

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121123\
 Data File : VU056724.D
 Acq On : 11 Dec 2023 11:29
 Operator : MD/SY
 Sample : VSTD01008
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 12 00:39:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 12 00:37:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	264491	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	259390	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	132869	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	239811	10.578	ug/L	0.00
7) Chloroethane-d5	1.911	69	180615	10.646	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.563	65	106119	10.940	ug/L	0.00
20) 2-Butanone-d5	4.612	46	520400	116.232	ug/L	0.00
24) Chloroform-d	5.055	84	463488	10.796	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.695	65	221722	10.914	ug/L	0.00
32) Benzene-d6	5.721	84	903118	11.225	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.682	67	274889	10.916	ug/L	0.00
41) Toluene-d8	7.891	98	810243	11.268	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.174	79	112955	11.566	ug/L	0.00
46) 2-Hexanone-d5	8.624	63	455545	124.845	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.750	84	203443	11.166	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.187	152	270936	10.373	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	278475	10.048	ug/L	98
3) Chloromethane	1.515	50	268088	9.838	ug/L	100
5) Vinyl chloride	1.602	62	274140	10.130	ug/L	99
6) Bromomethane	1.853	94	152694	9.570	ug/L	97
8) Chloroethane	1.930	64	162005	10.219	ug/L	98
9) Trichlorofluoromethane	2.136	101	384526	10.082	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	233181	9.968	ug/L	97
12) 1,1-Dichloroethene	2.576	96	216163	10.067	ug/L	98
13) Acetone	2.625	43	281106	103.026	ug/L	99
14) Carbon disulfide	2.789	76	736873	9.891	ug/L	100
15) Methyl Acetate	2.946	43	82459	11.089	ug/L	94
16) Methylene chloride	3.039	84	232190	9.925	ug/L	99
17) Methyl tert-butyl Ether	3.354	73	506454	10.637	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	222376	10.214	ug/L	97
19) 1,1-Dichloroethane	3.862	63	425386	10.157	ug/L	99
21) 2-Butanone	4.692	43	492169	112.096	ug/L	98
22) cis-1,2-Dichloroethene	4.660	96	246519	10.408	ug/L	99
23) Bromochloromethane	4.965	128	101753	10.262	ug/L	98
25) Chloroform	5.078	83	441060	10.053	ug/L	99
27) 1,2-Dichloroethane	5.788	62	266462	10.270	ug/L	98
29) 1,1,1-Trichloroethane	5.309	97	387747	10.341	ug/L	99
30) Cyclohexane	5.383	56	383153	10.888	ug/L	99
31) Carbon tetrachloride	5.518	117	341305	10.473	ug/L	99
33) Benzene	5.766	78	947819	10.397	ug/L	100
34) Trichloroethene	6.538	95	257830	10.311	ug/L	99
35) Methylcyclohexane	6.756	83	403936	10.946	ug/L	98
37) 1,2-Dichloropropane	6.782	63	244634	10.491	ug/L	99
38) Bromodichloromethane	7.097	83	307373	10.336	ug/L	98
39) cis-1,3-Dichloropropene	7.602	75	368105	10.831	ug/L	100
40) 4-Methyl-2-pentanone	7.782	43	1216409	109.853	ug/L	99
42) Toluene	7.965	91	1019055	10.804	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	302092	10.845	ug/L	100

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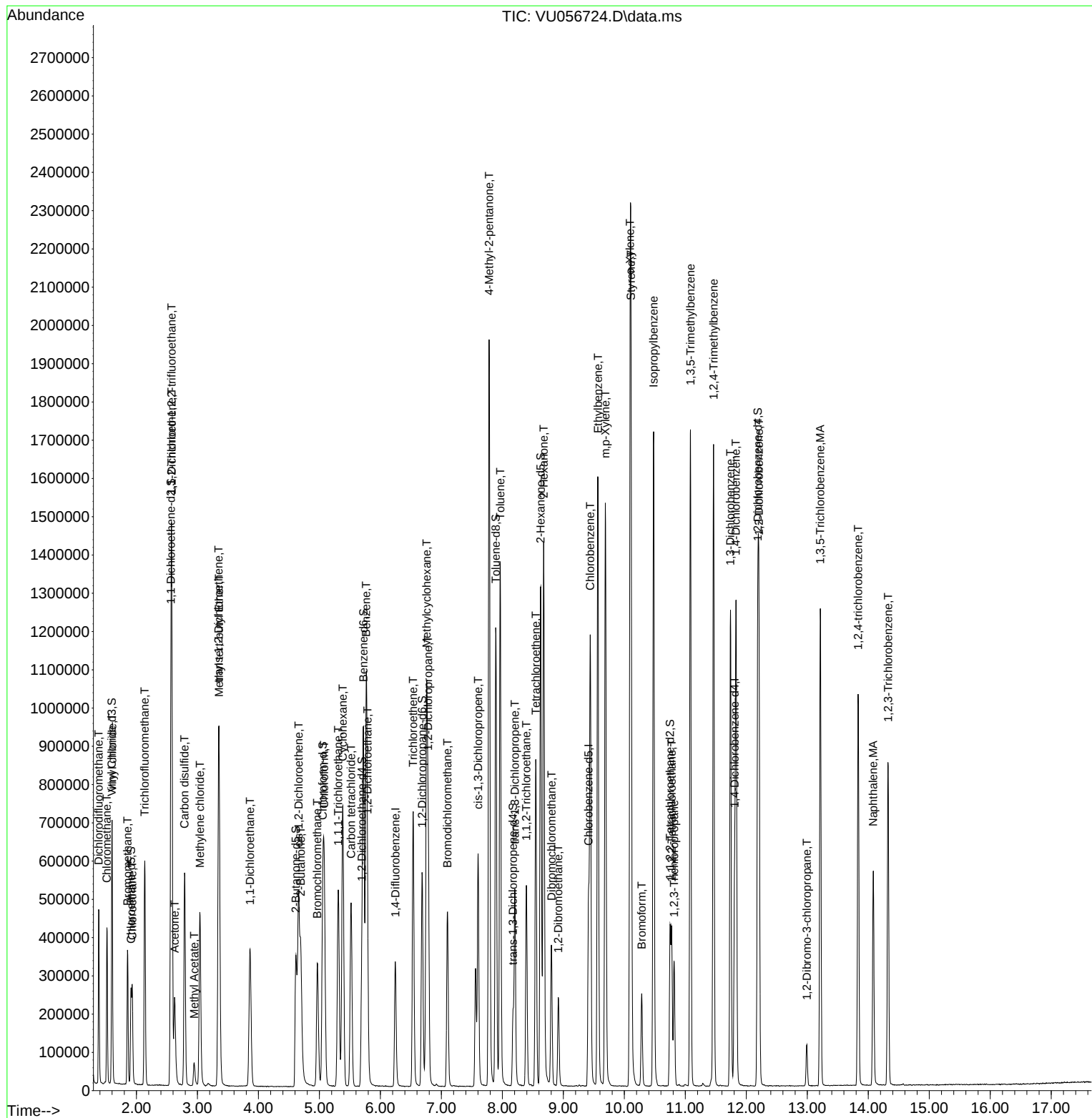
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.393	97	163367	10.363	ug/L	98
47) Tetrachloroethene	8.547	164	180709	10.326	ug/L	98
48) 2-Hexanone	8.676	43	868887	110.174	ug/L	98
49) Dibromochloromethane	8.804	129	187246	10.333	ug/L	99
50) 1,2-Dibromoethane	8.917	107	154999	10.593	ug/L	99
51) Chlorobenzene	9.441	112	626170	10.416	ug/L	99
52) Ethylbenzene	9.566	91	1140860	10.965	ug/L	99
53) m,p-Xylene	9.689	106	432749	11.163	ug/L	100
54) o-Xylene	10.094	106	406871	11.017	ug/L	100
55) Styrene	10.110	104	705540	11.634	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.775	83	197441	10.366	ug/L	99
59) Bromoform	10.283	173	107446	9.904	ug/L	99
60) Isopropylbenzene	10.480	105	1120651	10.675	ug/L	100
61) 1,2,3-Trichloropropane	10.814	75	139102	9.750	ug/L	98
62) 1,3,5-Trimethylbenzene	11.084	105	929943	10.839	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	935720	10.981	ug/L	98
64) 1,3-Dichlorobenzene	11.740	146	495299	9.974	ug/L	100
65) 1,4-Dichlorobenzene	11.830	146	482466	9.867	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	442294	9.777	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.991	75	30027	10.542	ug/L	96
69) 1,3,5-Trichlorobenzene	13.213	180	367135	9.785	ug/L	100
70) 1,2,4-trichlorobenzene	13.833	180	296370	9.974	ug/L	98
71) Naphthalene	14.081	128	444756	10.228	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	249793	9.902	ug/L	99

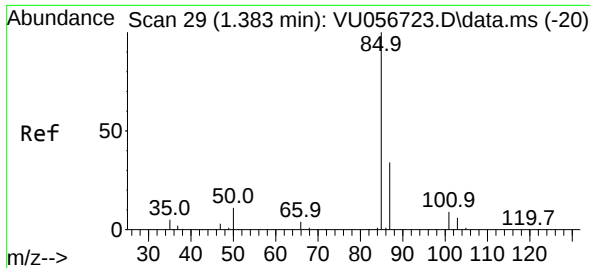
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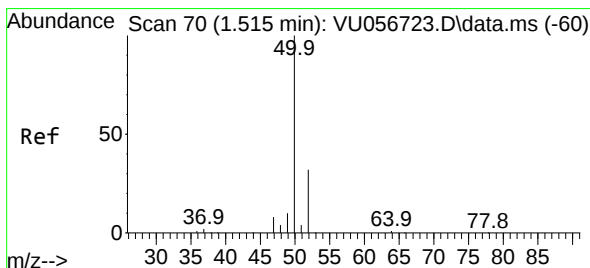
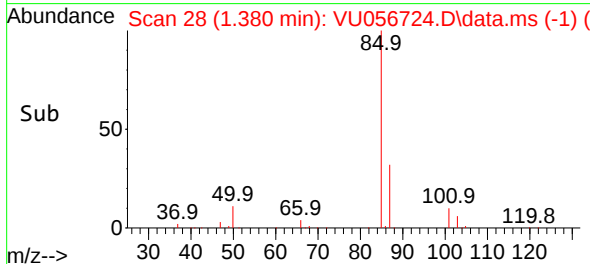
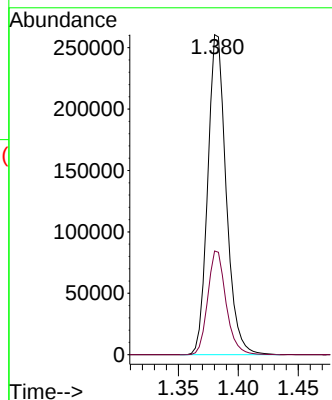
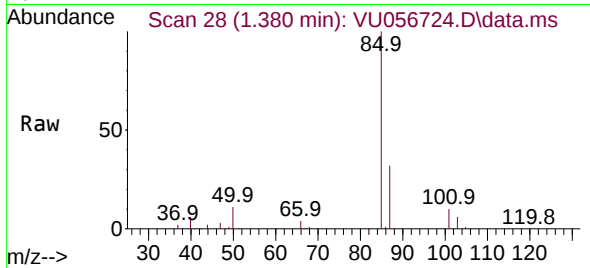




#2
 Dichlorodifluoromethane
 Concen: 10.048 ug/L
 RT: 1.380 min Scan# 29
 Delta R.T. -0.003 min
 Lab File: VU056724.D
 Acq: 11 Dec 2023 11:29

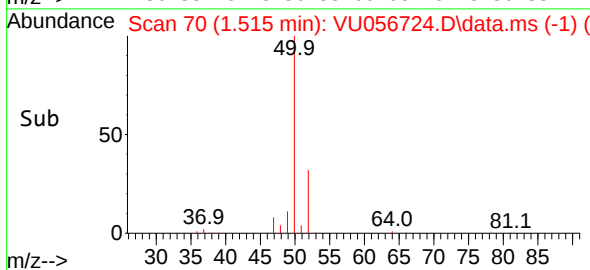
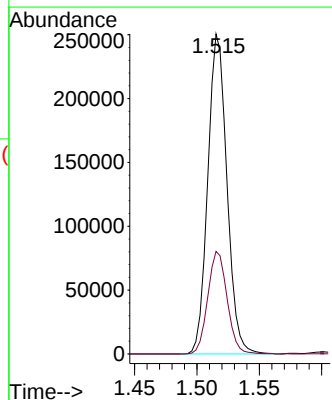
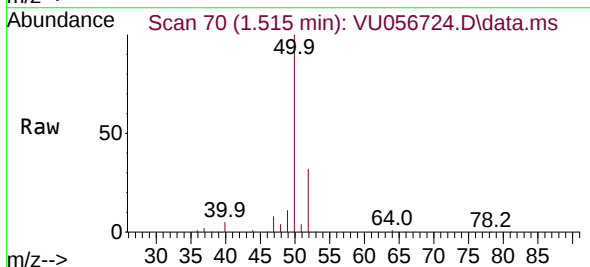
Instrument :
 MSVOA_U
 ClientSampleId :

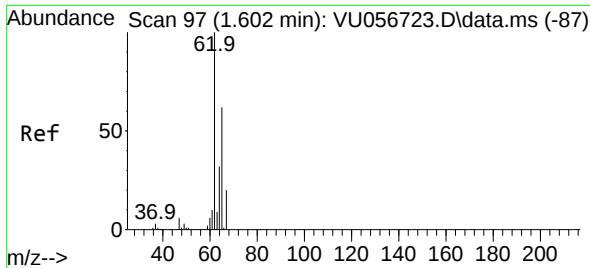
Tgt Ion: 85 Resp: 278475
 Ion Ratio Lower Upper
 85 100
 87 32.2 26.8 40.2



#3
 Chloromethane
 Concen: 9.838 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. 0.000 min
 Lab File: VU056724.D
 Acq: 11 Dec 2023 11:29

