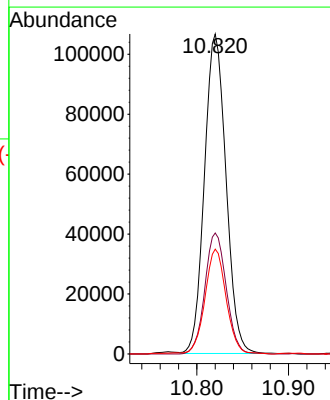
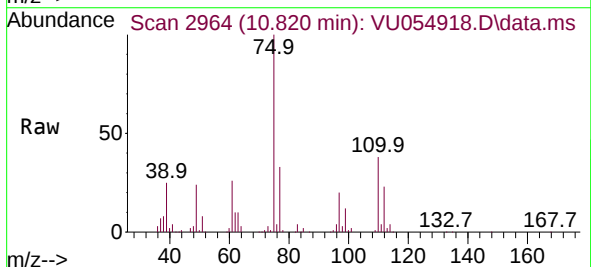
Instrument :
MSVOA_U
ClientSampleId :

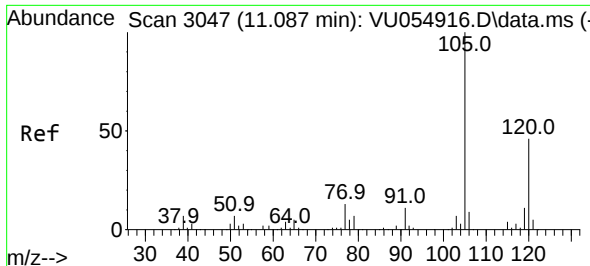
Tgt Ion:105 Resp: 1345696
Ion Ratio Lower Upper
105 100
120 26.1 20.8 31.2
77 16.3 13.0 19.4



#61
1,2,3-Trichloropropane
Concen: 21.141 ug/L
RT: 10.820 min Scan# 2964
Delta R.T. -0.000 min
Lab File: VU054918.D
Acq: 28 Aug 2023 11:16

Tgt Ion: 75 Resp: 174250
Ion Ratio Lower Upper
75 100
110 37.6 29.0 43.6
77 32.5 26.5 39.7

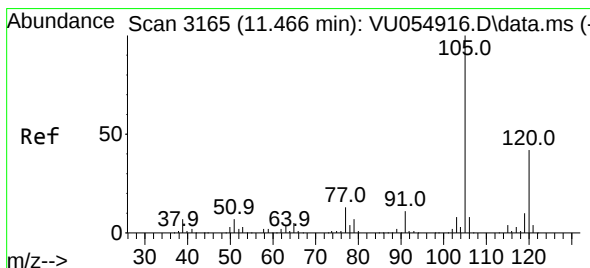
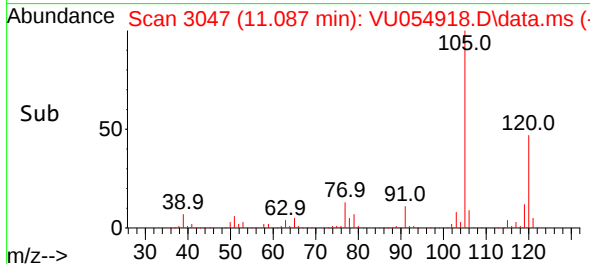
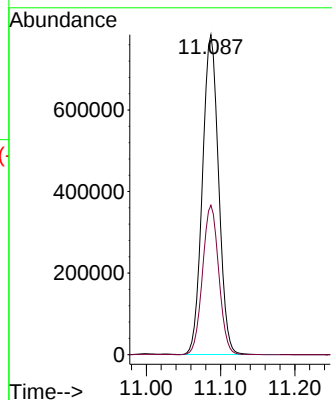
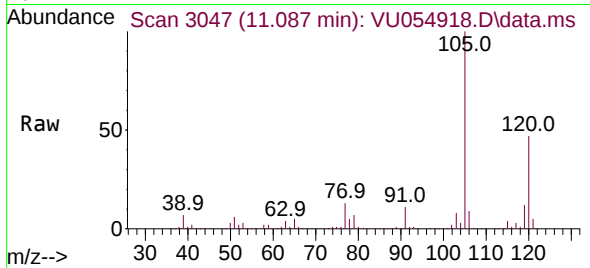




