

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101123\
 Data File : VU055741.D
 Acq On : 11 Oct 2023 12:09
 Operator : MD/SY
 Sample : 04696-02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 12 01:54:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 12 01:53:31 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	420959	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	423927	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	214829	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	158437	41.961	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.920%
7) Chloroethane-d5	1.888	69	133231	43.166	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.340%
11) 1,1-Dichloroethene-d2	2.557	63	224000	33.271	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.540%
21) 2-Butanone-d5	4.615	46	256879	91.814	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.810%
24) Chloroform-d	5.058	84	319605	44.153	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.300%
26) 1,2-Dichloroethane-d4	5.695	65	215687	48.409	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.820%
32) Benzene-d6	5.721	84	628758	46.356	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.720%
36) 1,2-Dichloropropane-d6	6.685	67	200628	46.723	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.440%
41) Toluene-d8	7.894	98	553565	45.198	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.400%
43) trans-1,3-Dichloroprop...	8.174	79	94290	45.712	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.420%
47) 2-Hexanone-d5	8.631	63	168560	99.853	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.850%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	331448	50.147	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.300%
66) 1,2-Dichlorobenzene-d4	12.190	152	217681	51.061	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.120%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	6108	1.743	ug/L	98
3) Chloromethane	1.518	50	7813	2.356	ug/L	97
5) Vinyl chloride	1.602	62	7770	2.129	ug/L #	63
6) Bromomethane	1.830	94	3954	1.695	ug/L	94
8) Chloroethane	1.911	64	4706	1.966	ug/L	98
9) Trichlorofluoromethane	2.126	101	10640	2.040	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	7728	2.304	ug/L #	84
12) 1,1-Dichloroethene	2.570	96	7969	2.670	ug/L #	1
13) Acetone	2.621	43	9697	3.735	ug/L	96
14) Carbon disulfide	2.785	76	16307	1.796	ug/L	96
15) Methyl Acetate	2.946	43	7593	1.910	ug/L	95
17) trans-1,2-Dichloroethene	3.348	96	5875	1.925	ug/L	81
18) Methyl tert-butyl Ether	3.357	73	18291	1.864	ug/L #	89
19) 1,1-Dichloroethane	3.865	63	11887	1.899	ug/L	99
20) cis-1,2-Dichloroethene	4.663	96	6237	1.791	ug/L	94
22) 2-Butanone	4.718	43	9356	2.990	ug/L	98
23) Bromochloromethane	4.972	128	3288	1.823	ug/L #	96
25) Chloroform	5.084	83	13528	2.069	ug/L	95
27) 1,2-Dichloroethane	5.791	62	10284	1.967	ug/L	99

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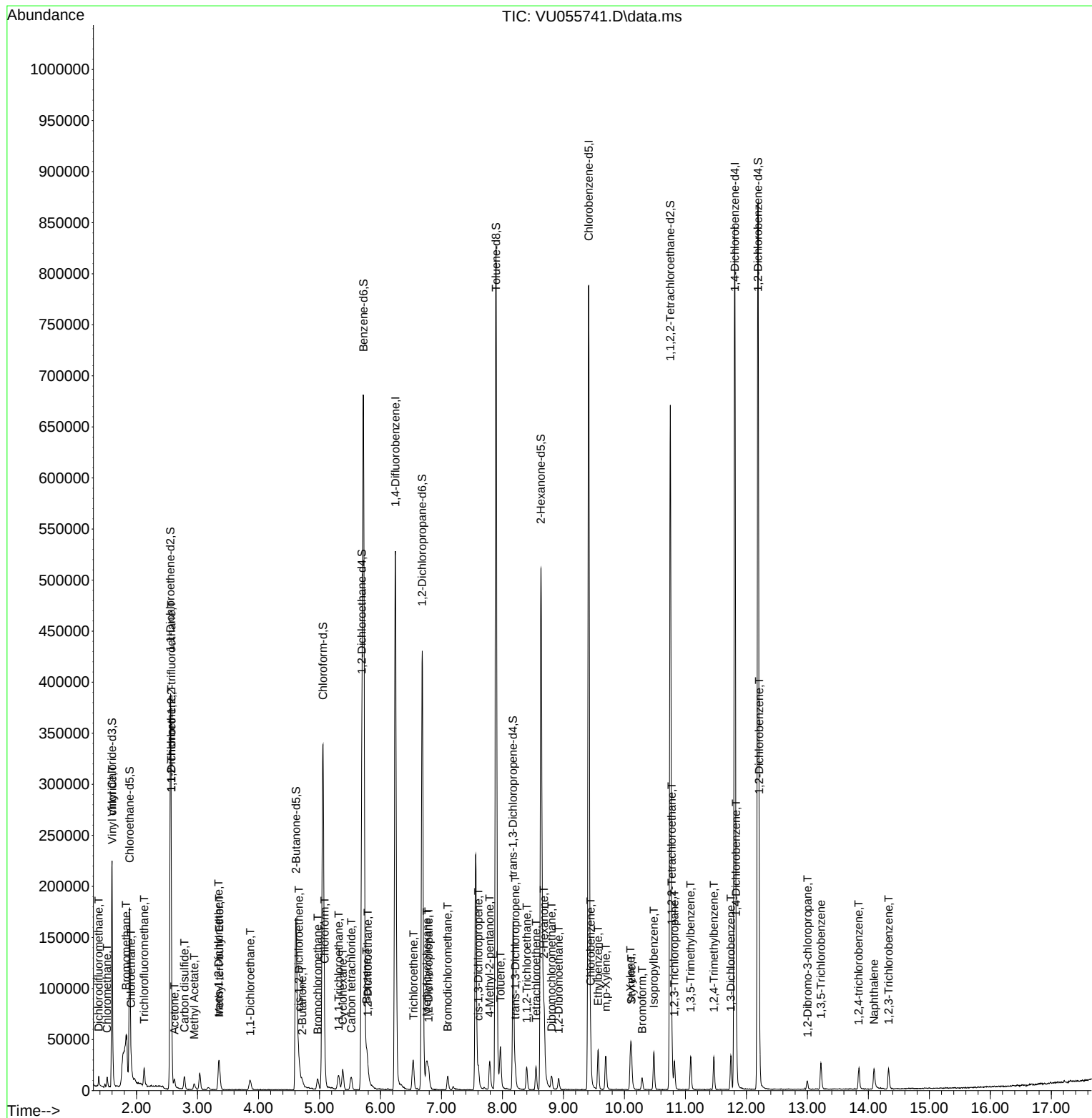
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	5.383	56	8413	1.731	ug/L #	85
30) 1,1,1-Trichloroethane	5.316	97	9970	1.820	ug/L #	83
31) Carbon tetrachloride	5.521	117	9045	1.887	ug/L	95
33) Benzene	5.772	78	25541	1.906	ug/L	100
34) Trichloroethene	6.544	95	6789	1.852	ug/L	97
35) Methylcyclohexane	6.762	83	9923	1.865	ug/L	94
37) 1,2-Dichloropropane	6.788	63	7598	2.059	ug/L #	97
38) Bromodichloromethane	7.103	83	9771	2.008	ug/L	88
39) cis-1,3-Dichloropropene	7.605	75	10060	1.792	ug/L	99
40) 4-Methyl-2-pentanone	7.791	43	18891	3.680	ug/L	96
42) Toluene	7.968	91	26846	1.899	ug/L	95
44) trans-1,3-Dichloropropene	8.209	75	10486	1.952	ug/L	97
45) 1,1,2-Trichloroethane	8.399	97	6969	1.915	ug/L	94
46) Tetrachloroethene	8.553	164	4431	1.688	ug/L	77
48) 2-Hexanone	8.682	43	42085	9.706	ug/L #	89
49) Dibromochloromethane	8.804	129	6893	1.854	ug/L	92
50) 1,2-Dibromoethane	8.923	107	7005	1.792	ug/L #	98
51) Chlorobenzene	9.447	112	17027	1.861	ug/L	96
52) Ethylbenzene	9.569	91	26507	1.715	ug/L	96
53) m,p-Xylene	9.695	106	10865	1.876	ug/L	76
54) o-Xylene	10.100	106	9712	1.733	ug/L	99
55) Styrene	10.116	104	15089	1.589	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.775	83	14877	2.388	ug/L #	93
59) Bromoform	10.290	173	5442	2.058	ug/L #	85
60) 1,2,3-Trichloropropane	10.820	75	11523	2.471	ug/L	93
61) Isopropylbenzene	10.483	105	24239	1.810	ug/L	98
62) 1,3,5-Trimethylbenzene	11.087	105	18311	1.690	ug/L	99
63) 1,2,4-Trimethylbenzene	11.466	105	17772	1.658	ug/L	99
64) 1,3-Dichlorobenzene	11.746	146	13113	1.981	ug/L	94
65) 1,4-Dichlorobenzene	11.833	146	13867	2.037	ug/L #	91
67) 1,2-Dichlorobenzene	12.209	146	14369	2.187	ug/L	93
68) 1,2-Dibromo-3-chloropr...	13.003	75	2433	1.745	ug/L #	83
69) 1,3,5-Trichlorobenzene	13.222	180	7969	1.805	ug/L	94
70) 1,2,4-trichlorobenzene	13.843	180	6515	1.771	ug/L	93
71) Naphthalene	14.093	128	20504	1.876	ug/L #	93
72) 1,2,3-Trichlorobenzene	14.331	180	6097	1.681	ug/L	90

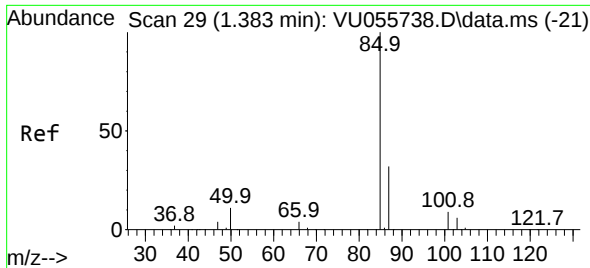
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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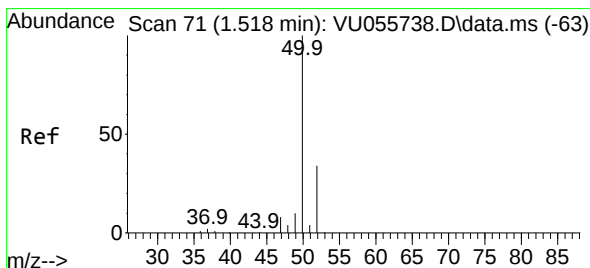
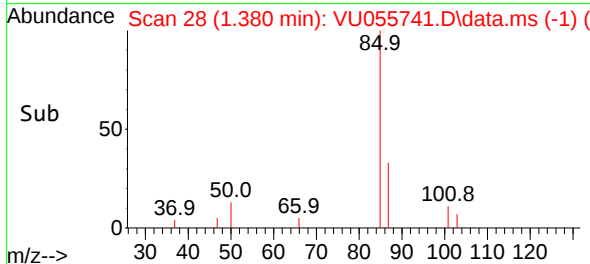
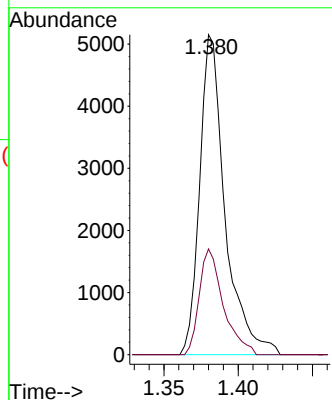
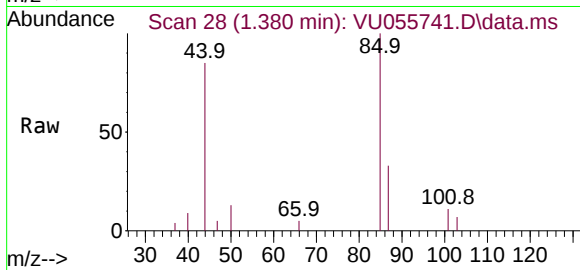




#2
 Dichlorodifluoromethane
 Concen: 1.743 ug/L
 RT: 1.380 min Scan# 29
 Delta R.T. -0.003 min
 Lab File: VU055741.D
 Acq: 11 Oct 2023 12:09

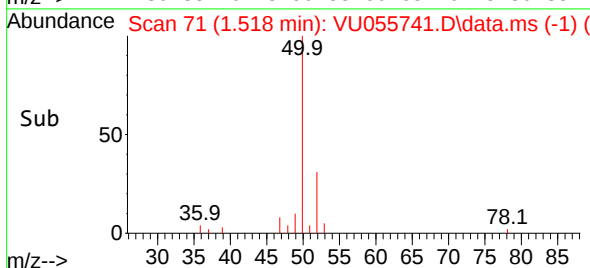
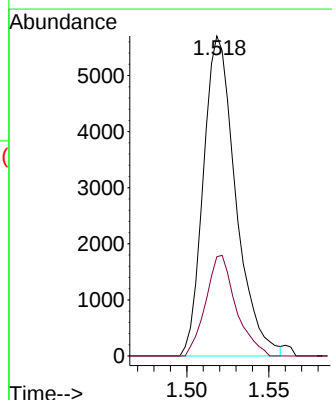
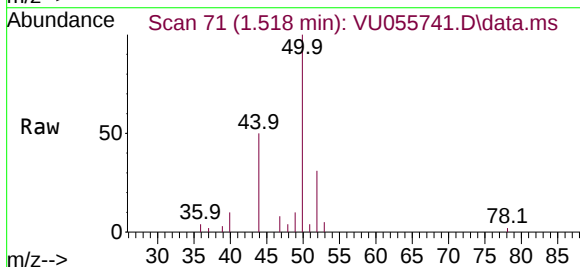
Instrument :
 MSVOA_U
 ClientSampleId :

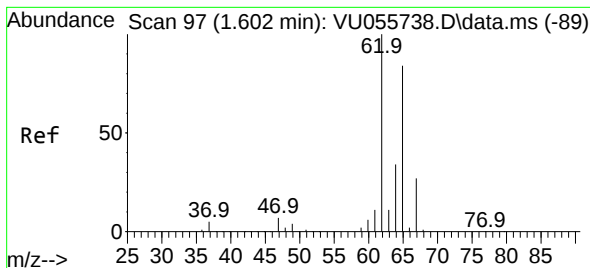
Tgt Ion: 85 Resp: 6108
 Ion Ratio Lower Upper
 85 100
 87 31.4 26.0 39.0



#3
 Chloromethane
 Concen: 2.356 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VU055741.D
 Acq: 11 Oct 2023 12:09

Tgt Ion: 50 Resp: 7813
 Ion Ratio Lower Upper
 50 100
 52 31.0 22.8 42.4





#5

Vinyl chloride

Concen: 2.129 ug/L

RT: 1.602 min Scan# 91

Delta R.T. -0.000 min

Lab File: VU055741.D

Acq: 11 Oct 2023 12:09

Instrument :

MSVOA_U

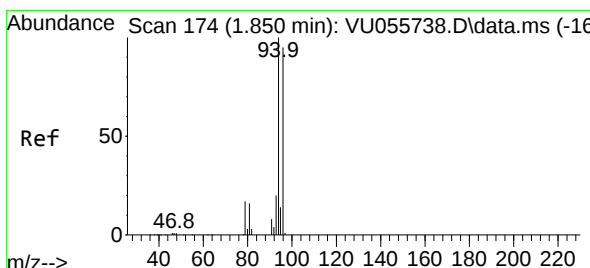
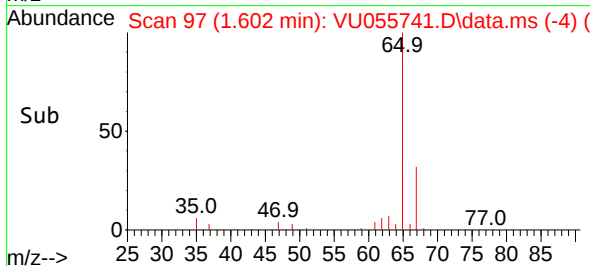
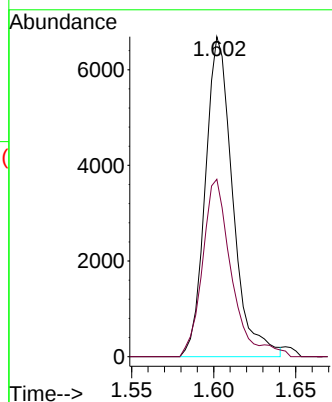
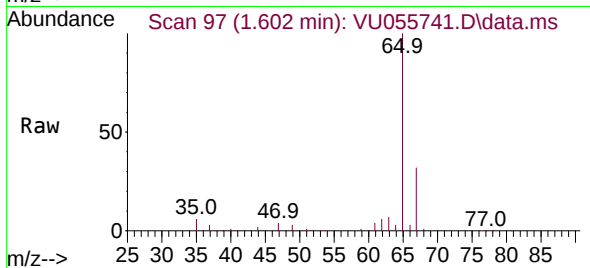
ClientSampleId :

