

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111323\
 Data File : VU056252.D
 Acq On : 13 Nov 2023 14:50
 Operator : MD/SY
 Sample : VSTD001
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 13 23:30:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Nov 13 23:28:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	310228	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	296949	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	137073	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	22981	0.990	ug/L	0.00
7) Chloroethane-d5	1.911	69	17765	0.999	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.563	65	10027	0.979	ug/L	0.00
20) 2-Butanone-d5	4.634	46	42397	9.303	ug/L	0.02
24) Chloroform-d	5.058	84	44956	1.002	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.698	65	20256	0.977	ug/L	0.00
32) Benzene-d6	5.724	84	87845	0.993	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.689	67	25948	0.973	ug/L	0.00
41) Toluene-d8	7.894	98	75192	0.962	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.177	79	9278	0.907	ug/L	0.00
46) 2-Hexanone-d5	8.631	63	34193	8.508	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.753	84	18300	0.960	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.190	152	24647	0.973	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	23110	0.940	ug/L	99
3) Chloromethane	1.518	50	23249	0.926	ug/L	96
5) Vinyl chloride	1.602	62	23154	0.957	ug/L	97
6) Bromomethane	1.856	94	10647	0.869	ug/L	85
8) Chloroethane	1.930	64	13867	0.938	ug/L	100
9) Trichlorofluoromethane	2.136	101	31825	0.913	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	18419	0.890	ug/L	96
12) 1,1-Dichloroethene	2.576	96	17450	0.919	ug/L	94
13) Acetone	2.634	43	36621	9.293	ug/L	98
14) Carbon disulfide	2.792	76	56584	0.916	ug/L	99
15) Methyl Acetate	2.959	43	6140	0.912	ug/L	100
16) Methylene chloride	3.042	84	25419	1.011	ug/L	93
17) Methyl tert-butyl Ether	3.357	73	40446	0.877	ug/L	99
18) trans-1,2-Dichloroethene	3.351	96	16980	0.869	ug/L	98
19) 1,1-Dichloroethane	3.866	63	35210	0.910	ug/L	99
21) 2-Butanone	4.714	43	43099	8.721	ug/L	97
22) cis-1,2-Dichloroethene	4.660	96	19981	0.902	ug/L	96
23) Bromochloromethane	4.972	128	7876	0.864	ug/L #	89
25) Chloroform	5.081	83	39278	0.937	ug/L	99
27) 1,2-Dichloroethane	5.791	62	21879	0.919	ug/L	97
29) 1,1,1-Trichloroethane	5.312	97	30617	0.898	ug/L	99
30) Cyclohexane	5.380	56	27157	0.839	ug/L	99
31) Carbon tetrachloride	5.518	117	26574	0.908	ug/L	96
33) Benzene	5.772	78	75206	0.888	ug/L	100
34) Trichloroethene	6.541	95	19854	0.860	ug/L	96
35) Methylcyclohexane	6.759	83	27808	0.834	ug/L	97
37) 1,2-Dichloropropane	6.788	63	19719	0.892	ug/L #	93
38) Bromodichloromethane	7.100	83	26131	0.916	ug/L	98
39) cis-1,3-Dichloropropene	7.605	75	28116	0.866	ug/L	95
40) 4-Methyl-2-pentanone	7.785	43	92049	8.404	ug/L	98
42) Toluene	7.965	91	75651	0.862	ug/L	96
44) trans-1,3-Dichloropropene	8.209	75	21773	0.841	ug/L	97

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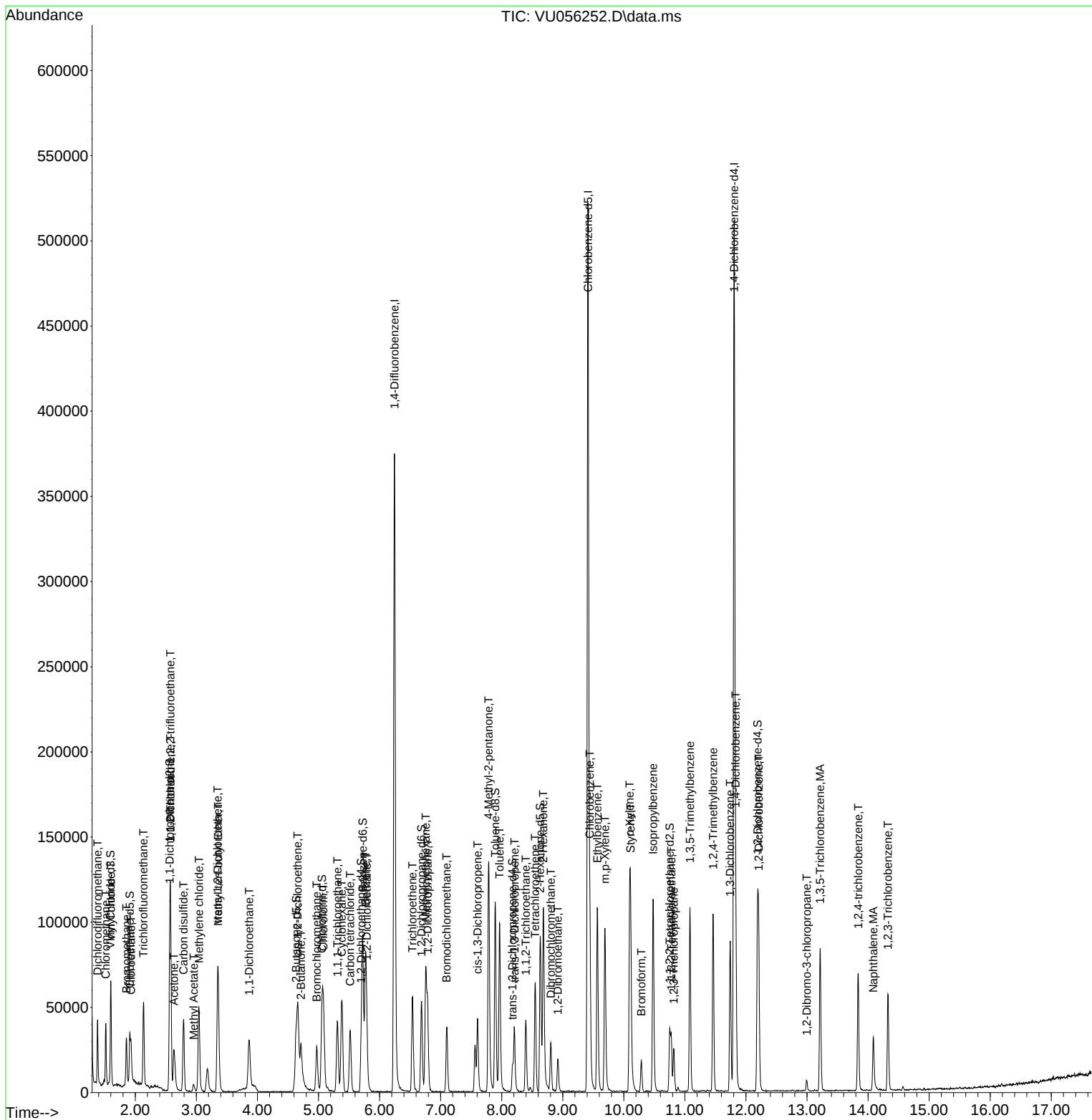
Quant Time: Nov 13 23:30:09 2023
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Nov 13 23:28:53 2023
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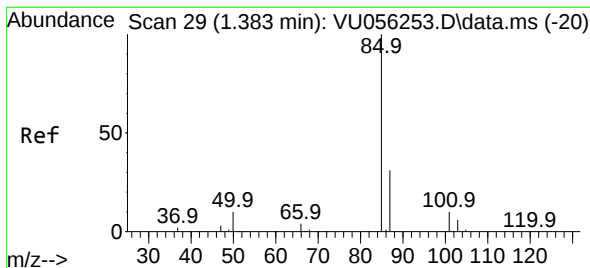
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	8.396	97	13701	0.931	ug/L	92
47) Tetrachloroethene	8.550	164	13660	0.877	ug/L	95
48) 2-Hexanone	8.682	43	67190	7.874	ug/L	98
49) Dibromochloromethane	8.804	129	14732	0.880	ug/L	96
50) 1,2-Dibromoethane	8.920	107	12241	0.881	ug/L	100
51) Chlorobenzene	9.444	112	50821	0.902	ug/L	98
52) Ethylbenzene	9.566	91	81167	0.833	ug/L	98
53) m,p-Xylene	9.692	106	29197	0.815	ug/L	96
54) o-Xylene	10.097	106	28079	0.807	ug/L	96
55) Styrene	10.113	104	46100	0.797	ug/L	93
57) 1,1,2,2-Tetrachloroethane	10.778	83	15924	0.886	ug/L	98
59) Bromoform	10.286	173	7838	0.918	ug/L	100
60) Isopropylbenzene	10.479	105	76963	0.871	ug/L	99
61) 1,2,3-Trichloropropane	10.820	75	11038	0.939	ug/L	96
62) 1,3,5-Trimethylbenzene	11.084	105	60568	0.834	ug/L	97
63) 1,2,4-Trimethylbenzene	11.463	105	58321	0.814	ug/L	96
64) 1,3-Dichlorobenzene	11.743	146	36763	0.914	ug/L	95
65) 1,4-Dichlorobenzene	11.833	146	36473	0.904	ug/L	98
67) 1,2-Dichlorobenzene	12.209	146	33207	0.900	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.994	75	1846	0.735	ug/L	91
69) 1,3,5-Trichlorobenzene	13.216	180	25910	0.856	ug/L	99
70) 1,2,4-trichlorobenzene	13.839	180	21518	0.873	ug/L	98
71) Naphthalene	14.087	128	28222	0.757	ug/L	98
72) 1,2,3-Trichlorobenzene	14.325	180	17045	0.839	ug/L	99

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

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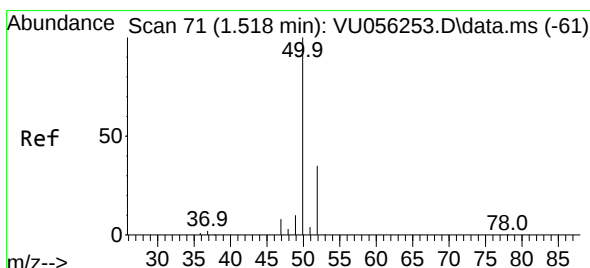
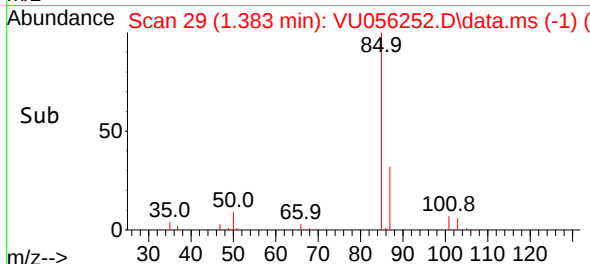
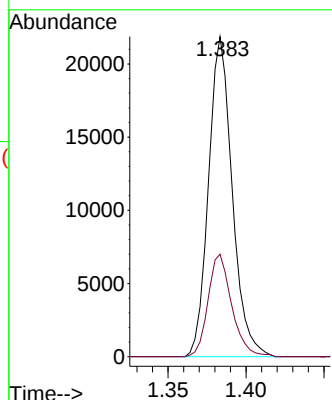
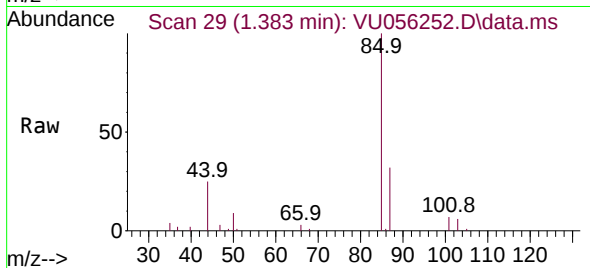




#2
 Dichlorodifluoromethane
 Concen: 0.940 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. -0.000 min
 Lab File: VU056252.D
 Acq: 13 Nov 2023 14:50

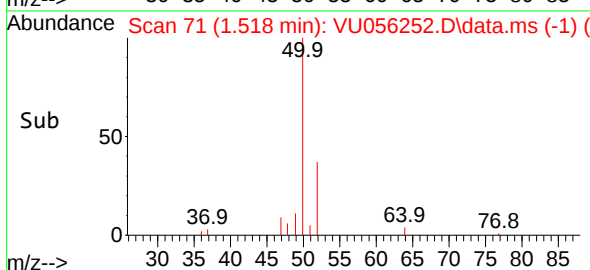
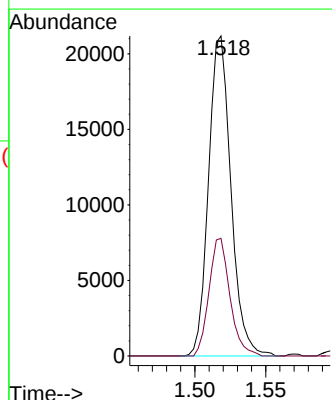
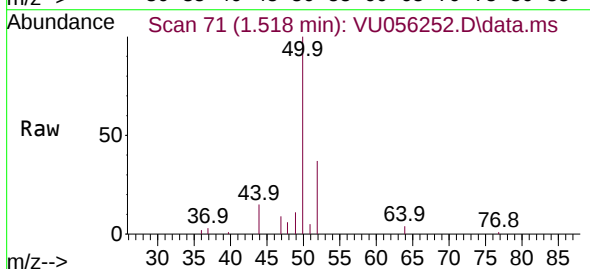
Instrument :
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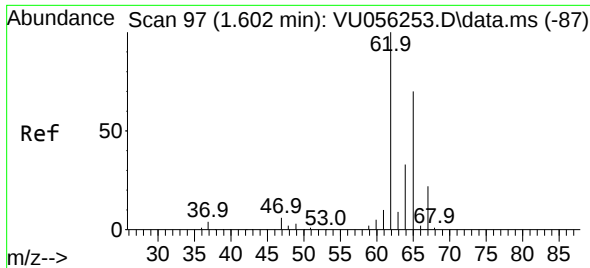
Tgt Ion: 85 Resp: 23110
 Ion Ratio Lower Upper
 85 100
 87 31.9 25.0 37.4



#3
 Chloromethane
 Concen: 0.926 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VU056252.D
 Acq: 13 Nov 2023 14:50

Tgt Ion: 50 Resp: 23249
 Ion Ratio Lower Upper
 50 100
 52 36.8 24.3 45.1

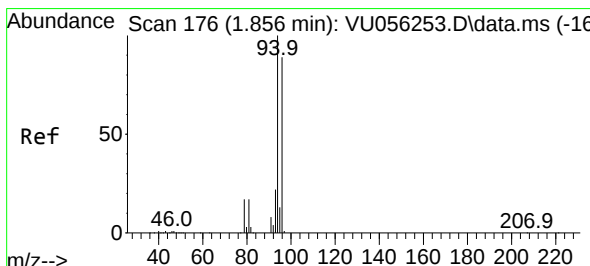
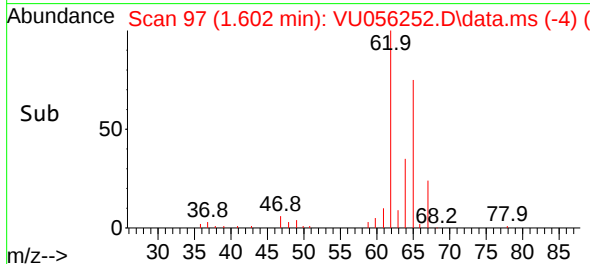
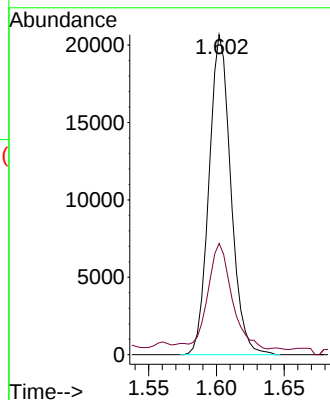
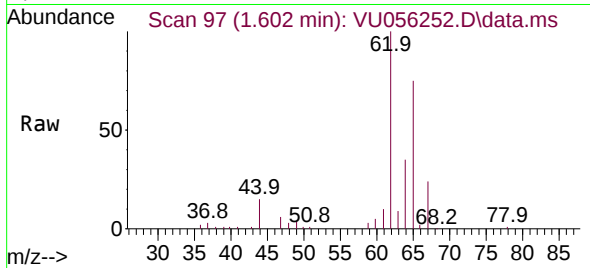




#5
 Vinyl chloride
 Concen: 0.957 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VU056252.D
 Acq: 13 Nov 2023 14:50

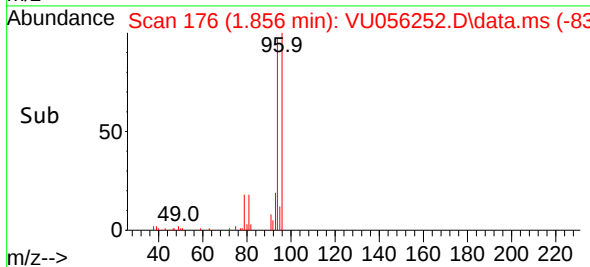
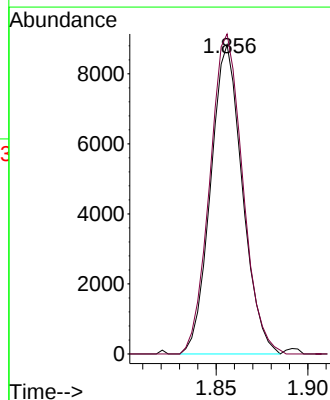
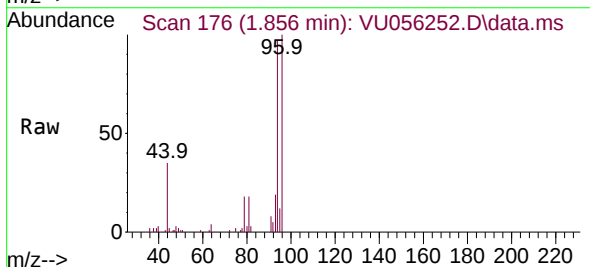
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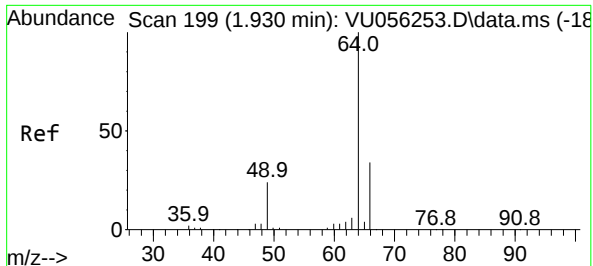
Tgt Ion: 62 Resp: 23154
 Ion Ratio Lower Upper
 62 100
 64 34.8 23.3 43.3