#62
1,3,5-Trimethylbenzene
Concen: 25.962 ug/L
RT: 11.087 min Scan# 3047
Delta R.T. -0.000 min
Lab File: VU054918.D
Acq: 28 Aug 2023 11:16

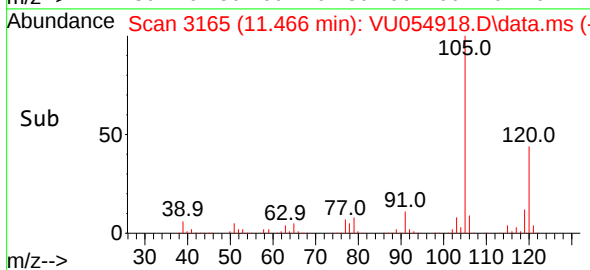
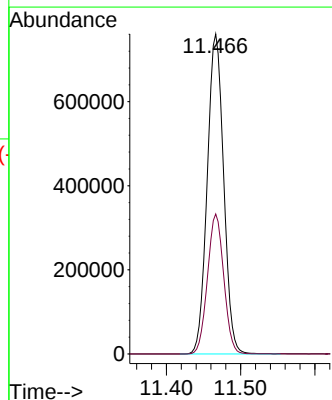
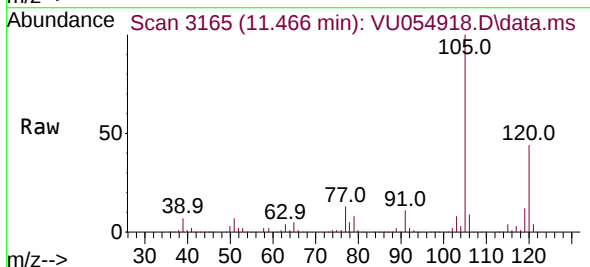
Instrument :
MSVOA_U
ClientSampleId :

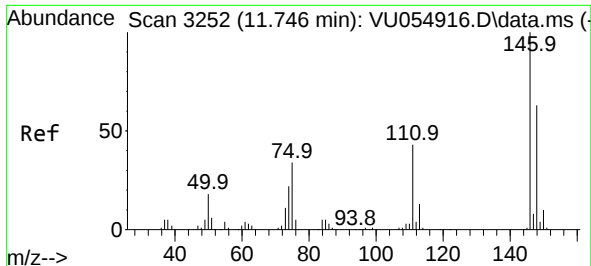
Tgt Ion:105 Resp: 1187167
Ion Ratio Lower Upper
105 100
120 46.9 37.4 56.2



#63
1,2,4-Trimethylbenzene
Concen: 26.828 ug/L
RT: 11.466 min Scan# 3165
Delta R.T. -0.000 min
Lab File: VU054918.D
Acq: 28 Aug 2023 11:16

Tgt Ion:105 Resp: 1164447
Ion Ratio Lower Upper
105 100
120 43.4 34.3 51.5

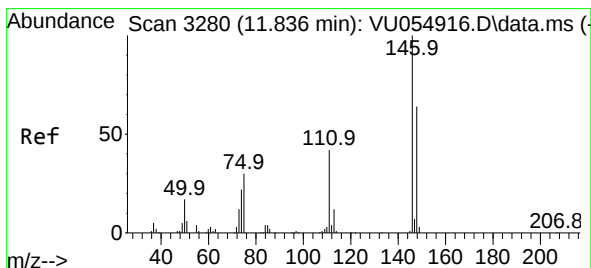
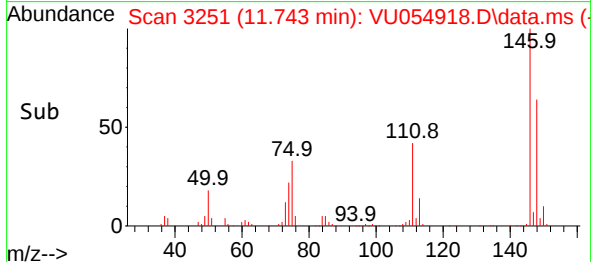
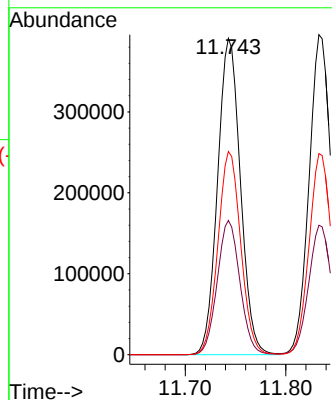
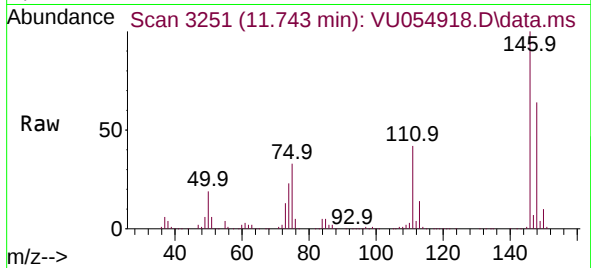