Tgt Ion: 50 Resp: 268088
 Ion Ratio Lower Upper
 50 100
 52 32.1 22.5 41.7

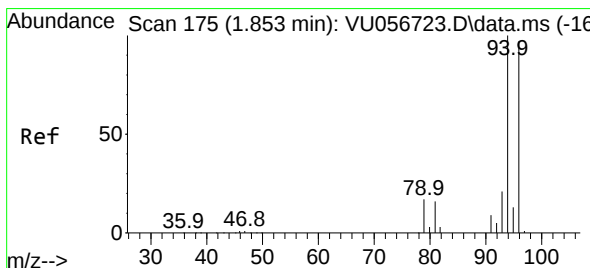
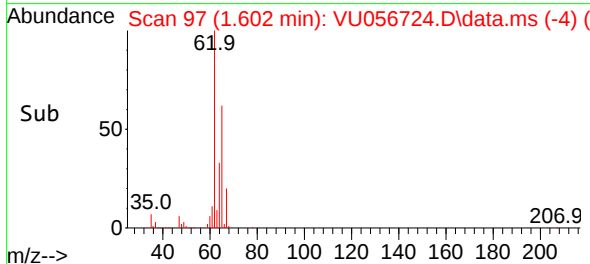
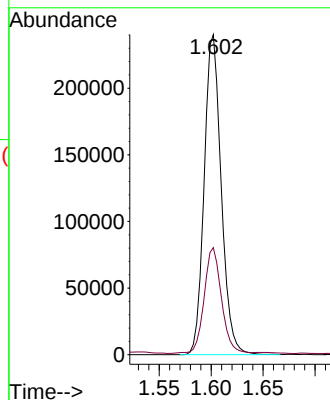
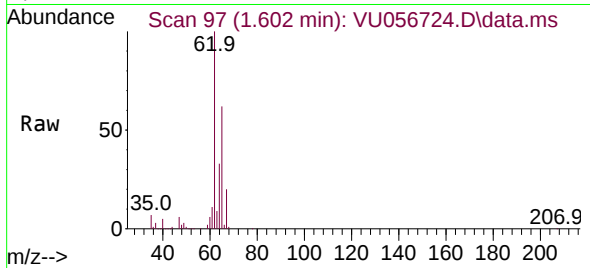




#5
 Vinyl chloride
 Concen: 10.130 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VU056724.D
 Acq: 11 Dec 2023 11:29

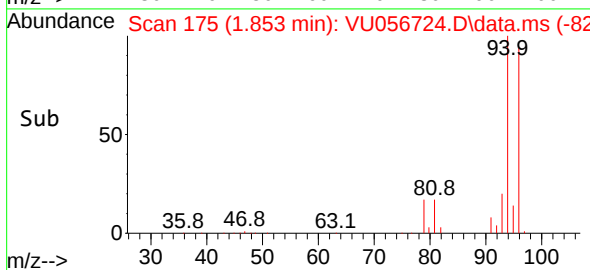
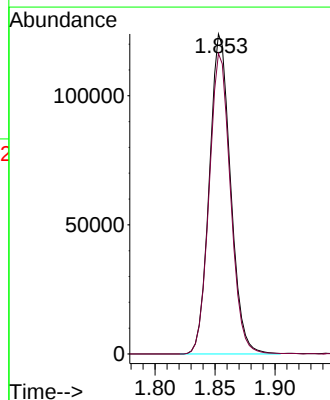
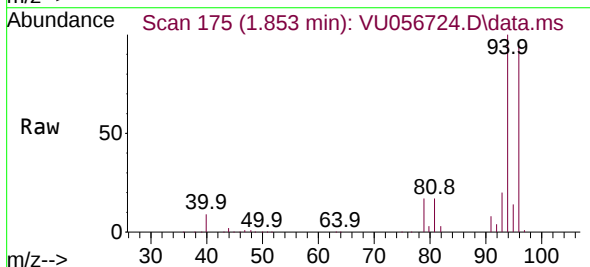
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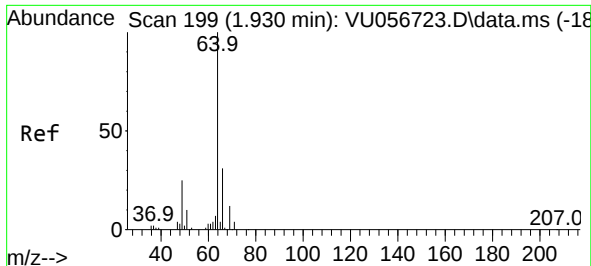
Tgt Ion: 62 Resp: 274140
 Ion Ratio Lower Upper
 62 100
 64 33.4 22.8 42.4



#6
 Bromomethane
 Concen: 9.570 ug/L
 RT: 1.853 min Scan# 175
 Delta R.T. 0.000 min
 Lab File: VU056724.D
 Acq: 11 Dec 2023 11:29

Tgt Ion: 94 Resp: 152694
 Ion Ratio Lower Upper
 94 100
 96 93.9 67.8 125.8

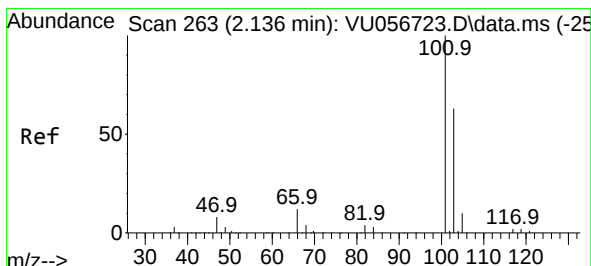
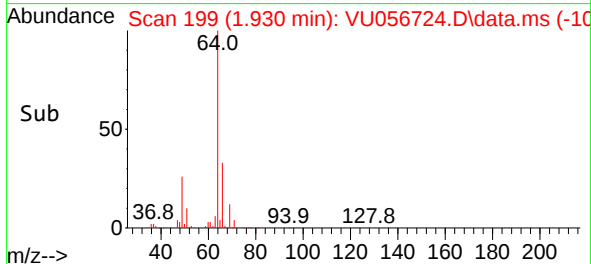
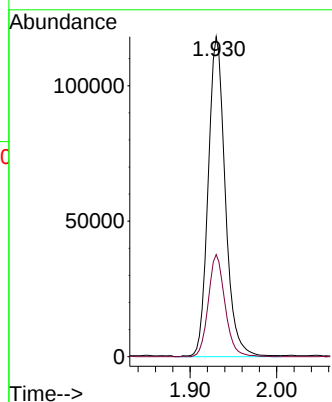
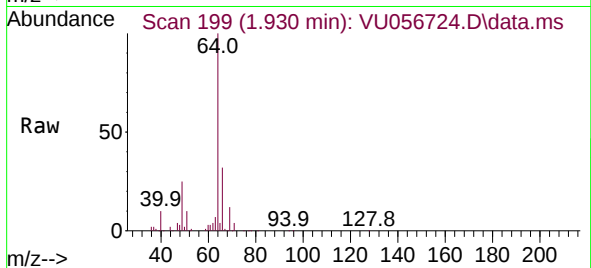




#8
Chloroethane
Concen: 10.219 ug/L
RT: 1.930 min Scan# 199
Delta R.T. 0.000 min
Lab File: VU056724.D
Acq: 11 Dec 2023 11:29

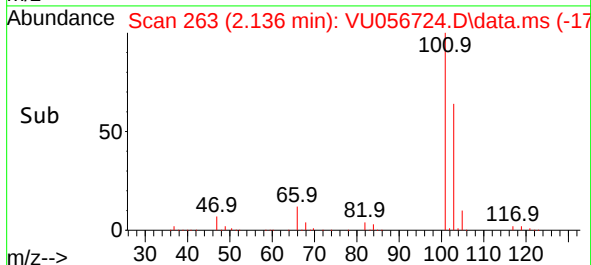
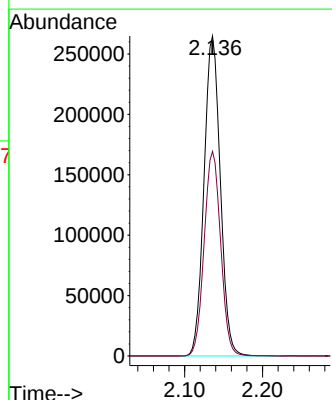
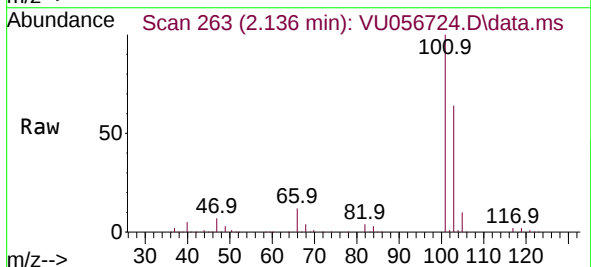
Instrument :
MSVOA_U
ClientSampleId :

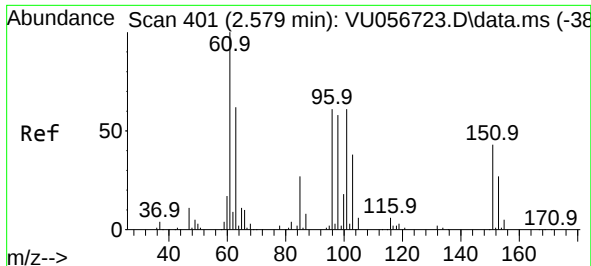
Tgt Ion: 64 Resp: 162005
Ion Ratio Lower Upper
64 100
66 31.9 21.4 39.8



#9
Trichlorofluoromethane
Concen: 10.082 ug/L
RT: 2.136 min Scan# 263
Delta R.T. 0.000 min
Lab File: VU056724.D
Acq: 11 Dec 2023 11:29

Tgt Ion:101 Resp: 384526
Ion Ratio Lower Upper
101 100
103 64.7 51.4 77.2

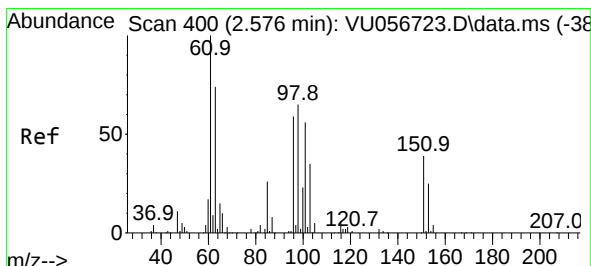
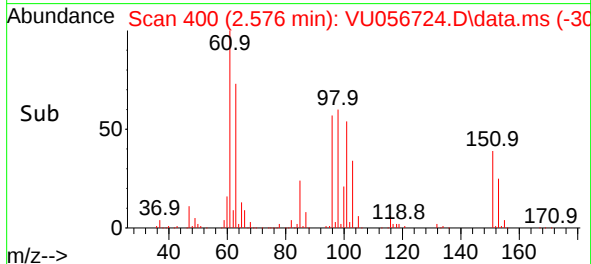
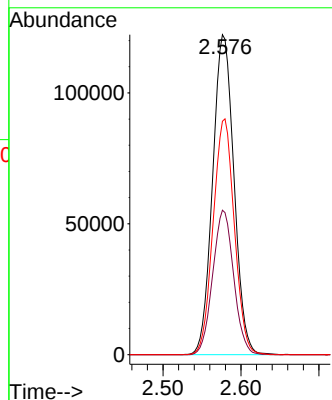
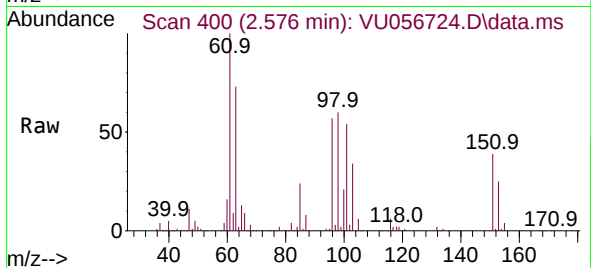




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 9.968 ug/L
 RT: 2.576 min Scan# 401
 Delta R.T. -0.003 min
 Lab File: VU056724.D
 Acq: 11 Dec 2023 11:29

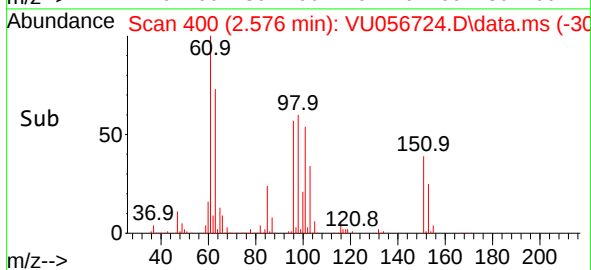
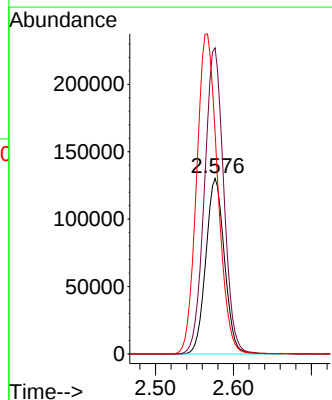
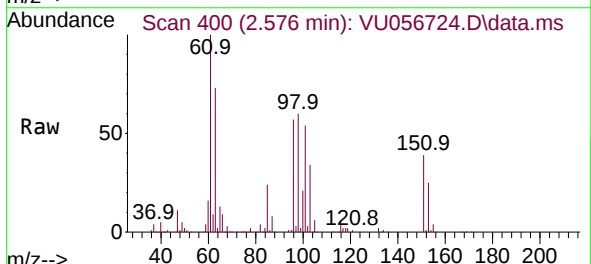
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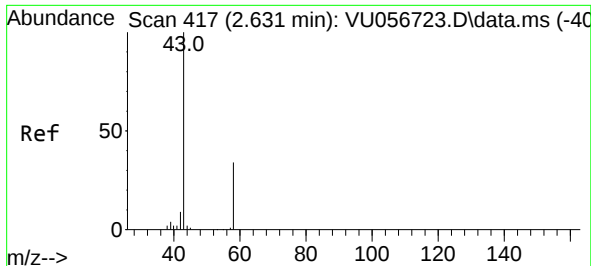
Tgt Ion:101 Resp: 233181
 Ion Ratio Lower Upper
 101 100
 85 44.2 35.2 52.8
 151 73.2 56.0 84.0



#12
 1,1-Dichloroethene
 Concen: 10.067 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. 0.000 min
 Lab File: VU056724.D
 Acq: 11 Dec 2023 11:29

Tgt Ion: 96 Resp: 216163
 Ion Ratio Lower Upper
 96 100
 61 174.3 119.0 221.0
 63 126.4 88.7 164.7





#13

Acetone

Concen: 103.026 ug/L

RT: 2.625 min Scan# 41

Delta R.T. -0.006 min

Lab File: VU056724.D

Acq: 11 Dec 2023 11:29

Instrument :