#6
 Bromomethane
 Concen: 0.869 ug/L
 RT: 1.856 min Scan# 176
 Delta R.T. -0.000 min
 Lab File: VU056252.D
 Acq: 13 Nov 2023 14:50

Tgt Ion: 94 Resp: 10647
 Ion Ratio Lower Upper
 94 100
 96 103.5 62.6 116.2

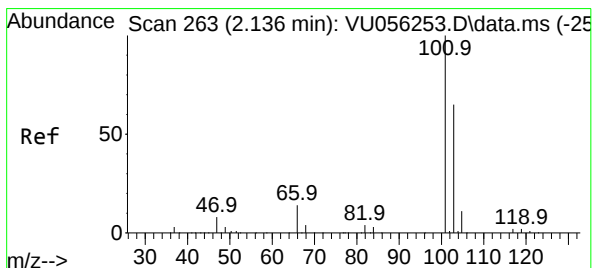
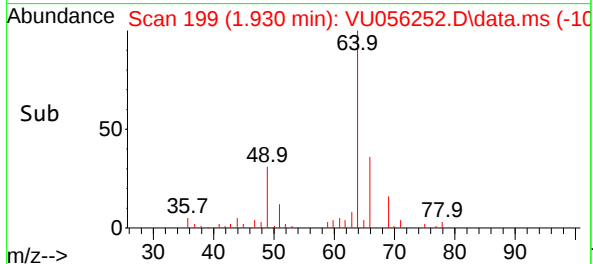
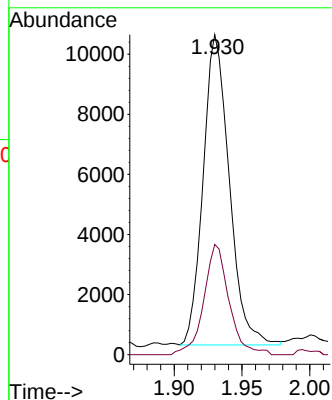
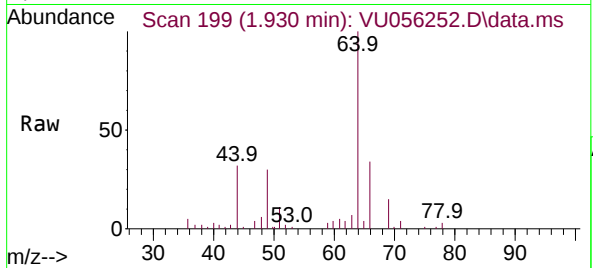




#8
Chloroethane
Concen: 0.938 ug/L
RT: 1.930 min Scan# 199
Delta R.T. -0.000 min
Lab File: VU056252.D
Acq: 13 Nov 2023 14:50

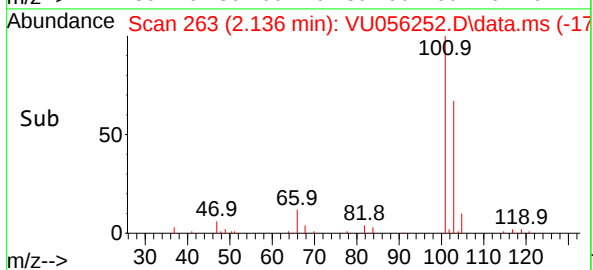
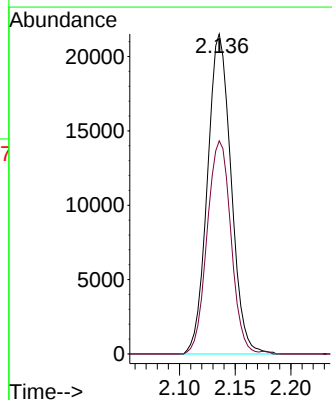
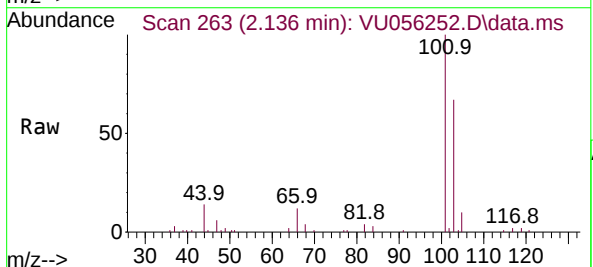
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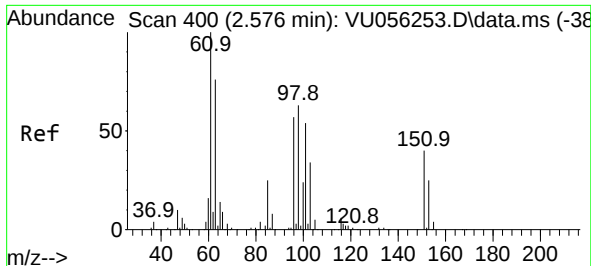
Tgt Ion: 64 Resp: 13867
Ion Ratio Lower Upper
64 100
66 34.5 23.9 44.5



#9
Trichlorofluoromethane
Concen: 0.913 ug/L
RT: 2.136 min Scan# 263
Delta R.T. -0.000 min
Lab File: VU056252.D
Acq: 13 Nov 2023 14:50

Tgt Ion:101 Resp: 31825
Ion Ratio Lower Upper
101 100
103 66.9 52.0 78.0

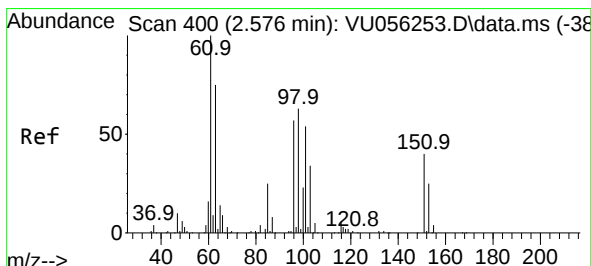
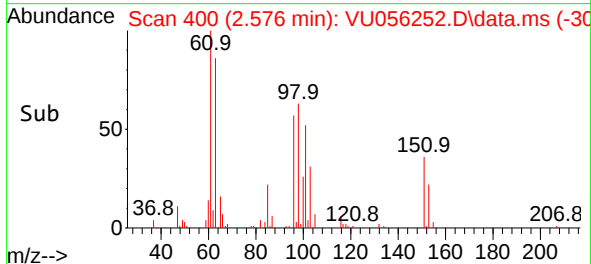
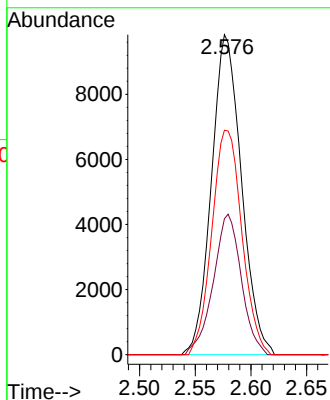
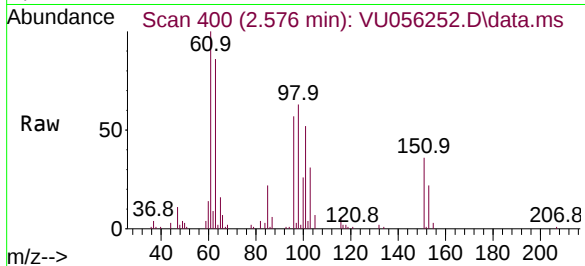




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.890 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. -0.000 min
 Lab File: VU056252.D
 Acq: 13 Nov 2023 14:50

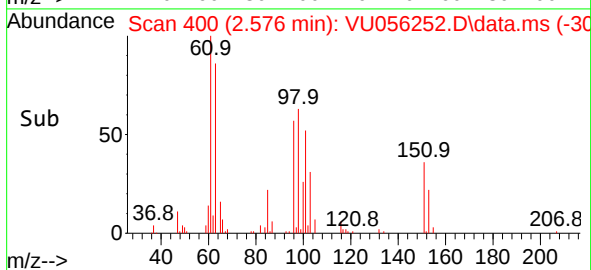
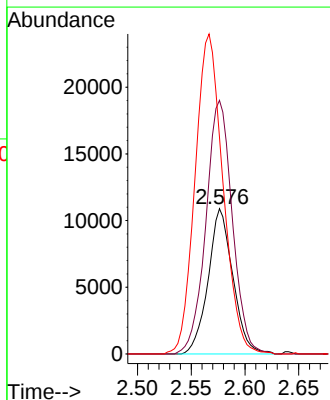
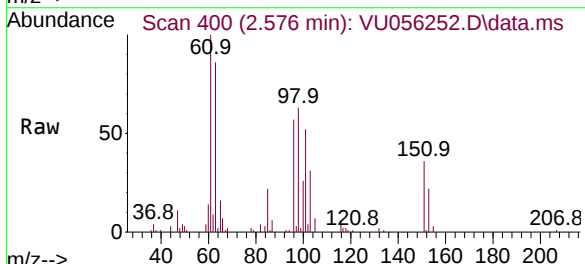
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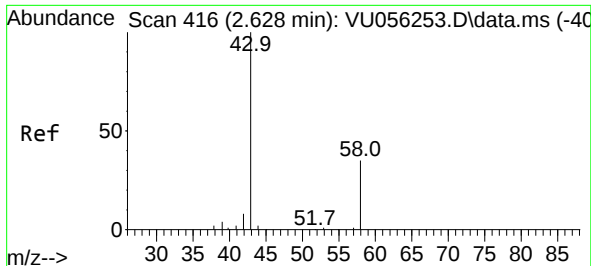
Tgt Ion:101 Resp: 18419
 Ion Ratio Lower Upper
 101 100
 85 41.1 35.4 53.0
 151 70.2 58.0 87.0



#12
 1,1-Dichloroethene
 Concen: 0.919 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. -0.000 min
 Lab File: VU056252.D
 Acq: 13 Nov 2023 14:50

Tgt Ion: 96 Resp: 17450
 Ion Ratio Lower Upper
 96 100
 61 174.5 123.1 228.7
 63 149.3 93.3 173.3





#13

Acetone

Concen: 9.293 ug/L

RT: 2.634 min Scan# 416

Delta R.T. 0.006 min

Lab File: VU056252.D

Acq: 13 Nov 2023 14:50

Instrument :

MSVOA_U

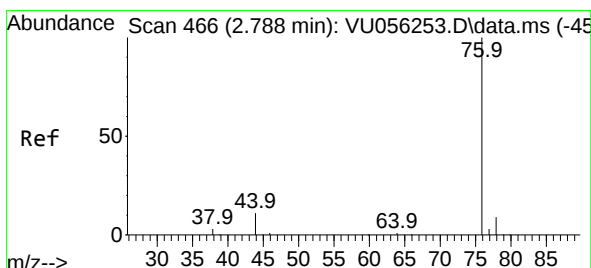
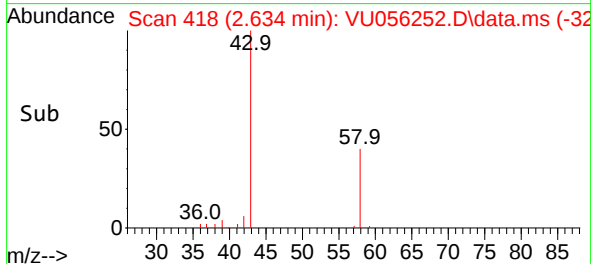
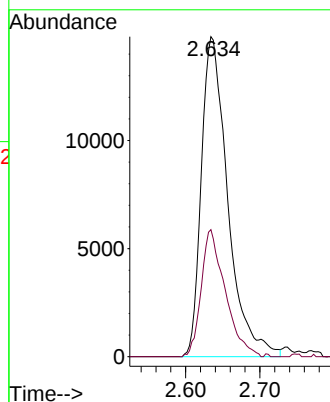
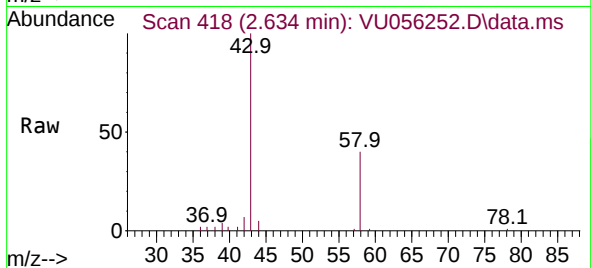
ClientSampleId :

Tgt Ion: 43 Resp: 36621

Ion Ratio Lower Upper

43 100

58 36.1 0.0 70.0



#14

Carbon disulfide

Concen: 0.916 ug/L

RT: 2.792 min Scan# 467

Delta R.T. 0.003 min

Lab File: VU056252.D

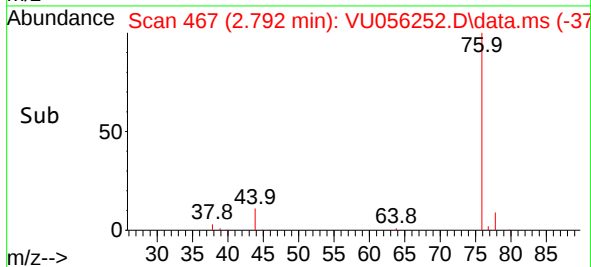
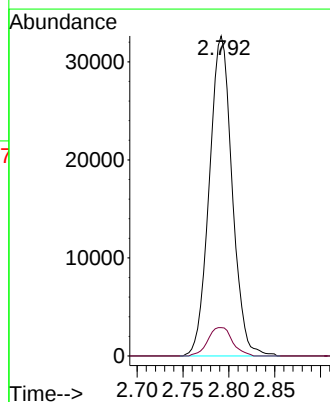
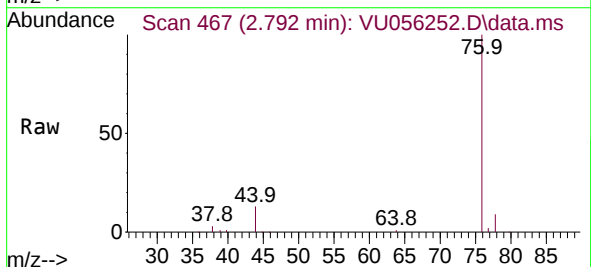
Acq: 13 Nov 2023 14:50

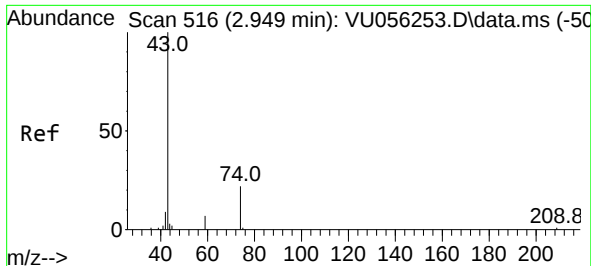
Tgt Ion: 76 Resp: 56584

Ion Ratio Lower Upper

76 100

78 8.9 6.8 10.2

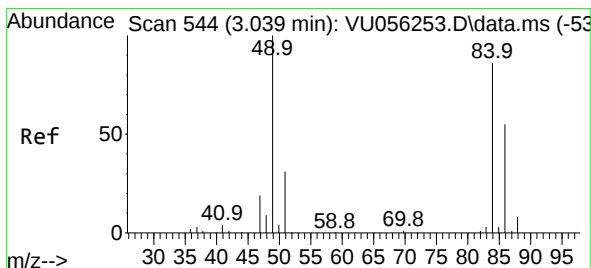
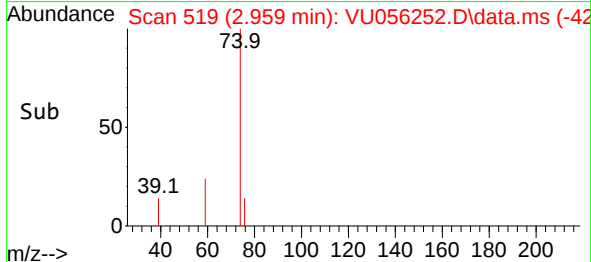
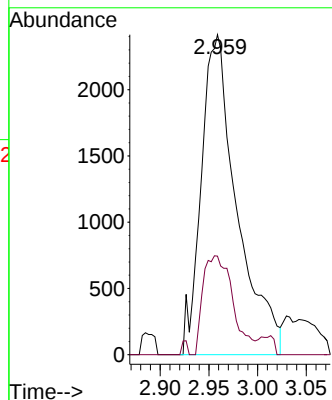
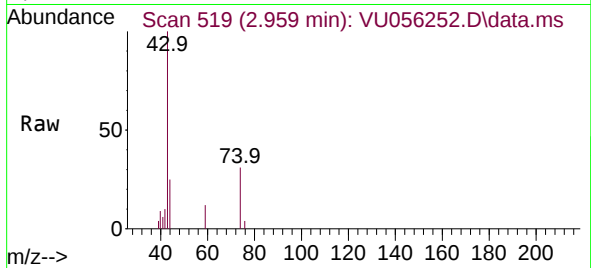




#15
Methyl Acetate
Concen: 0.912 ug/L
RT: 2.959 min Scan# 516
Delta R.T. 0.010 min
Lab File: VU056252.D
Acq: 13 Nov 2023 14:50