#64
1,3-Dichlorobenzene
Concen: 22.935 ug/L
RT: 11.743 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU054918.D
Acq: 28 Aug 2023 11:16

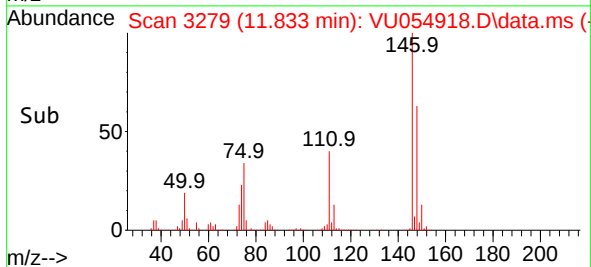
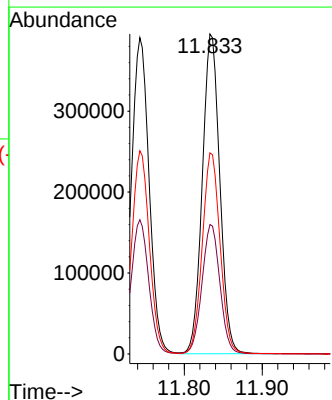
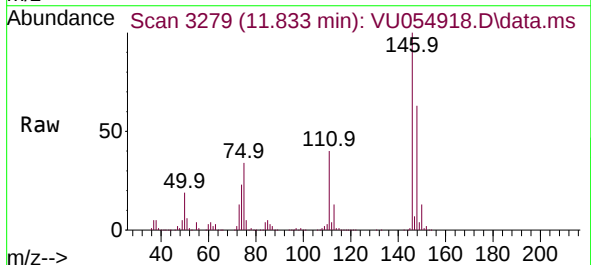
Instrument :
MSVOA_U
ClientSampleId :

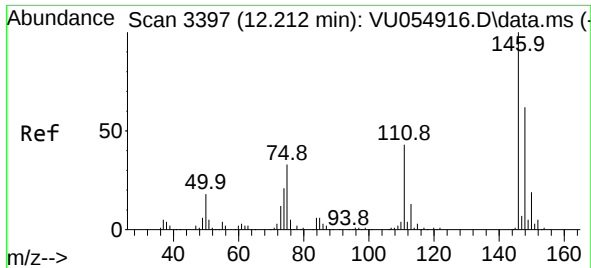
Tgt Ion:146 Resp: 617775
Ion Ratio Lower Upper
146 100
111 42.4 30.4 56.4
148 64.2 44.4 82.4



#65
1,4-Dichlorobenzene
Concen: 23.010 ug/L
RT: 11.833 min Scan# 3279
Delta R.T. -0.003 min
Lab File: VU054918.D
Acq: 28 Aug 2023 11:16

Tgt Ion:146 Resp: 615960
Ion Ratio Lower Upper
146 100
111 40.4 29.9 55.5
148 62.9 44.7 83.1





#67

1,2-Dichlorobenzene

Concen: 22.979 ug/L

RT: 12.209 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU054918.D

Acq: 28 Aug 2023 11:16

Instrument :

MSVOA_U

ClientSampleId :