Tgt Ion: 62 Resp: 7770

Ion Ratio Lower Upper

62 100

64 55.4 23.9 44.5#



#6

Bromomethane

Concen: 1.695 ug/L

RT: 1.830 min Scan# 168

Delta R.T. -0.019 min

Lab File: VU055741.D

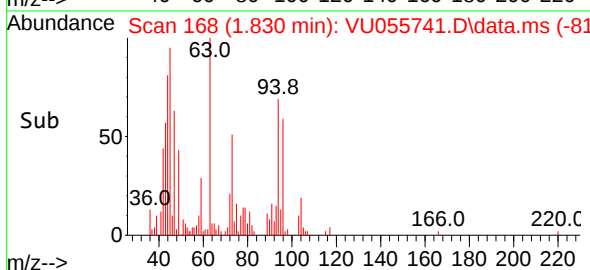
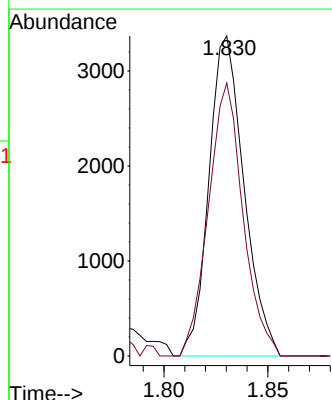
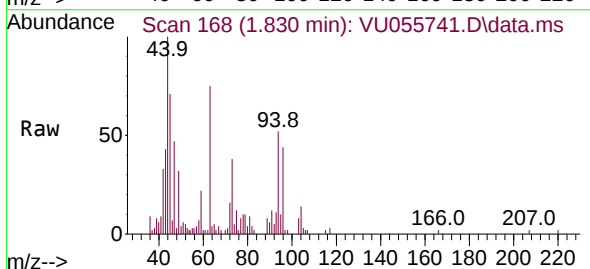
Acq: 11 Oct 2023 12:09

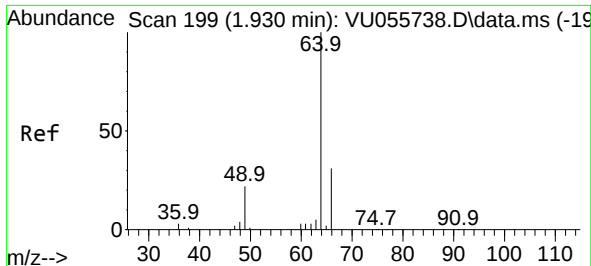
Tgt Ion: 94 Resp: 3954

Ion Ratio Lower Upper

94 100

96 85.3 63.5 117.9

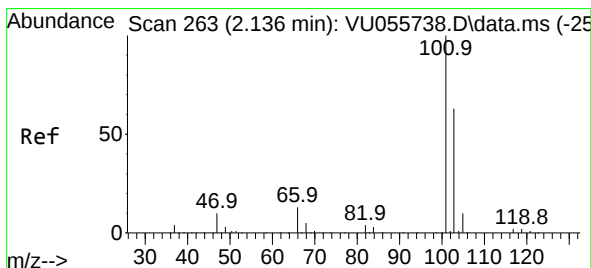
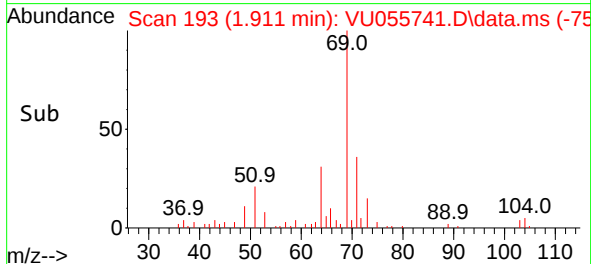
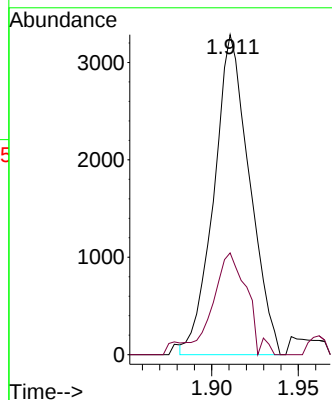
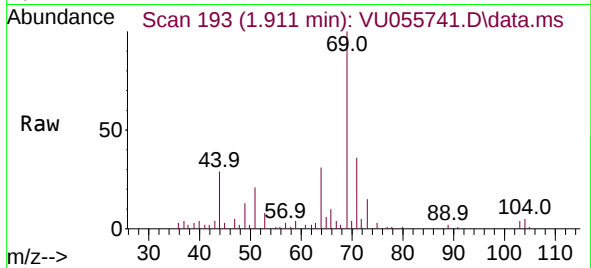




#8
Chloroethane
Concen: 1.966 ug/L
RT: 1.911 min Scan# 19
Delta R.T. -0.019 min
Lab File: VU055741.D
Acq: 11 Oct 2023 12:09

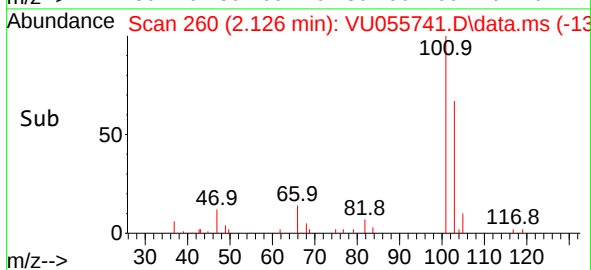
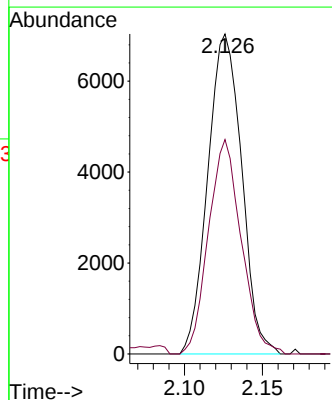
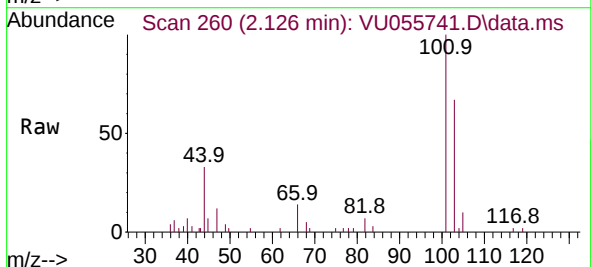
Instrument :
MSVOA_U
ClientSampleId :

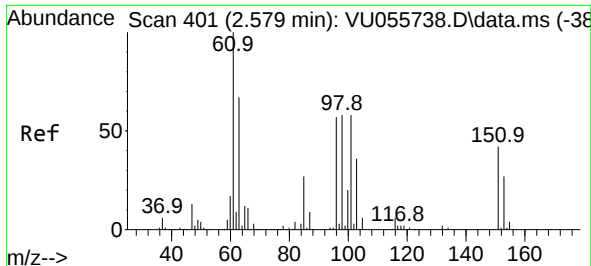
Tgt Ion: 64 Resp: 4706
Ion Ratio Lower Upper
64 100
66 31.8 22.9 42.5



#9
Trichlorofluoromethane
Concen: 2.040 ug/L
RT: 2.126 min Scan# 260
Delta R.T. -0.010 min
Lab File: VU055741.D
Acq: 11 Oct 2023 12:09

Tgt Ion:101 Resp: 10640
Ion Ratio Lower Upper
101 100
103 64.6 51.3 76.9





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 2.304 ug/L

RT: 2.570 min Scan# 398

Delta R.T. -0.010 min

Lab File: VU055741.D

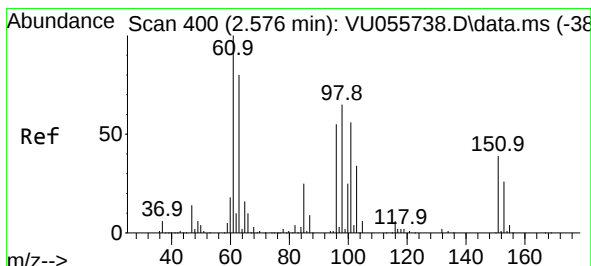
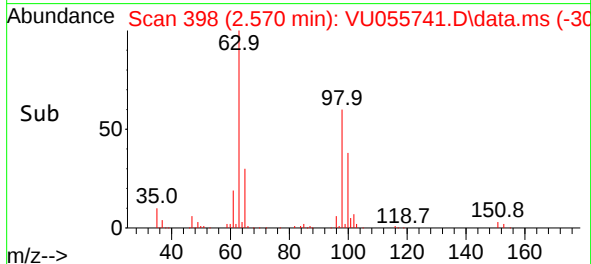
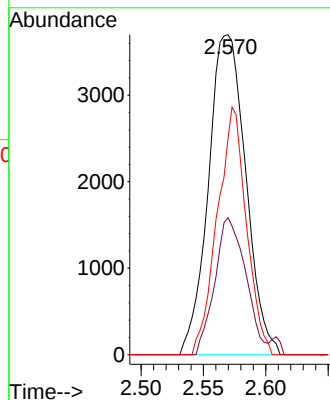
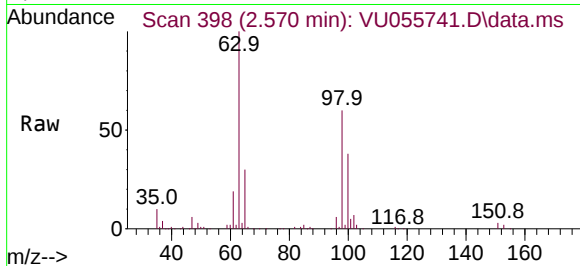
Acq: 11 Oct 2023 12:09

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	101	Resp:	7728
Ion	Ratio	Lower	Upper
101	100		
85	35.6	37.1	55.7#
151	60.1	58.2	87.4



#12

1,1-Dichloroethene

Concen: 2.670 ug/L

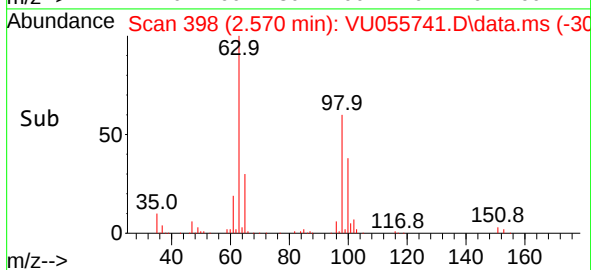
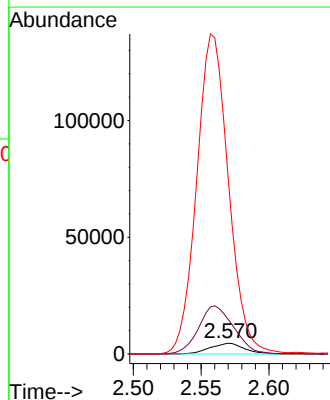
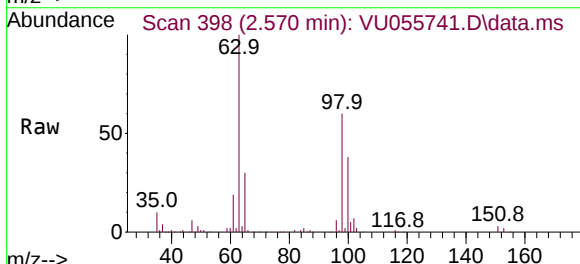
RT: 2.570 min Scan# 398

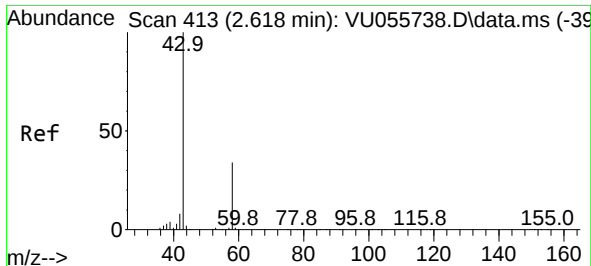
Delta R.T. -0.007 min

Lab File: VU055741.D

Acq: 11 Oct 2023 12:09

Tgt Ion:	96	Resp:	7969
Ion	Ratio	Lower	Upper
96	100		
61	325.9	122.0	226.6#
63	1678.3	93.7	174.1#





#13

Acetone

Concen: 3.735 ug/L

RT: 2.621 min Scan# 413

Delta R.T. 0.003 min

Lab File: VU055741.D

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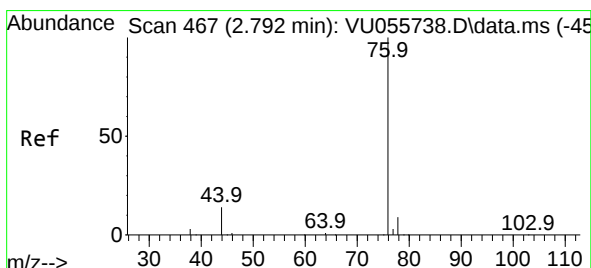
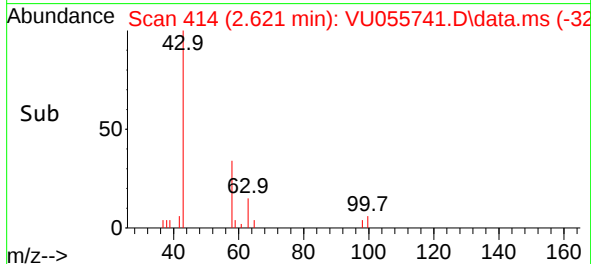
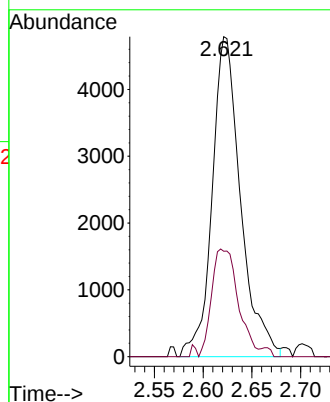
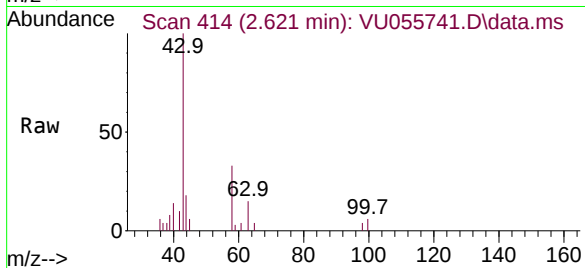
ClientSampleId :

Tgt Ion: 43 Resp: 9697

Ion Ratio Lower Upper

43 100

58 31.4 0.0 67.4



#14

Carbon disulfide

Concen: 1.796 ug/L

RT: 2.785 min Scan# 465

Delta R.T. -0.007 min

Lab File: VU055741.D

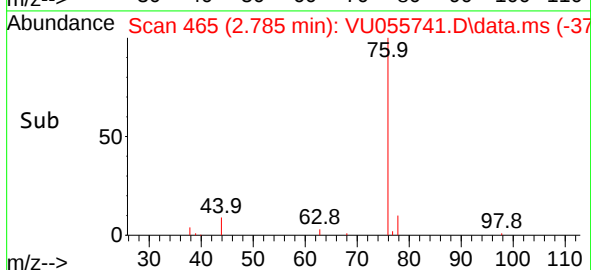
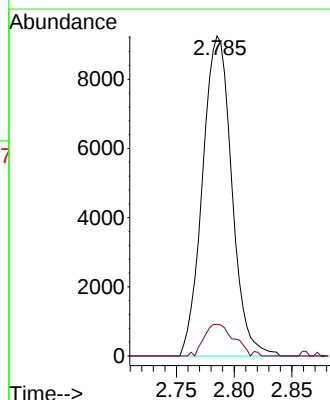
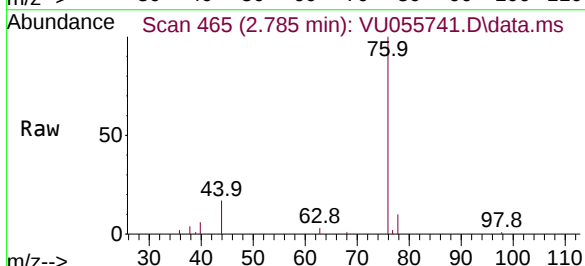
Acq: 11 Oct 2023 12:09

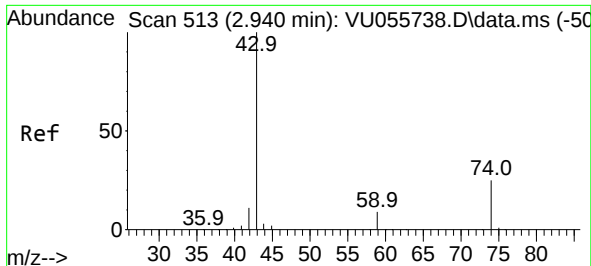
Tgt Ion: 76 Resp: 16307

Ion Ratio Lower Upper

76 100

78 9.9 6.8 10.2

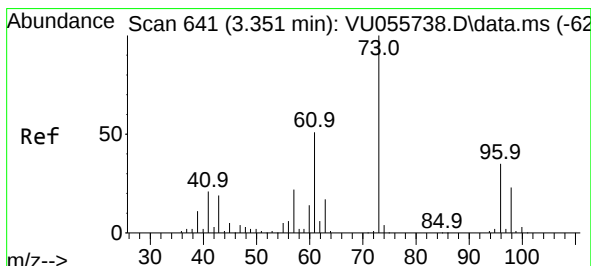
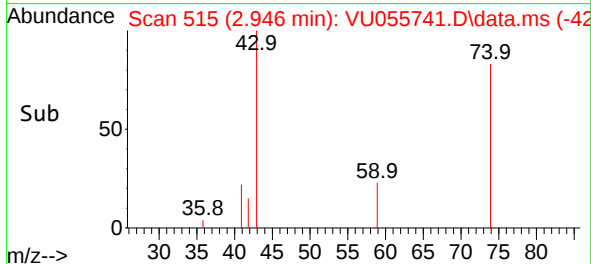
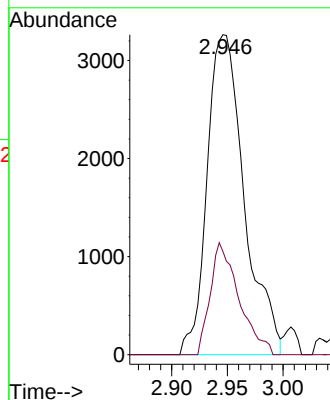
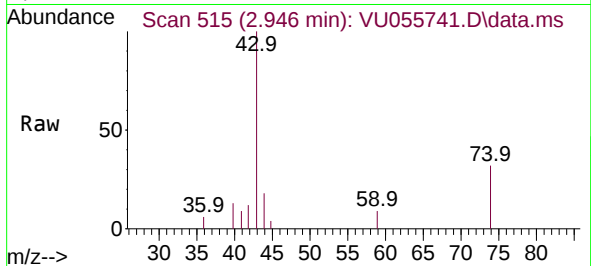