MSVOA_U

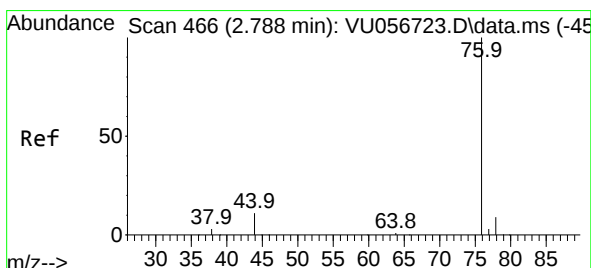
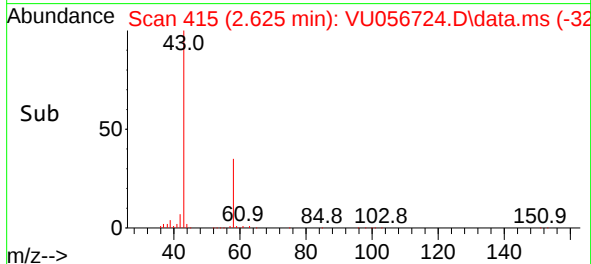
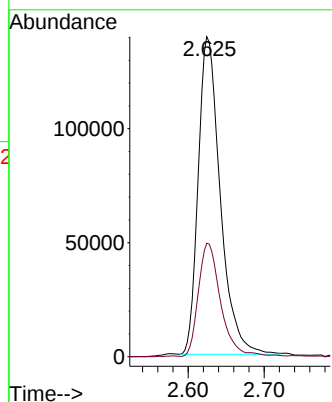
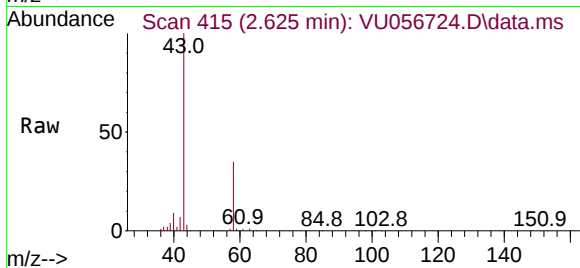
ClientSampleId :

Tgt Ion: 43 Resp: 281106

Ion Ratio Lower Upper

43 100

58 35.6 0.0 72.6



#14

Carbon disulfide

Concen: 9.891 ug/L

RT: 2.789 min Scan# 466

Delta R.T. 0.000 min

Lab File: VU056724.D

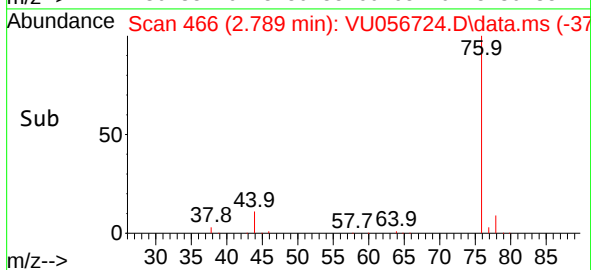
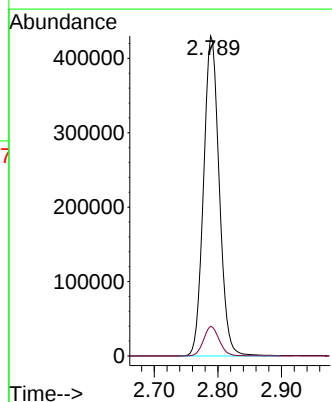
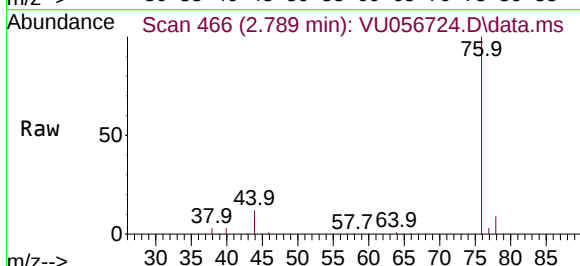
Acq: 11 Dec 2023 11:29

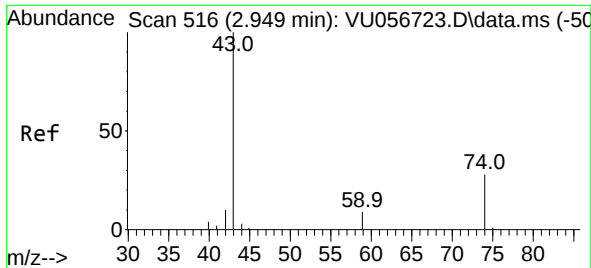
Tgt Ion: 76 Resp: 736873

Ion Ratio Lower Upper

76 100

78 9.2 7.3 10.9

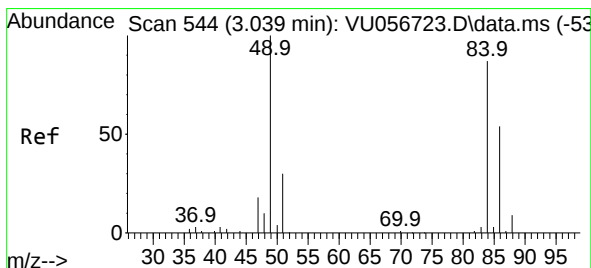
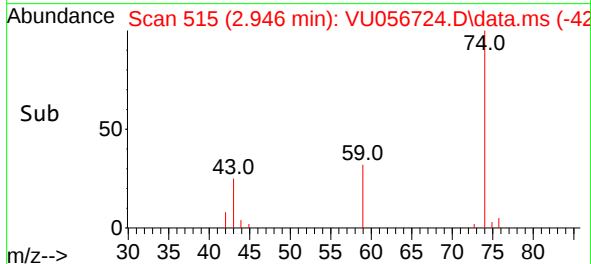
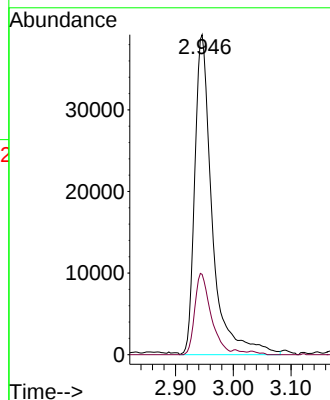
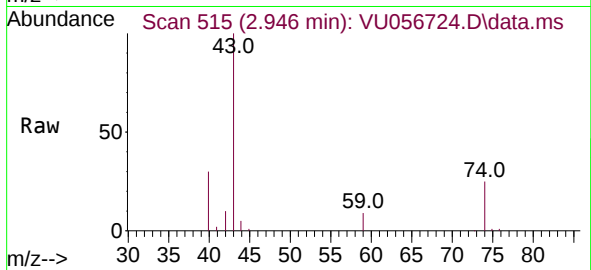




#15
Methyl Acetate
Concen: 11.089 ug/L
RT: 2.946 min Scan# 516
Delta R.T. -0.003 min
Lab File: VU056724.D
Acq: 11 Dec 2023 11:29

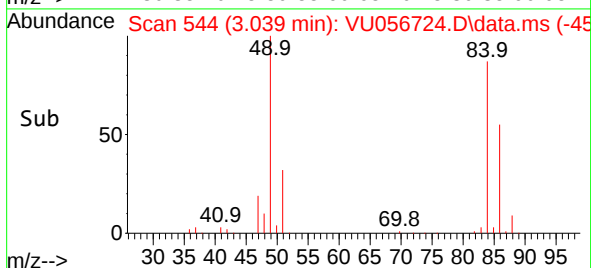
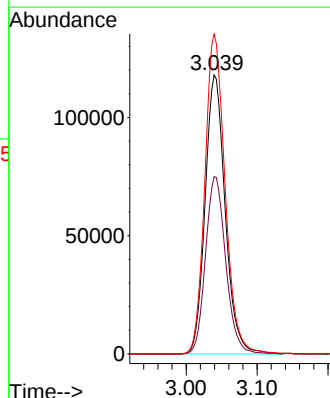
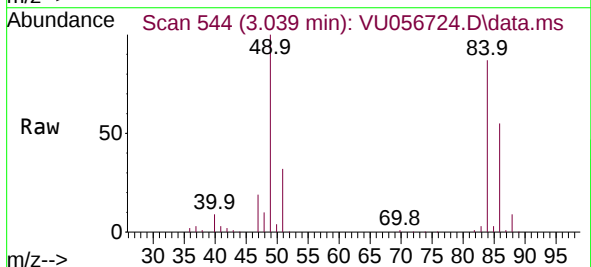
Instrument :
MSVOA_U
ClientSampleId :

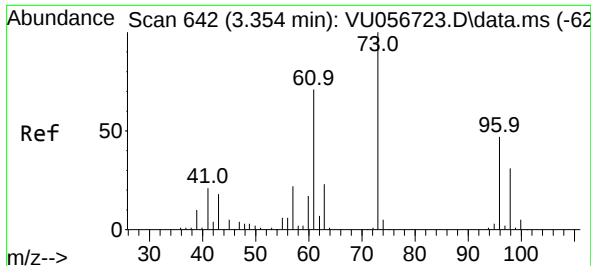
Tgt Ion: 43 Resp: 82459
Ion Ratio Lower Upper
43 100
74 23.5 21.0 31.6



#16
Methylene chloride
Concen: 9.925 ug/L
RT: 3.039 min Scan# 544
Delta R.T. 0.000 min
Lab File: VU056724.D
Acq: 11 Dec 2023 11:29

Tgt Ion: 84 Resp: 232190
Ion Ratio Lower Upper
84 100
86 63.5 43.6 81.0
49 114.7 80.6 149.6

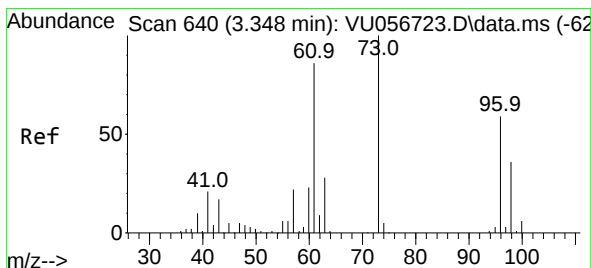
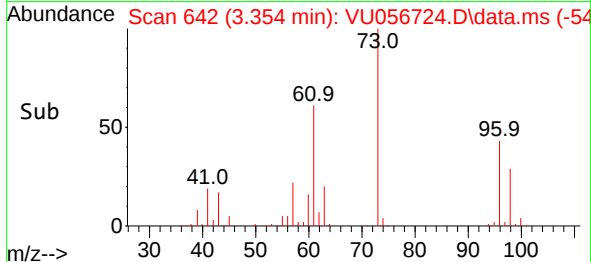
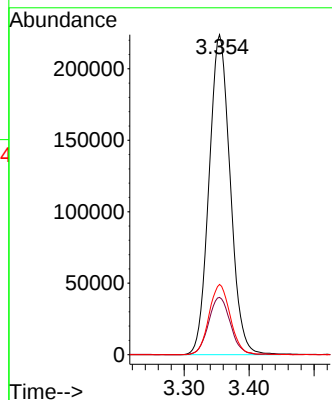
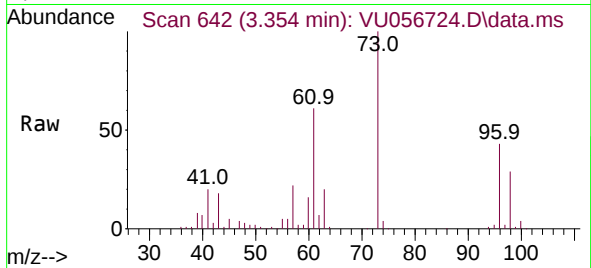




#17
Methyl tert-butyl Ether
Concen: 10.637 ug/L
RT: 3.354 min Scan# 642
Delta R.T. 0.000 min
Lab File: VU056724.D
Acq: 11 Dec 2023 11:29

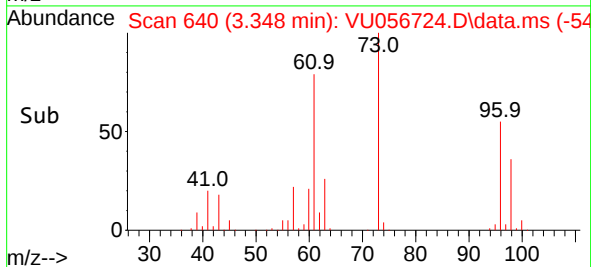
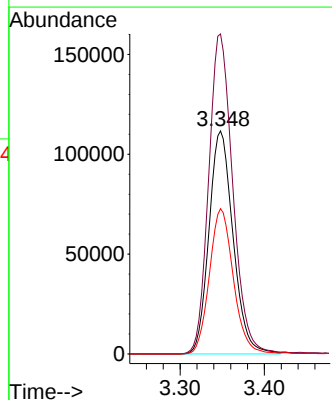
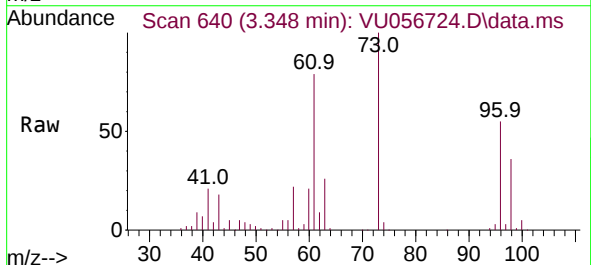
Instrument :
MSVOA_U
ClientSampleId :

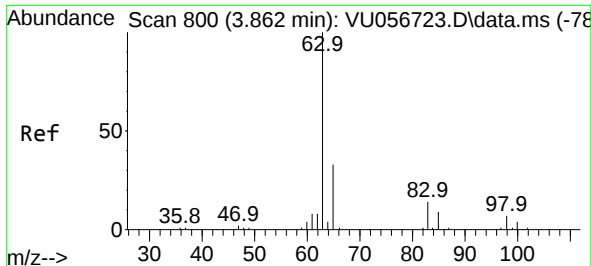
Tgt Ion: 73 Resp: 506454
Ion Ratio Lower Upper
73 100
43 18.5 14.4 21.6
57 22.1 17.8 26.8



#18
trans-1,2-Dichloroethene
Concen: 10.214 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.000 min
Lab File: VU056724.D
Acq: 11 Dec 2023 11:29

Tgt Ion: 96 Resp: 222376
Ion Ratio Lower Upper
96 100
61 143.4 101.8 189.0
98 65.1 43.0 79.8





#19

1,1-Dichloroethane

Concen: 10.157 ug/L

RT: 3.862 min Scan# 800

Delta R.T. 0.000 min

Lab File: VU056724.D

Acq: 11 Dec 2023 11:29

Instrument :

MSVOA_U

ClientSampleId :