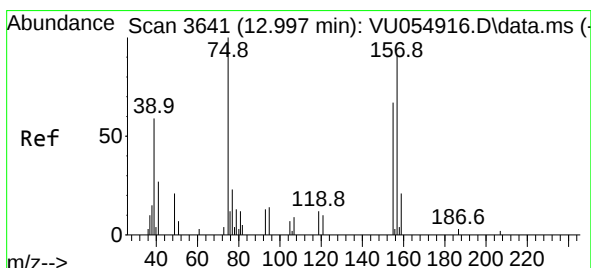
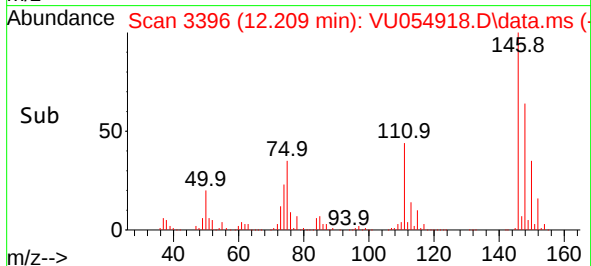
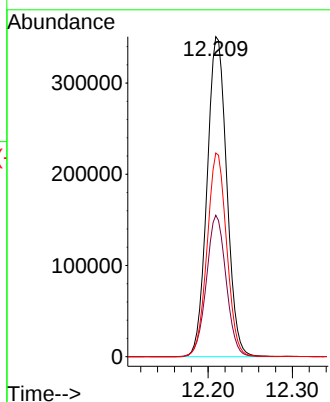
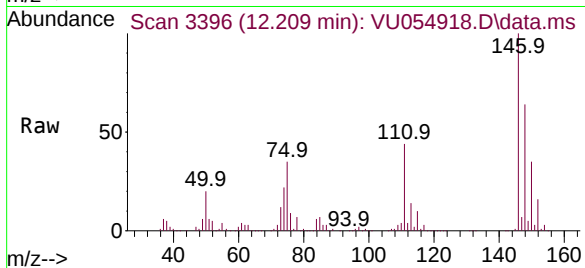
Tgt Ion:146 Resp: 569503

Ion Ratio Lower Upper

146 100

111 44.2 34.9 52.3

148 63.7 49.4 74.0



#68

1,2-Dibromo-3-chloropropane

Concen: 20.095 ug/L

RT: 12.994 min Scan# 3640

Delta R.T. -0.003 min

Lab File: VU054918.D

Acq: 28 Aug 2023 11:16

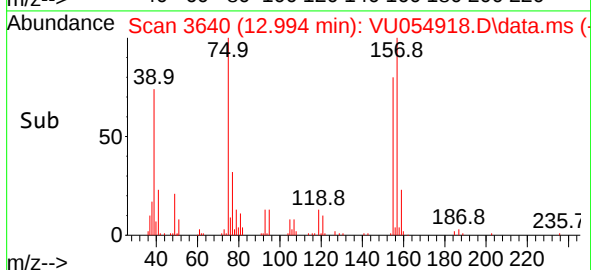
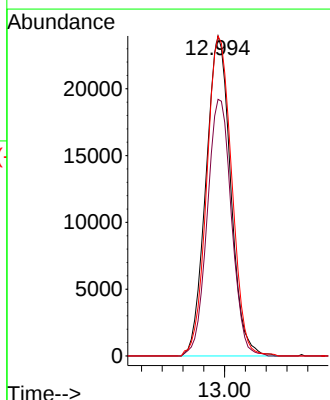
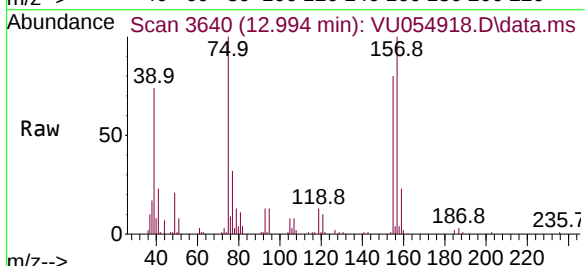
Tgt Ion: 75 Resp: 39487