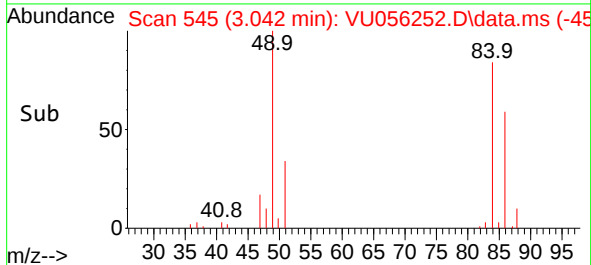
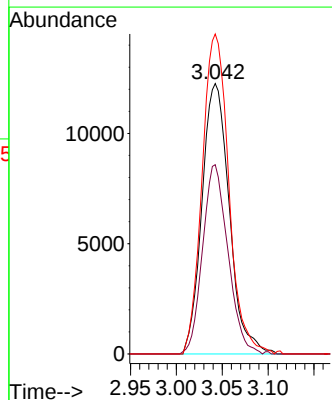
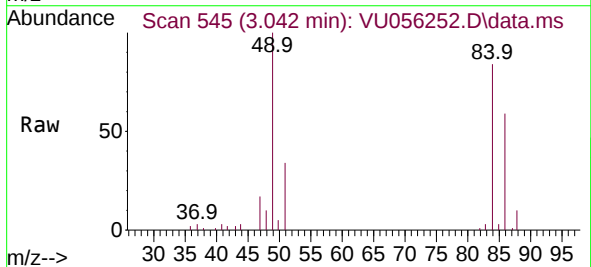
Instrument :
MSVOA_U
ClientSampleId :

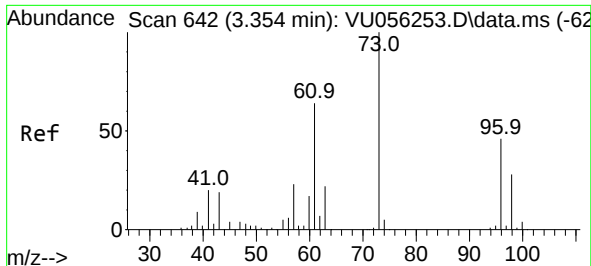
Tgt Ion: 43 Resp: 6140
Ion Ratio Lower Upper
43 100
74 26.0 20.6 31.0



#16
Methylene chloride
Concen: 1.011 ug/L
RT: 3.042 min Scan# 545
Delta R.T. 0.003 min
Lab File: VU056252.D
Acq: 13 Nov 2023 14:50

Tgt Ion: 84 Resp: 25419
Ion Ratio Lower Upper
84 100
86 70.0 44.7 83.1
49 123.7 81.8 152.0

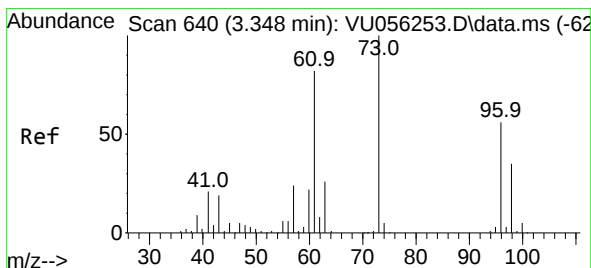
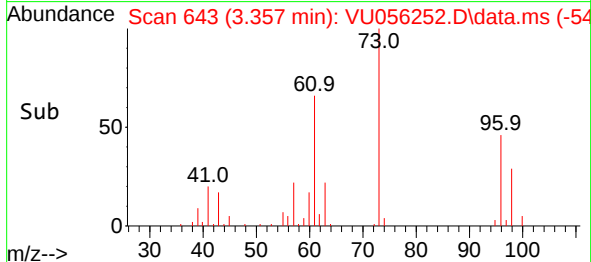
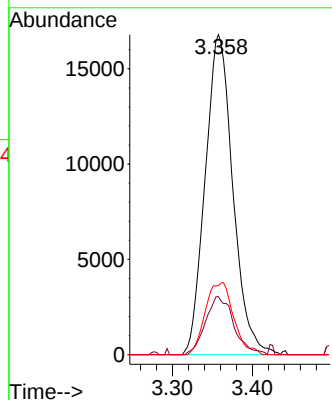
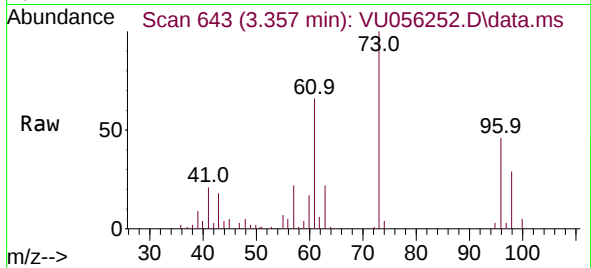




#17
Methyl tert-butyl Ether
Concen: 0.877 ug/L
RT: 3.357 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU056252.D
Acq: 13 Nov 2023 14:50

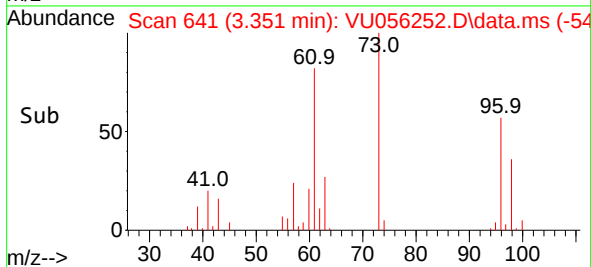
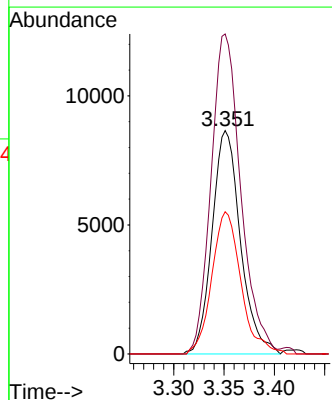
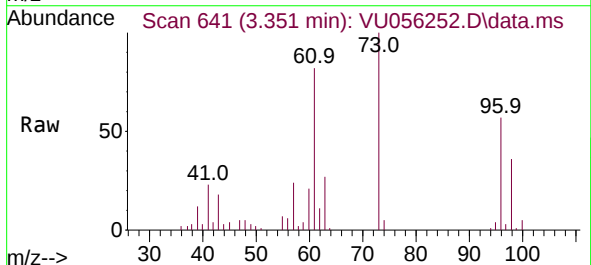
Instrument :
MSVOA_U
ClientSampleId :

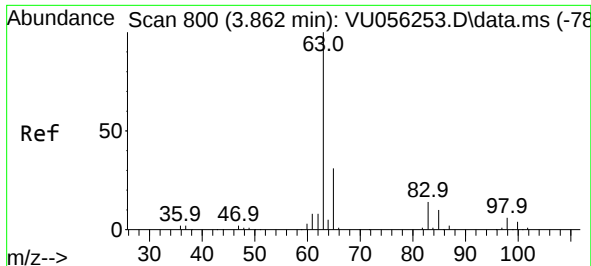
Tgt Ion: 73 Resp: 40446
Ion Ratio Lower Upper
73 100
43 18.6 15.1 22.7
57 23.1 17.8 26.8



#18
trans-1,2-Dichloroethene
Concen: 0.869 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU056252.D
Acq: 13 Nov 2023 14:50

Tgt Ion: 96 Resp: 16980
Ion Ratio Lower Upper
96 100
61 143.3 101.7 188.9
98 63.7 43.0 80.0





#19

1,1-Dichloroethane

Concen: 0.910 ug/L

RT: 3.866 min Scan# 80

Delta R.T. 0.003 min

Lab File: VU056252.D

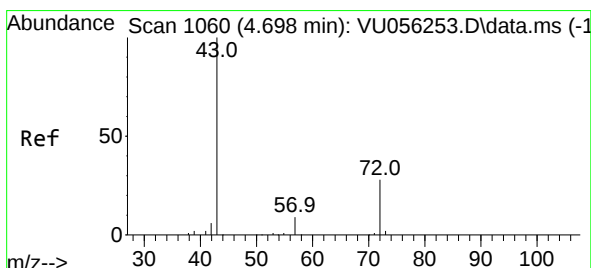
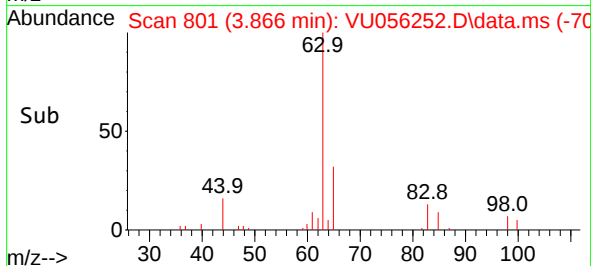
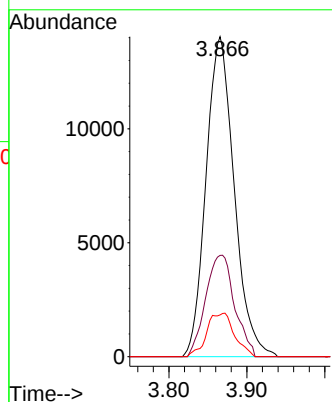
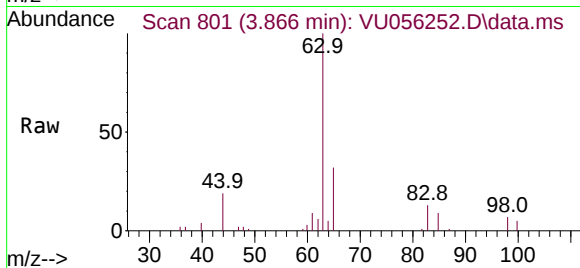
Acq: 13 Nov 2023 14:50

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	63	Resp:	35210
Ion	Ratio	Lower	Upper
63	100		
65	31.6	21.8	40.6
83	13.1	9.7	17.9



#21

2-Butanone

Concen: 8.721 ug/L

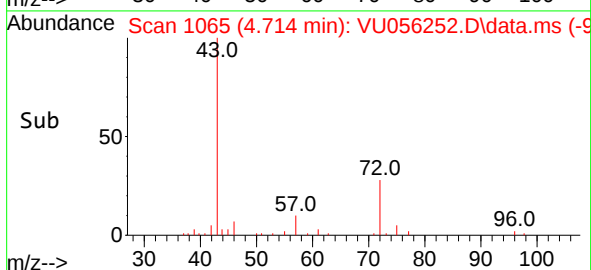
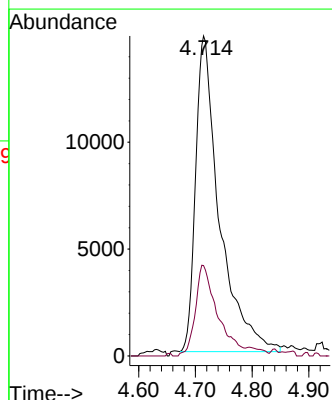
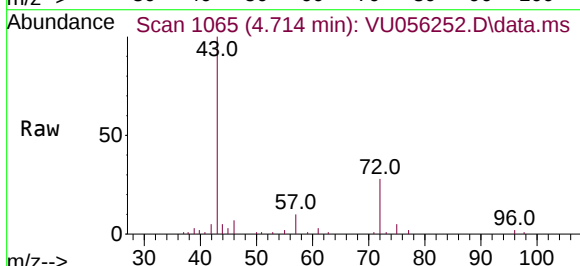
RT: 4.714 min Scan# 1065

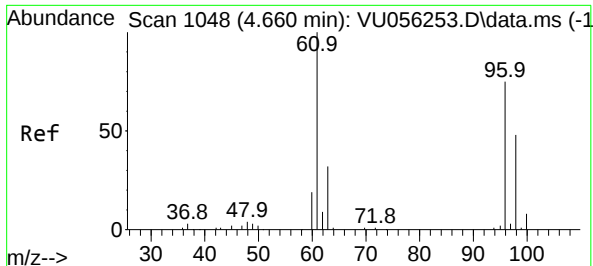
Delta R.T. 0.016 min

Lab File: VU056252.D

Acq: 13 Nov 2023 14:50

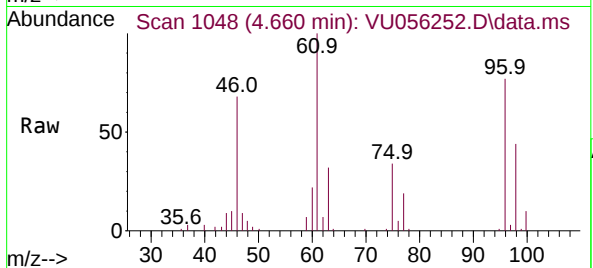
Tgt Ion:	43	Resp:	43099
Ion	Ratio	Lower	Upper
43	100		
72	26.7	14.2	42.6



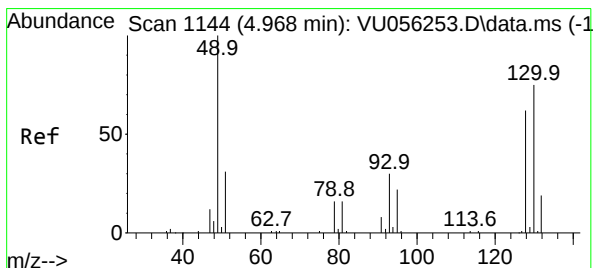
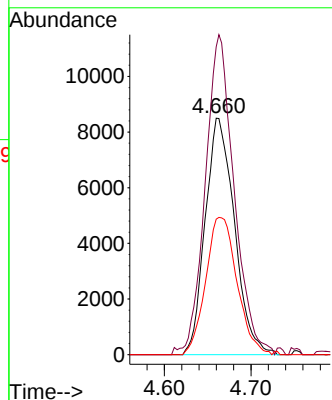
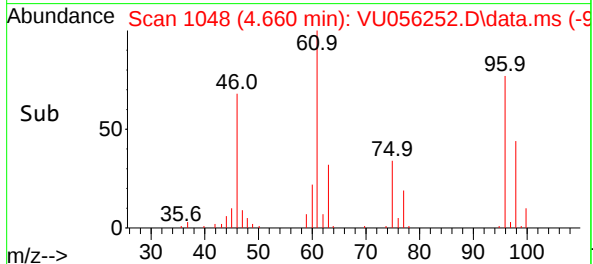


#22
 cis-1,2-Dichloroethene
 Concen: 0.902 ug/L
 RT: 4.660 min Scan# 1048
 Delta R.T. -0.000 min
 Lab File: VU056252.D
 Acq: 13 Nov 2023 14:50

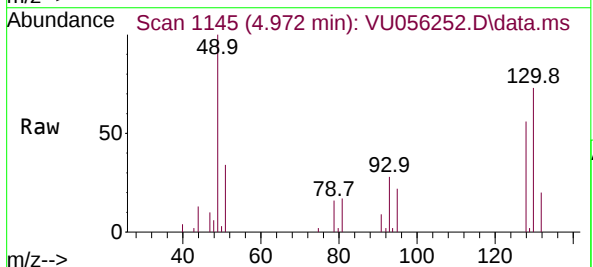
Instrument :
 MSVOA_U
 ClientSampleId :



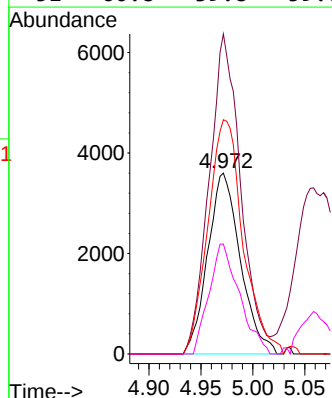
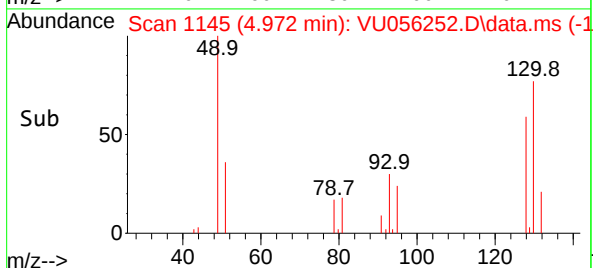
Tgt Ion: 96 Resp: 19981
 Ion Ratio Lower Upper
 96 100
 61 130.2 93.2 173.2
 98 57.3 44.8 83.2

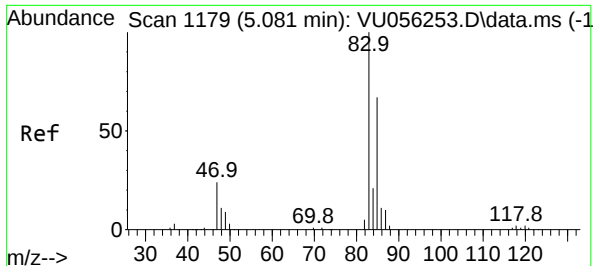


#23
 Bromochloromethane
 Concen: 0.864 ug/L
 RT: 4.972 min Scan# 1145
 Delta R.T. 0.003 min
 Lab File: VU056252.D
 Acq: 13 Nov 2023 14:50



Tgt Ion: 128 Resp: 7876
 Ion Ratio Lower Upper
 128 100
 49 177.0 113.4 210.6
 130 129.5 84.8 157.6
 51 60.8 39.8 59.6#





#25

Chloroform

Concen: 0.937 ug/L

RT: 5.081 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VU056252.D

Acq: 13 Nov 2023 14:50

Instrument :