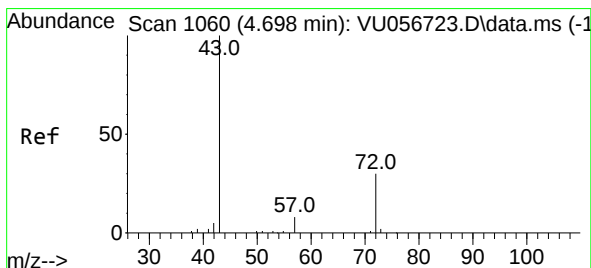
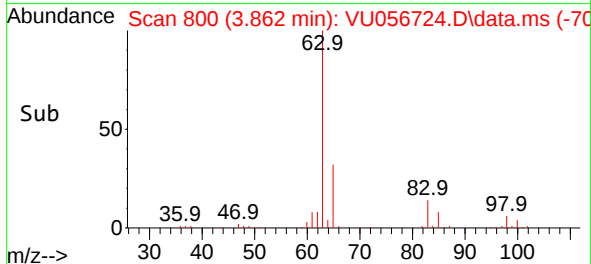
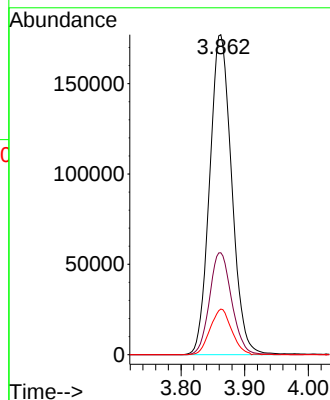
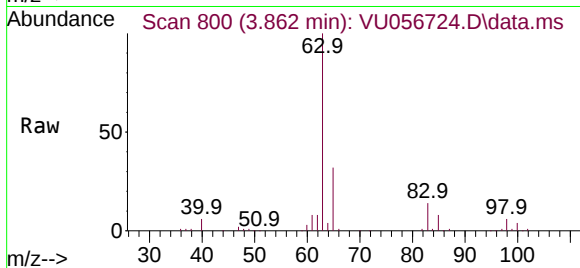
Tgt Ion: 63 Resp: 425386

Ion Ratio Lower Upper

63 100

65 31.9 22.9 42.5

83 14.3 10.1 18.9



#21

2-Butanone

Concen: 112.096 ug/L

RT: 4.692 min Scan# 1058

Delta R.T. -0.006 min

Lab File: VU056724.D

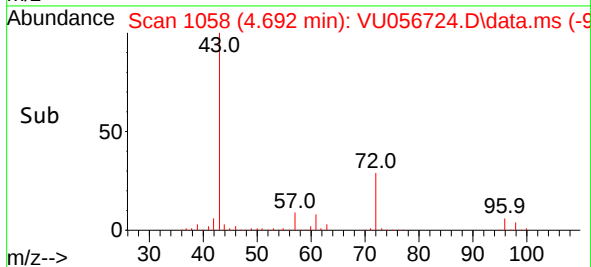
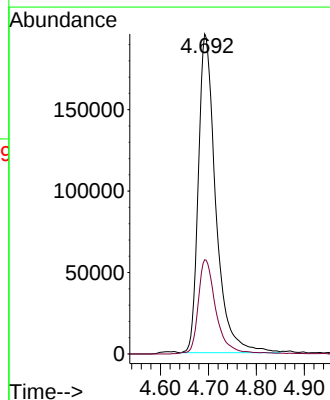
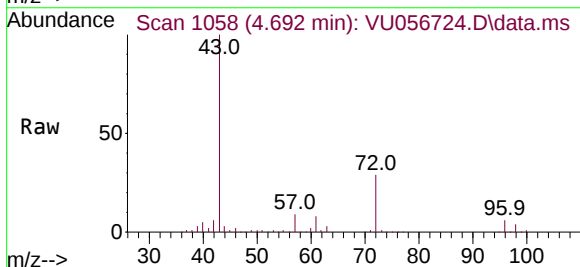
Acq: 11 Dec 2023 11:29

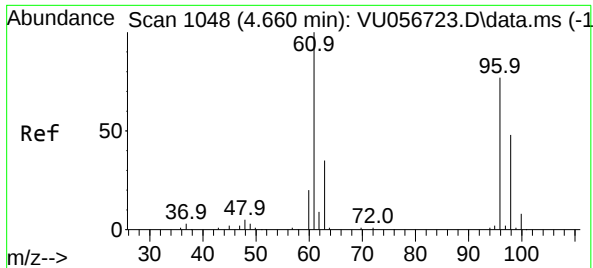
Tgt Ion: 43 Resp: 492169

Ion Ratio Lower Upper

43 100

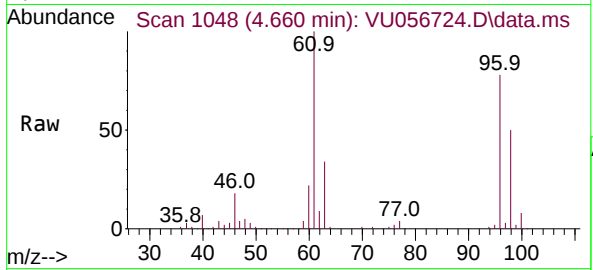
72 30.1 14.6 43.8





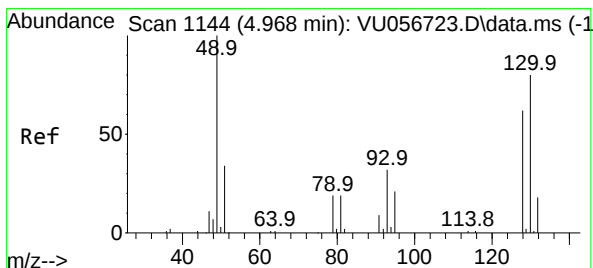
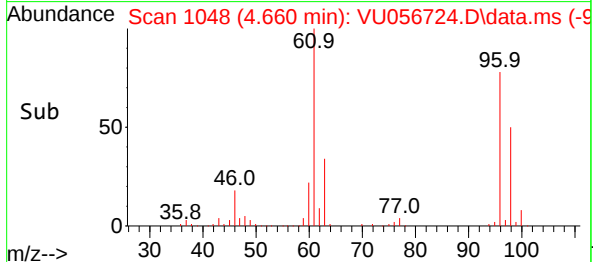
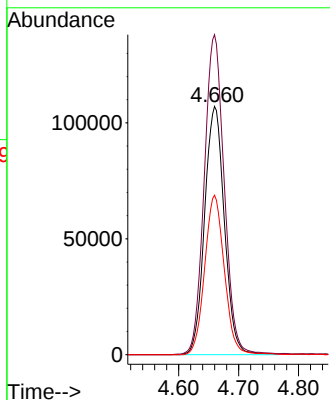
#22
 cis-1,2-Dichloroethene
 Concen: 10.408 ug/L
 RT: 4.660 min Scan# 1048
 Delta R.T. 0.000 min
 Lab File: VU056724.D
 Acq: 11 Dec 2023 11:29

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 96 Resp: 246519

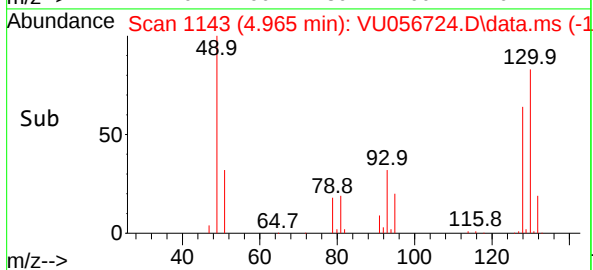
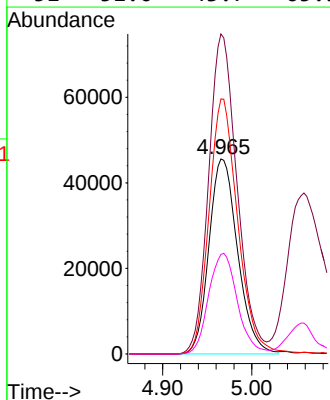
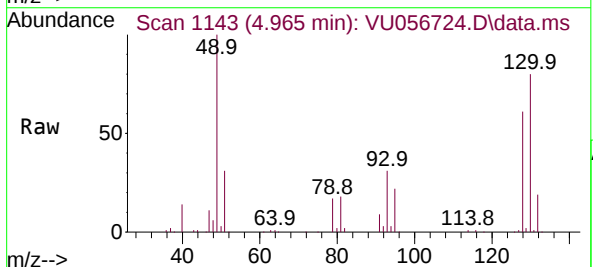
Ion	Ratio	Lower	Upper
96	100		
61	128.9	91.3	169.6
98	64.3	44.2	82.0

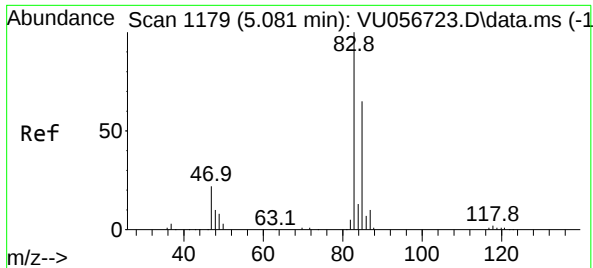


#23
 Bromochloromethane
 Concen: 10.262 ug/L
 RT: 4.965 min Scan# 1143
 Delta R.T. -0.003 min
 Lab File: VU056724.D
 Acq: 11 Dec 2023 11:29

Tgt Ion: 128 Resp: 101753

Ion	Ratio	Lower	Upper
128	100		
49	164.0	113.8	211.3
130	130.7	90.6	168.3
51	51.0	43.7	65.5

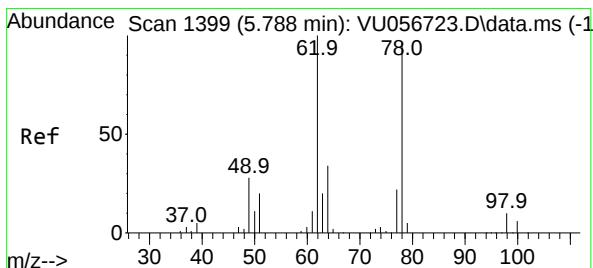
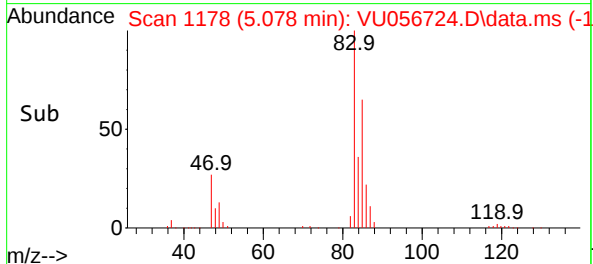
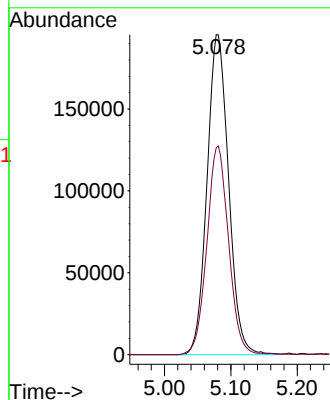
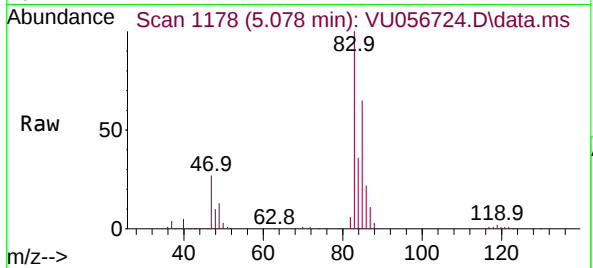




#25
Chloroform
Concen: 10.053 ug/L
RT: 5.078 min Scan# 1179
Delta R.T. -0.003 min
Lab File: VU056724.D
Acq: 11 Dec 2023 11:29

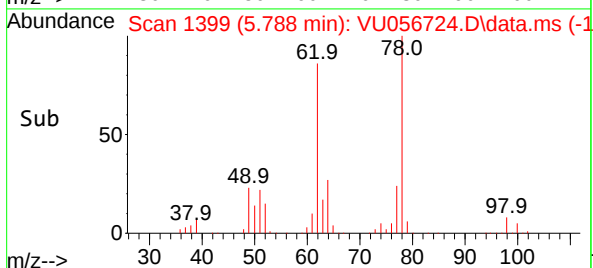
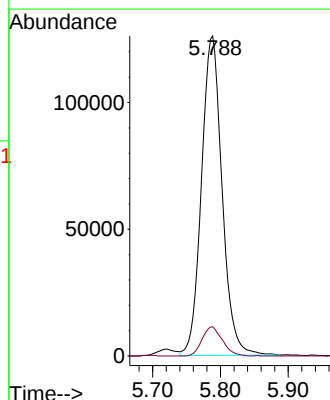
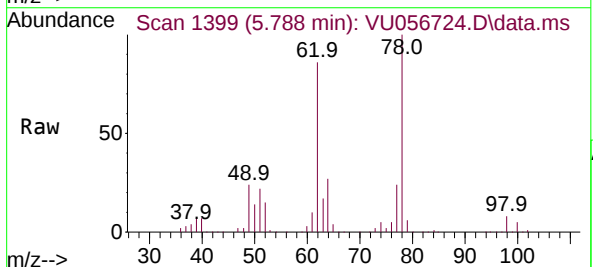
Instrument :
MSVOA_U
ClientSampleId :

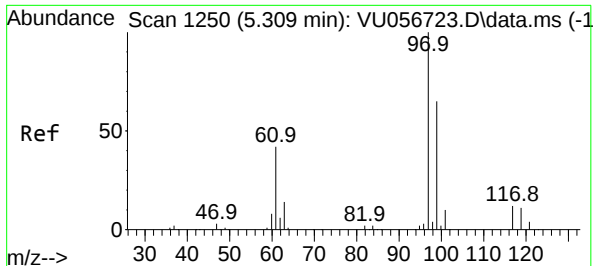
Tgt Ion: 83 Resp: 441060
Ion Ratio Lower Upper
83 100
85 64.6 45.8 85.0



#27
1,2-Dichloroethane
Concen: 10.270 ug/L
RT: 5.788 min Scan# 1399
Delta R.T. 0.000 min
Lab File: VU056724.D
Acq: 11 Dec 2023 11:29