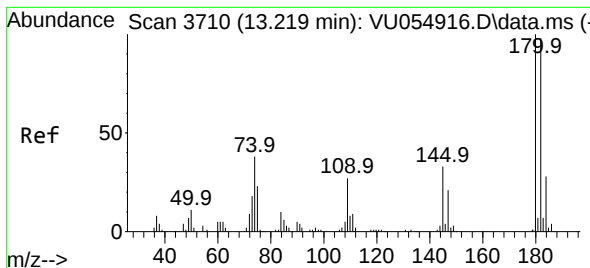
Ion Ratio Lower Upper

75 100

155 80.2 53.3 79.9#

157 99.9 69.5 104.3





#69

1,3,5-Trichlorobenzene

Concen: 23.624 ug/L

RT: 13.219 min Scan# 3710

Delta R.T. -0.000 min

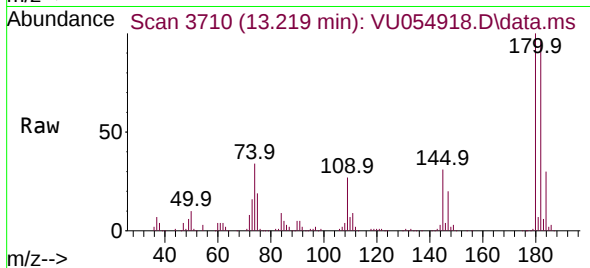
Lab File: VU054918.D

Acq: 28 Aug 2023 11:16

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 464210

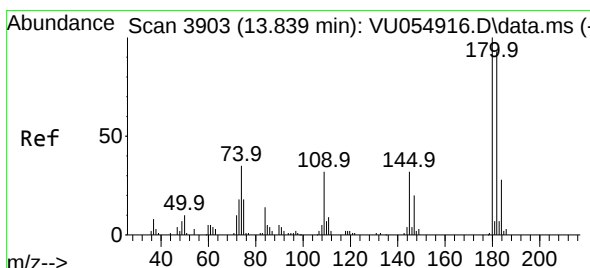
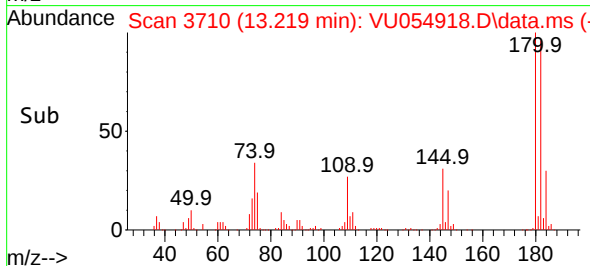
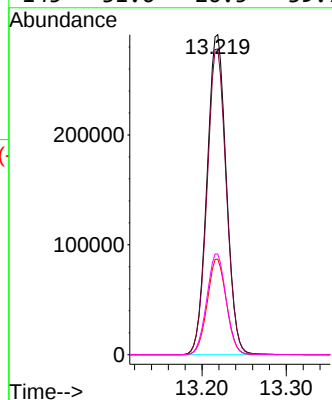
Ion Ratio Lower Upper

180 100

182 95.5 76.6 114.8

184 29.8 23.6 35.4

145 31.6 26.5 39.7



#70

1,2,4-trichlorobenzene

Concen: 23.746 ug/L

RT: 13.836 min Scan# 3902

Delta R.T. -0.003 min

Lab File: VU054918.D

Acq: 28 Aug 2023 11:16

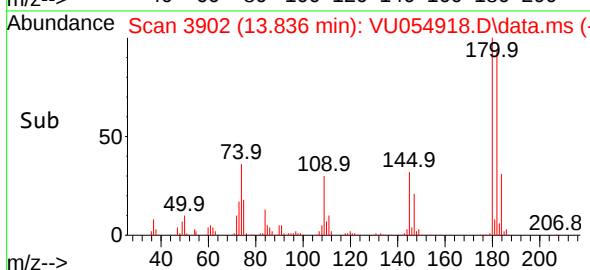
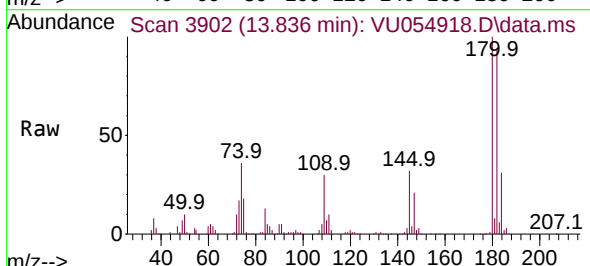
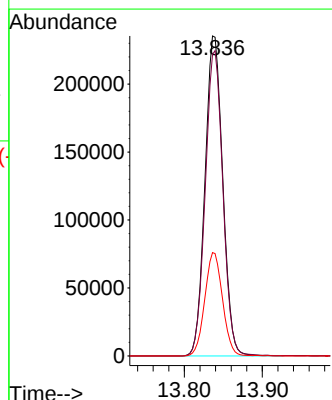
Tgt Ion:180 Resp: 372669