MSVOA_U

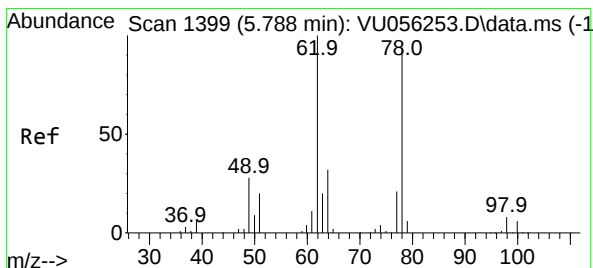
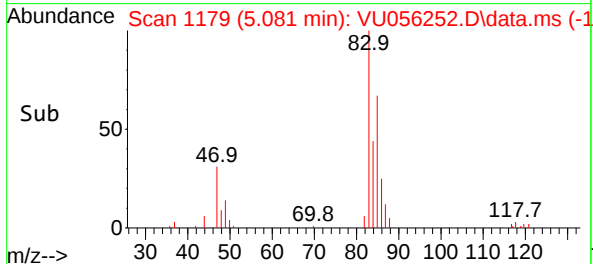
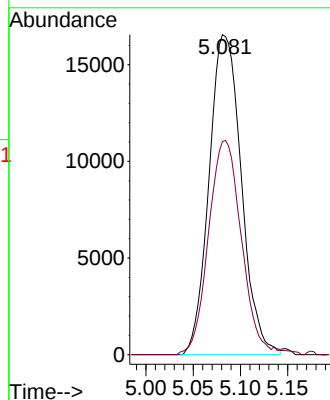
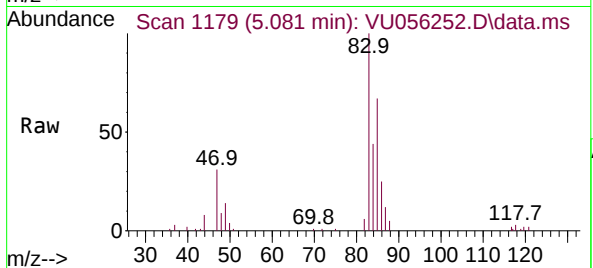
ClientSampleId :

Tgt Ion: 83 Resp: 39278

Ion Ratio Lower Upper

83 100

85 66.6 47.0 87.2



#27

1,2-Dichloroethane

Concen: 0.919 ug/L

RT: 5.791 min Scan# 1400

Delta R.T. 0.003 min

Lab File: VU056252.D

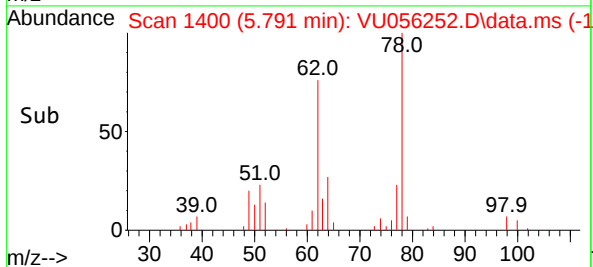
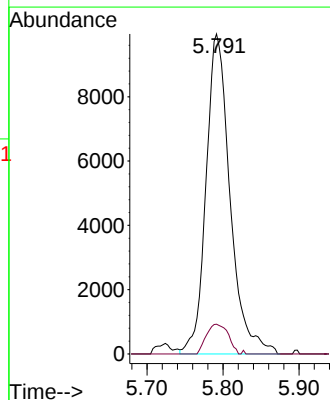
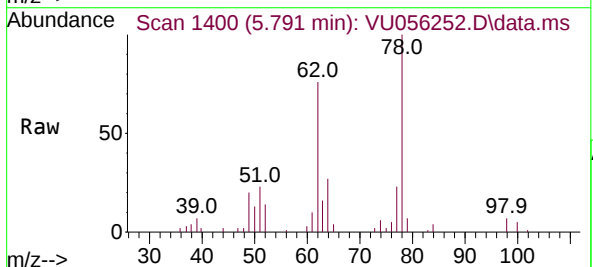
Acq: 13 Nov 2023 14:50

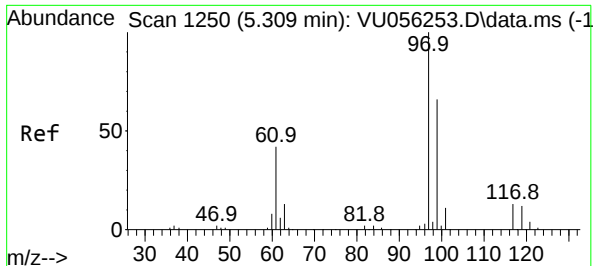
Tgt Ion: 62 Resp: 21879

Ion Ratio Lower Upper

62 100

98 9.3 6.6 10.0





#29

1,1,1-Trichloroethane

Concen: 0.898 ug/L

RT: 5.312 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU056252.D

Acq: 13 Nov 2023 14:50

Instrument :

MSVOA_U

ClientSampleId :

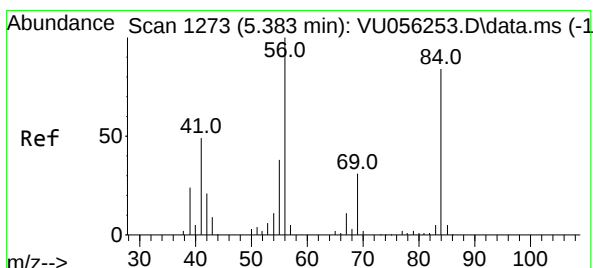
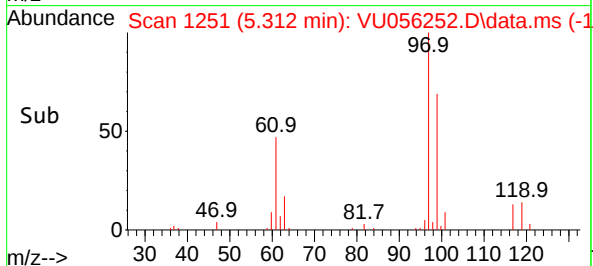
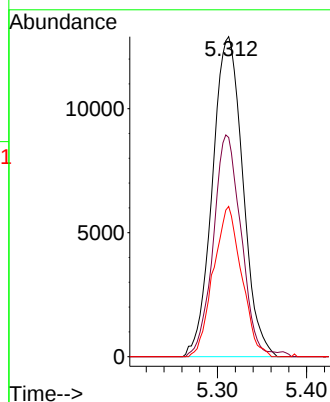
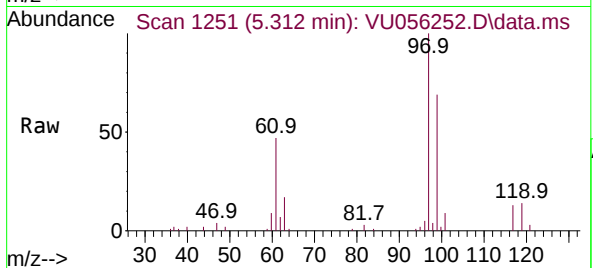
Tgt Ion: 97 Resp: 30617

Ion Ratio Lower Upper

97 100

99 63.4 51.6 77.4

61 43.6 34.3 51.5



#30

Cyclohexane

Concen: 0.839 ug/L

RT: 5.380 min Scan# 1272

Delta R.T. -0.003 min

Lab File: VU056252.D

Acq: 13 Nov 2023 14:50

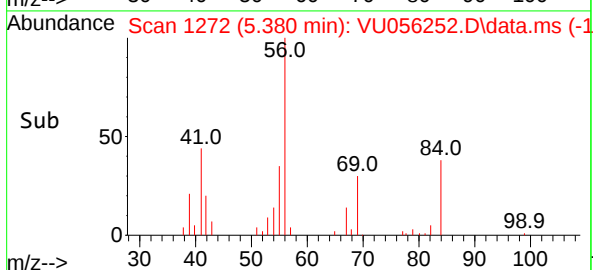
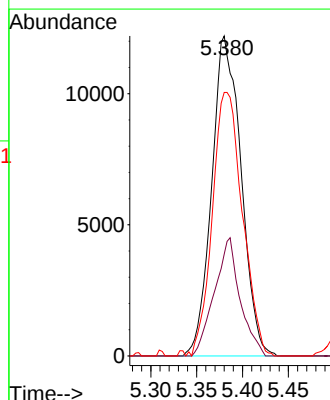
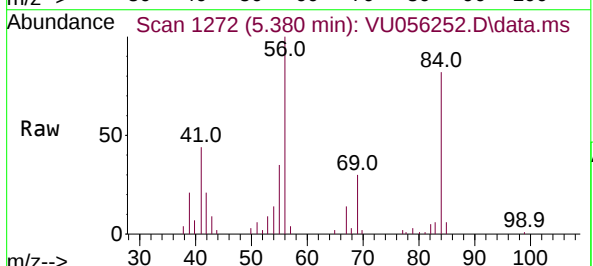
Tgt Ion: 56 Resp: 27157

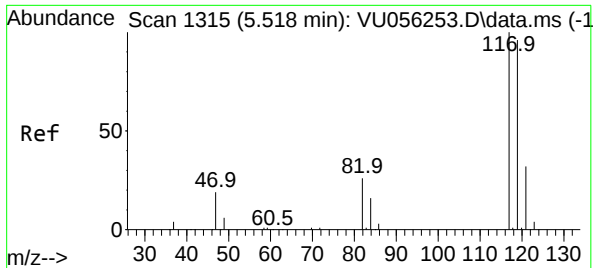
Ion Ratio Lower Upper

56 100

69 32.2 25.4 38.2

84 84.4 68.6 103.0

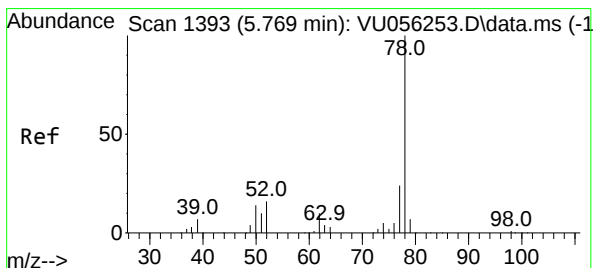
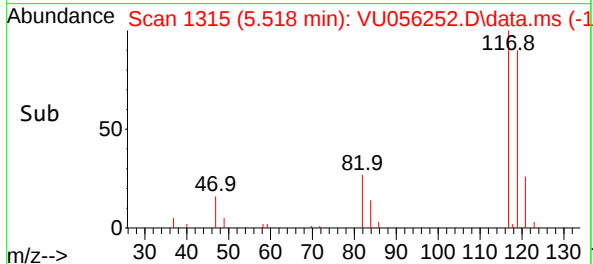
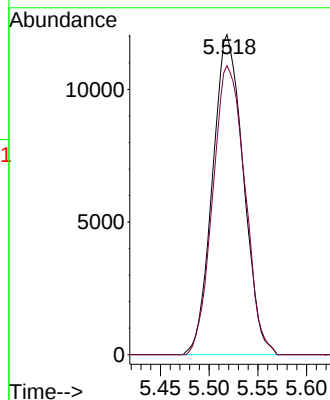
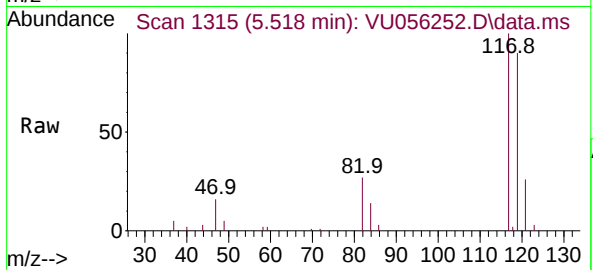




#31
Carbon tetrachloride
Concen: 0.908 ug/L
RT: 5.518 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VU056252.D
Acq: 13 Nov 2023 14:50

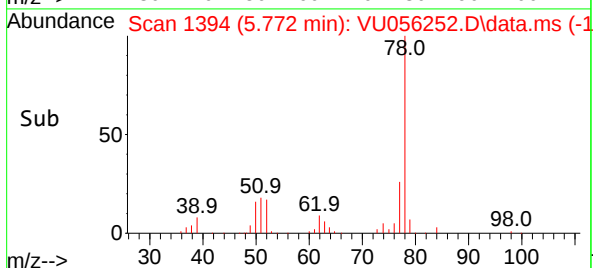
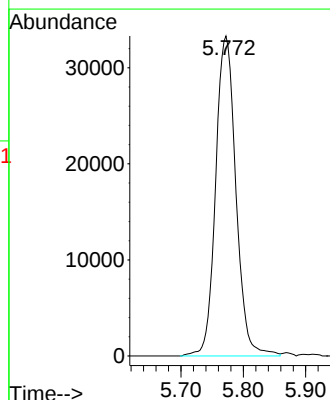
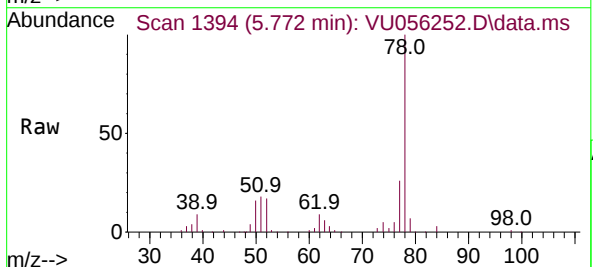
Instrument :
MSVOA_U
ClientSampleId :

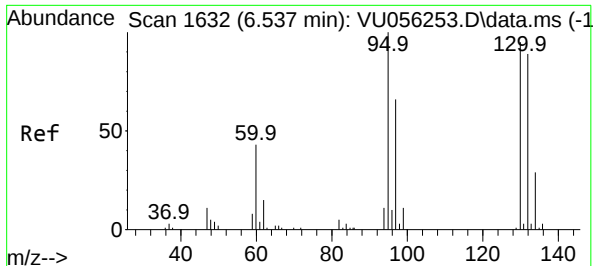
Tgt Ion:117 Resp: 26574
Ion Ratio Lower Upper
117 100
119 94.0 78.1 117.1



#33
Benzene
Concen: 0.888 ug/L
RT: 5.772 min Scan# 1394
Delta R.T. 0.003 min
Lab File: VU056252.D
Acq: 13 Nov 2023 14:50

Tgt Ion: 78 Resp: 75206





#34

Trichloroethene

Concen: 0.860 ug/L

RT: 6.541 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU056252.D

Acq: 13 Nov 2023 14:50

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 19854

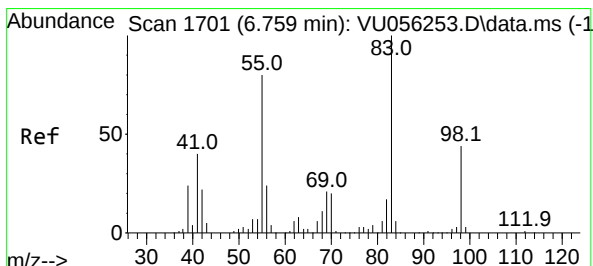
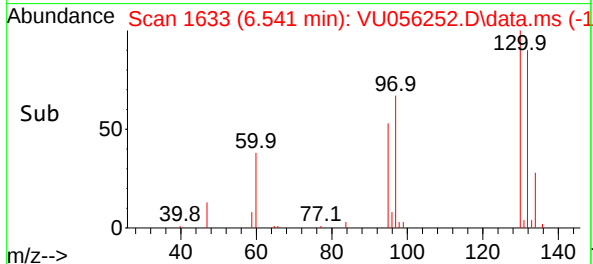
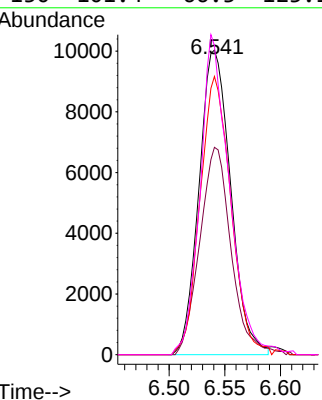
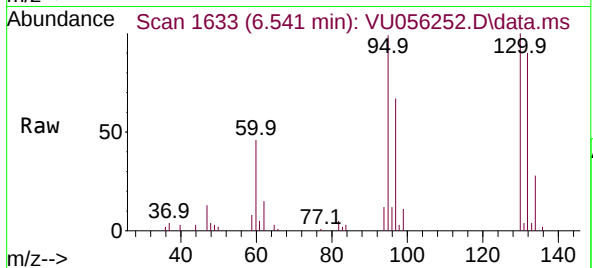
Ion Ratio Lower Upper

95 100

97 68.0 46.5 86.3

132 91.3 62.0 115.2

130 101.4 66.3 123.1



#35

Methylcyclohexane

Concen: 0.834 ug/L

RT: 6.759 min Scan# 1701

Delta R.T. -0.000 min

Lab File: VU056252.D

Acq: 13 Nov 2023 14:50

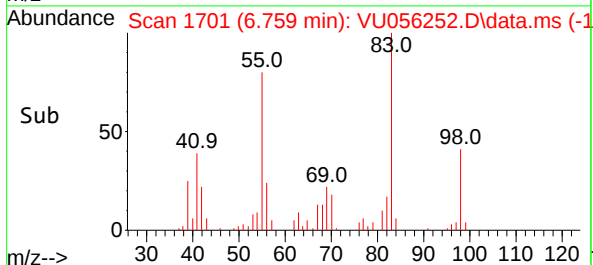
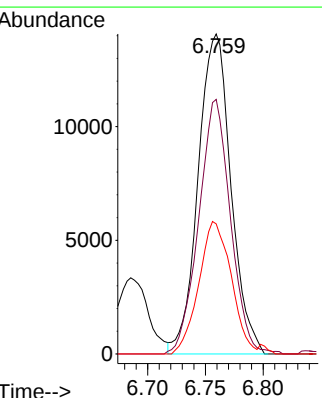
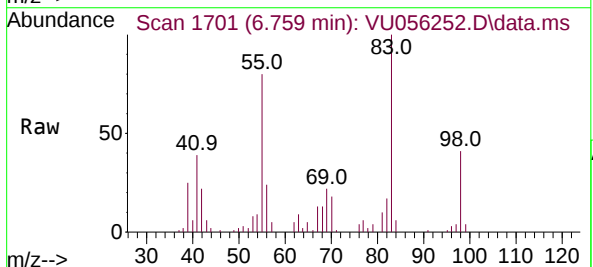
Tgt Ion: 83 Resp: 27808