Tgt Ion: 62 Resp: 266462
Ion Ratio Lower Upper
62 100
98 9.1 7.8 11.6

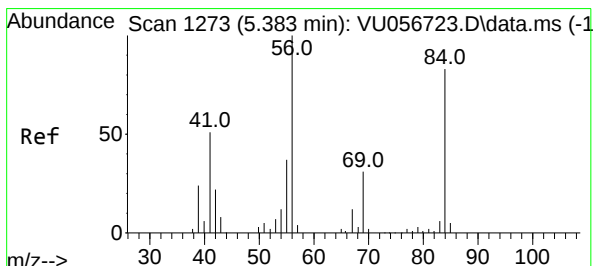
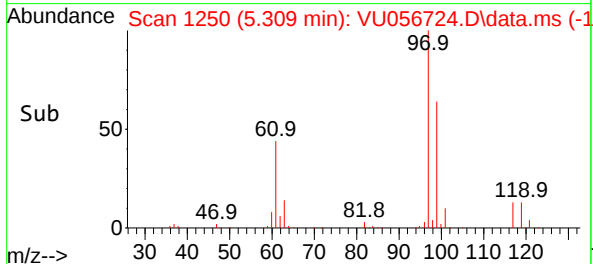
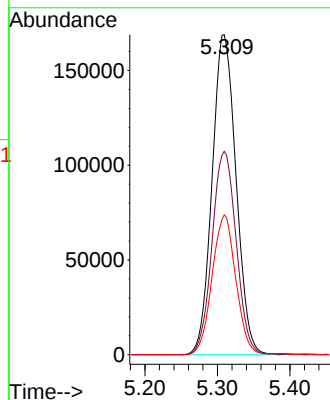
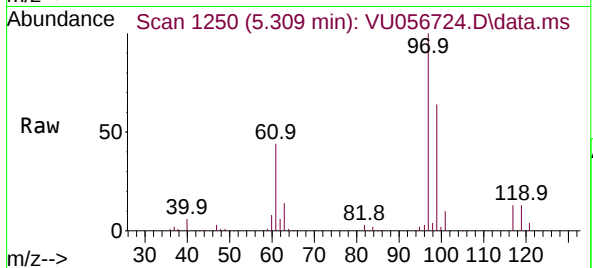




#29
1,1,1-Trichloroethane
Concen: 10.341 ug/L
RT: 5.309 min Scan# 1250
Delta R.T. 0.000 min
Lab File: VU056724.D
Acq: 11 Dec 2023 11:29

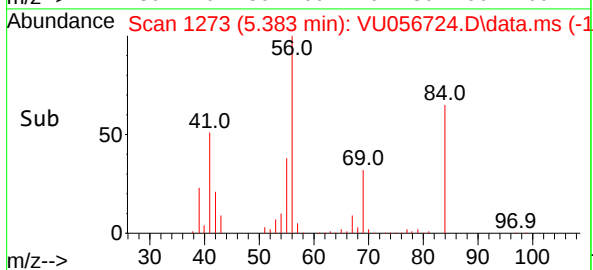
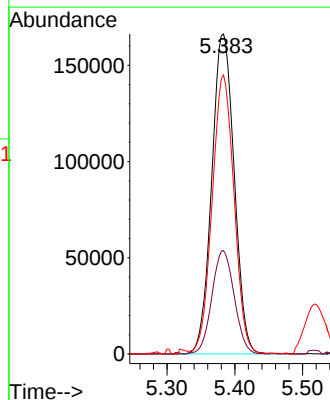
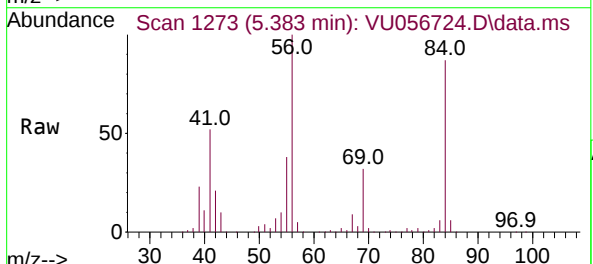
Instrument :
MSVOA_U
ClientSampleId :

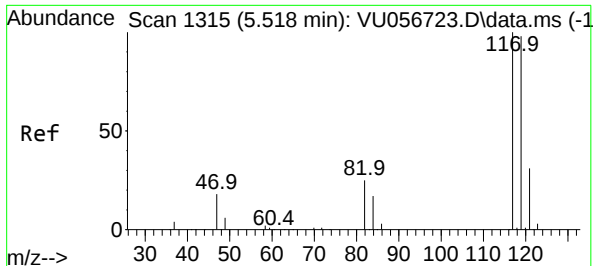
Tgt Ion: 97 Resp: 387747
Ion Ratio Lower Upper
97 100
99 64.1 52.5 78.7
61 43.2 34.2 51.2



#30
Cyclohexane
Concen: 10.888 ug/L
RT: 5.383 min Scan# 1273
Delta R.T. 0.000 min
Lab File: VU056724.D
Acq: 11 Dec 2023 11:29

Tgt Ion: 56 Resp: 383153
Ion Ratio Lower Upper
56 100
69 32.1 24.9 37.3
84 84.7 67.6 101.4

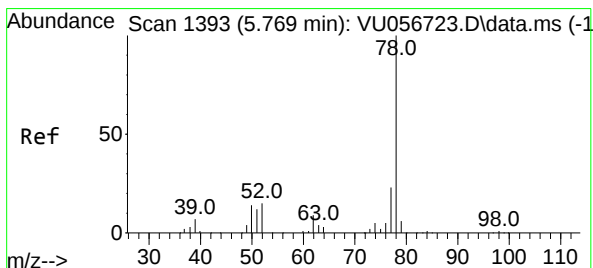
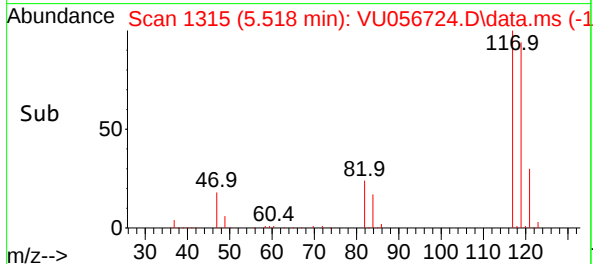
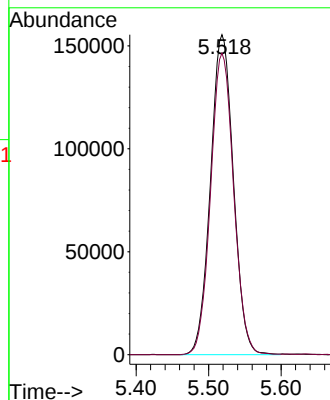
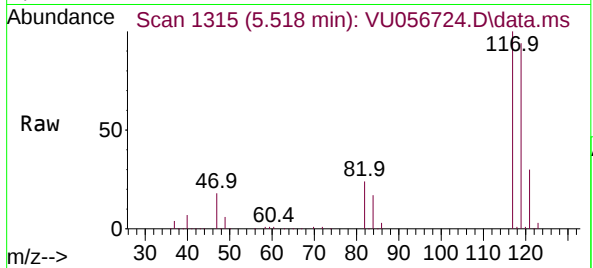




#31
Carbon tetrachloride
Concen: 10.473 ug/L
RT: 5.518 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU056724.D
Acq: 11 Dec 2023 11:29

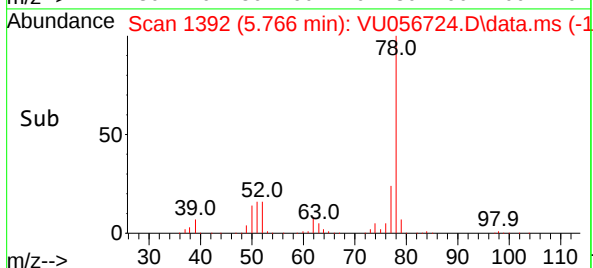
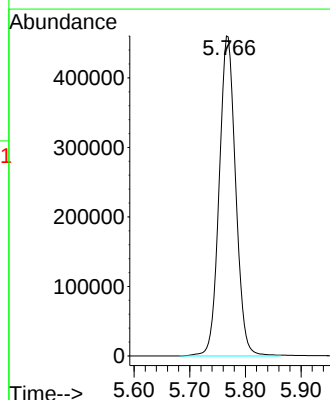
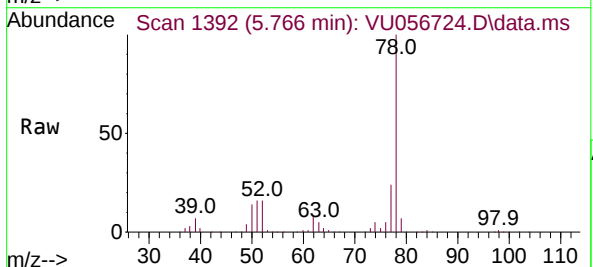
Instrument :
MSVOA_U
ClientSampleId :

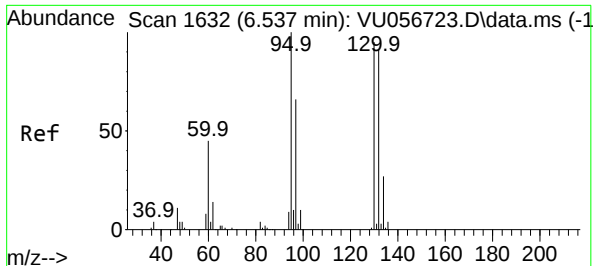
Tgt Ion:117 Resp: 341305
Ion Ratio Lower Upper
117 100
119 94.5 76.2 114.4



#33
Benzene
Concen: 10.397 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. -0.003 min
Lab File: VU056724.D
Acq: 11 Dec 2023 11:29

Tgt Ion: 78 Resp: 947819





#34

Trichloroethene

Concen: 10.311 ug/L

RT: 6.538 min Scan# 1

Delta R.T. 0.000 min

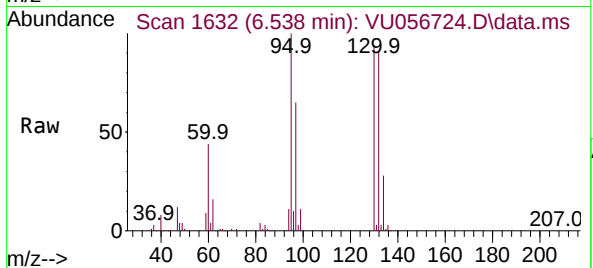
Lab File: VU056724.D

Acq: 11 Dec 2023 11:29

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 95 Resp: 257830

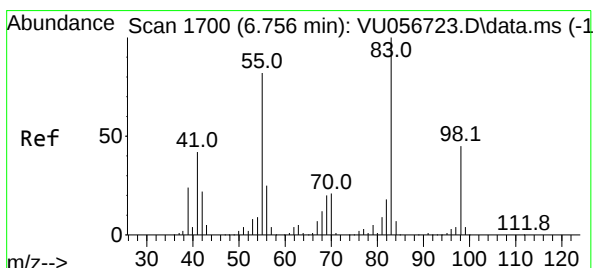
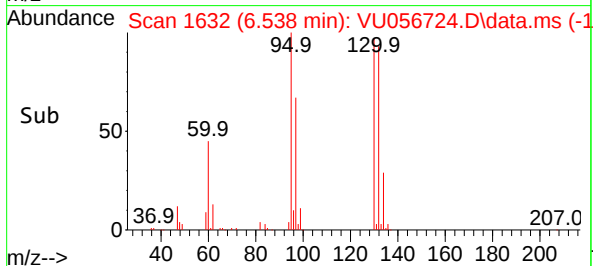
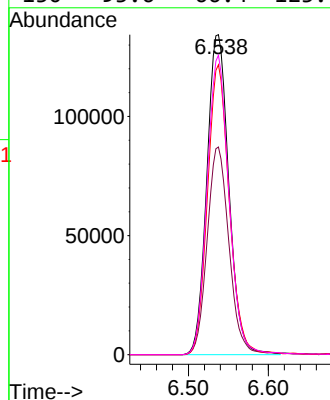
Ion Ratio Lower Upper

95 100

97 64.9 46.1 85.5

132 90.6 63.6 118.0

130 93.6 66.4 123.4



#35

Methylcyclohexane

Concen: 10.946 ug/L

RT: 6.756 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VU056724.D

Acq: 11 Dec 2023 11:29

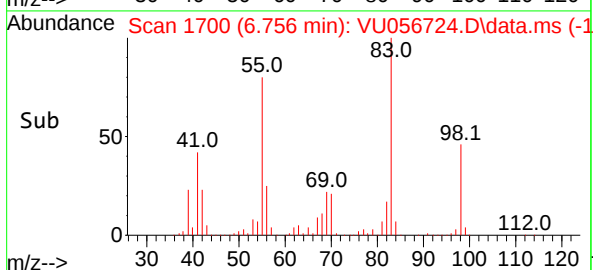
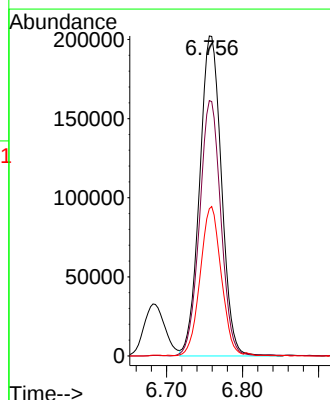
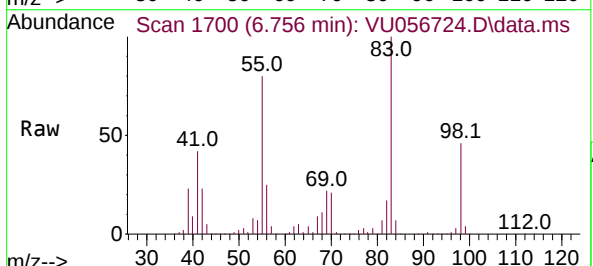
Tgt Ion: 83 Resp: 403936

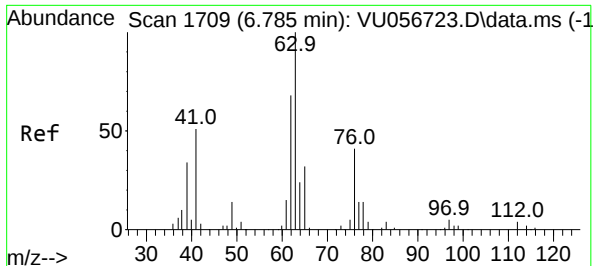
Ion Ratio Lower Upper

83 100

55 78.0 64.6 97.0

98 44.7 36.1 54.1





#37

1,2-Dichloropropane

Concen: 10.491 ug/L

RT: 6.782 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU056724.D

Acq: 11 Dec 2023 11:29

Instrument :