#15
Methyl Acetate
Concen: 1.910 ug/L
RT: 2.946 min Scan# 513
Delta R.T. 0.006 min
Lab File: VU055741.D
Acq: 11 Oct 2023 12:09

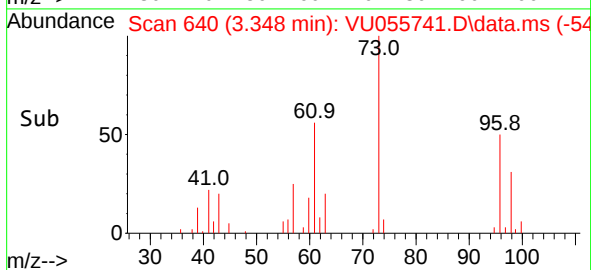
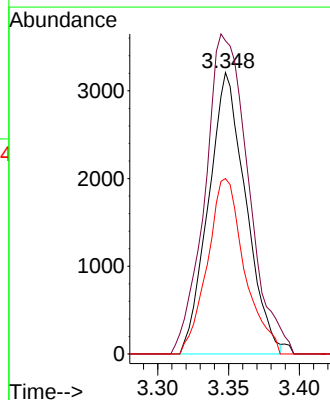
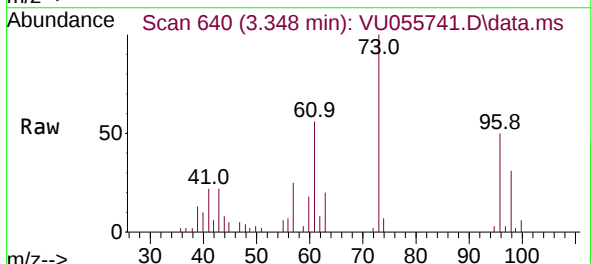
Instrument :
MSVOA_U
ClientSampleId :

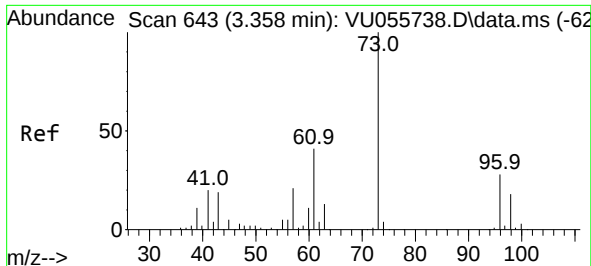
Tgt Ion: 43 Resp: 7593
Ion Ratio Lower Upper
43 100
74 26.9 19.5 29.3



#17
trans-1,2-Dichloroethene
Concen: 1.925 ug/L
RT: 3.348 min Scan# 640
Delta R.T. -0.003 min
Lab File: VU055741.D
Acq: 11 Oct 2023 12:09

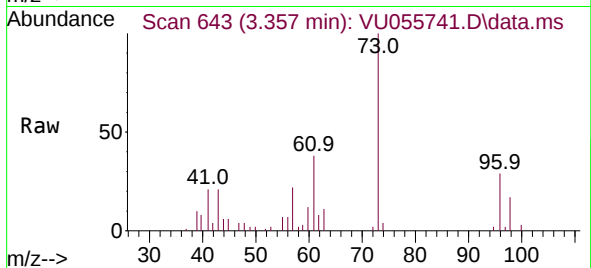
Tgt Ion: 96 Resp: 5875
Ion Ratio Lower Upper
96 100
61 111.3 102.1 189.7
98 65.6 46.3 86.1



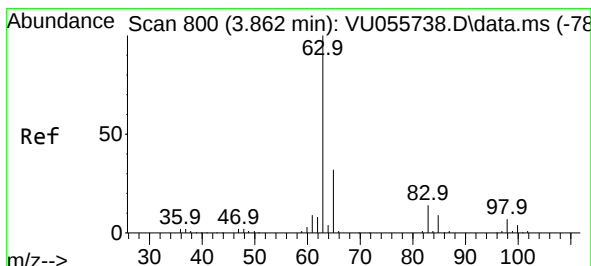
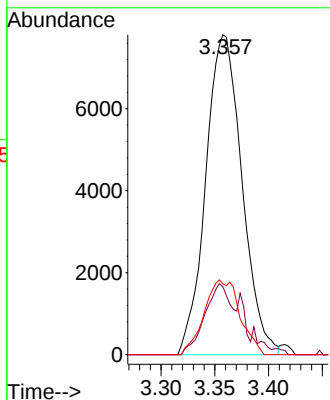
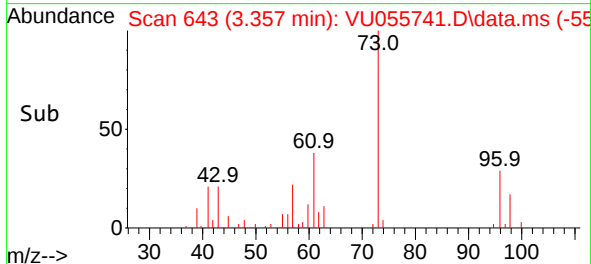


#18
Methyl tert-butyl Ether
Concen: 1.864 ug/L
RT: 3.357 min Scan# 643
Delta R.T. -0.000 min
Lab File: VU055741.D
Acq: 11 Oct 2023 12:09

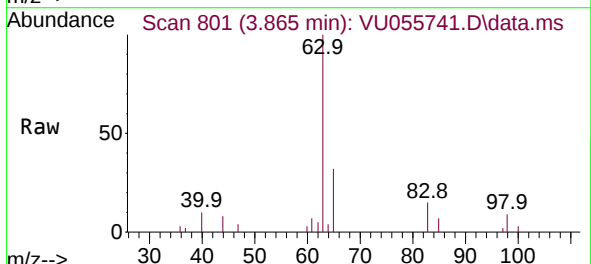
Instrument :
MSVOA_U
ClientSampleId :



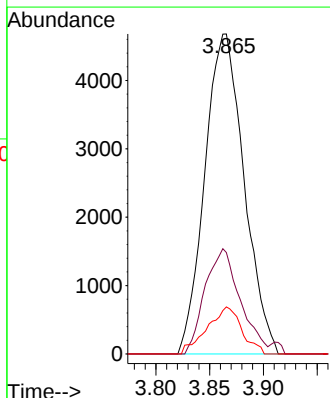
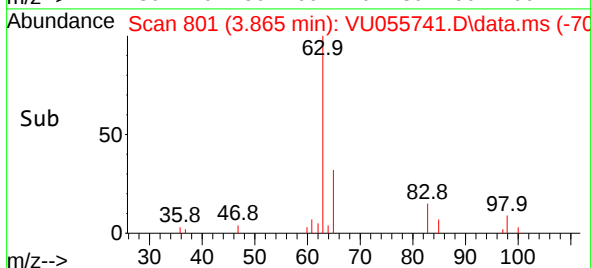
Tgt Ion: 73 Resp: 18291
Ion Ratio Lower Upper
73 100
43 16.7 15.4 23.2
57 14.5 17.7 26.5#

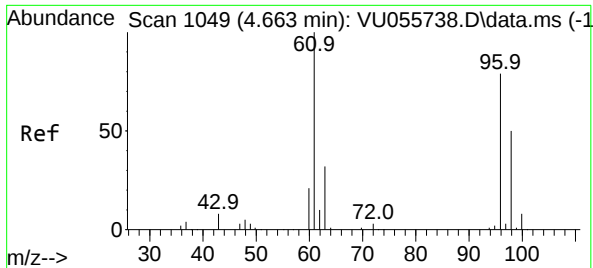


#19
1,1-Dichloroethane
Concen: 1.899 ug/L
RT: 3.865 min Scan# 801
Delta R.T. 0.003 min
Lab File: VU055741.D
Acq: 11 Oct 2023 12:09



Tgt Ion: 63 Resp: 11887
Ion Ratio Lower Upper
63 100
65 31.7 22.3 41.5
83 14.7 9.5 17.7

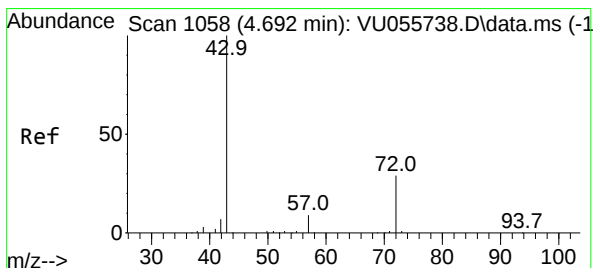
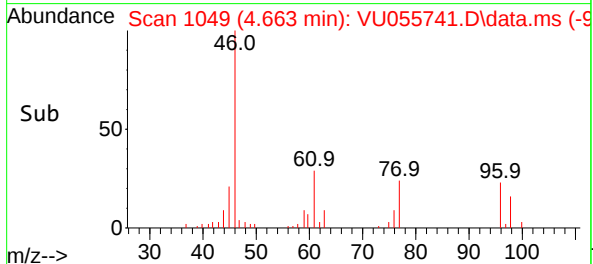
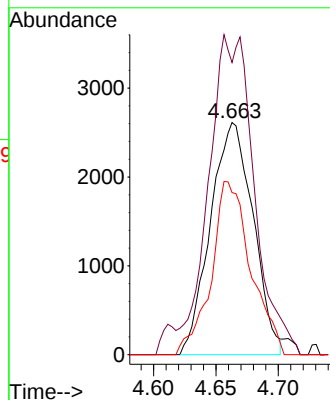
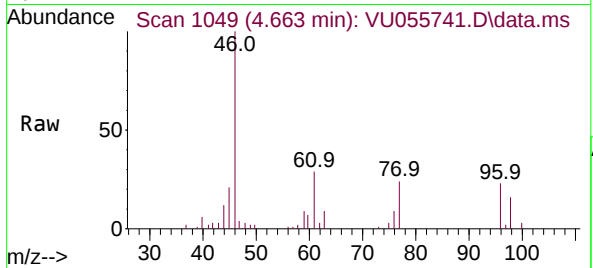




#20
 cis-1,2-Dichloroethene
 Concen: 1.791 ug/L
 RT: 4.663 min Scan# 1049
 Delta R.T. -0.000 min
 Lab File: VU055741.D
 Acq: 11 Oct 2023 12:09

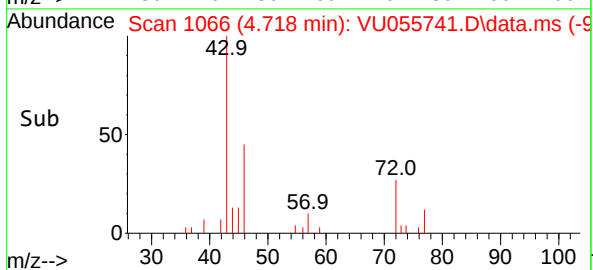
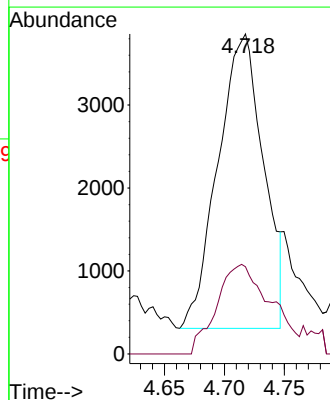
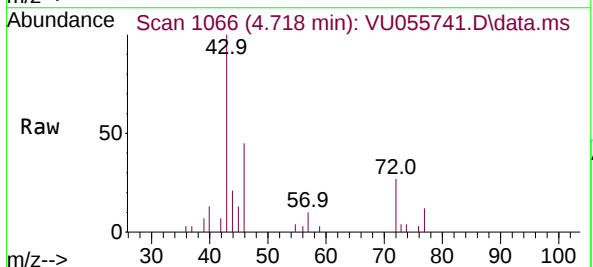
Instrument :
 MSVOA_U
 ClientSampleId :

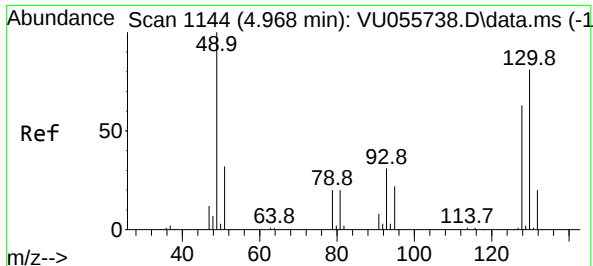
Tgt Ion: 96 Resp: 6237
 Ion Ratio Lower Upper
 96 100
 61 125.8 92.3 171.5
 98 69.8 43.9 81.5



#22
 2-Butanone
 Concen: 2.990 ug/L
 RT: 4.718 min Scan# 1066
 Delta R.T. 0.026 min
 Lab File: VU055741.D
 Acq: 11 Oct 2023 12:09

Tgt Ion: 43 Resp: 9356
 Ion Ratio Lower Upper
 43 100
 72 30.4 14.6 44.0





#23

Bromochloromethane

Concen: 1.823 ug/L

RT: 4.972 min Scan# 1144

Delta R.T. 0.003 min

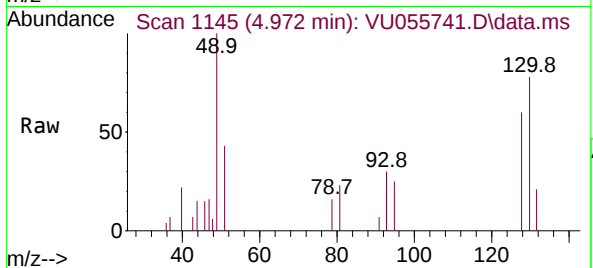
Lab File: VU055741.D

Acq: 11 Oct 2023 12:09

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:128 Resp: 3288

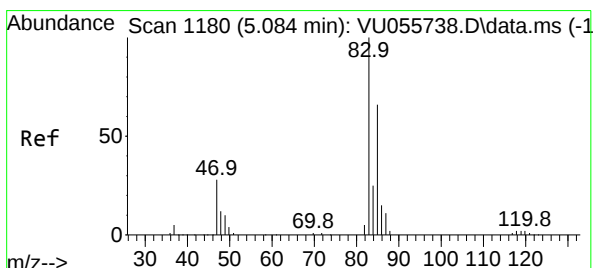
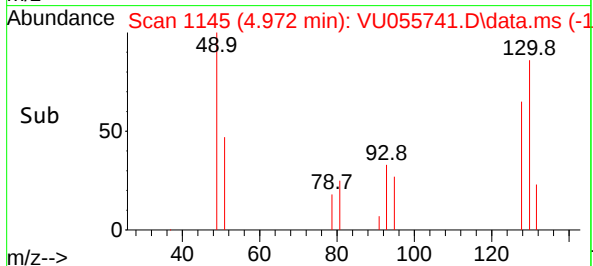
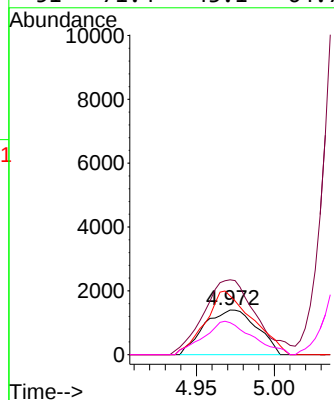
Ion Ratio Lower Upper

128 100

49 167.5 116.3 216.1

130 131.3 91.6 170.0

51 71.4 43.1 64.7#



#25

Chloroform

Concen: 2.069 ug/L

RT: 5.084 min Scan# 1180

Delta R.T. -0.000 min

Lab File: VU055741.D

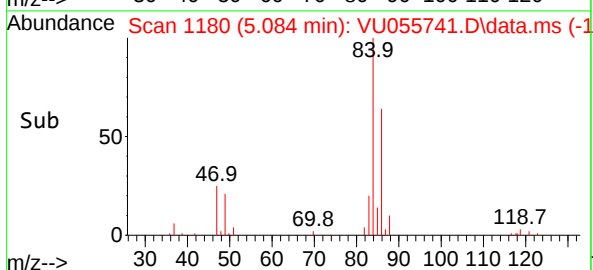
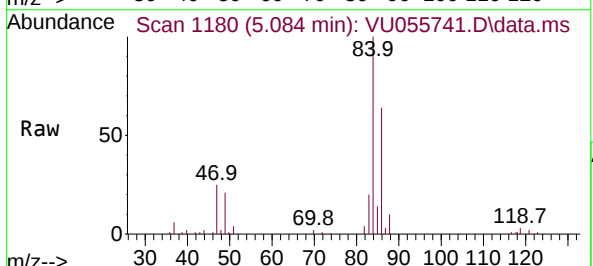
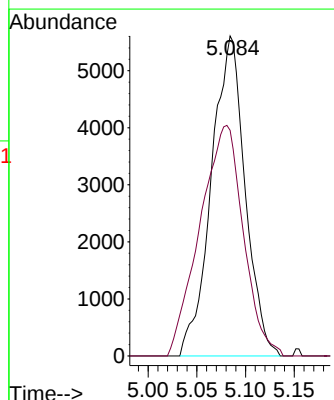
Acq: 11 Oct 2023 12:09