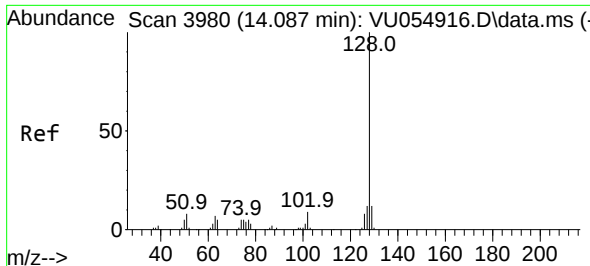
Ion Ratio Lower Upper

180 100

182 94.6 74.9 112.3

145 32.2 25.8 38.8

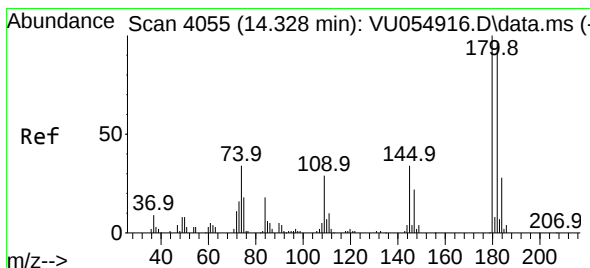
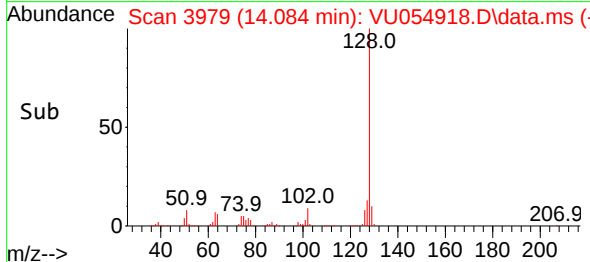
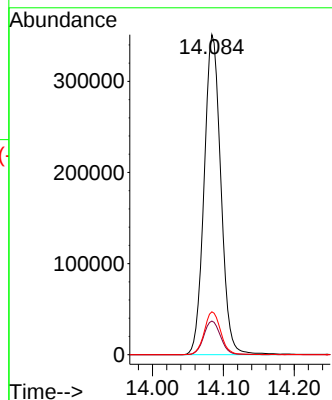
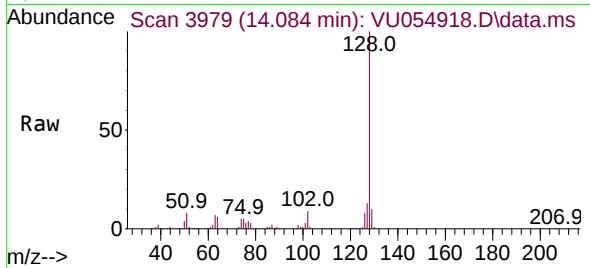




#71
Naphthalene
Concen: 23.516 ug/L
RT: 14.084 min Scan# 3980
Delta R.T. -0.003 min
Lab File: VU054918.D
Acq: 28 Aug 2023 11:16

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 575873
Ion Ratio Lower Upper
128 100
129 10.6 8.6 12.8
127 13.2 9.3 13.9



#72
1,2,3-Trichlorobenzene
Concen: 23.301 ug/L
RT: 14.328 min Scan# 4055
Delta R.T. -0.000 min
Lab File: VU054918.D
Acq: 28 Aug 2023 11:16

Tgt Ion:180 Resp: 321507
Ion Ratio Lower Upper
180 100
182 96.3 77.7 116.5
145 34.6 28.1 42.1