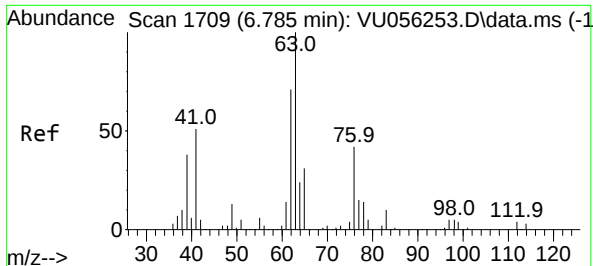
Ion Ratio Lower Upper

83 100

55 76.9 62.9 94.3

98 40.9 35.3 52.9





#37

1,2-Dichloropropane

Concen: 0.892 ug/L

RT: 6.788 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU056252.D

Acq: 13 Nov 2023 14:50

Instrument :

MSVOA_U

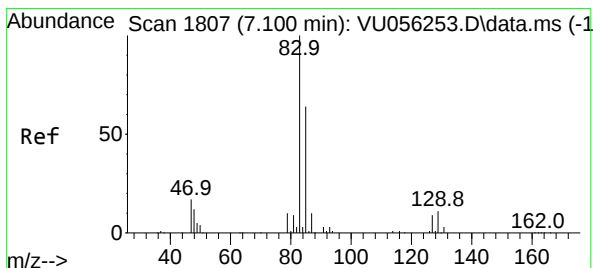
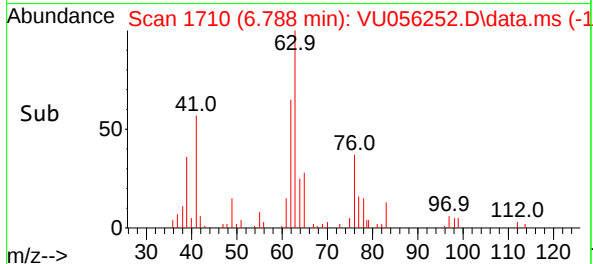
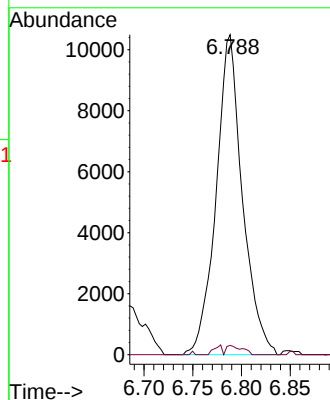
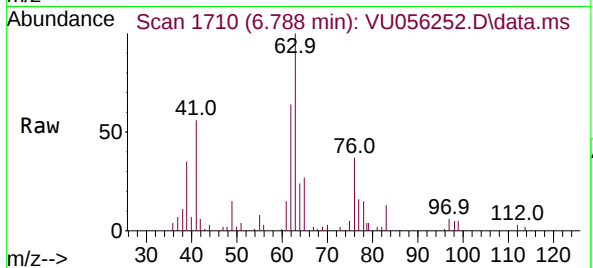
ClientSampleId :

Tgt Ion: 63 Resp: 19719

Ion Ratio Lower Upper

63 100

112 1.7 3.2 4.8#



#38

Bromodichloromethane

Concen: 0.916 ug/L

RT: 7.100 min Scan# 1807

Delta R.T. -0.000 min

Lab File: VU056252.D

Acq: 13 Nov 2023 14:50

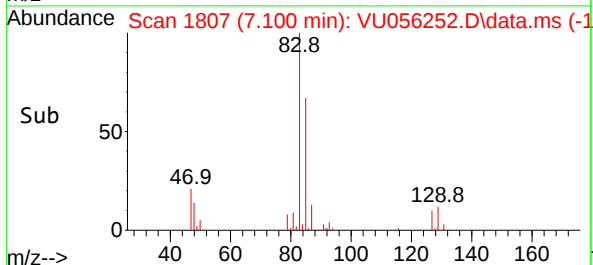
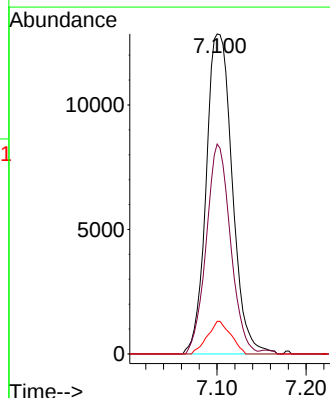
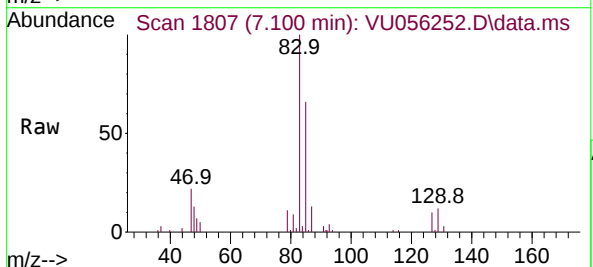
Tgt Ion: 83 Resp: 26131

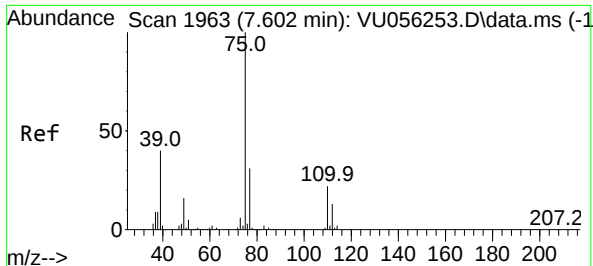
Ion Ratio Lower Upper

83 100

85 65.6 44.9 83.5

127 10.2 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 0.866 ug/L

RT: 7.605 min Scan# 1963

Delta R.T. 0.003 min

Lab File: VU056252.D

Acq: 13 Nov 2023 14:50

Instrument :

MSVOA_U

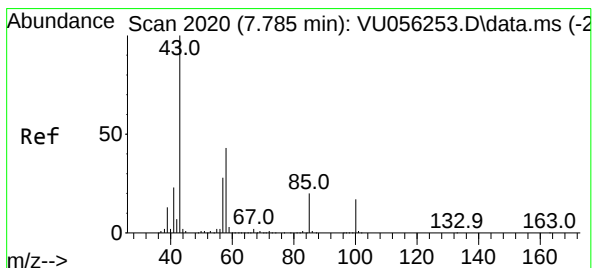
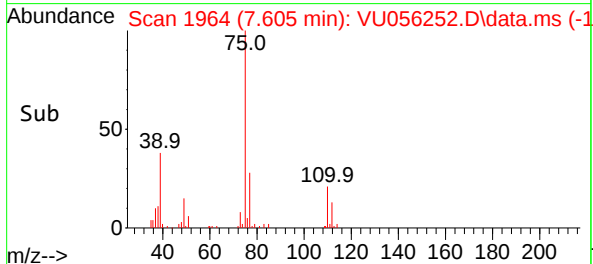
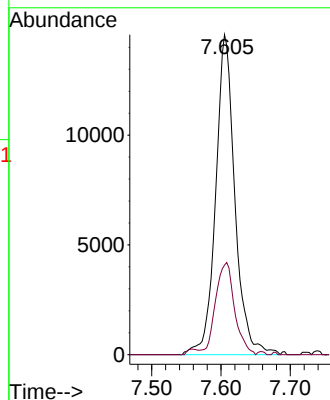
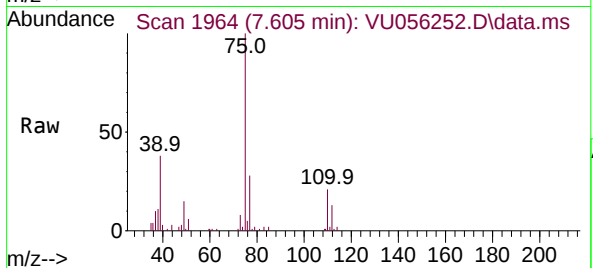
ClientSampleId :

Tgt Ion: 75 Resp: 28116

Ion Ratio Lower Upper

75 100

77 28.0 21.5 39.9



#40

4-Methyl-2-pentanone

Concen: 8.404 ug/L

RT: 7.785 min Scan# 2020

Delta R.T. -0.000 min

Lab File: VU056252.D

Acq: 13 Nov 2023 14:50

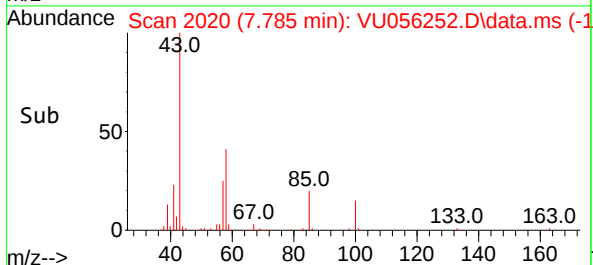
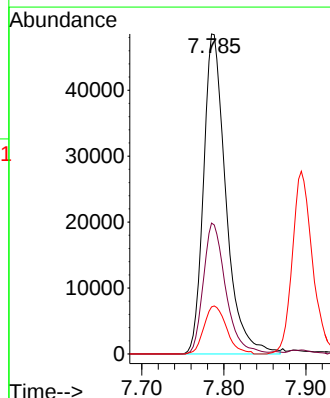
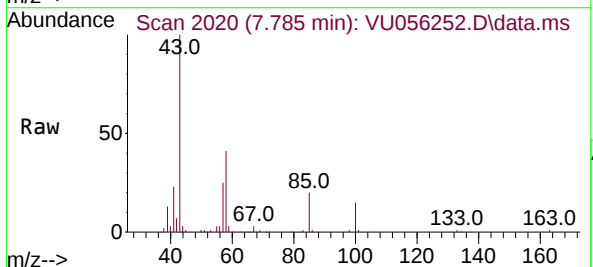
Tgt Ion: 43 Resp: 92049

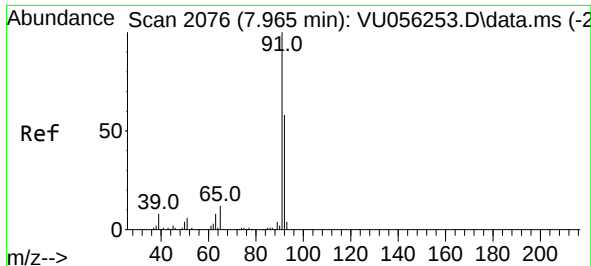
Ion Ratio Lower Upper

43 100

58 41.0 33.8 50.8

100 15.2 13.0 19.4





#42

Toluene

Concen: 0.862 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. -0.000 min

Lab File: VU056252.D

Acq: 13 Nov 2023 14:50

Instrument :

MSVOA_U

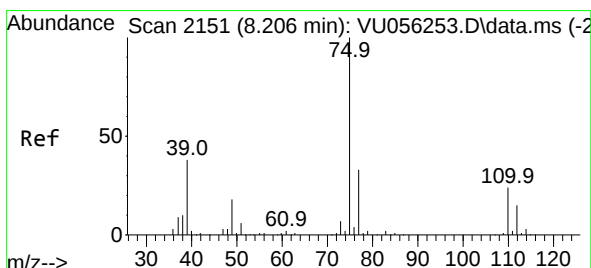
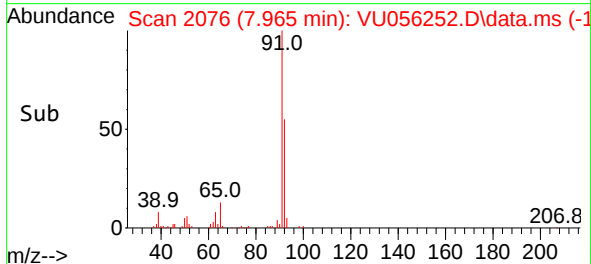
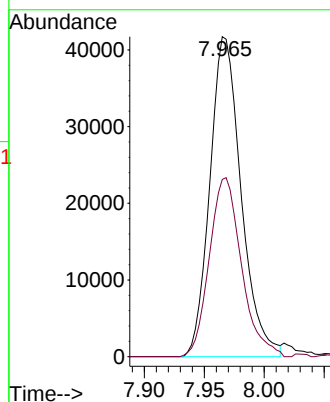
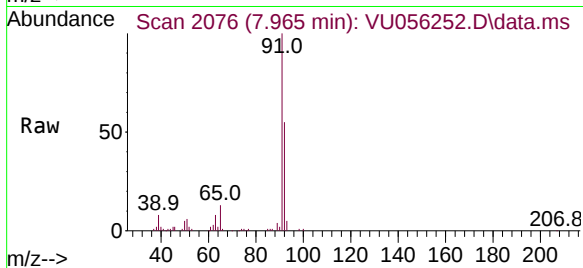
ClientSampleId :

Tgt Ion: 91 Resp: 75651

Ion Ratio Lower Upper

91 100

92 55.4 40.6 75.4



#44

trans-1,3-Dichloropropene

Concen: 0.841 ug/L

RT: 8.209 min Scan# 2152

Delta R.T. 0.003 min

Lab File: VU056252.D

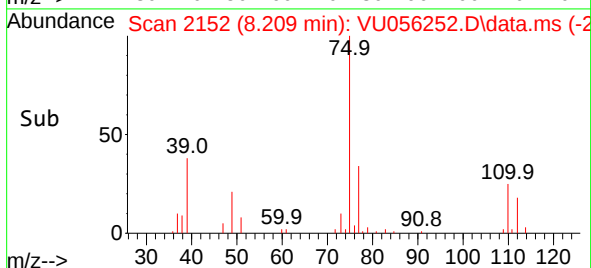
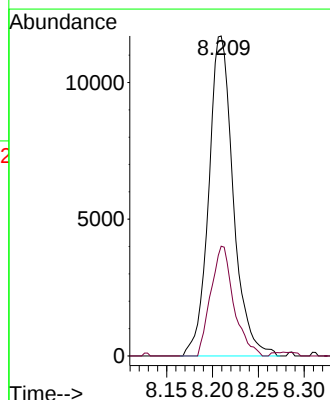
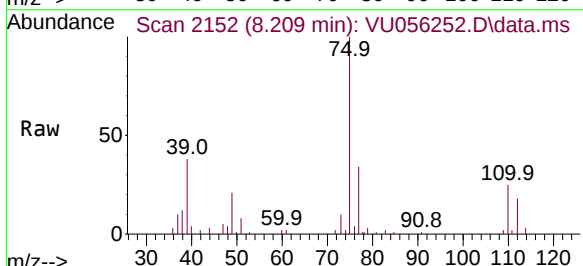
Acq: 13 Nov 2023 14:50

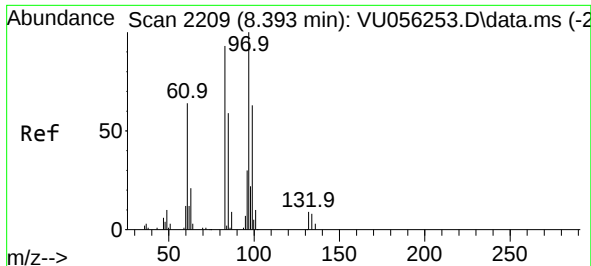
Tgt Ion: 75 Resp: 21773

Ion Ratio Lower Upper

75 100

77 34.3 22.8 42.4

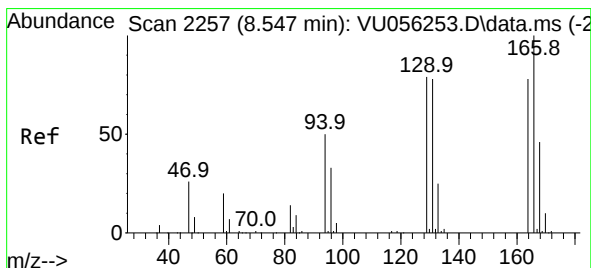
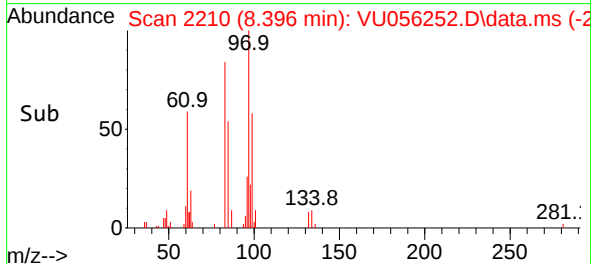
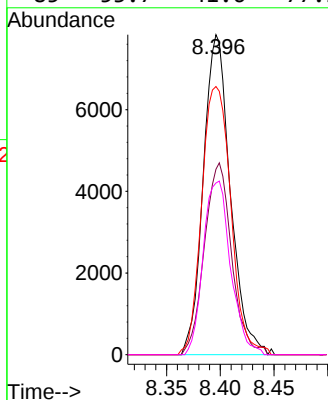
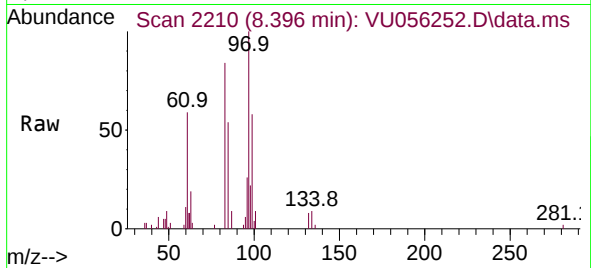




#45
1,1,2-Trichloroethane
Concen: 0.931 ug/L
RT: 8.396 min Scan# 210
Delta R.T. 0.003 min
Lab File: VU056252.D
Acq: 13 Nov 2023 14:50