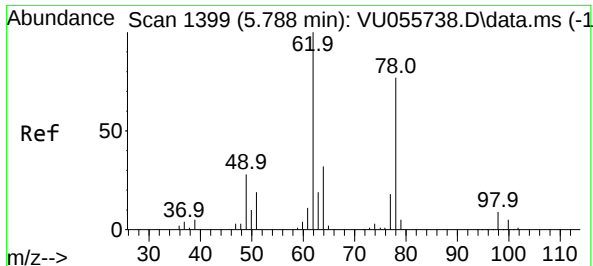
Tgt Ion: 83 Resp: 13528

Ion Ratio Lower Upper

83 100

85 70.5 46.3 86.1

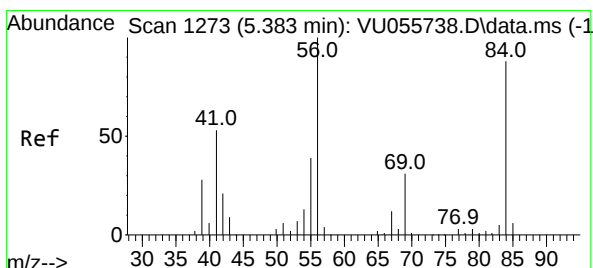
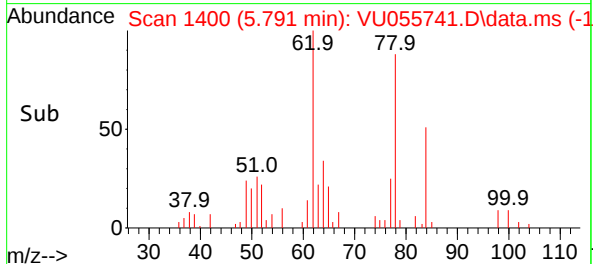
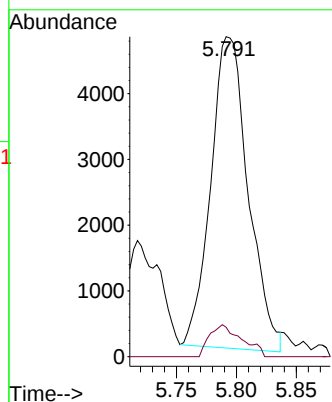
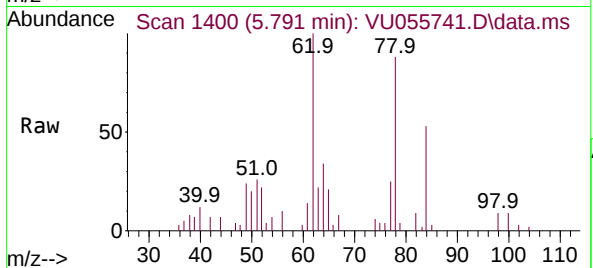




#27
1,2-Dichloroethane
Concen: 1.967 ug/L
RT: 5.791 min Scan# 1400
Delta R.T. 0.003 min
Lab File: VU055741.D
Acq: 11 Oct 2023 12:09

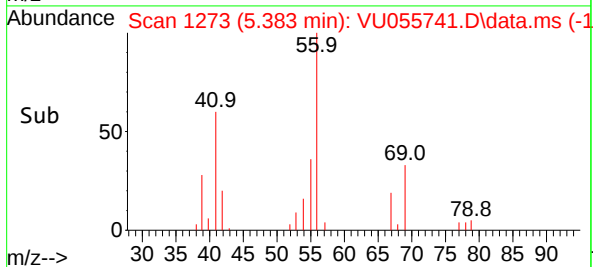
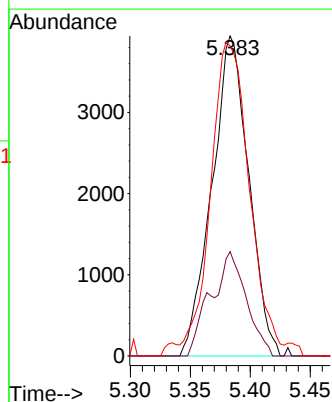
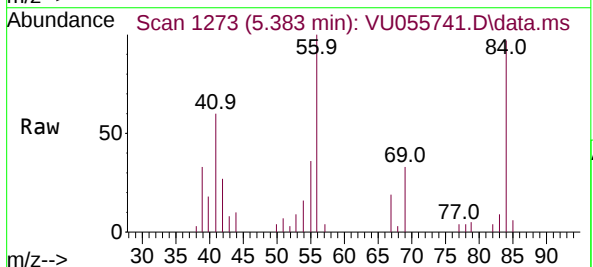
Instrument :
MSVOA_U
ClientSampleId :

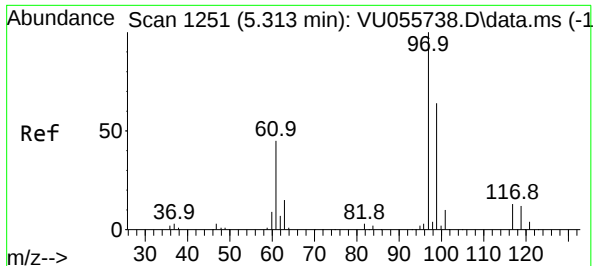
Tgt Ion: 62 Resp: 10284
Ion Ratio Lower Upper
62 100
98 9.2 7.2 10.8



#29
Cyclohexane
Concen: 1.731 ug/L
RT: 5.383 min Scan# 1273
Delta R.T. -0.000 min
Lab File: VU055741.D
Acq: 11 Oct 2023 12:09

Tgt Ion: 56 Resp: 8413
Ion Ratio Lower Upper
56 100
69 22.7 24.9 37.3#
84 102.7 70.7 106.1

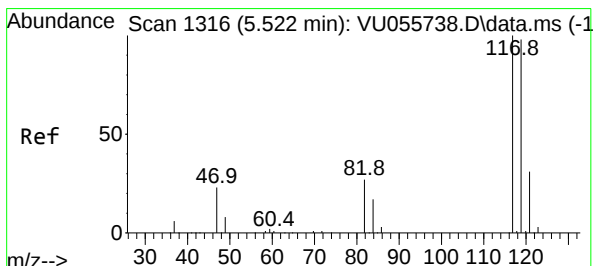
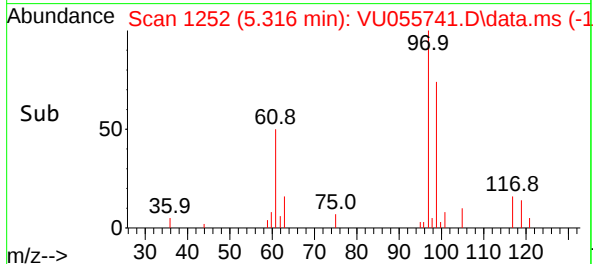
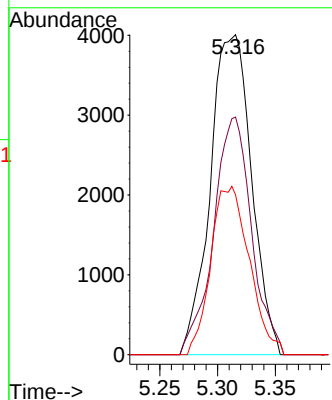
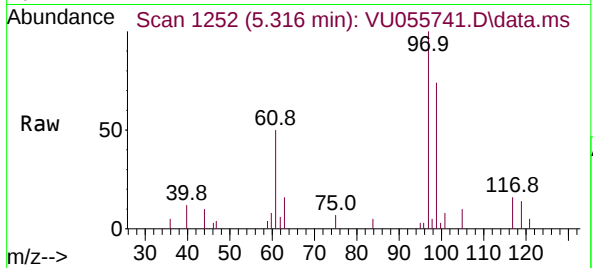




#30
1,1,1-Trichloroethane
Concen: 1.820 ug/L
RT: 5.316 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU055741.D
Acq: 11 Oct 2023 12:09

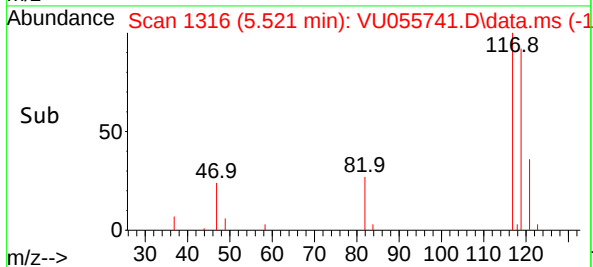
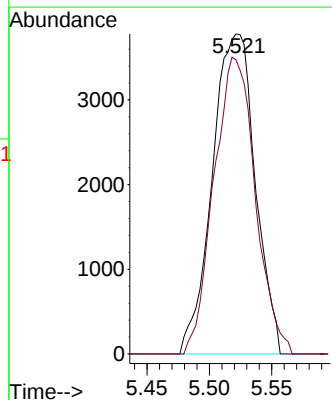
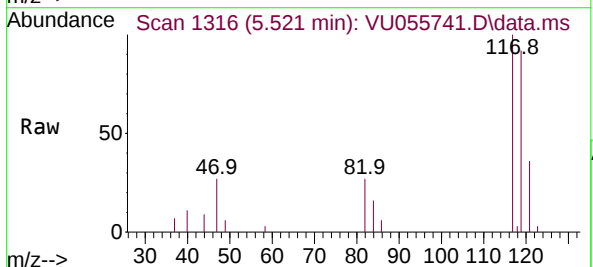
Instrument :
MSVOA_U
ClientSampleId :

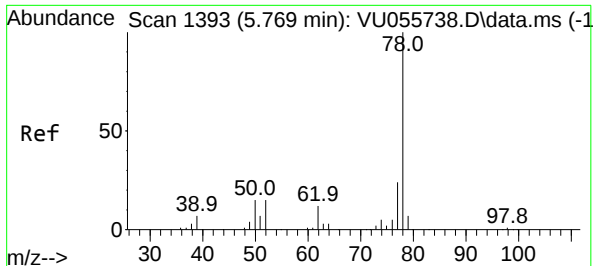
Tgt Ion: 97 Resp: 9970
Ion Ratio Lower Upper
97 100
99 68.4 51.6 77.4
61 24.0 36.8 55.2#



#31
Carbon tetrachloride
Concen: 1.887 ug/L
RT: 5.521 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VU055741.D
Acq: 11 Oct 2023 12:09

Tgt Ion: 117 Resp: 9045
Ion Ratio Lower Upper
117 100
119 89.6 75.4 113.0

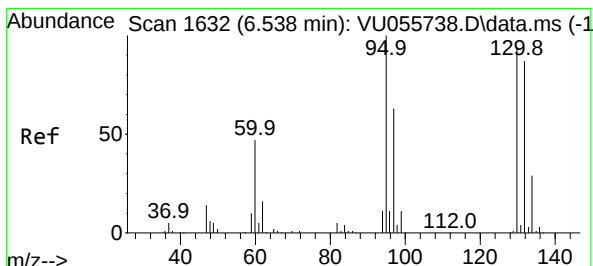
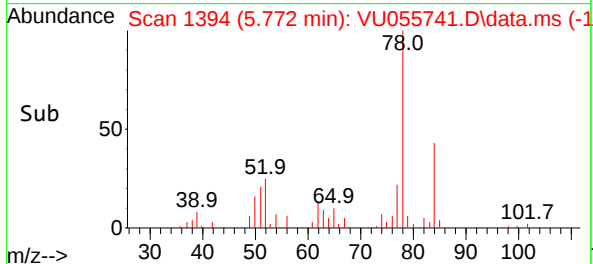
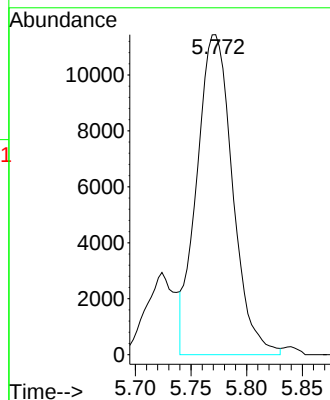
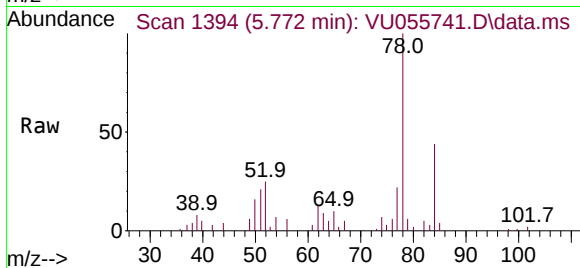




#33
Benzene
Concen: 1.906 ug/L
RT: 5.772 min Scan# 1393
Delta R.T. 0.003 min
Lab File: VU055741.D
Acq: 11 Oct 2023 12:09

Instrument :
MSVOA_U
ClientSampleId :

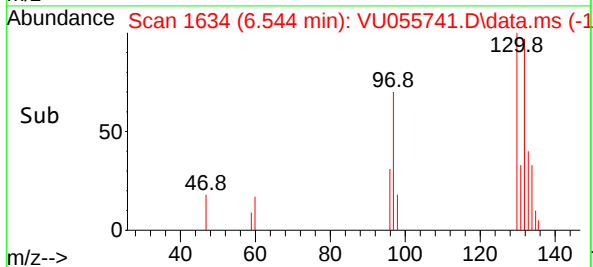
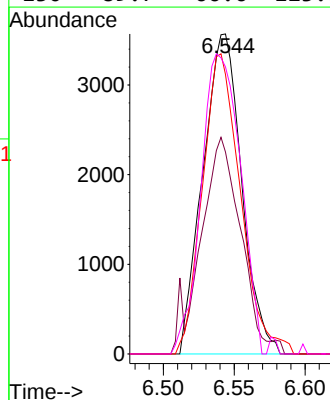
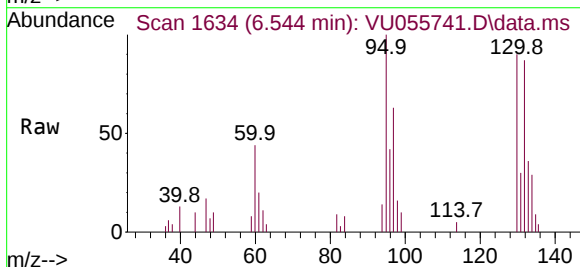
Tgt Ion: 78 Resp: 25541

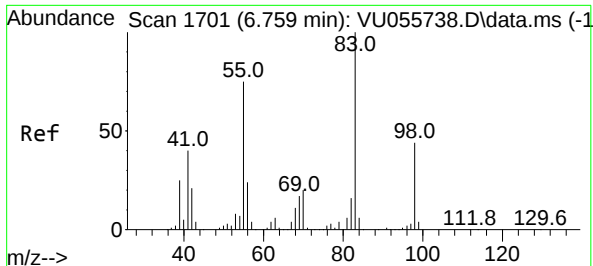


#34
Trichloroethene
Concen: 1.852 ug/L
RT: 6.544 min Scan# 1634
Delta R.T. 0.006 min
Lab File: VU055741.D
Acq: 11 Oct 2023 12:09

Tgt Ion: 95 Resp: 6789

Ion	Ratio	Lower	Upper
95	100		
97	63.1	44.4	82.5
132	87.3	61.8	114.8
130	89.7	66.6	123.8





#35

Methylcyclohexane

Concen: 1.865 ug/L

RT: 6.762 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU055741.D

Acq: 11 Oct 2023 12:09

Instrument :

MSVOA_U

ClientSampleId :

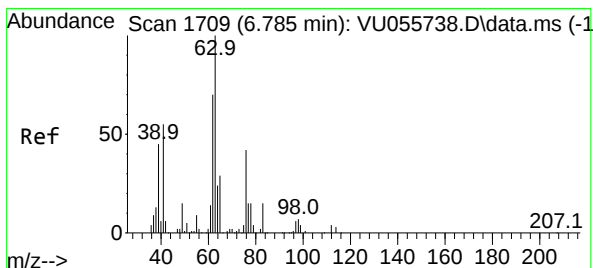
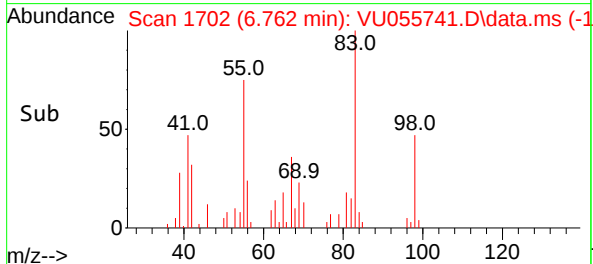
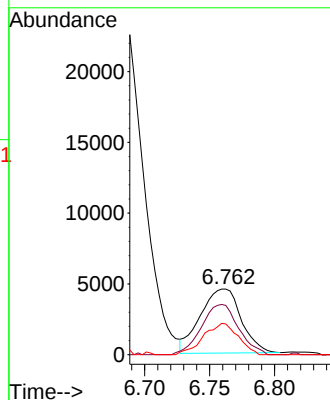
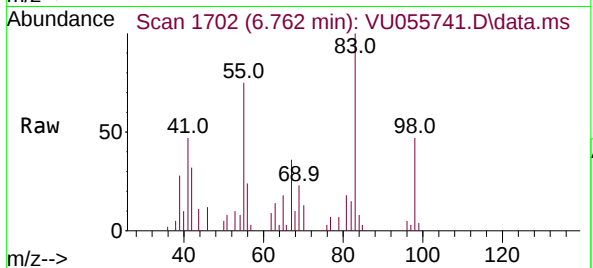
Tgt Ion: 83 Resp: 9923