MSVOA_U

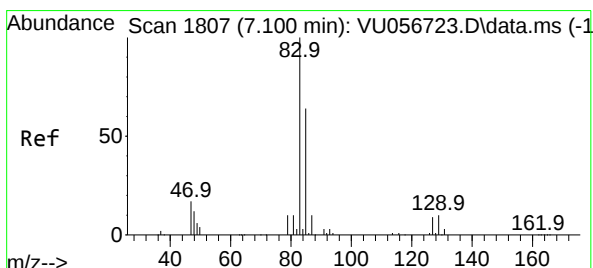
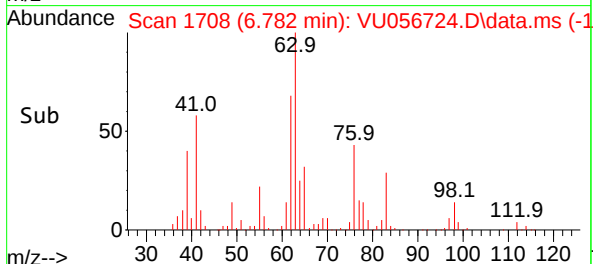
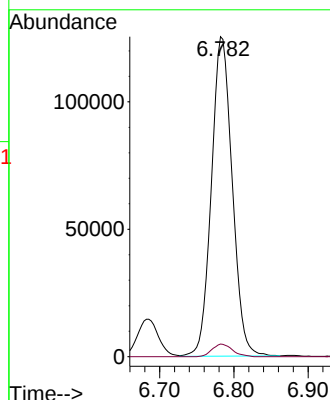
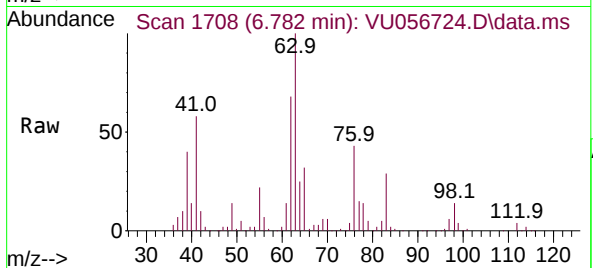
ClientSampleId :

Tgt Ion: 63 Resp: 244634

Ion Ratio Lower Upper

63 100

112 3.8 3.3 4.9



#38

Bromodichloromethane

Concen: 10.336 ug/L

RT: 7.097 min Scan# 1806

Delta R.T. -0.003 min

Lab File: VU056724.D

Acq: 11 Dec 2023 11:29

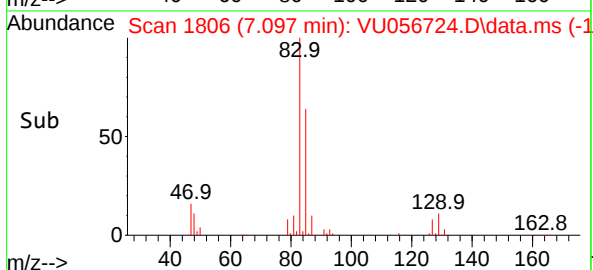
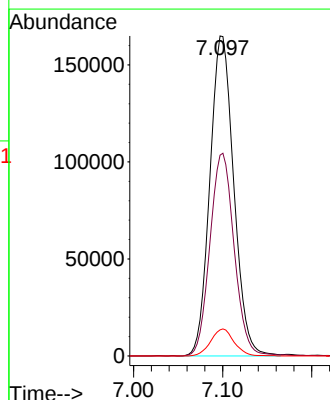
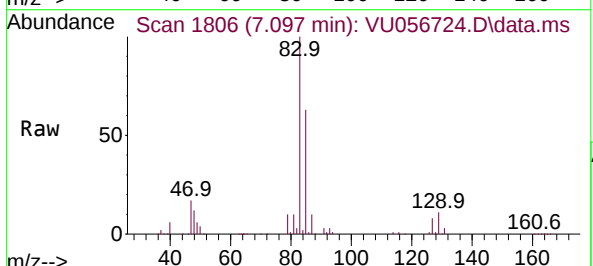
Tgt Ion: 83 Resp: 307373

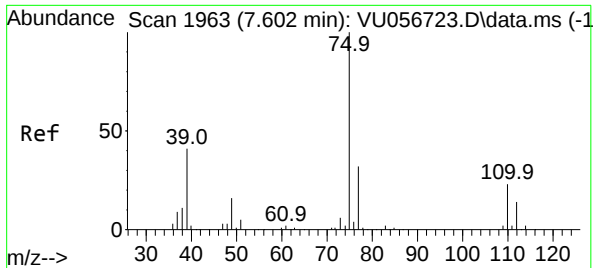
Ion Ratio Lower Upper

83 100

85 62.8 45.0 83.6

127 8.2 7.0 10.4





#39

cis-1,3-Dichloropropene

Concen: 10.831 ug/L

RT: 7.602 min Scan# 1963

Delta R.T. 0.000 min

Lab File: VU056724.D

Acq: 11 Dec 2023 11:29

Instrument :

MSVOA_U

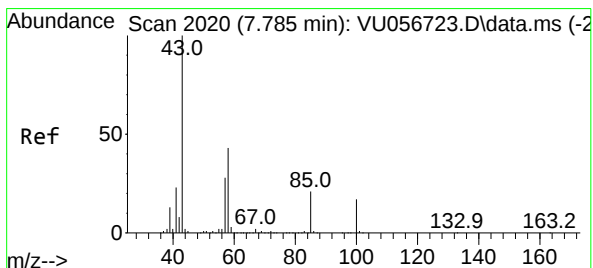
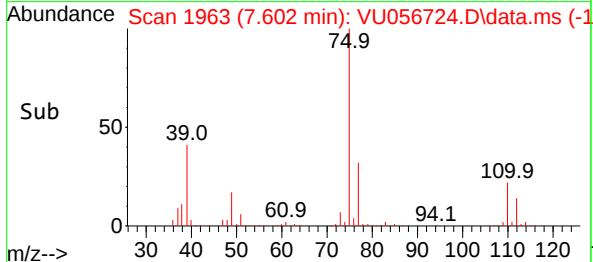
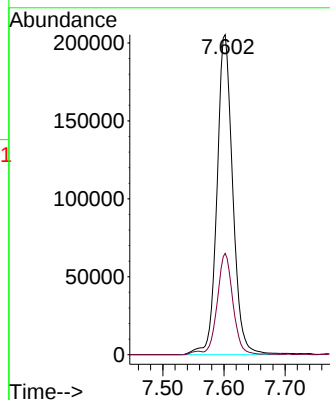
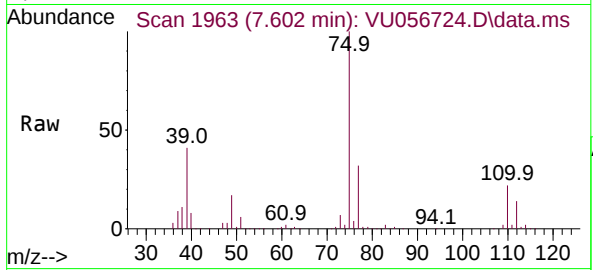
ClientSampleId :

Tgt Ion: 75 Resp: 368105

Ion Ratio Lower Upper

75 100

77 31.6 22.3 41.5



#40

4-Methyl-2-pentanone

Concen: 109.853 ug/L

RT: 7.782 min Scan# 2019

Delta R.T. -0.003 min

Lab File: VU056724.D

Acq: 11 Dec 2023 11:29

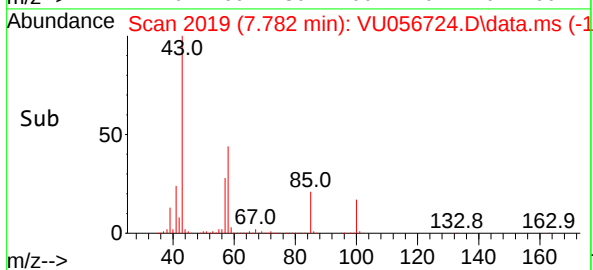
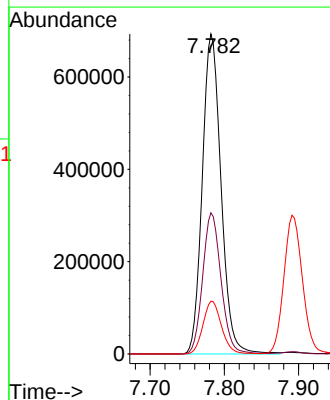
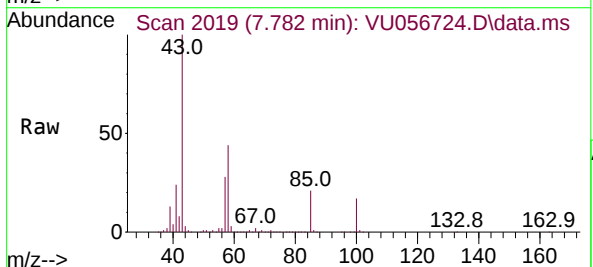
Tgt Ion: 43 Resp: 1216409

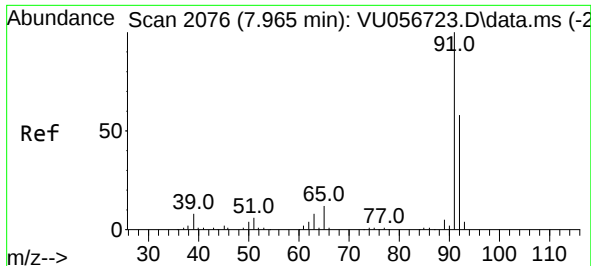
Ion Ratio Lower Upper

43 100

58 43.3 33.7 50.5

100 16.3 13.0 19.4





#42

Toluene

Concen: 10.804 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. 0.000 min

Lab File: VU056724.D

Acq: 11 Dec 2023 11:29

Instrument :

MSVOA_U

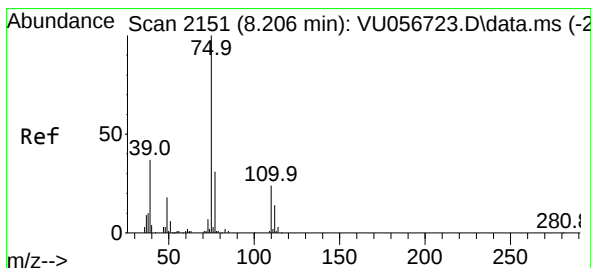
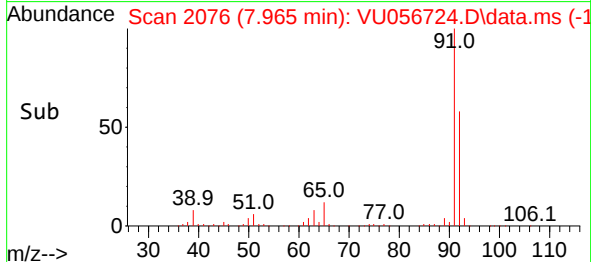
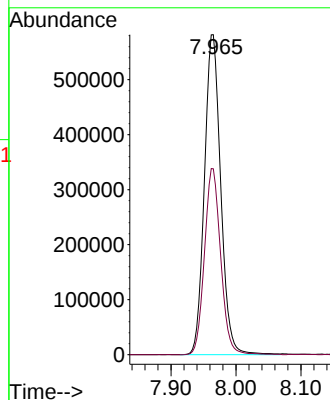
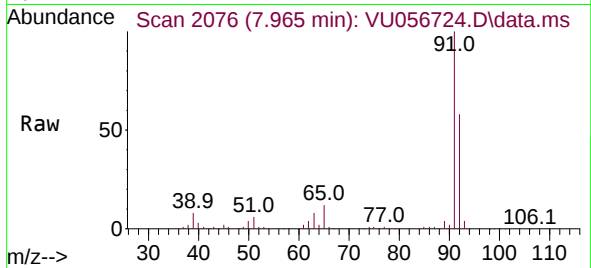
ClientSampleId :

Tgt Ion: 91 Resp: 1019055

Ion Ratio Lower Upper

91 100

92 58.1 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 10.845 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. -0.003 min

Lab File: VU056724.D

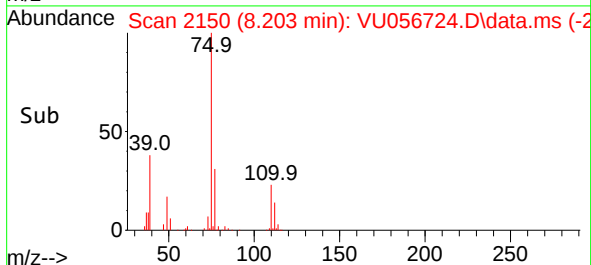
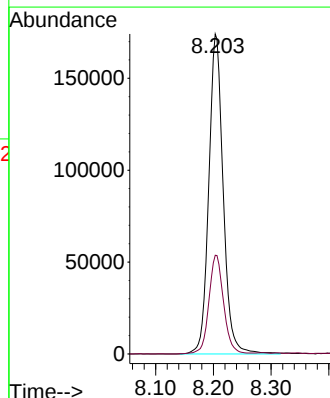
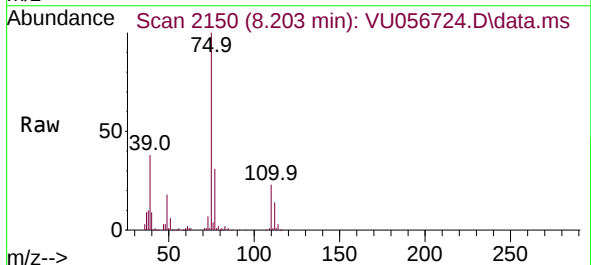
Acq: 11 Dec 2023 11:29

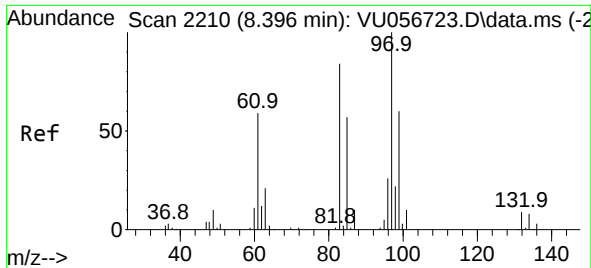
Tgt Ion: 75 Resp: 302092

Ion Ratio Lower Upper

75 100

77 30.9 21.8 40.4

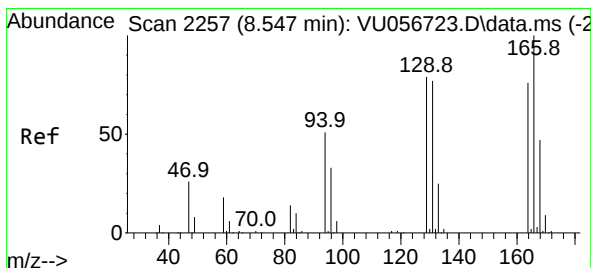
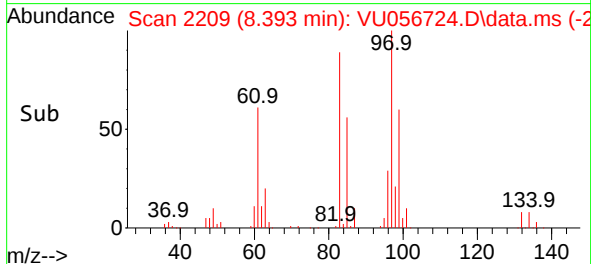
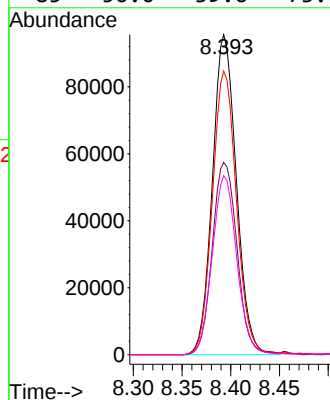
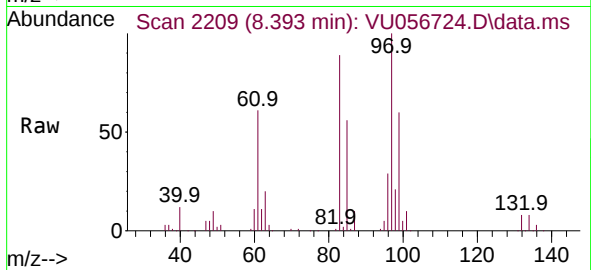