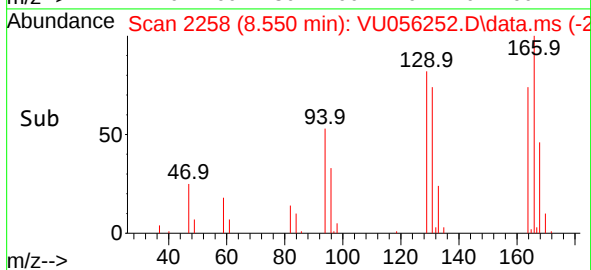
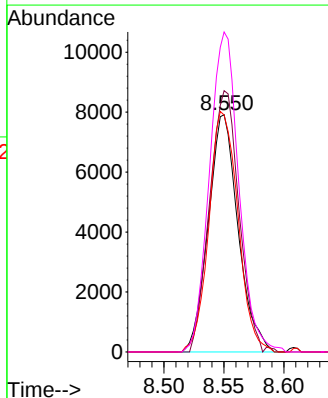
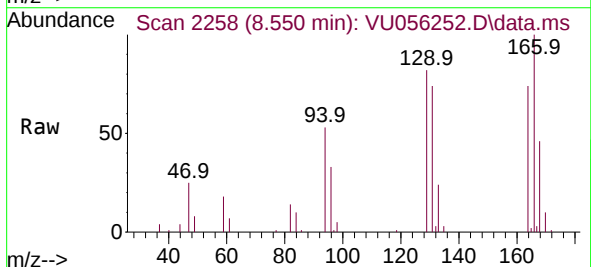
Instrument :
MSVOA_U
ClientSampleId :

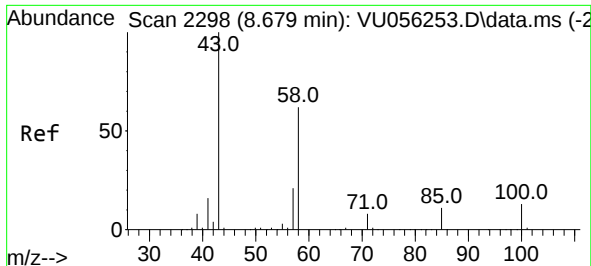
Tgt Ion: 97	Resp: 13701
Ion Ratio	Lower Upper
97 100	
99 58.0	44.3 82.3
83 83.8	65.4 121.4
85 53.7	41.6 77.3



#47
Tetrachloroethene
Concen: 0.877 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. 0.003 min
Lab File: VU056252.D
Acq: 13 Nov 2023 14:50

Tgt	Ion:164	Resp:	13660
Ion	Ratio	Lower	Upper
164	100		
129	110.1	71.0	131.9
131	99.9	70.3	130.7
166	134.9	89.8	166.8

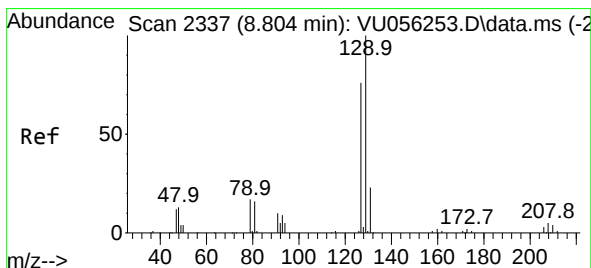
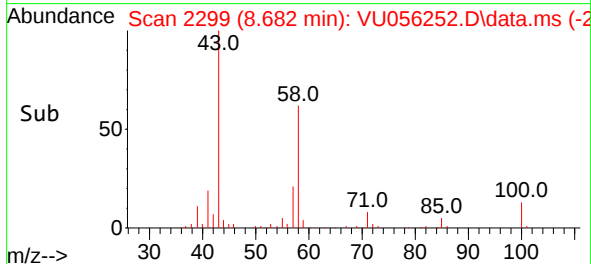
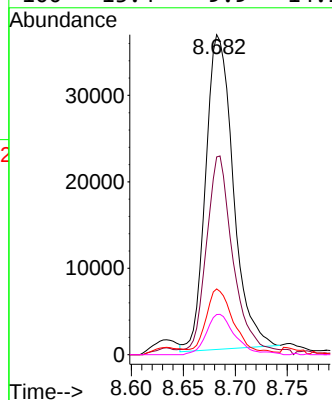
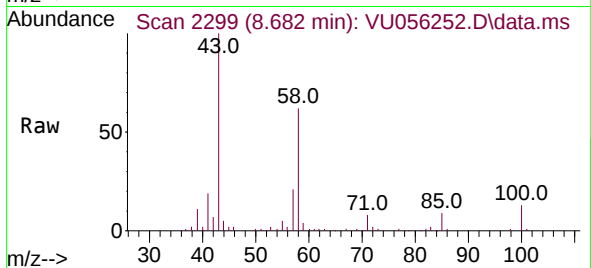




#48
2-Hexanone
Concen: 7.874 ug/L
RT: 8.682 min Scan# 2299
Delta R.T. 0.003 min
Lab File: VU056252.D
Acq: 13 Nov 2023 14:50

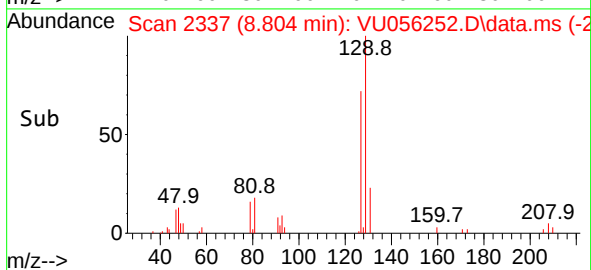
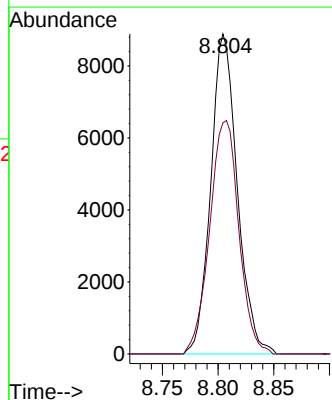
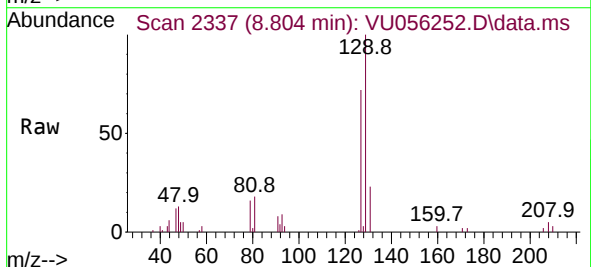
Instrument :
MSVOA_U
ClientSampleId :

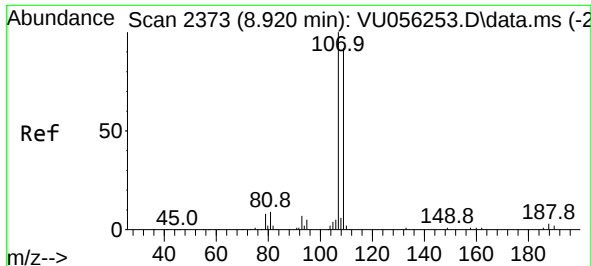
Tgt Ion:	43	Resp:	67190
Ion	Ratio	Lower	Upper
43	100		
58	62.2	48.7	73.1
57	21.5	16.8	25.2
100	13.4	9.9	14.9



#49
Dibromochloromethane
Concen: 0.880 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. -0.000 min
Lab File: VU056252.D
Acq: 13 Nov 2023 14:50

Tgt Ion:	129	Resp:	14732
Ion	Ratio	Lower	Upper
129	100		
127	72.2	52.9	98.3





#50

1,2-Dibromoethane

Concen: 0.881 ug/L

RT: 8.920 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU056252.D

Acq: 13 Nov 2023 14:50

Instrument :

MSVOA_U

ClientSampleId :

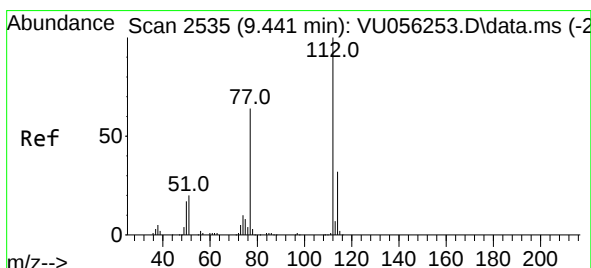
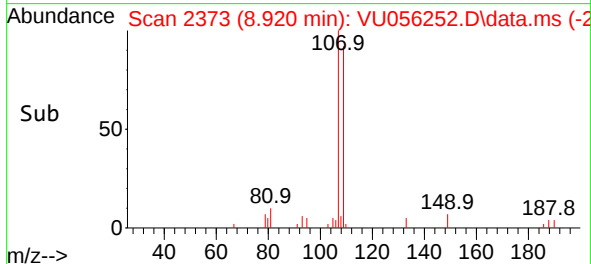
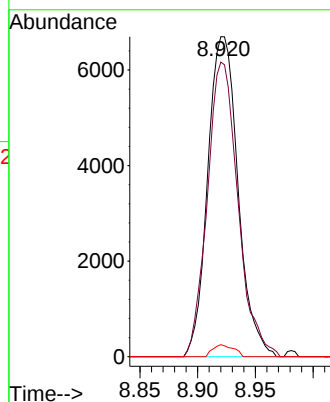
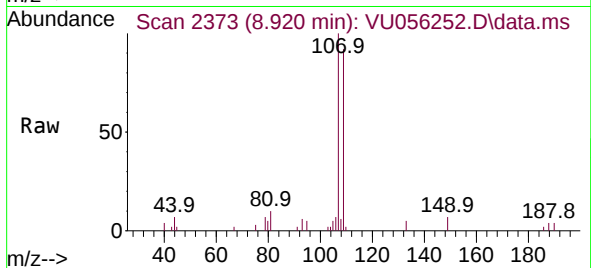
Tgt Ion:107 Resp: 12241

Ion Ratio Lower Upper

107 100

109 92.0 64.2 119.2

188 3.7 2.6 4.0



#51

Chlorobenzene

Concen: 0.902 ug/L

RT: 9.444 min Scan# 2536

Delta R.T. 0.003 min

Lab File: VU056252.D

Acq: 13 Nov 2023 14:50

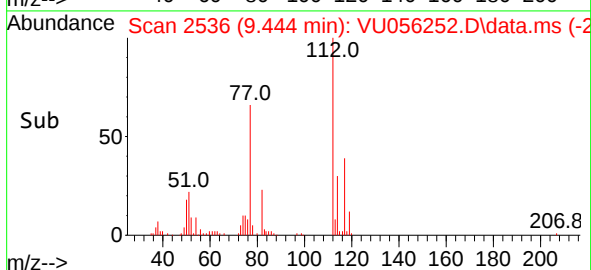
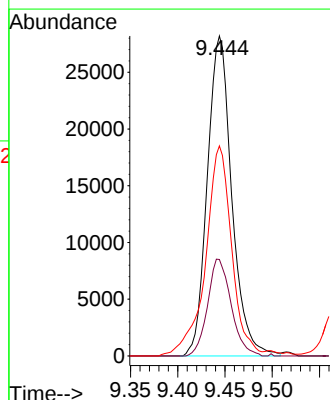
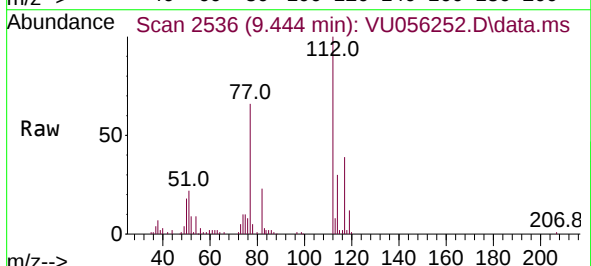
Tgt Ion:112 Resp: 50821

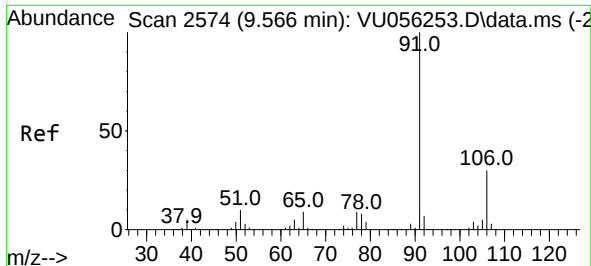
Ion Ratio Lower Upper

112 100

114 30.2 22.5 41.7

77 65.7 51.7 77.5

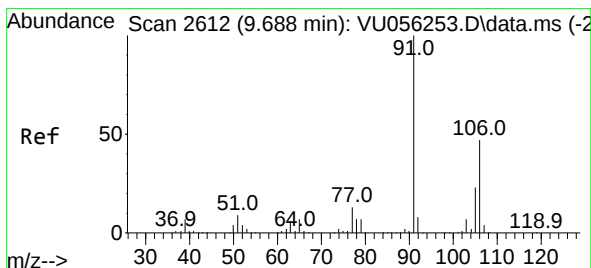
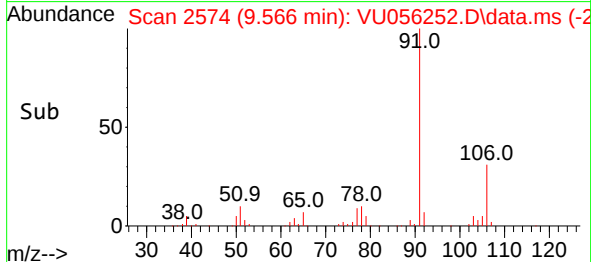
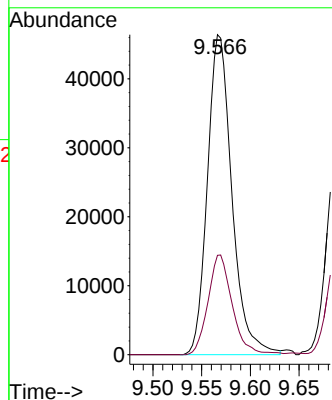
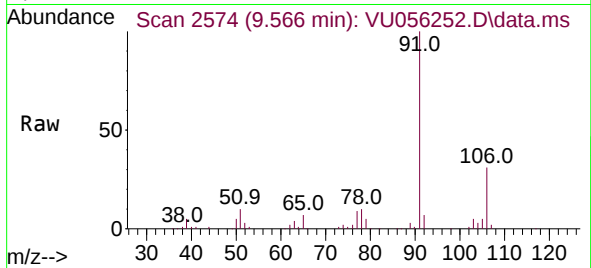




#52
Ethylbenzene
Concen: 0.833 ug/L
RT: 9.566 min Scan# 2574
Delta R.T. -0.000 min
Lab File: VU056252.D
Acq: 13 Nov 2023 14:50

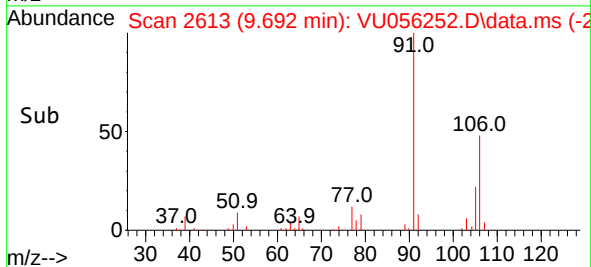
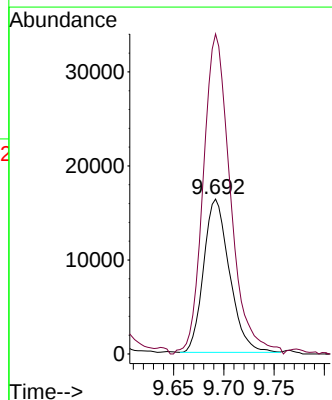
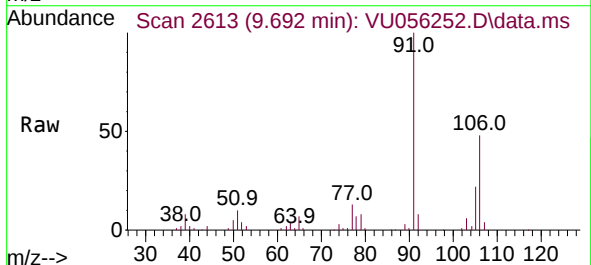
Instrument :
MSVOA_U
ClientSampleId :

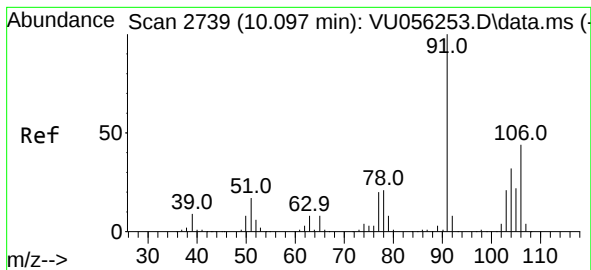
Tgt Ion: 91 Resp: 81167
Ion Ratio Lower Upper
91 100
106 31.0 21.1 39.1



#53
m,p-Xylene
Concen: 0.815 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. 0.003 min
Lab File: VU056252.D
Acq: 13 Nov 2023 14:50

Tgt Ion: 106 Resp: 29197
Ion Ratio Lower Upper
106 100
91 206.7 149.6 277.8





#54

o-Xylene

Concen: 0.807 ug/L

RT: 10.097 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU056252.D

Acq: 13 Nov 2023 14:50

Instrument :