Ion Ratio Lower Upper

83 100

55 71.0 61.2 91.8

98 41.3 35.8 53.6



#37

1,2-Dichloropropane

Concen: 2.059 ug/L

RT: 6.788 min Scan# 1710

Delta R.T. 0.003 min

Lab File: VU055741.D

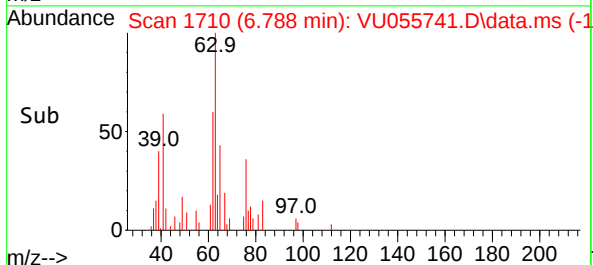
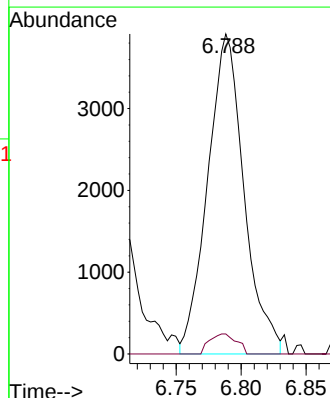
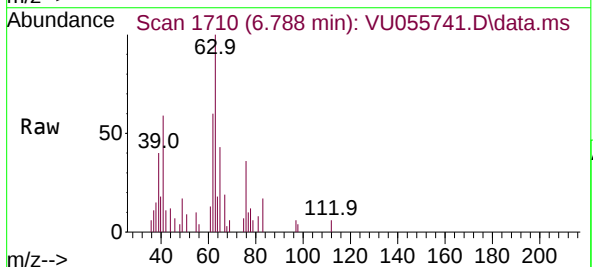
Acq: 11 Oct 2023 12:09

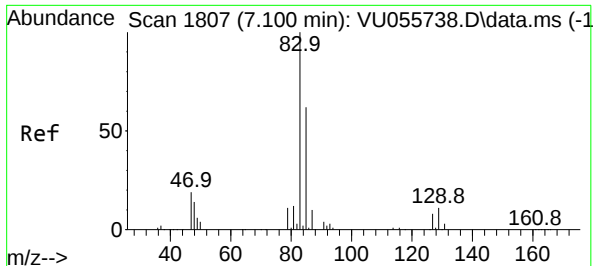
Tgt Ion: 63 Resp: 7598

Ion Ratio Lower Upper

63 100

112 4.6 3.0 4.4#

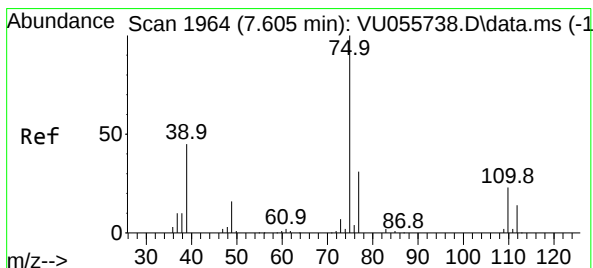
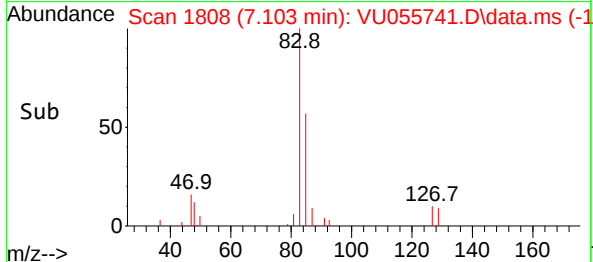
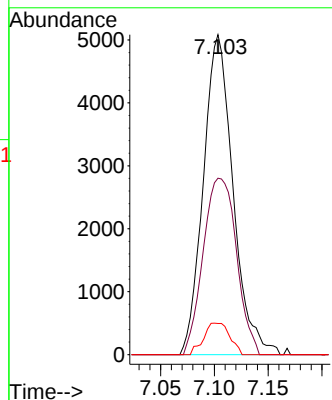
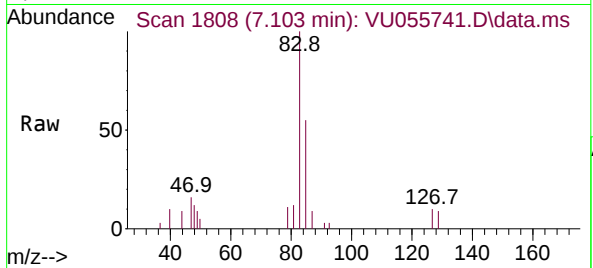




#38
Bromodichloromethane
Concen: 2.008 ug/L
RT: 7.103 min Scan# 1807
Delta R.T. 0.003 min
Lab File: VU055741.D
Acq: 11 Oct 2023 12:09

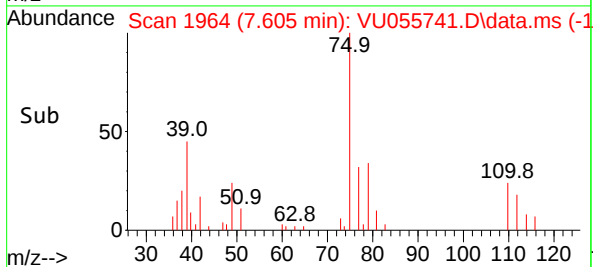
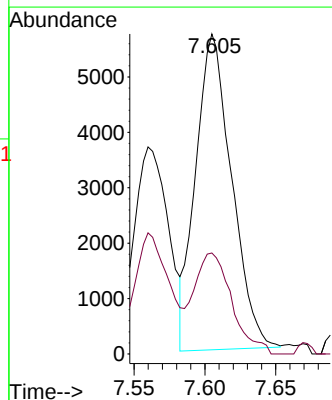
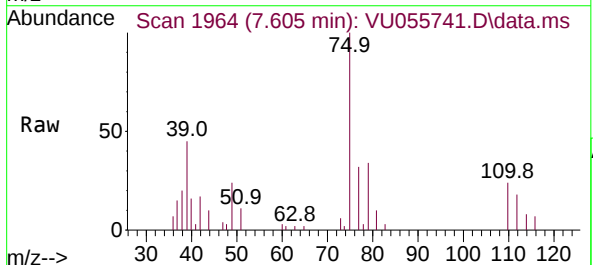
Instrument :
MSVOA_U
ClientSampleId :

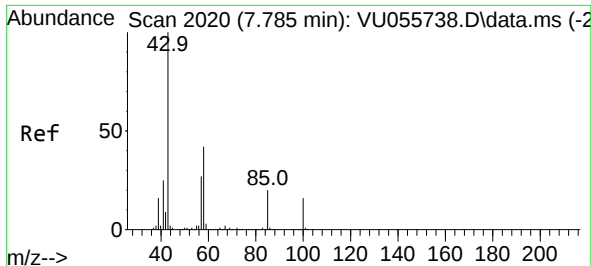
Tgt Ion: 83 Resp: 9771
Ion Ratio Lower Upper
83 100
85 55.1 46.0 85.4
127 9.7 7.0 10.4



#39
cis-1,3-Dichloropropene
Concen: 1.792 ug/L
RT: 7.605 min Scan# 1964
Delta R.T. -0.000 min
Lab File: VU055741.D
Acq: 11 Oct 2023 12:09

Tgt Ion: 75 Resp: 10060
Ion Ratio Lower Upper
75 100
77 31.5 21.7 40.3





#40

4-Methyl-2-pentanone

Concen: 3.680 ug/L

RT: 7.791 min Scan# 20

Delta R.T. 0.006 min

Lab File: VU055741.D

Acq: 11 Oct 2023 12:09

Instrument :

MSVOA_U

ClientSampleId :

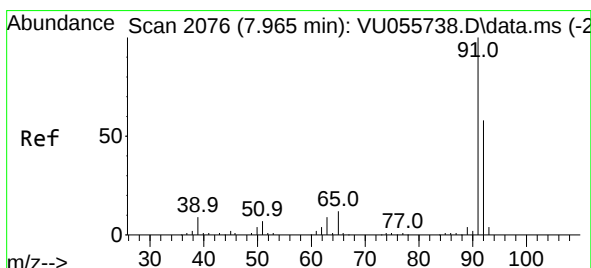
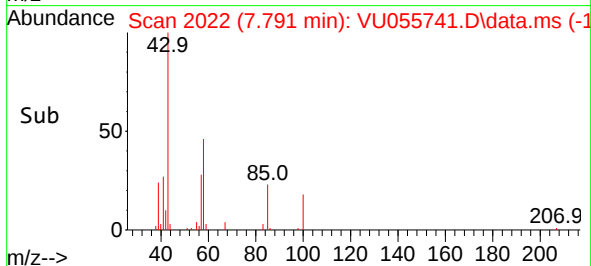
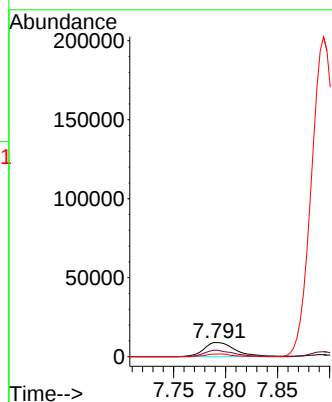
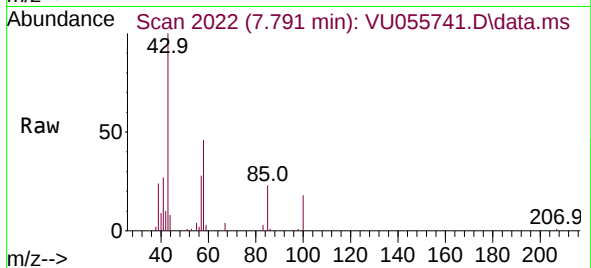
Tgt Ion: 43 Resp: 18891

Ion Ratio Lower Upper

43 100

58 42.7 32.3 48.5

100 16.8 12.0 18.0



#42

Toluene

Concen: 1.899 ug/L

RT: 7.968 min Scan# 2077

Delta R.T. 0.003 min

Lab File: VU055741.D

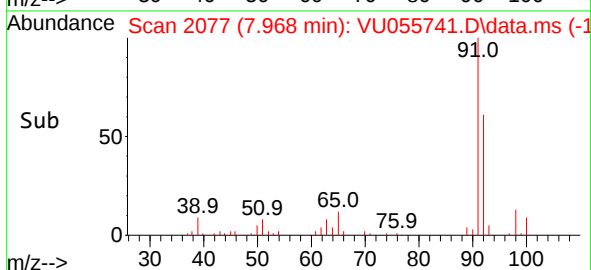
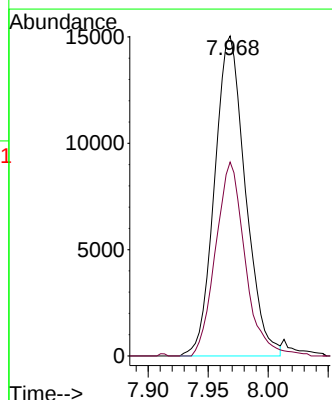
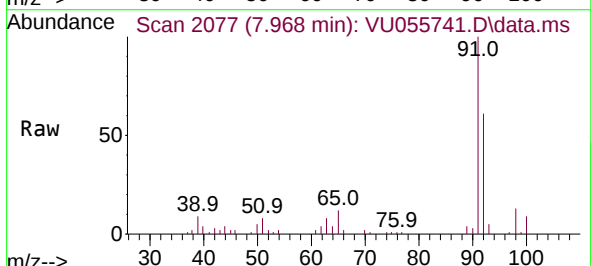
Acq: 11 Oct 2023 12:09

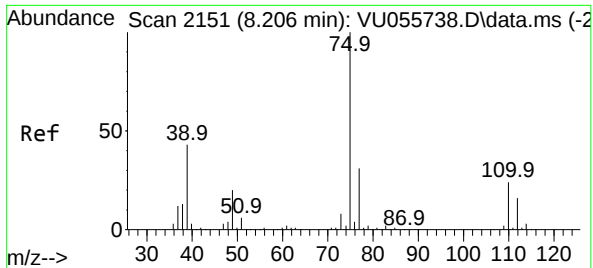
Tgt Ion: 91 Resp: 26846

Ion Ratio Lower Upper

91 100

92 60.6 40.0 74.4

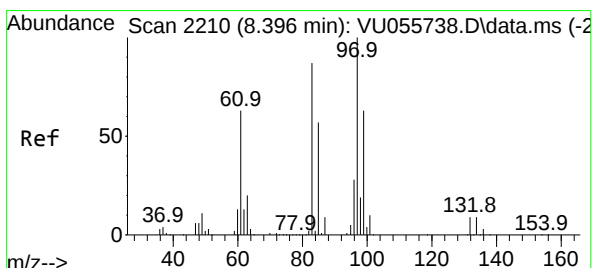
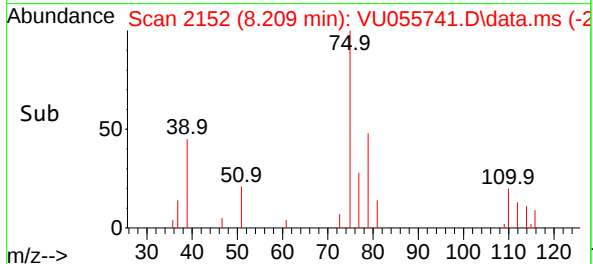
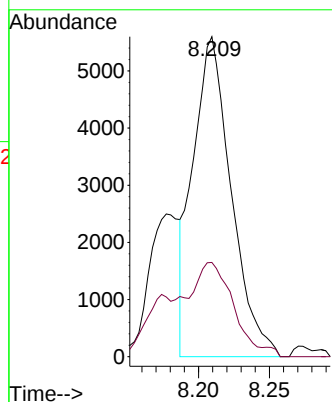
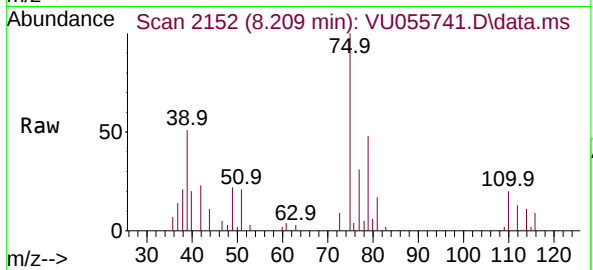




#44
trans-1,3-Dichloropropene
Concen: 1.952 ug/L
RT: 8.209 min Scan# 2151
Delta R.T. 0.003 min
Lab File: VU055741.D
Acq: 11 Oct 2023 12:09

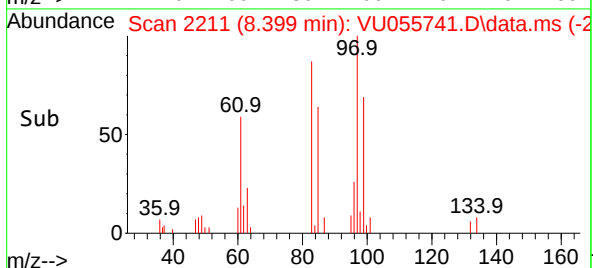
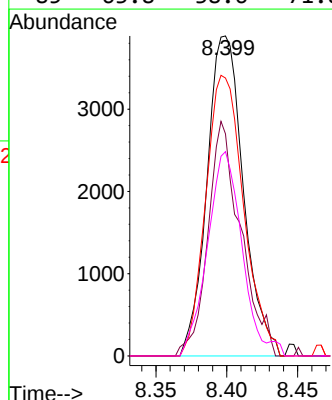
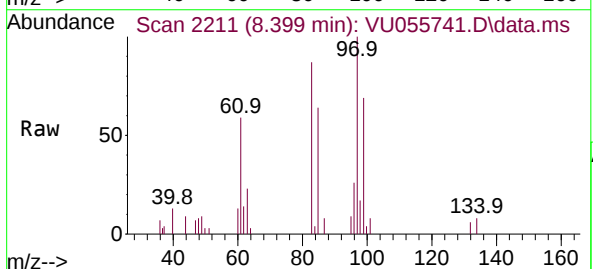
Instrument :
MSVOA_U
ClientSampleId :

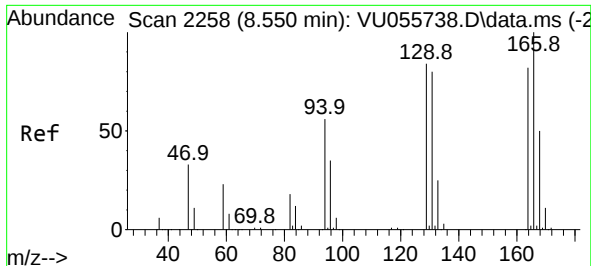
Tgt Ion: 75 Resp: 10486
Ion Ratio Lower Upper
75 100
77 29.4 21.6 40.2



#45
1,1,2-Trichloroethane
Concen: 1.915 ug/L
RT: 8.399 min Scan# 2211
Delta R.T. 0.003 min
Lab File: VU055741.D
Acq: 11 Oct 2023 12:09

Tgt Ion: 97 Resp: 6969
Ion Ratio Lower Upper
97 100
99 69.4 44.4 82.5
83 86.8 60.4 112.2
85 63.8 38.6 71.8

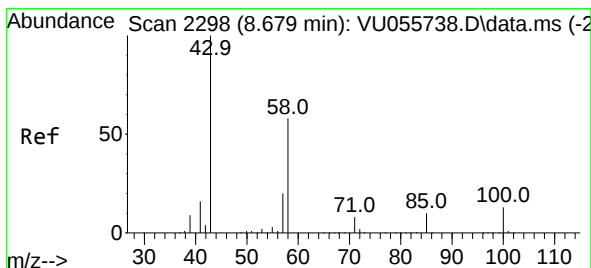
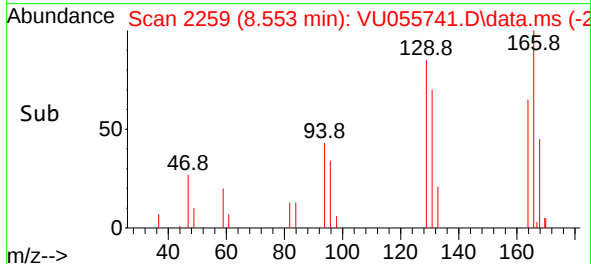
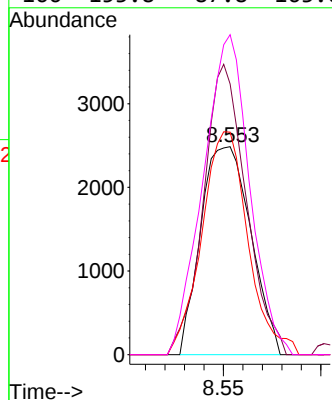
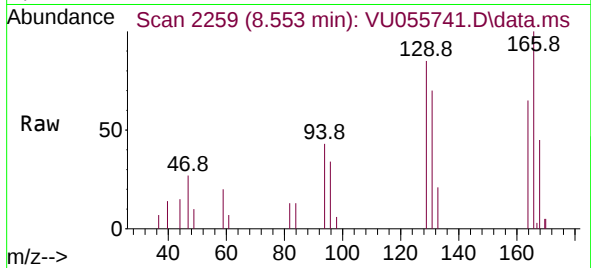