#45
1,1,2-Trichloroethane
Concen: 10.363 ug/L
RT: 8.393 min Scan# 2210
Delta R.T. -0.003 min
Lab File: VU056724.D
Acq: 11 Dec 2023 11:29

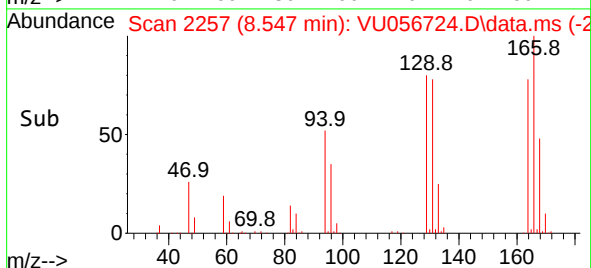
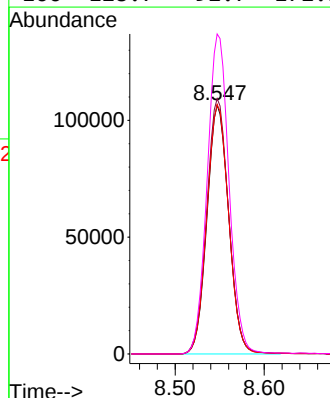
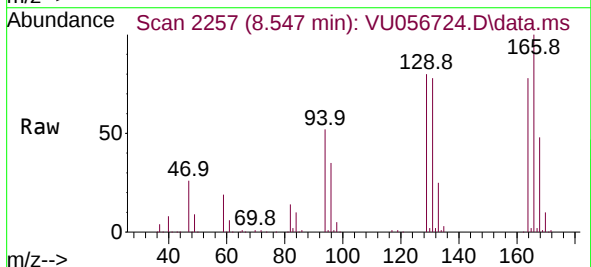
Instrument :
MSVOA_U
ClientSampleId :

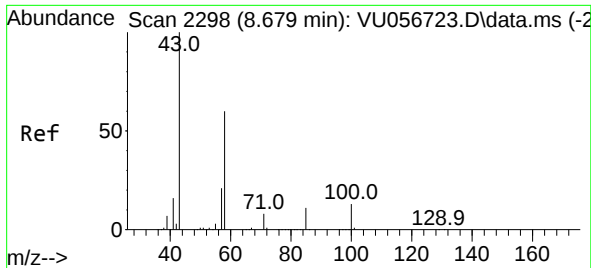
Tgt Ion: 97	Resp: 163367
Ion Ratio	Lower Upper
97 100	
99 60.1	41.9 77.9
83 88.6	59.1 109.7
85 56.0	39.6 73.6



#47
Tetrachloroethene
Concen: 10.326 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU056724.D
Acq: 11 Dec 2023 11:29

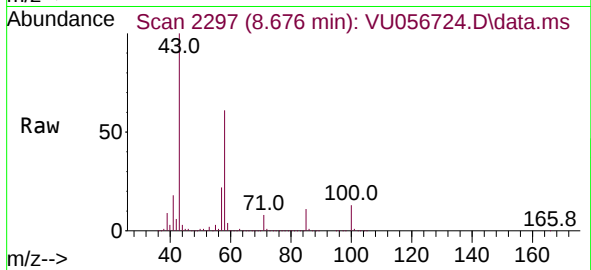
Tgt	Ion:164	Resp:	180709
Ion	Ratio	Lower	Upper
164	100		
129	102.7	73.4	136.4
131	100.3	71.5	132.9
166	128.7	92.7	172.1



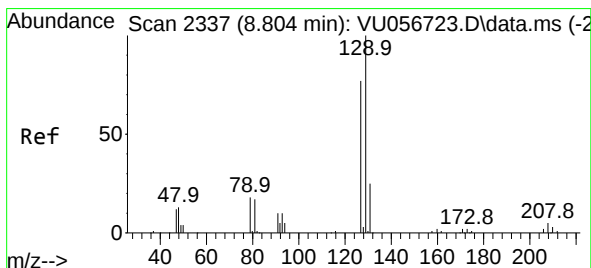
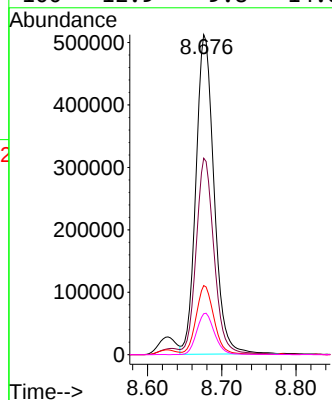
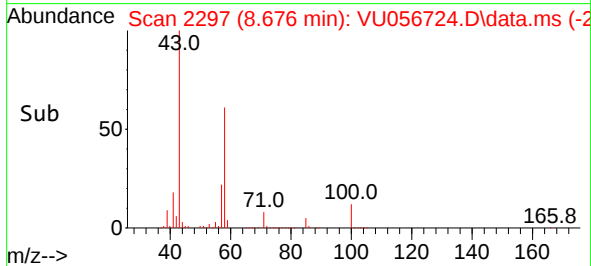


#48
2-Hexanone
Concen: 110.174 ug/L
RT: 8.676 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU056724.D
Acq: 11 Dec 2023 11:29

Instrument :
MSVOA_U
ClientSampleId :

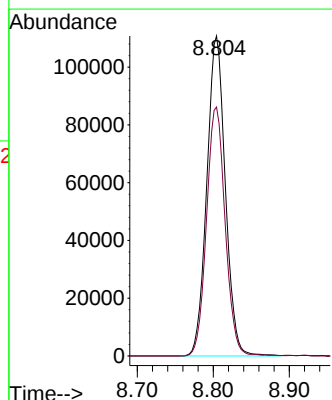
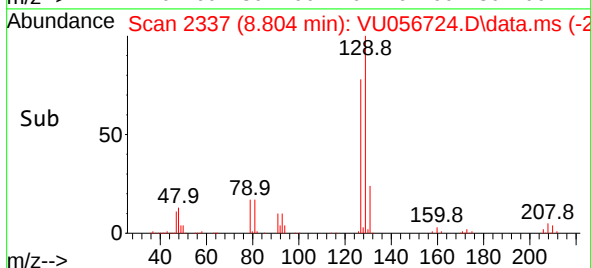
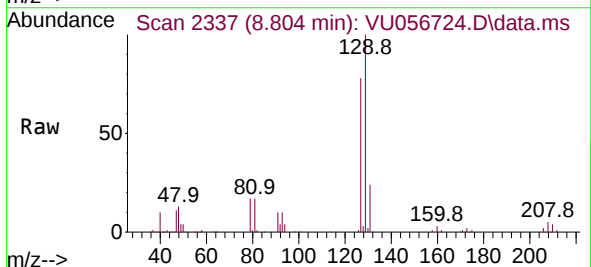


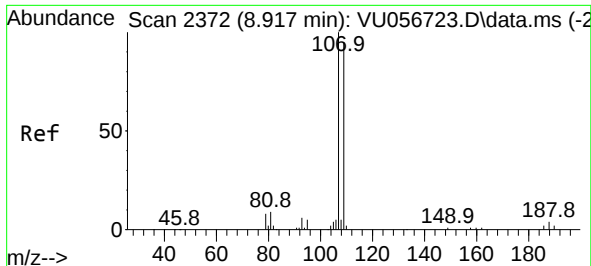
Tgt Ion: 43 Resp: 868887
Ion Ratio Lower Upper
43 100
58 61.2 47.5 71.3
57 21.5 17.0 25.4
100 12.9 9.8 14.8



#49
Dibromochloromethane
Concen: 10.333 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VU056724.D
Acq: 11 Dec 2023 11:29

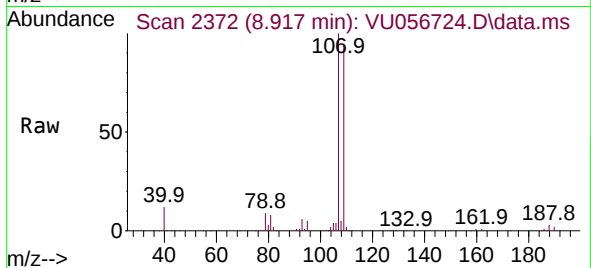
Tgt Ion: 129 Resp: 187246
Ion Ratio Lower Upper
129 100
127 77.8 53.9 100.1



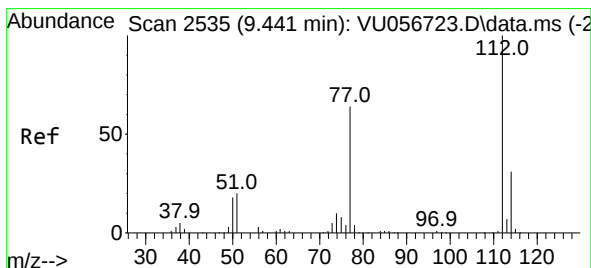
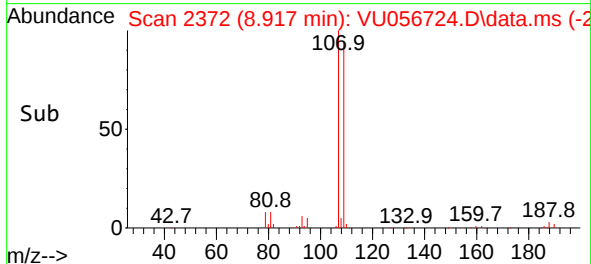
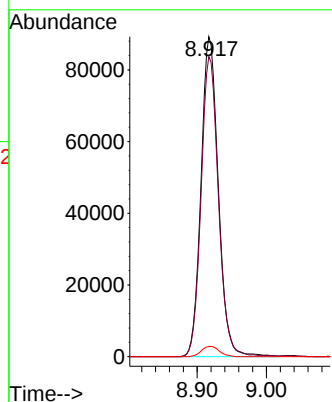


#50
1,2-Dibromoethane
Concen: 10.593 ug/L
RT: 8.917 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU056724.D
Acq: 11 Dec 2023 11:29

Instrument :
MSVOA_U
ClientSampleId :

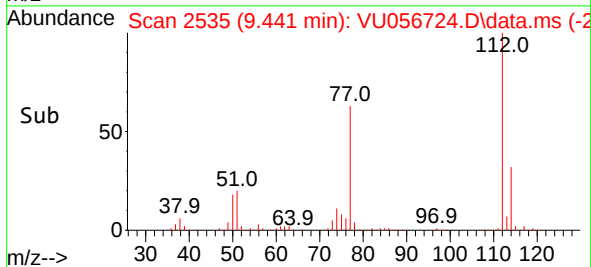
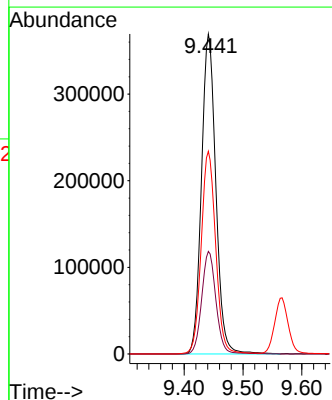
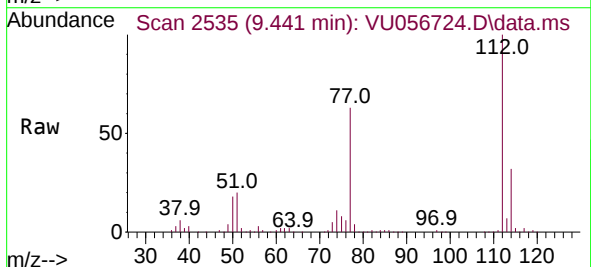


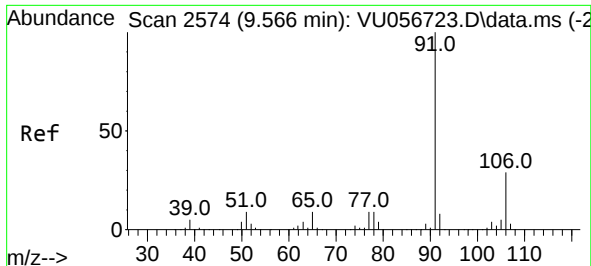
Tgt Ion:107 Resp: 154999
Ion Ratio Lower Upper
107 100
109 93.7 66.5 123.5
188 3.2 2.9 4.3



#51
Chlorobenzene
Concen: 10.416 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. 0.000 min
Lab File: VU056724.D
Acq: 11 Dec 2023 11:29

Tgt Ion:112 Resp: 626170
Ion Ratio Lower Upper
112 100
114 32.0 21.9 40.7
77 63.4 51.6 77.4