MSVOA_U

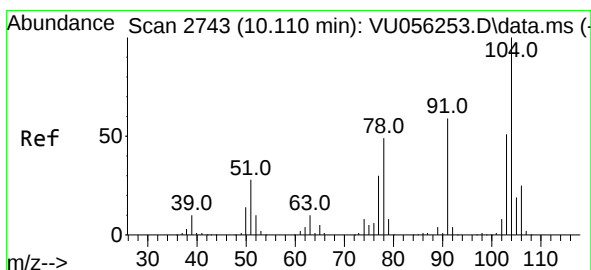
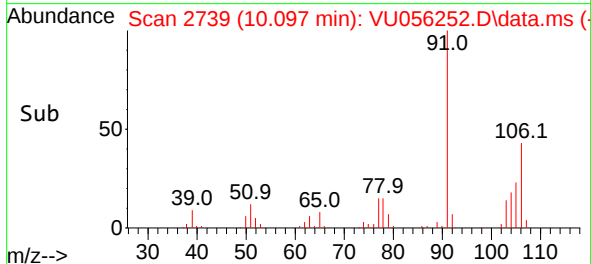
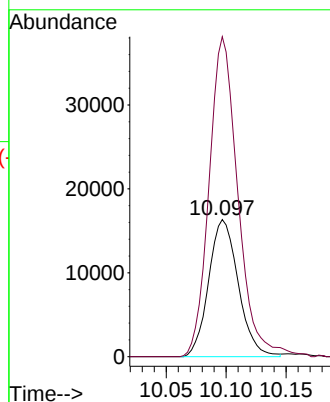
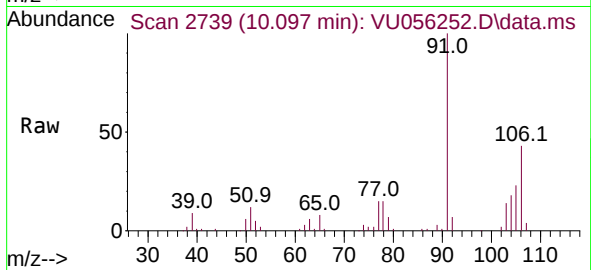
ClientSampleId :

Tgt Ion:106 Resp: 28079

Ion Ratio Lower Upper

106 100

91 233.5 159.3 295.9



#55

Styrene

Concen: 0.797 ug/L

RT: 10.113 min Scan# 2744

Delta R.T. 0.003 min

Lab File: VU056252.D

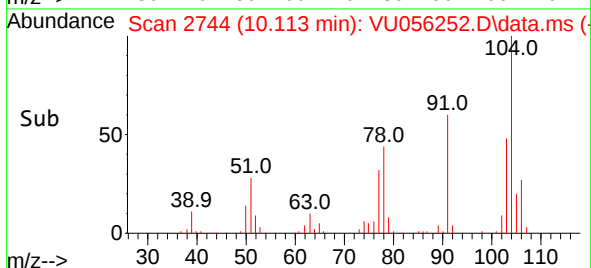
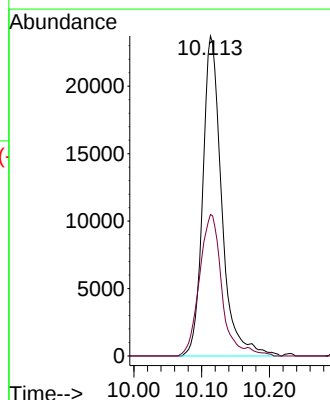
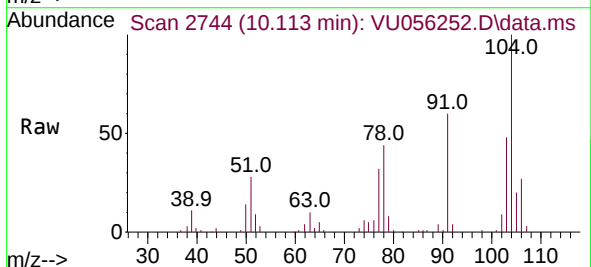
Acq: 13 Nov 2023 14:50

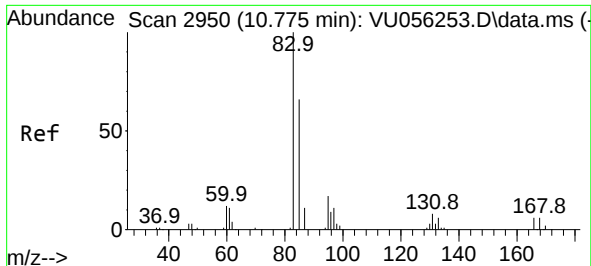
Tgt Ion:104 Resp: 46100

Ion Ratio Lower Upper

104 100

78 44.2 34.2 63.6





#57

1,1,2,2-Tetrachloroethane

Concen: 0.886 ug/L

RT: 10.778 min Scan# 2950

Delta R.T. 0.003 min

Lab File: VU056252.D

Acq: 13 Nov 2023 14:50

Instrument :

MSVOA_U

ClientSampleId :

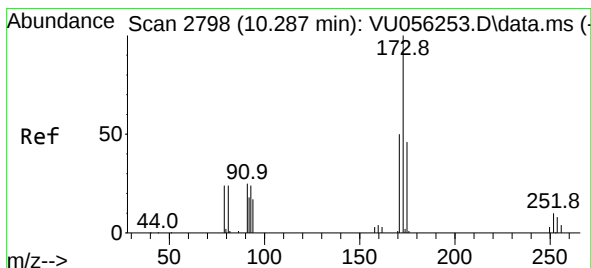
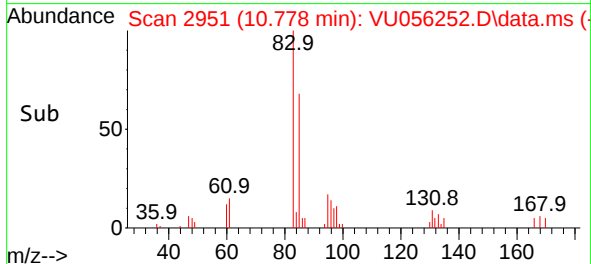
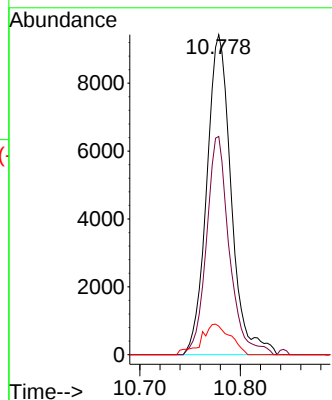
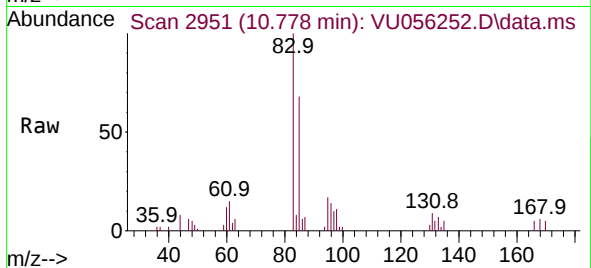
Tgt Ion: 83 Resp: 15924

Ion Ratio Lower Upper

83 100

85 68.2 46.3 86.1

131 8.9 6.7 10.1



#59

Bromoform

Concen: 0.918 ug/L

RT: 10.286 min Scan# 2798

Delta R.T. -0.000 min

Lab File: VU056252.D

Acq: 13 Nov 2023 14:50

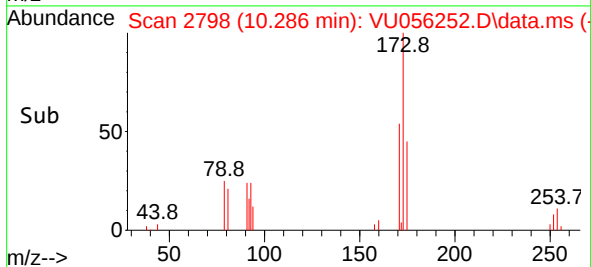
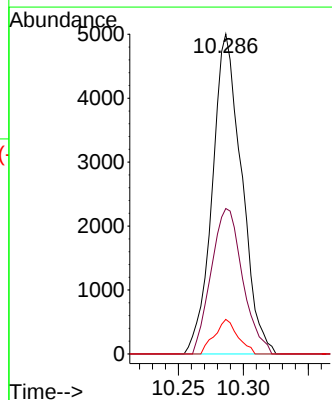
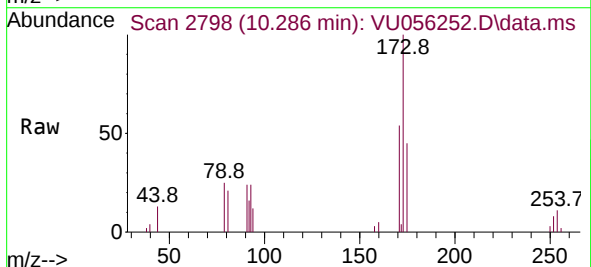
Tgt Ion:173 Resp: 7838

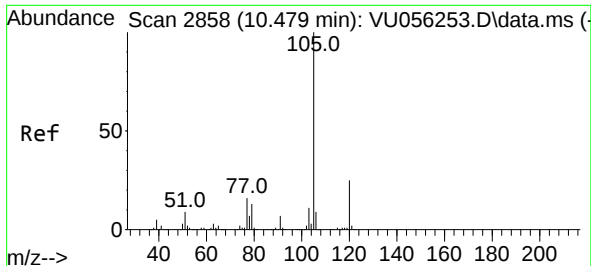
Ion Ratio Lower Upper

173 100

175 48.7 38.9 58.3

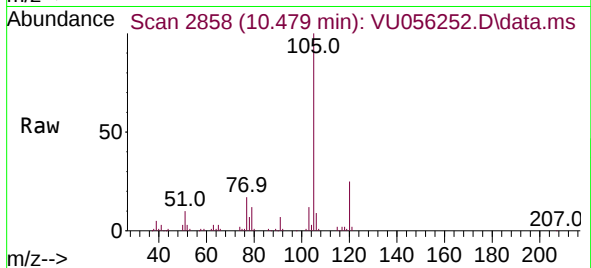
254 8.5 6.7 10.1



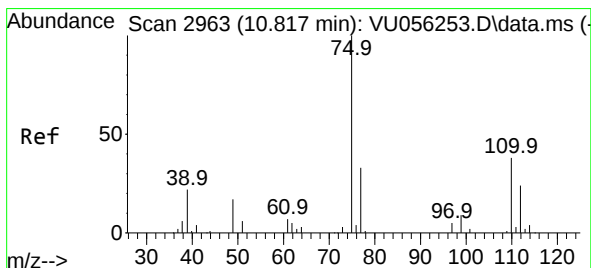
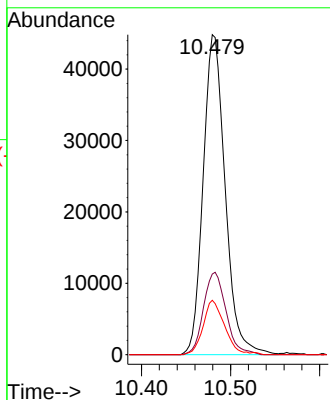
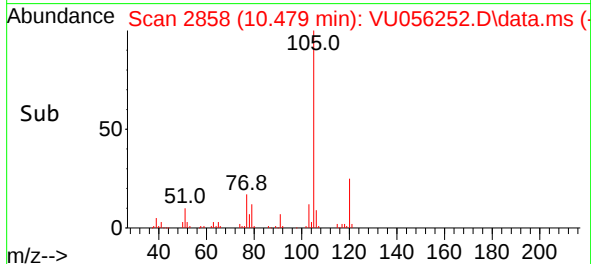


#60
Isopropylbenzene
Concen: 0.871 ug/L
RT: 10.479 min Scan# 2858
Delta R.T. -0.000 min
Lab File: VU056252.D
Acq: 13 Nov 2023 14:50

Instrument :
MSVOA_U
ClientSampleId :

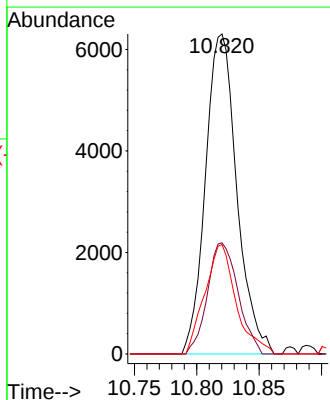
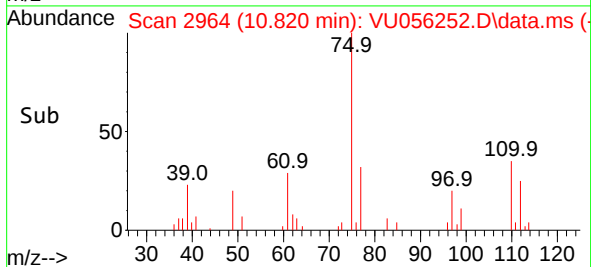
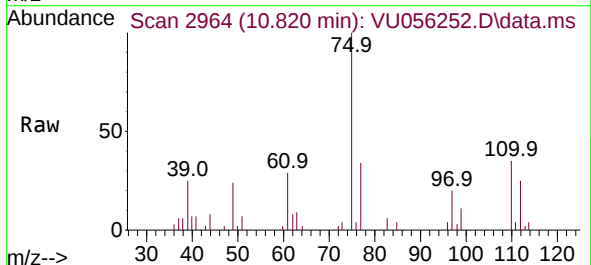


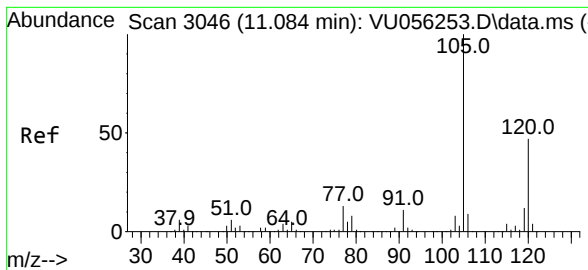
Tgt Ion:	105	Resp:	76963
Ion Ratio	Lower	Upper	
105	100		
120	26.3	20.4	30.6
77	16.7	13.3	19.9



#61
1,2,3-Trichloropropane
Concen: 0.939 ug/L
RT: 10.820 min Scan# 2964
Delta R.T. 0.003 min
Lab File: VU056252.D
Acq: 13 Nov 2023 14:50

Tgt Ion:	75	Resp:	11038
Ion Ratio	Lower	Upper	
75	100		
110	33.9	30.4	45.6
77	34.1	27.0	40.6





#62

1,3,5-Trimethylbenzene

Concen: 0.834 ug/L

RT: 11.084 min Scan# 3046

Delta R.T. -0.000 min

Lab File: VU056252.D

Acq: 13 Nov 2023 14:50

Instrument :

MSVOA_U

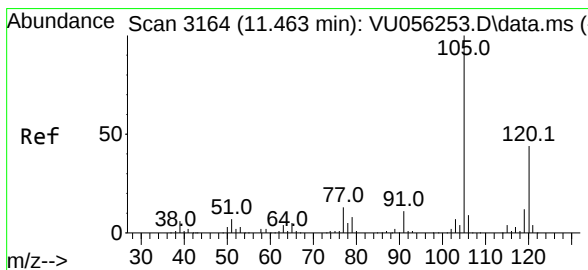
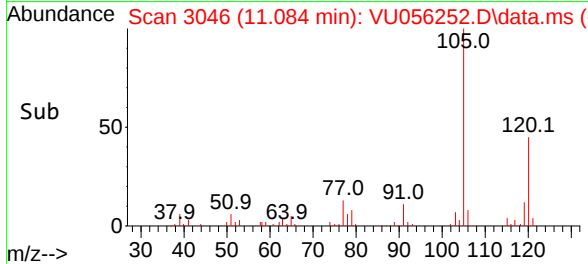
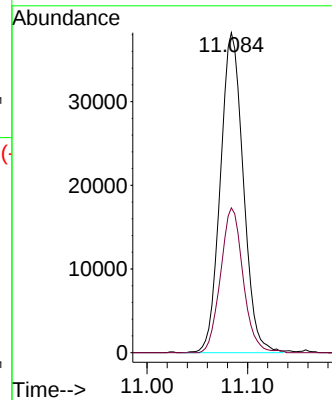
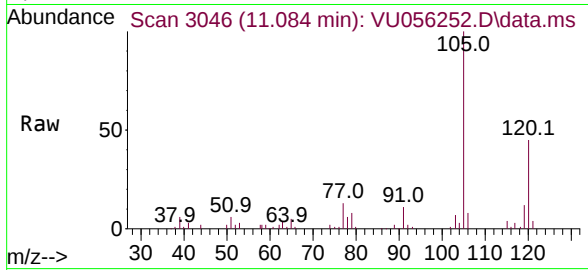
ClientSampleId :

Tgt Ion:105 Resp: 60568

Ion Ratio Lower Upper

105 100

120 44.5 37.2 55.8



#63

1,2,4-Trimethylbenzene

Concen: 0.814 ug/L

RT: 11.463 min Scan# 3164

Delta R.T. -0.000 min

Lab File: VU056252.D

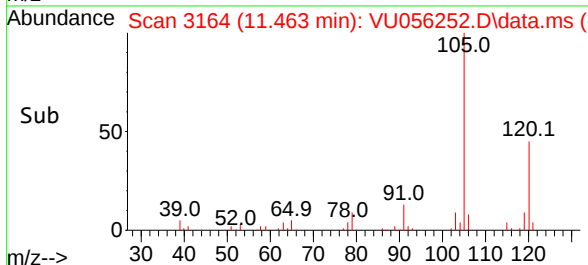
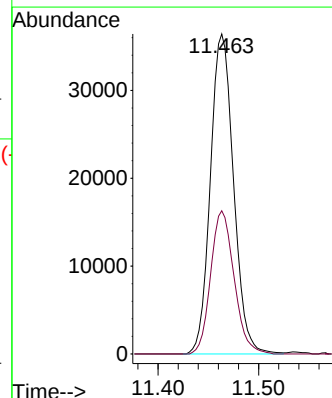
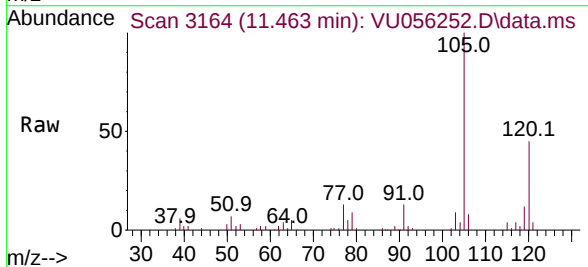
Acq: 13 Nov 2023 14:50