#46
Tetrachloroethene
Concen: 1.688 ug/L
RT: 8.553 min Scan# 2258
Delta R.T. 0.003 min
Lab File: VU055741.D
Acq: 11 Oct 2023 12:09

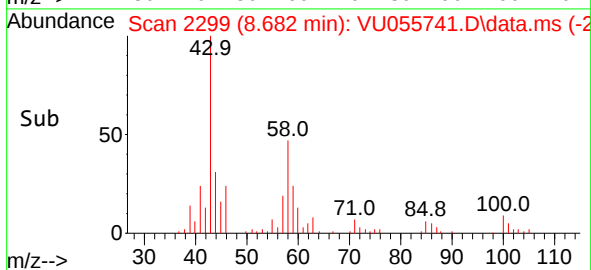
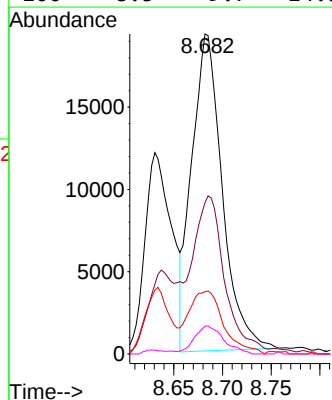
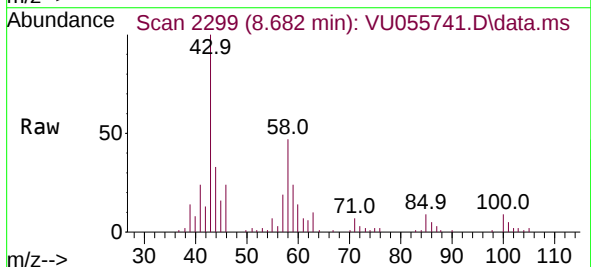
Instrument :
MSVOA_U
ClientSampleId :

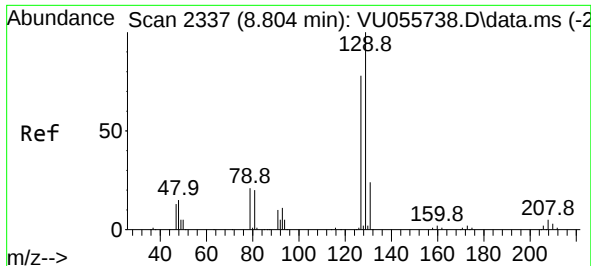
Tgt Ion:164 Resp: 4431
Ion Ratio Lower Upper
164 100
129 130.1 70.7 131.3
131 107.0 65.9 122.5
166 153.8 87.8 163.0



#48
2-Hexanone
Concen: 9.706 ug/L
RT: 8.682 min Scan# 2299
Delta R.T. 0.003 min
Lab File: VU055741.D
Acq: 11 Oct 2023 12:09

Tgt Ion: 43 Resp: 42085
Ion Ratio Lower Upper
43 100
58 47.2 45.2 67.8
57 22.5 16.1 24.1
100 8.5 9.7 14.5#





#49

Dibromochloromethane

Concen: 1.854 ug/L

RT: 8.804 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU055741.D

Acq: 11 Oct 2023 12:09

Instrument :

MSVOA_U

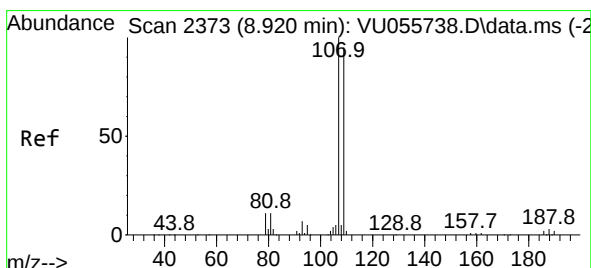
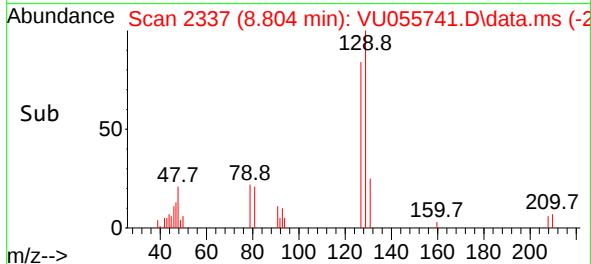
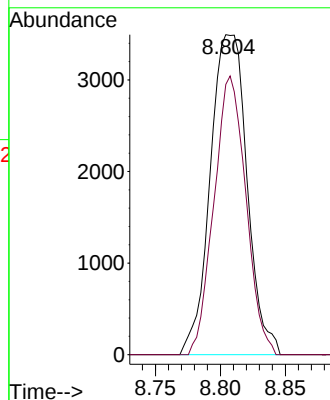
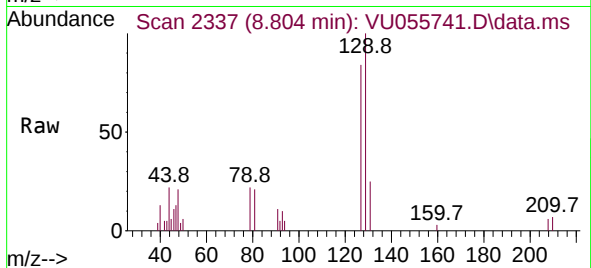
ClientSampleId :

Tgt Ion:129 Resp: 6893

Ion Ratio Lower Upper

129 100

127 84.4 54.0 100.4



#50

1,2-Dibromoethane

Concen: 1.792 ug/L

RT: 8.923 min Scan# 2374

Delta R.T. 0.003 min

Lab File: VU055741.D

Acq: 11 Oct 2023 12:09

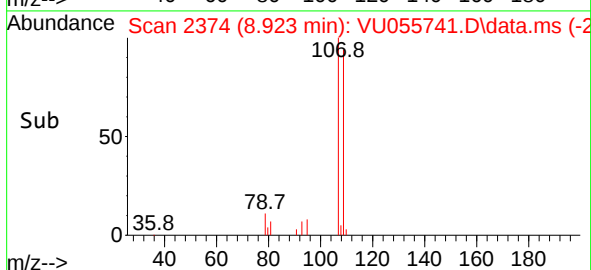
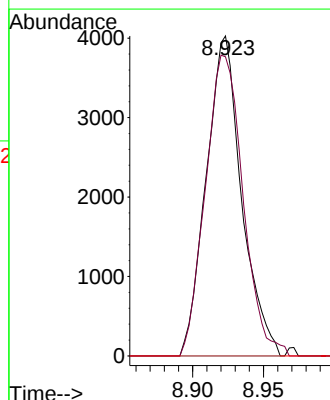
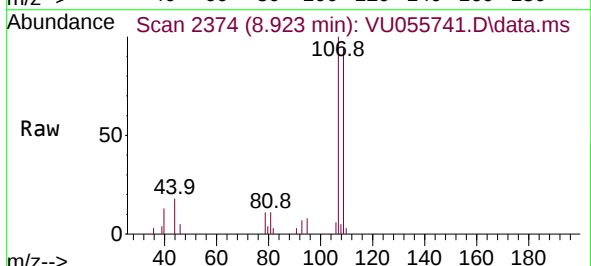
Tgt Ion:107 Resp: 7005

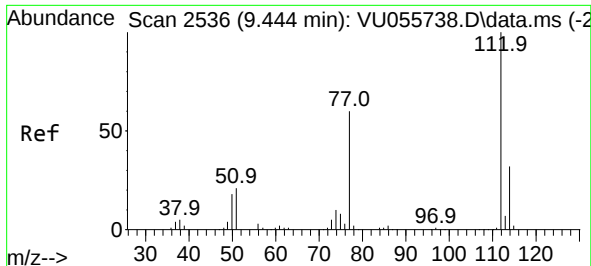
Ion Ratio Lower Upper

107 100

109 93.5 66.7 123.9

188 0.0 2.6 4.0#

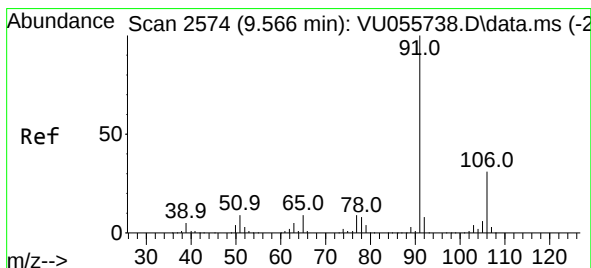
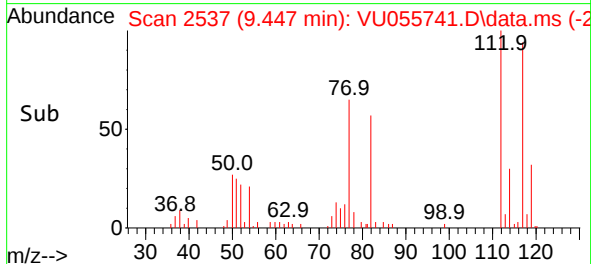
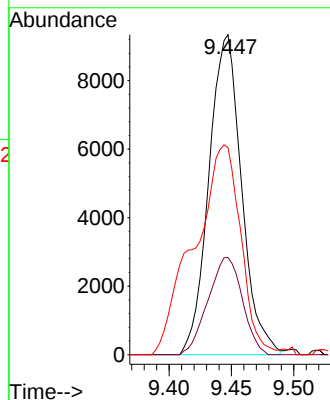
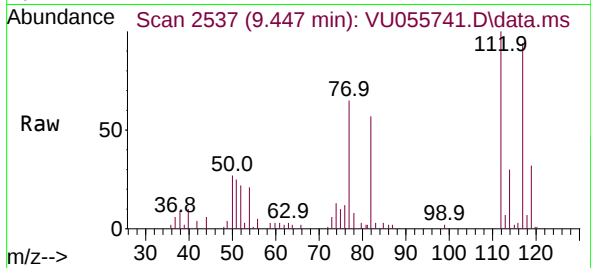




#51
Chlorobenzene
Concen: 1.861 ug/L
RT: 9.447 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU055741.D
Acq: 11 Oct 2023 12:09

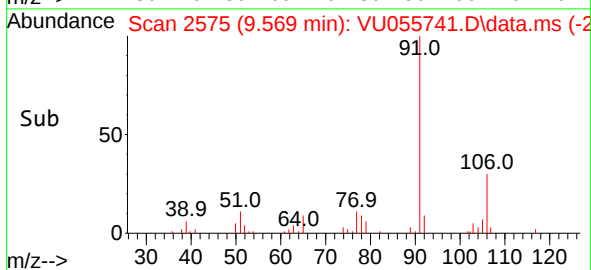
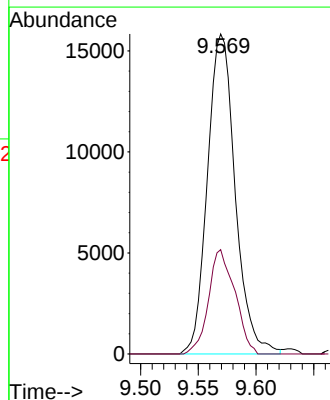
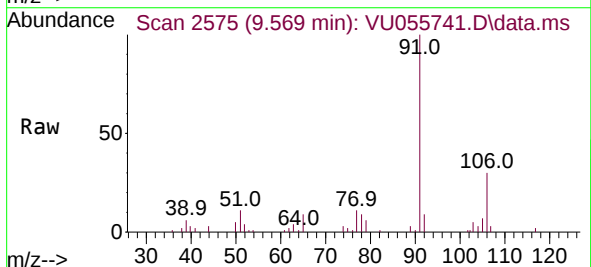
Instrument :
MSVOA_U
ClientSampleId :

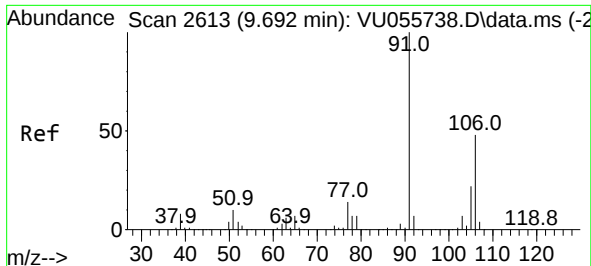
Tgt Ion:112 Resp: 17027
Ion Ratio Lower Upper
112 100
114 30.4 22.0 40.8
77 64.7 49.0 73.6



#52
Ethylbenzene
Concen: 1.715 ug/L
RT: 9.569 min Scan# 2575
Delta R.T. 0.003 min
Lab File: VU055741.D
Acq: 11 Oct 2023 12:09

Tgt Ion: 91 Resp: 26507
Ion Ratio Lower Upper
91 100
106 32.6 21.2 39.4

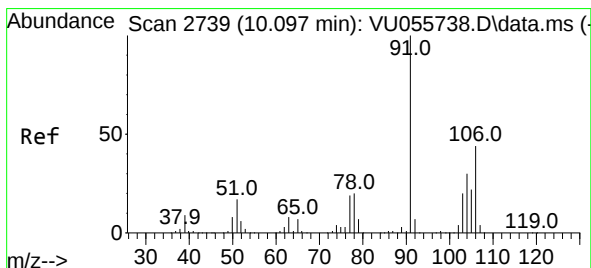
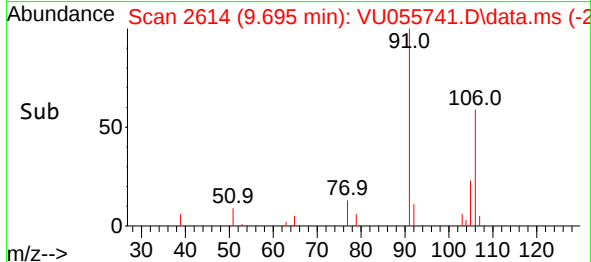
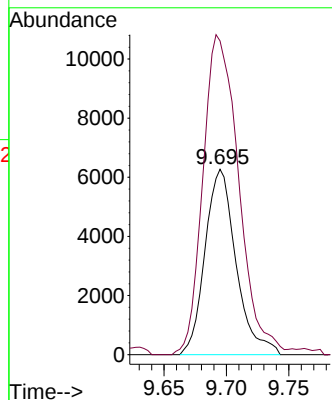
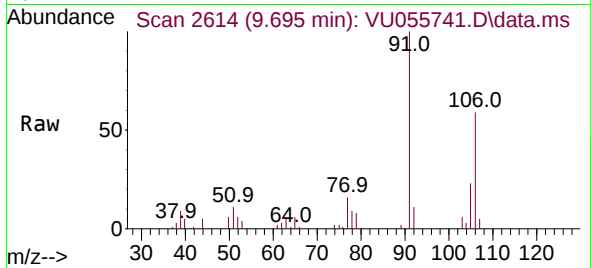




#53
m,p-Xylene
Concen: 1.876 ug/L
RT: 9.695 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU055741.D
Acq: 11 Oct 2023 12:09

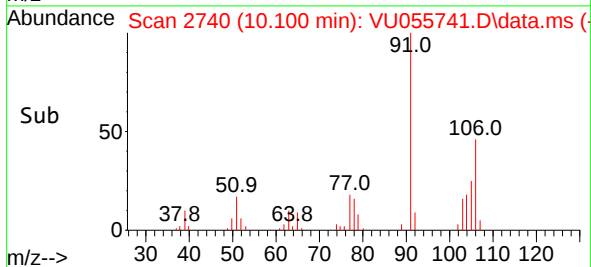
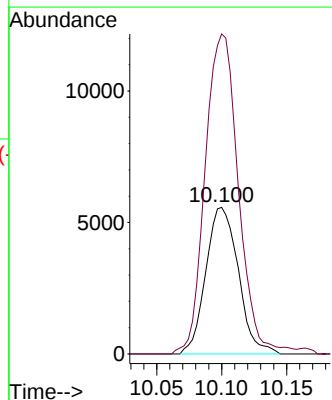
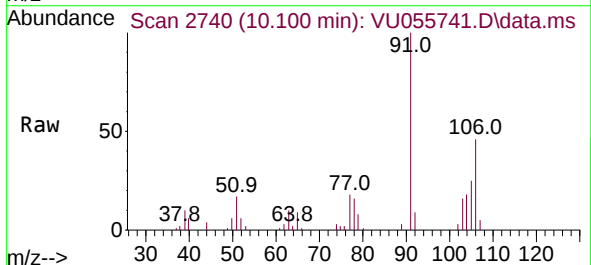
Instrument :
MSVOA_U
ClientSampleId :

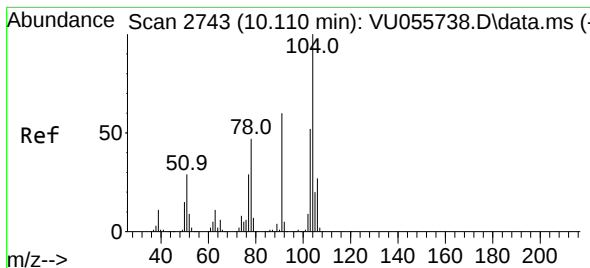
Tgt Ion:106 Resp: 10865
Ion Ratio Lower Upper
106 100
91 169.2 143.8 267.0



#54
o-Xylene
Concen: 1.733 ug/L
RT: 10.100 min Scan# 2740
Delta R.T. 0.003 min
Lab File: VU055741.D
Acq: 11 Oct 2023 12:09

Tgt Ion:106 Resp: 9712
Ion Ratio Lower Upper
106 100
91 218.2 151.8 282.0





#55

Styrene

Concen: 1.589 ug/L

RT: 10.116 min Scan# 21

Delta R.T. 0.006 min

Lab File: VU055741.D

Acq: 11 Oct 2023 12:09

Instrument :

MSVOA_U

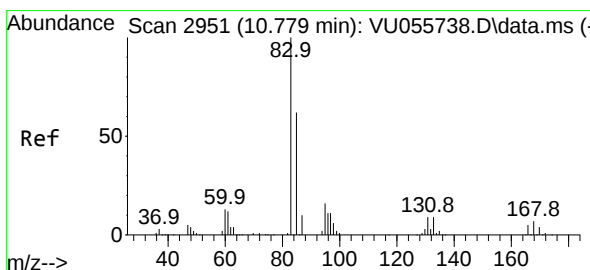
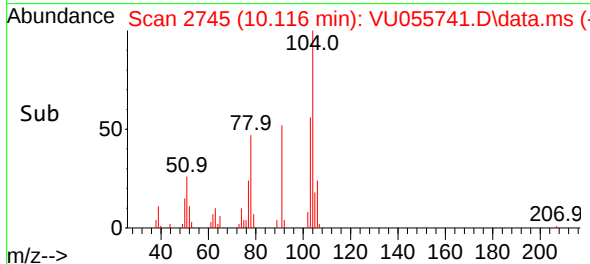
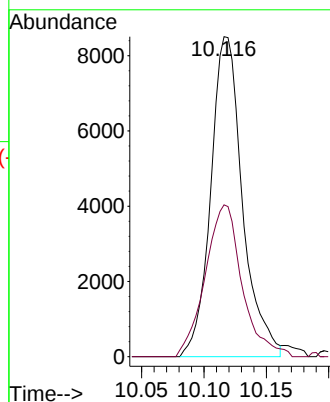
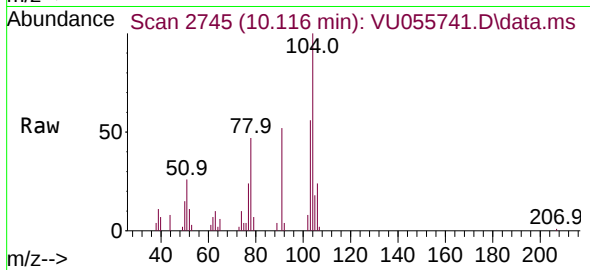
ClientSampleId :

Tgt Ion:104 Resp: 15089

Ion Ratio Lower Upper

104 100

78 47.5 33.6 62.4



#57

1,1,2,2-Tetrachloroethane

Concen: 2.388 ug/L

RT: 10.775 min Scan# 2950

Delta R.T. -0.003 min

Lab File: VU055741.D

Acq: 11 Oct 2023 12:09

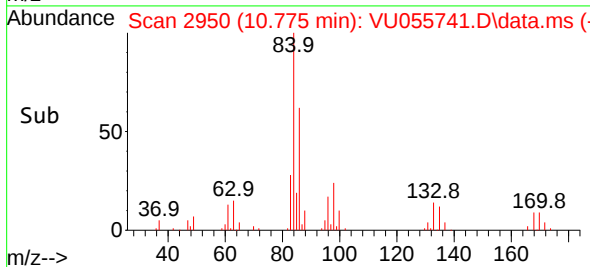
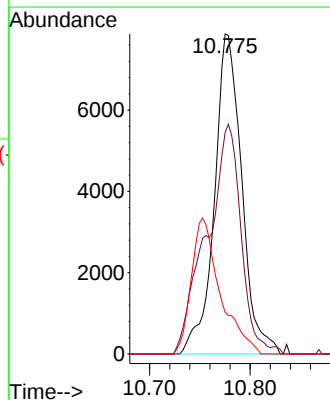
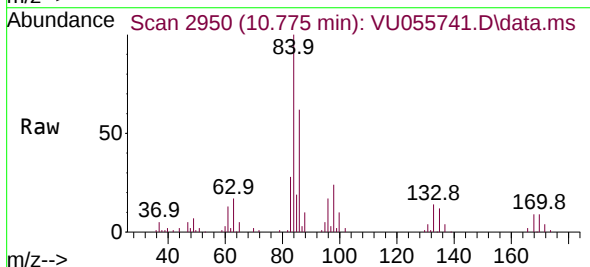
Tgt Ion: 83 Resp: 14877

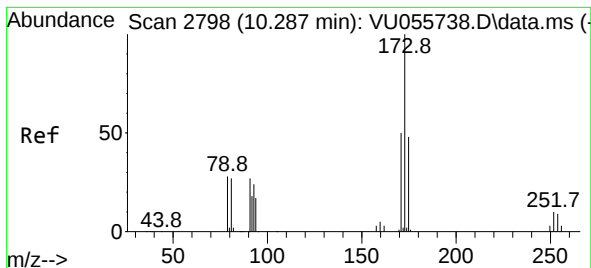
Ion Ratio Lower Upper

83 100

85 69.2 44.9 83.5

131 13.0 7.3 10.9#





#59

Bromoform

Concen: 2.058 ug/L

RT: 10.290 min Scan# 21

Delta R.T. 0.003 min

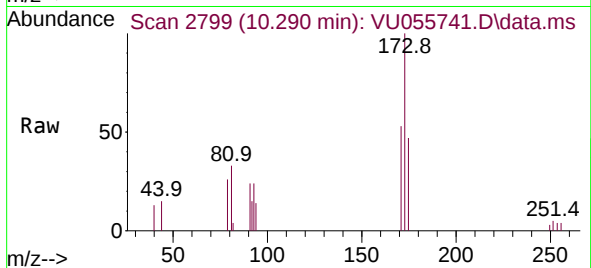
Lab File: VU055741.D

Acq: 11 Oct 2023 12:09

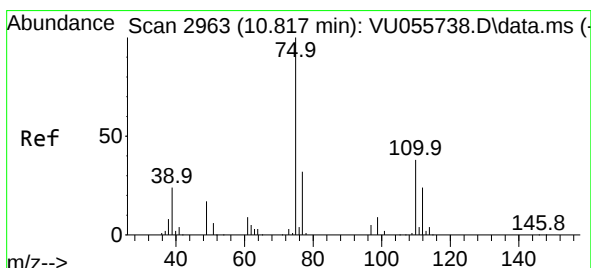
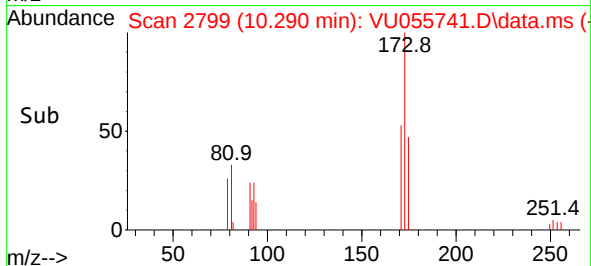
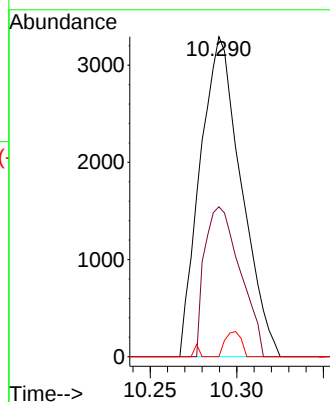
Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:	173	Resp:	5442
Ion	Ratio	Lower	Upper
173	100		
175	40.5	40.4	60.6
254	3.1	7.3	10.9#



#60

1,2,3-Trichloropropane

Concen: 2.471 ug/L

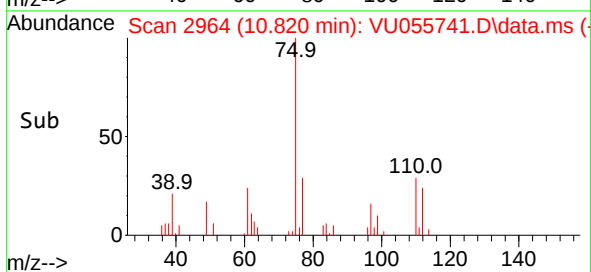
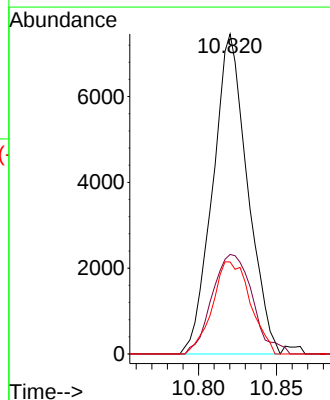
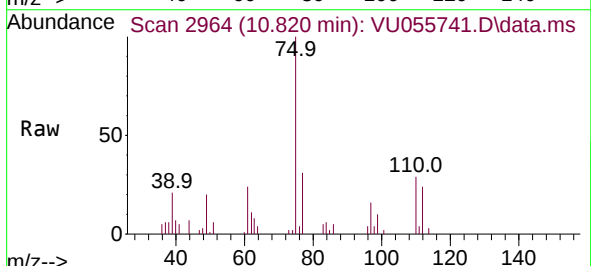
RT: 10.820 min Scan# 2964

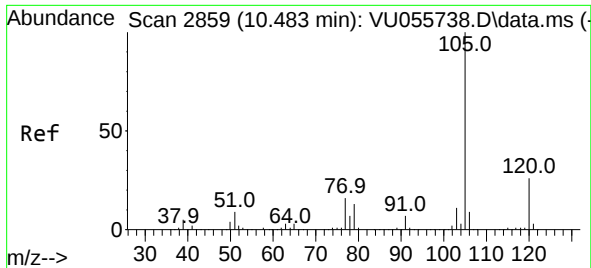
Delta R.T. 0.003 min

Lab File: VU055741.D

Acq: 11 Oct 2023 12:09

Tgt Ion:	75	Resp:	11523
Ion	Ratio	Lower	Upper
75	100		
77	36.2	25.8	38.8
110	31.5	28.5	42.7

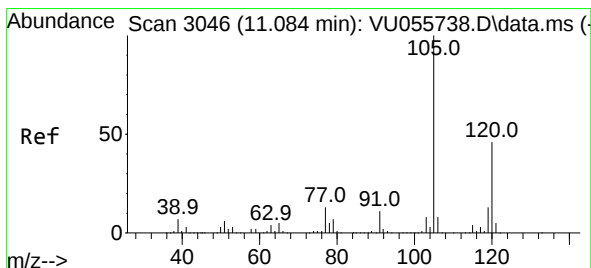
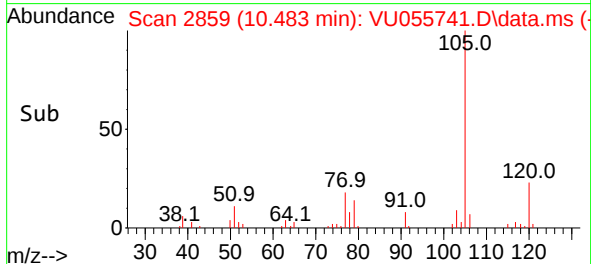
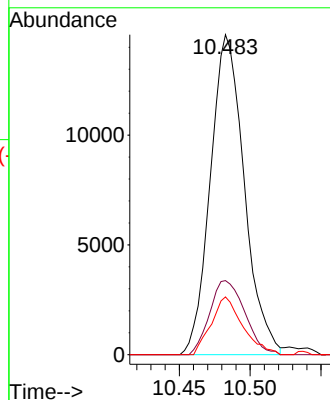
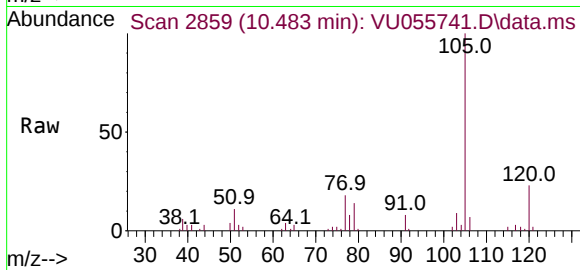




#61
Isopropylbenzene
Concen: 1.810 ug/L
RT: 10.483 min Scan# 2859
Delta R.T. -0.000 min
Lab File: VU055741.D
Acq: 11 Oct 2023 12:09

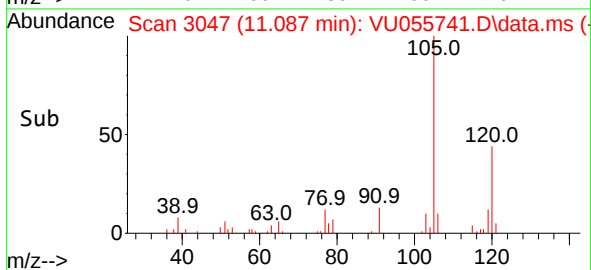
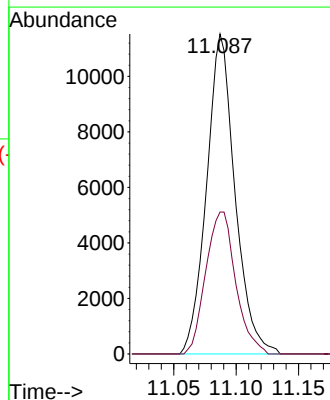
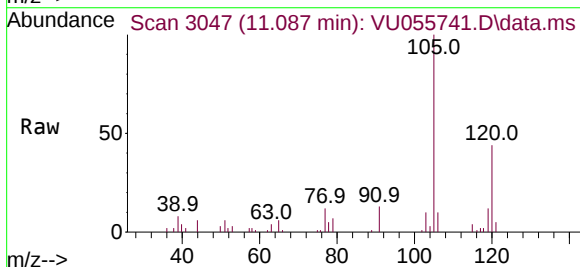
Instrument :
MSVOA_U
ClientSampleId :

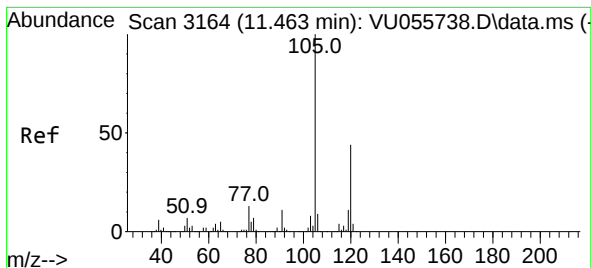
Tgt Ion:105	Resp:	24239
Ion Ratio	Lower	Upper
105	100	
120	23.9	20.6 30.8
77	16.8	13.4 20.0



#62
1,3,5-Trimethylbenzene
Concen: 1.690 ug/L
RT: 11.087 min Scan# 3047
Delta R.T. 0.003 min
Lab File: VU055741.D
Acq: 11 Oct 2023 12:09

Tgt Ion:105	Resp:	18311
Ion Ratio	Lower	Upper
105	100	
120	46.6	37.7 56.5





#63

1,2,4-Trimethylbenzene

Concen: 1.658 ug/L

RT: 11.466 min Scan# 3165

Delta R.T. 0.003 min

Lab File: VU055741.D

Acq: 11 Oct 2023 12:09

Instrument :

MSVOA_U

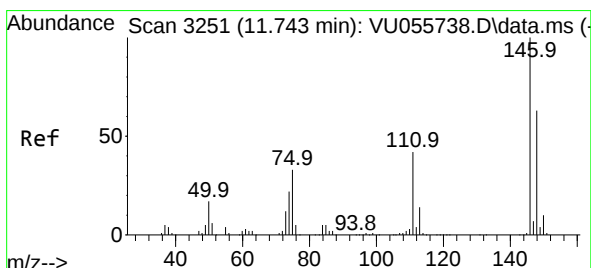
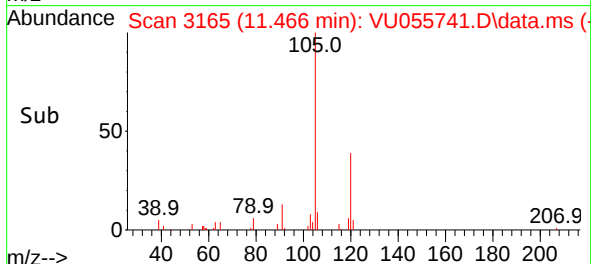
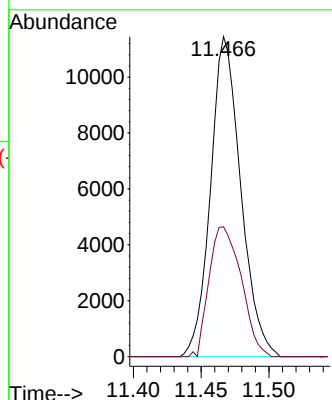
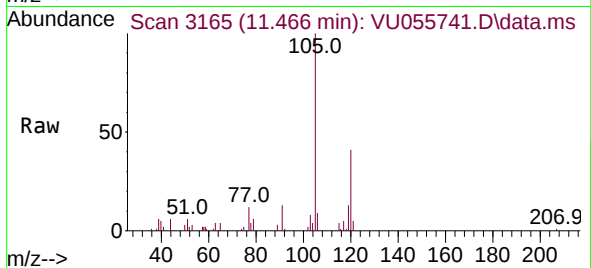
ClientSampleId :