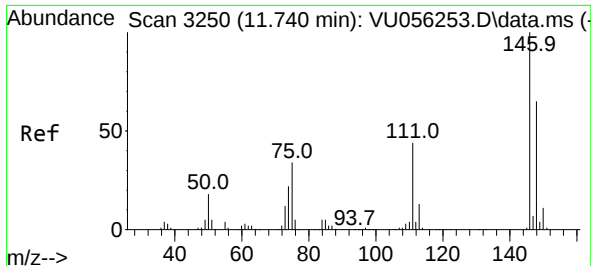
Tgt Ion:105 Resp: 58321

Ion Ratio Lower Upper

105 100

120 45.2 34.0 51.0

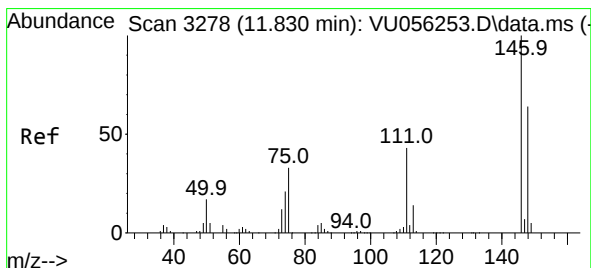
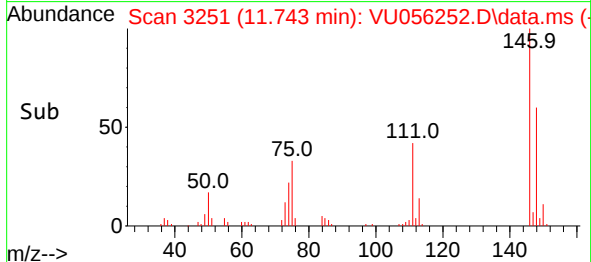
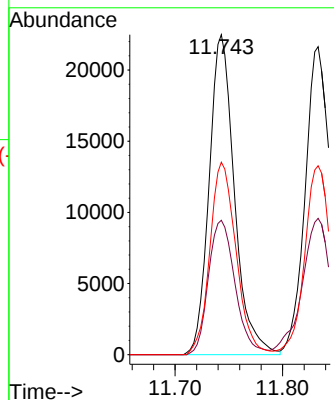
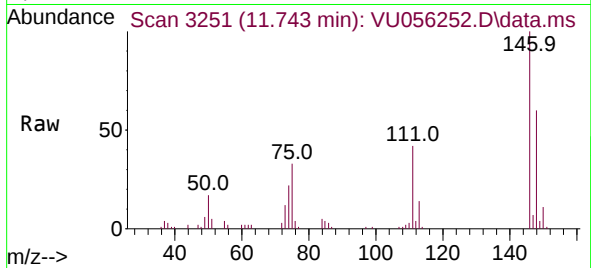




#64
1,3-Dichlorobenzene
Concen: 0.914 ug/L
RT: 11.743 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU056252.D
Acq: 13 Nov 2023 14:50

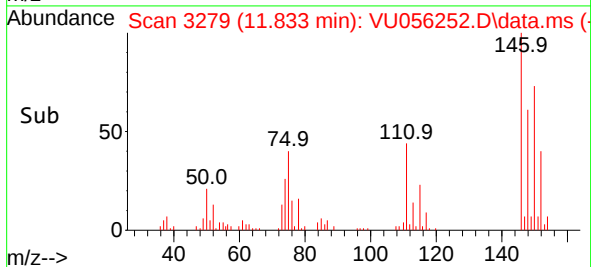
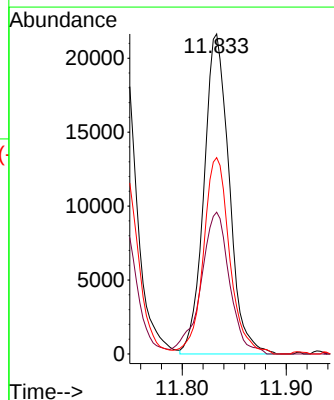
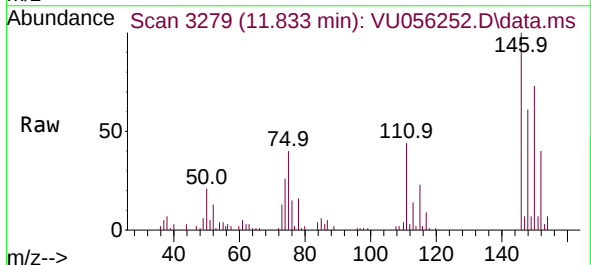
Instrument :
MSVOA_U
ClientSampleId :

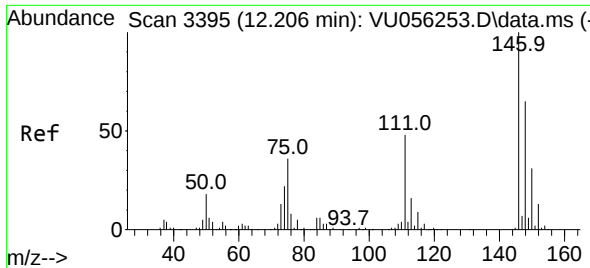
Tgt Ion:146 Resp: 36763
Ion Ratio Lower Upper
146 100
111 42.0 31.1 57.7
148 60.2 45.1 83.9



#65
1,4-Dichlorobenzene
Concen: 0.904 ug/L
RT: 11.833 min Scan# 3279
Delta R.T. 0.003 min
Lab File: VU056252.D
Acq: 13 Nov 2023 14:50

Tgt Ion:146 Resp: 36473
Ion Ratio Lower Upper
146 100
111 44.3 30.5 56.7
148 61.4 44.8 83.2

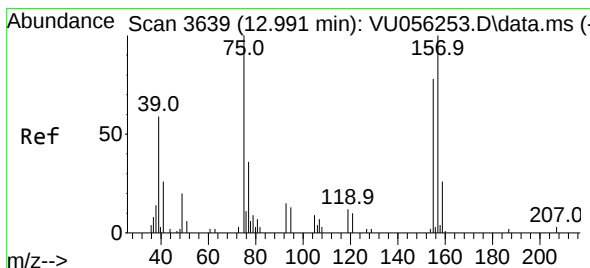
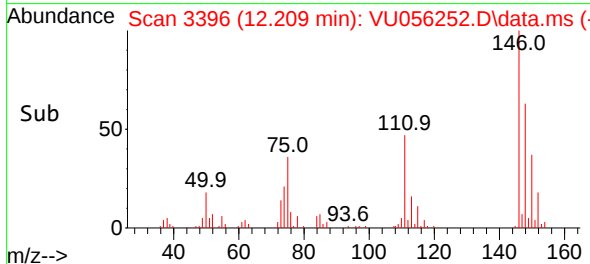
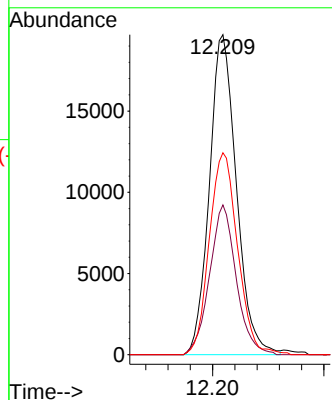
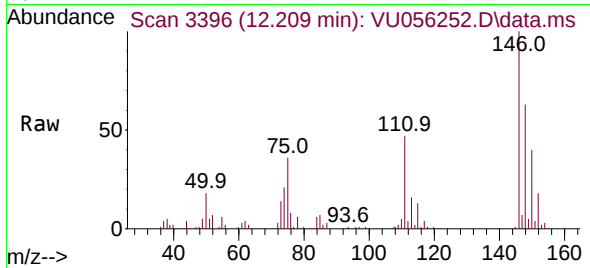




#67
1,2-Dichlorobenzene
Concen: 0.900 ug/L
RT: 12.209 min Scan# 3395
Delta R.T. 0.003 min
Lab File: VU056252.D
Acq: 13 Nov 2023 14:50

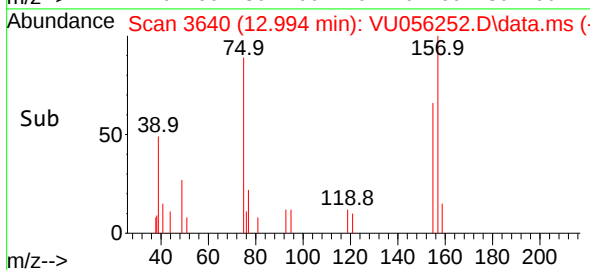
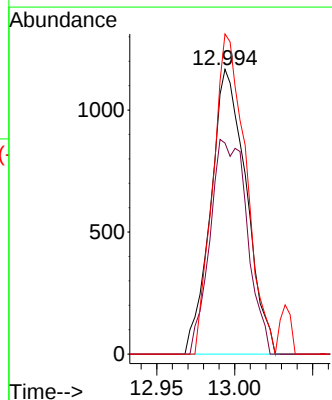
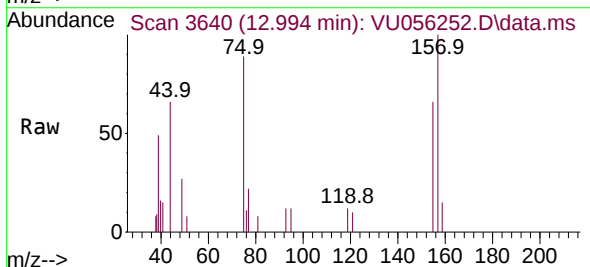
Instrument :
MSVOA_U
ClientSampleId :

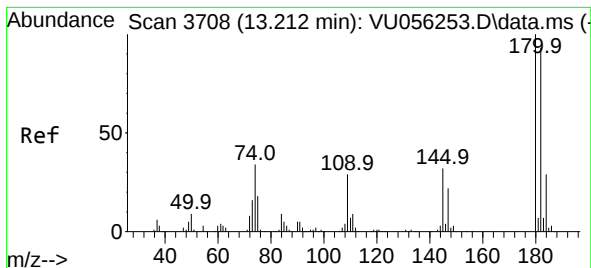
Tgt Ion:146 Resp: 33207
Ion Ratio Lower Upper
146 100
111 46.8 38.3 57.5
148 63.1 52.2 78.4



#68
1,2-Dibromo-3-chloropropane
Concen: 0.735 ug/L
RT: 12.994 min Scan# 3640
Delta R.T. 0.003 min
Lab File: VU056252.D
Acq: 13 Nov 2023 14:50

Tgt Ion: 75 Resp: 1846
Ion Ratio Lower Upper
75 100
155 74.1 62.4 93.6
157 112.4 80.2 120.2





#69

1,3,5-Trichlorobenzene

Concen: 0.856 ug/L

RT: 13.216 min Scan# 31

Delta R.T. 0.003 min

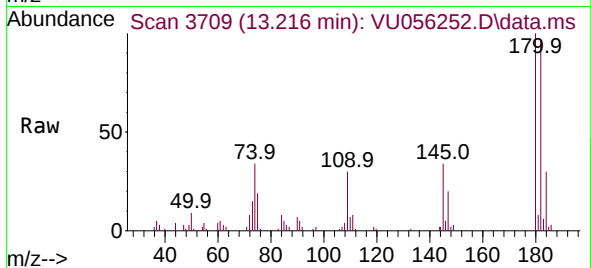
Lab File: VU056252.D

Acq: 13 Nov 2023 14:50

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 25910

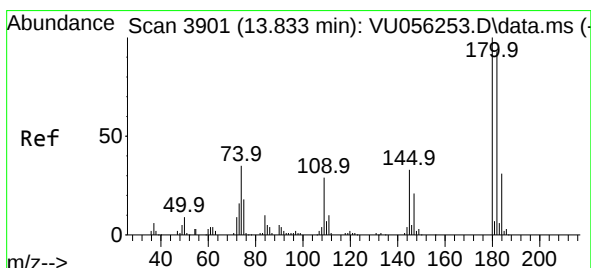
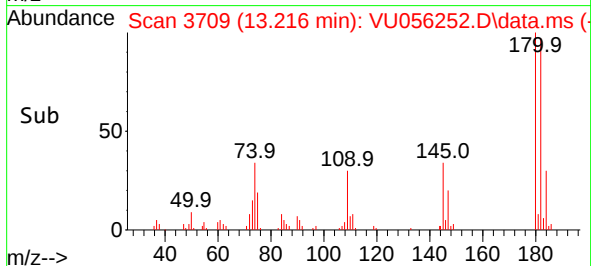
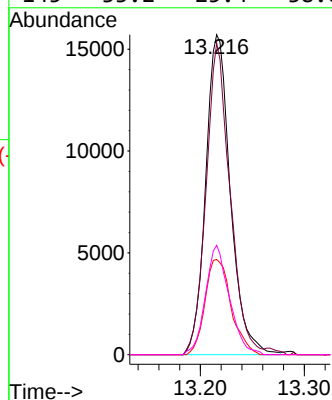
Ion Ratio Lower Upper

180 100

182 94.3 75.1 112.7

184 31.4 23.5 35.3

145 33.2 25.4 38.0



#70

1,2,4-trichlorobenzene

Concen: 0.873 ug/L

RT: 13.839 min Scan# 3903

Delta R.T. 0.006 min

Lab File: VU056252.D

Acq: 13 Nov 2023 14:50

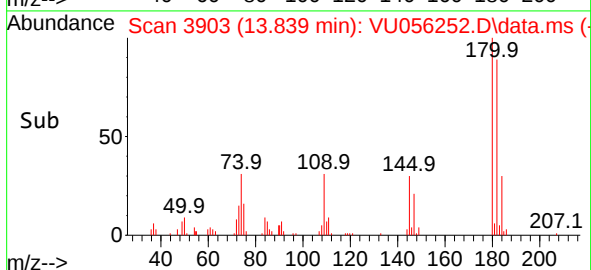
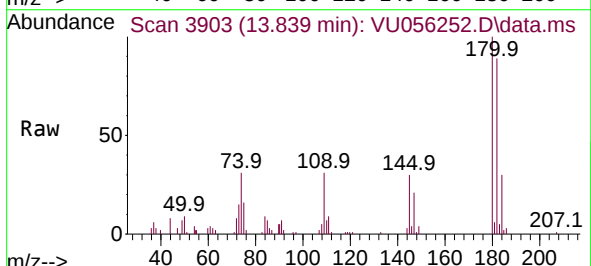
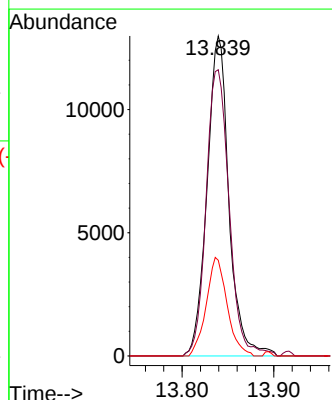
Tgt Ion:180 Resp: 21518

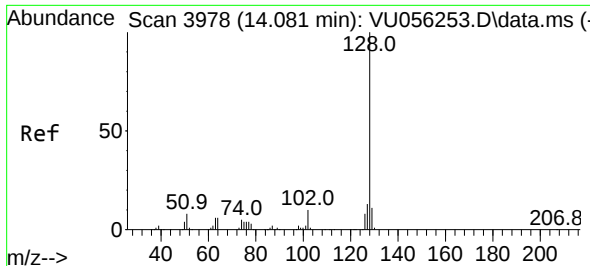
Ion Ratio Lower Upper

180 100

182 94.0 75.4 113.2

145 29.4 26.8 40.2

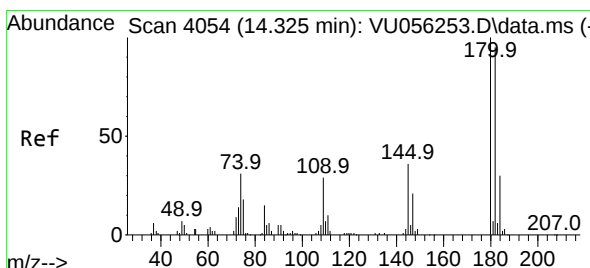
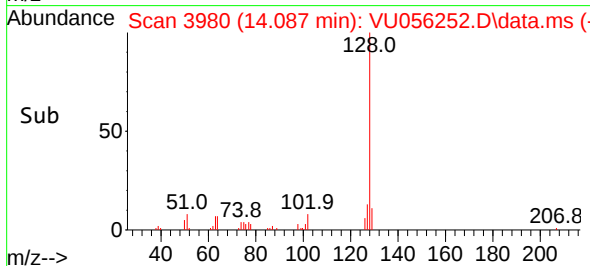
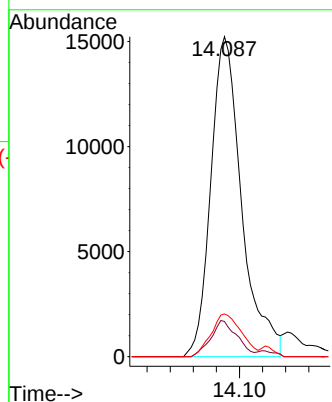
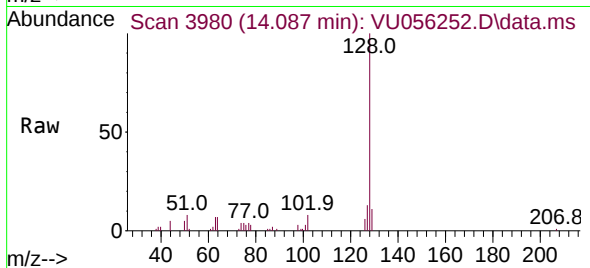




#71
Naphthalene
Concen: 0.757 ug/L
RT: 14.087 min Scan# 3978
Delta R.T. 0.006 min
Lab File: VU056252.D
Acq: 13 Nov 2023 14:50

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128	Resp:	28222
Ion Ratio	Lower	Upper
128	100	
129	9.6	8.6 12.8
127	13.2	10.3 15.5



#72
1,2,3-Trichlorobenzene
Concen: 0.839 ug/L
RT: 14.325 min Scan# 4054
Delta R.T. -0.000 min
Lab File: VU056252.D
Acq: 13 Nov 2023 14:50

Tgt Ion:180	Resp:	17045
Ion Ratio	Lower	Upper
180	100	
182	99.7	78.6 117.8
145	36.7	29.0 43.6