Tgt Ion:105 Resp: 17772

Ion Ratio Lower Upper

105 100

120 42.9 35.0 52.4



#64

1,3-Dichlorobenzene

Concen: 1.981 ug/L

RT: 11.746 min Scan# 3252

Delta R.T. 0.003 min

Lab File: VU055741.D

Acq: 11 Oct 2023 12:09

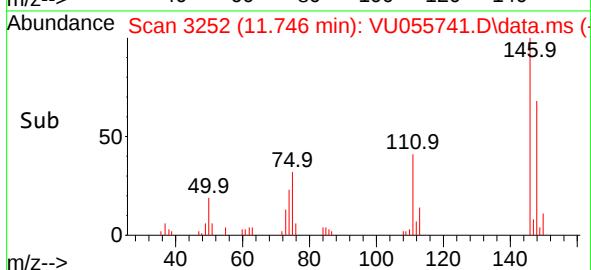
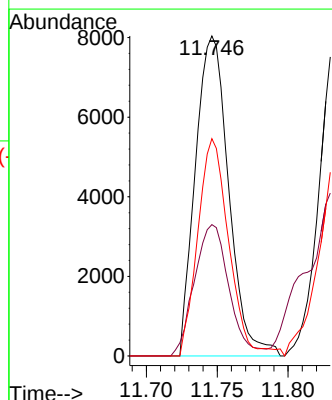
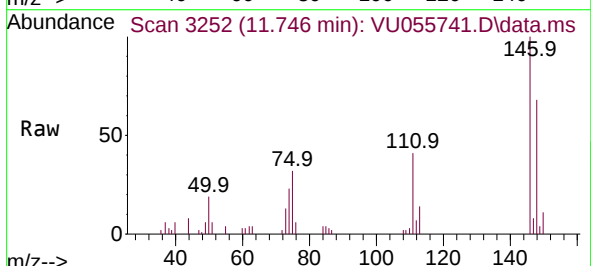
Tgt Ion:146 Resp: 13113

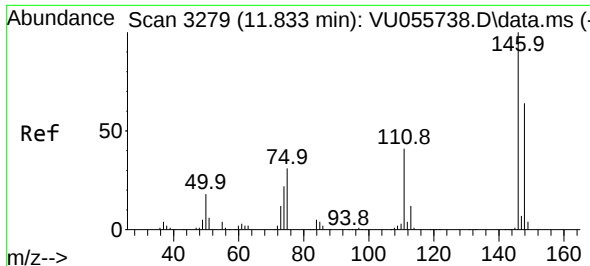
Ion Ratio Lower Upper

146 100

111 41.1 29.7 55.1

148 71.5 45.0 83.6

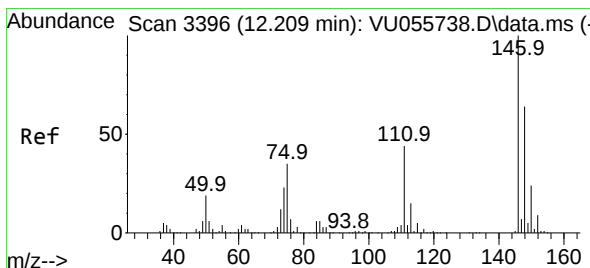
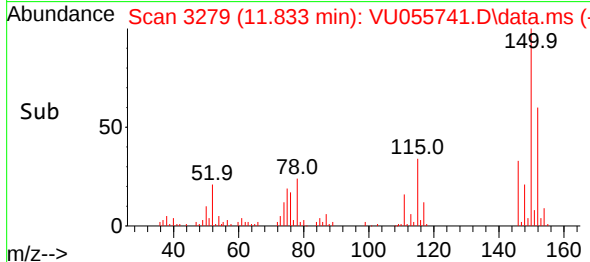
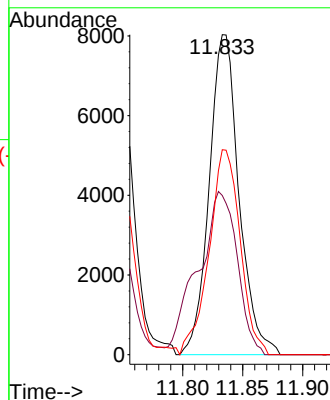
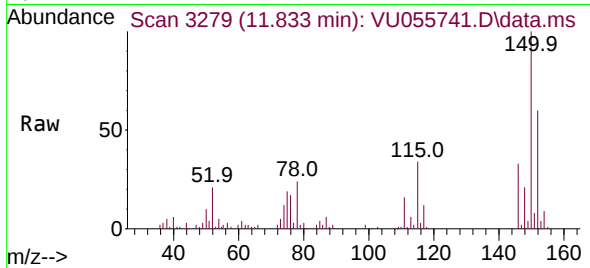




#65
1,4-Dichlorobenzene
Concen: 2.037 ug/L
RT: 11.833 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU055741.D
Acq: 11 Oct 2023 12:09

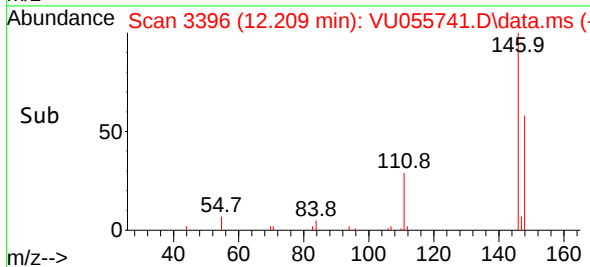
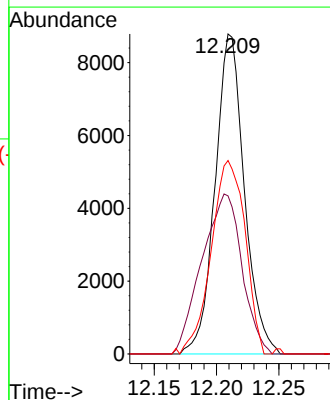
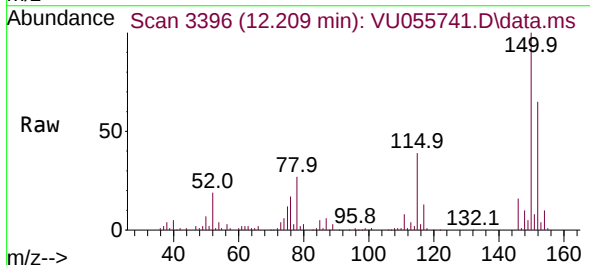
Instrument :
MSVOA_U
ClientSampleId :

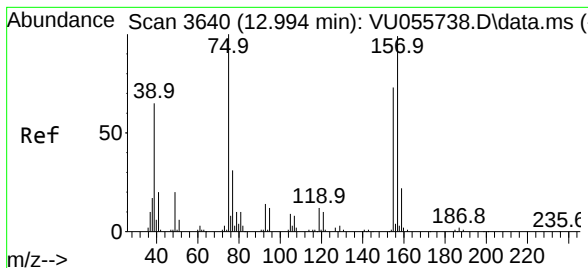
Tgt Ion:146 Resp: 13867
Ion Ratio Lower Upper
146 100
111 53.8 28.6 53.0#
148 64.0 44.2 82.0



#67
1,2-Dichlorobenzene
Concen: 2.187 ug/L
RT: 12.209 min Scan# 3396
Delta R.T. -0.000 min
Lab File: VU055741.D
Acq: 11 Oct 2023 12:09

Tgt Ion:146 Resp: 14369
Ion Ratio Lower Upper
146 100
111 49.4 35.2 52.8
148 60.5 52.3 78.5

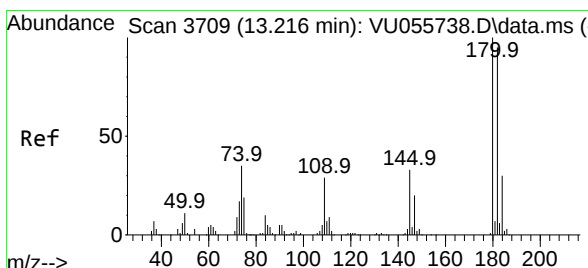
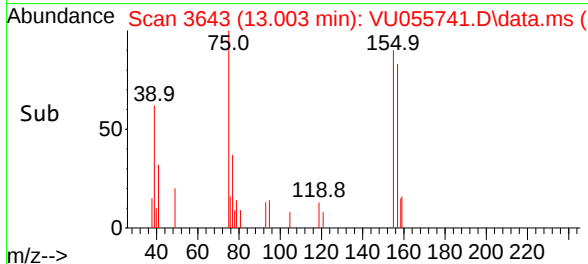
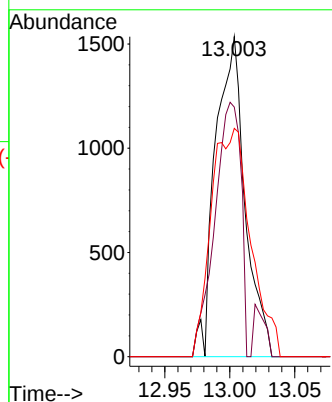
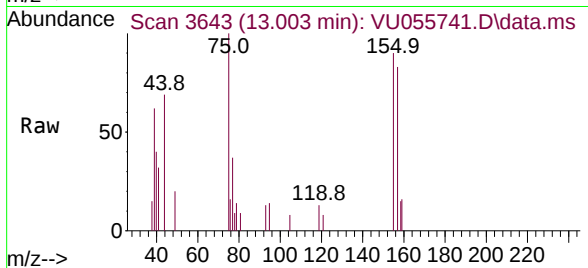




#68
1,2-Dibromo-3-chloropropane
Concen: 1.745 ug/L
RT: 13.003 min Scan# 30
Delta R.T. 0.009 min
Lab File: VU055741.D
Acq: 11 Oct 2023 12:09

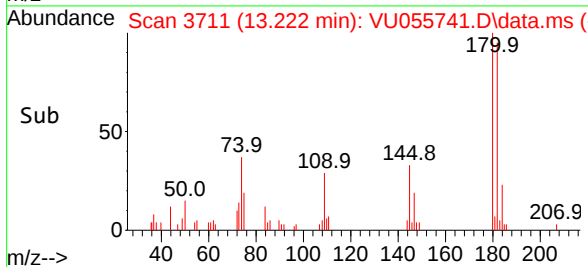
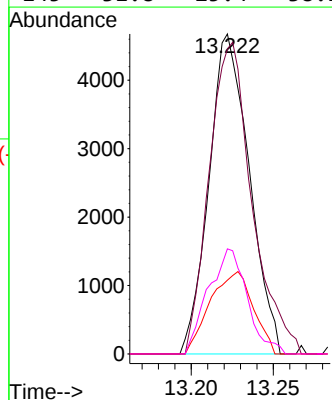
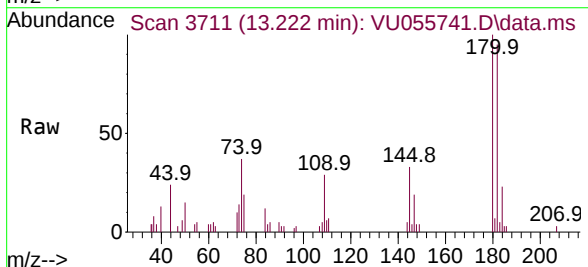
Instrument :
MSVOA_U
ClientSampleId :

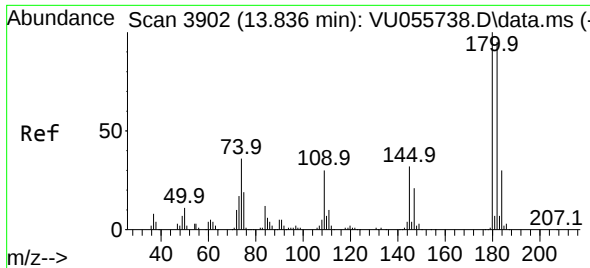
Tgt Ion: 75 Resp: 2433
Ion Ratio Lower Upper
75 100
155 78.0 59.6 89.4
157 71.3 77.7 116.5#



#69
1,3,5-Trichlorobenzene
Concen: 1.805 ug/L
RT: 13.222 min Scan# 3711
Delta R.T. 0.006 min
Lab File: VU055741.D
Acq: 11 Oct 2023 12:09

Tgt Ion:180 Resp: 7969
Ion Ratio Lower Upper
180 100
182 103.3 76.2 114.2
184 27.6 23.9 35.9
145 31.8 25.4 38.2

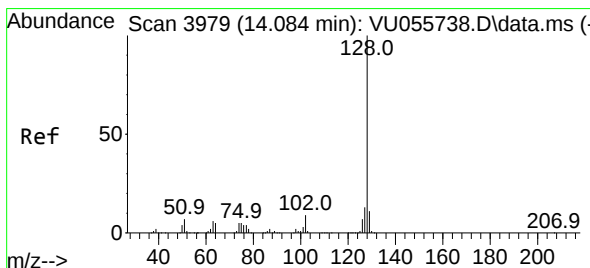
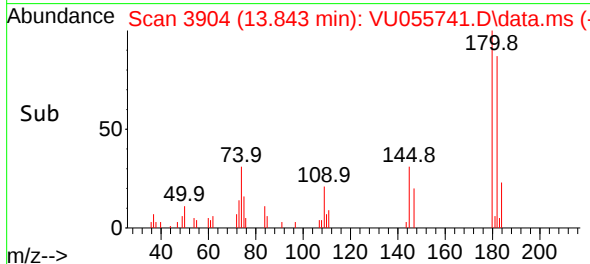
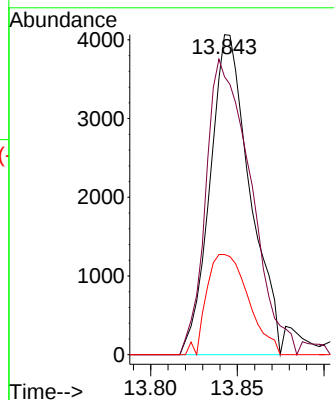
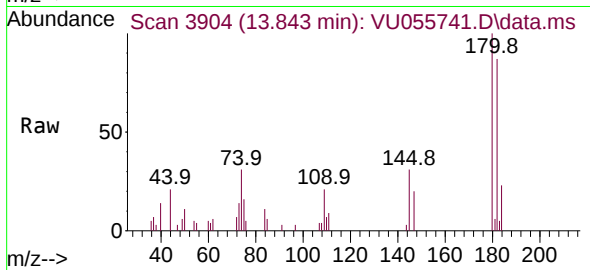




#70
1,2,4-trichlorobenzene
Concen: 1.771 ug/L
RT: 13.843 min Scan# 3904
Delta R.T. 0.006 min
Lab File: VU055741.D
Acq: 11 Oct 2023 12:09

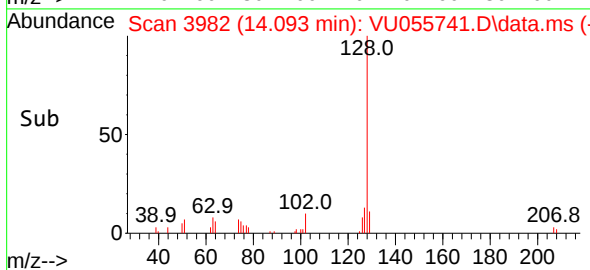
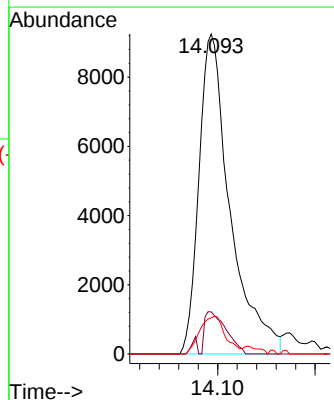
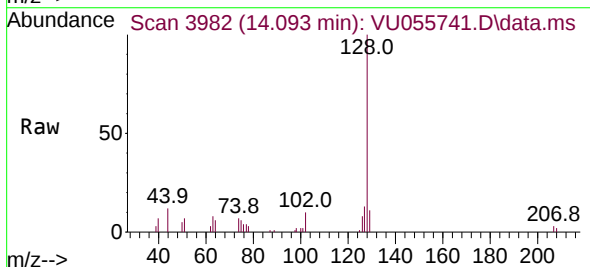
Instrument :
MSVOA_U
ClientSampleId :

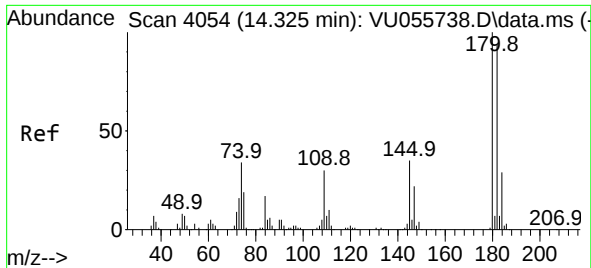
Tgt Ion:180 Resp: 6515
Ion Ratio Lower Upper
180 100
182 103.5 75.4 113.2
145 32.3 26.1 39.1



#71
Naphthalene
Concen: 1.876 ug/L
RT: 14.093 min Scan# 3982
Delta R.T. 0.009 min
Lab File: VU055741.D
Acq: 11 Oct 2023 12:09

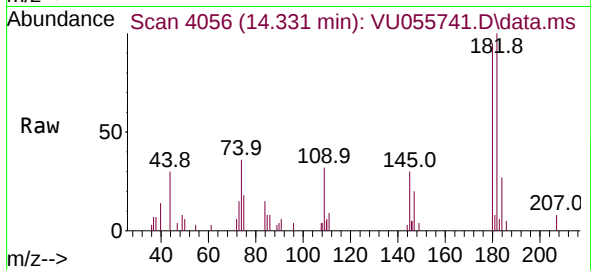
Tgt Ion:128 Resp: 20504
Ion Ratio Lower Upper
128 100
127 9.1 10.6 16.0#
129 9.6 8.7 13.1





#72
 1,2,3-Trichlorobenzene
 Concen: 1.681 ug/L
 RT: 14.331 min Scan# 4056
 Delta R.T. 0.006 min
 Lab File: VU055741.D
 Acq: 11 Oct 2023 12:09

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	180	Resp:	6097
Ion Ratio	Lower	Upper	
180	100		
182	111.2	78.1	117.1
145	34.0	27.4	41.0