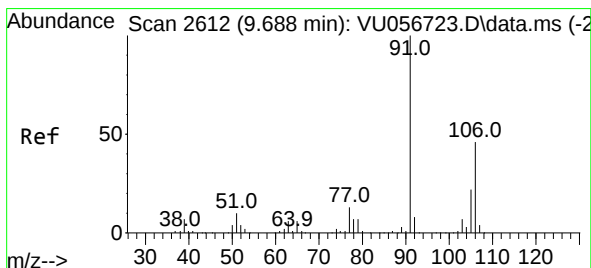
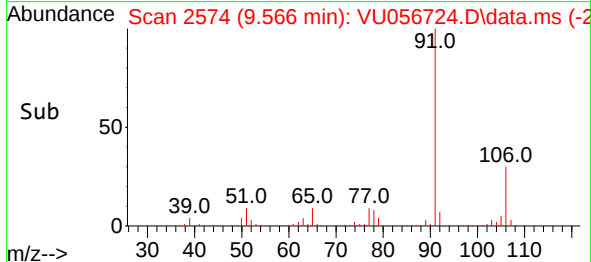
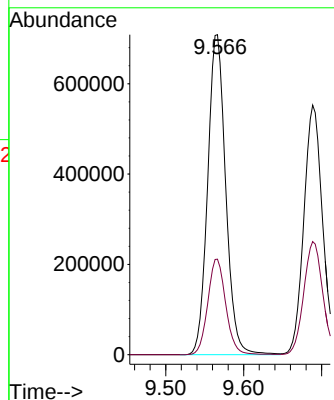
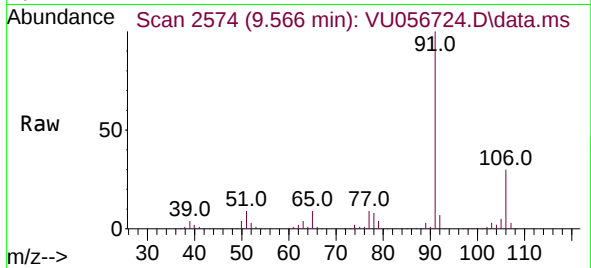




#52
Ethylbenzene
Concen: 10.965 ug/L
RT: 9.566 min Scan# 2100
Delta R.T. 0.000 min
Lab File: VU056724.D
Acq: 11 Dec 2023 11:29

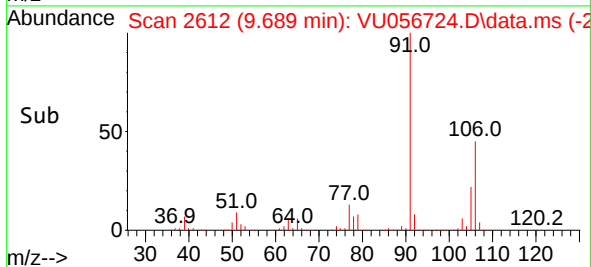
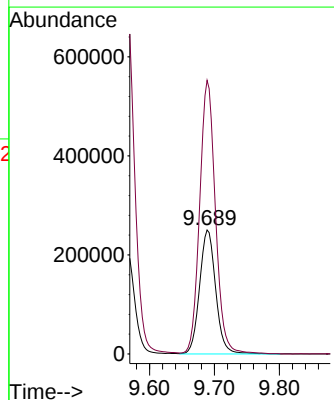
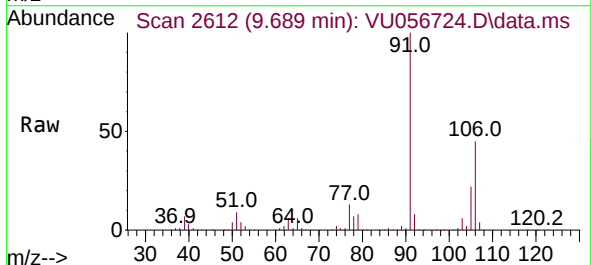
Instrument :
MSVOA_U
ClientSampleId :

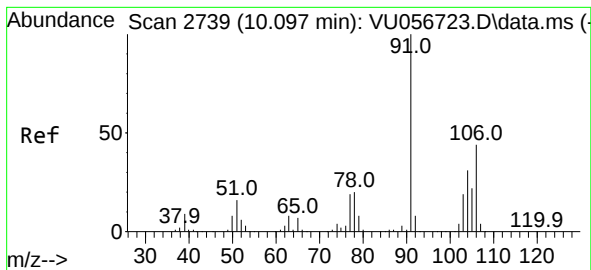
Tgt Ion: 91 Resp: 1140860
Ion Ratio Lower Upper
91 100
106 29.9 20.6 38.4



#53
m,p-Xylene
Concen: 11.163 ug/L
RT: 9.689 min Scan# 2612
Delta R.T. 0.000 min
Lab File: VU056724.D
Acq: 11 Dec 2023 11:29

Tgt Ion: 106 Resp: 432749
Ion Ratio Lower Upper
106 100
91 220.6 154.0 286.0





#54

o-Xylene

Concen: 11.017 ug/L

RT: 10.094 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU056724.D

Acq: 11 Dec 2023 11:29

Instrument :

MSVOA_U

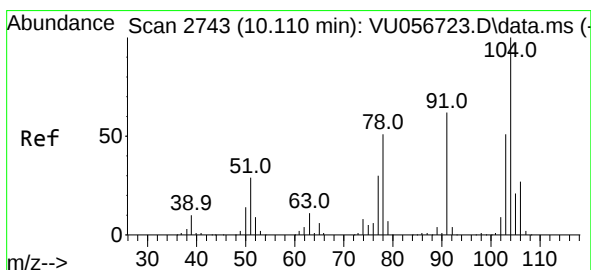
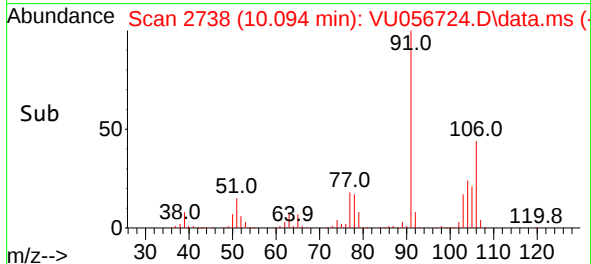
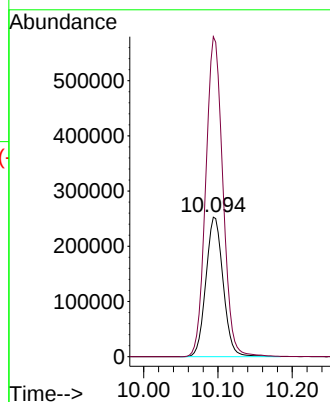
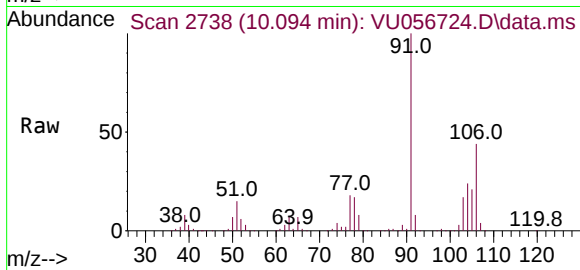
ClientSampleId :

Tgt Ion:106 Resp: 406871

Ion Ratio Lower Upper

106 100

91 229.4 160.2 297.6



#55

Styrene

Concen: 11.634 ug/L

RT: 10.110 min Scan# 2743

Delta R.T. 0.000 min

Lab File: VU056724.D

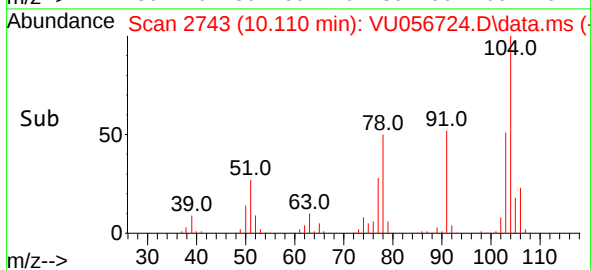
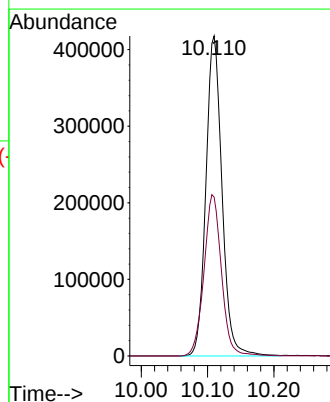
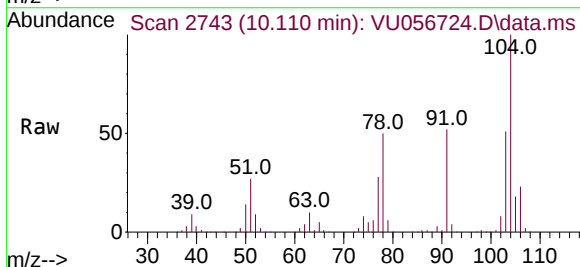
Acq: 11 Dec 2023 11:29

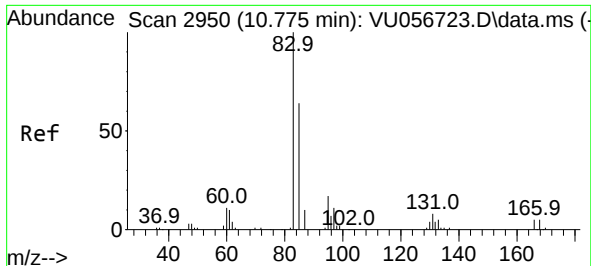
Tgt Ion:104 Resp: 705540

Ion Ratio Lower Upper

104 100

78 49.7 35.6 66.2





#57

1,1,2,2-Tetrachloroethane

Concen: 10.366 ug/L

RT: 10.775 min Scan# 2950

Delta R.T. 0.000 min

Lab File: VU056724.D

Acq: 11 Dec 2023 11:29

Instrument :

MSVOA_U

ClientSampleId :

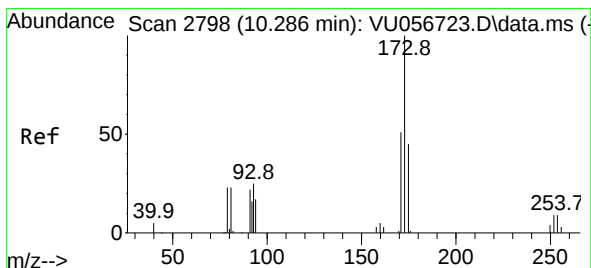
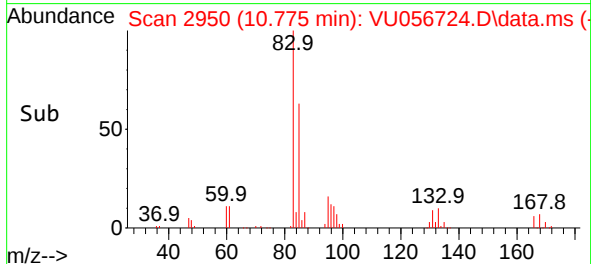
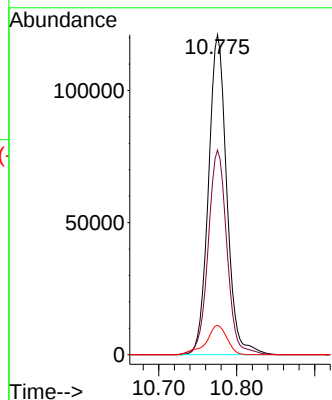
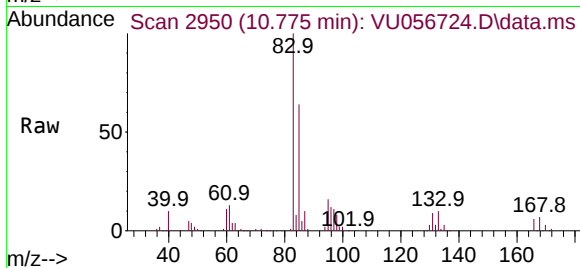
Tgt Ion: 83 Resp: 197441

Ion Ratio Lower Upper

83 100

85 64.0 45.4 84.4

131 9.1 6.6 9.8



#59

Bromoform

Concen: 9.904 ug/L

RT: 10.283 min Scan# 2797

Delta R.T. -0.003 min

Lab File: VU056724.D

Acq: 11 Dec 2023 11:29

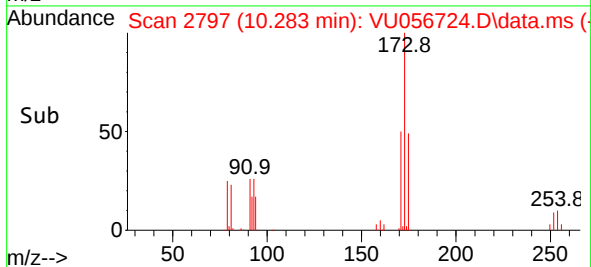
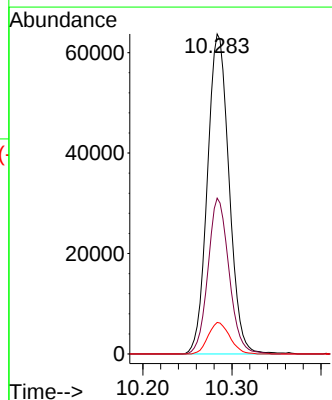
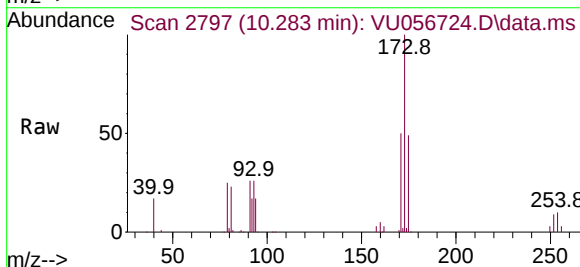
Tgt Ion:173 Resp: 107446

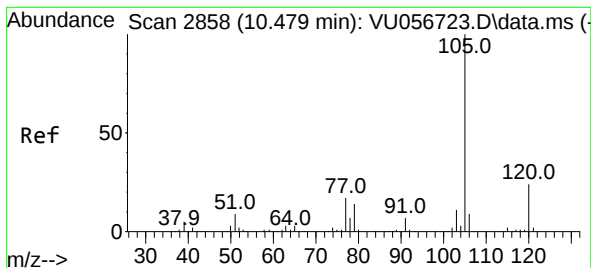
Ion Ratio Lower Upper

173 100

175 47.3 38.2 57.2

254 9.8 7.0 10.4





#60

Isopropylbenzene

Concen: 10.675 ug/L

RT: 10.480 min Scan# 2858

Delta R.T. 0.000 min

Lab File: VU056724.D

Acq: 11 Dec 2023 11:29

Instrument :

MSVOA_U

ClientSampleId :

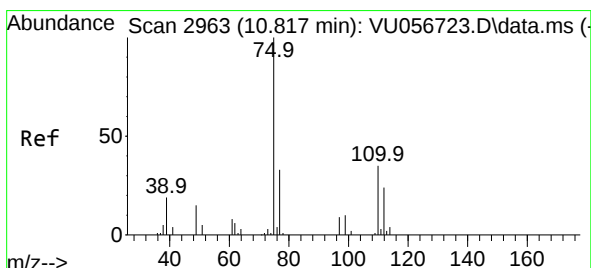
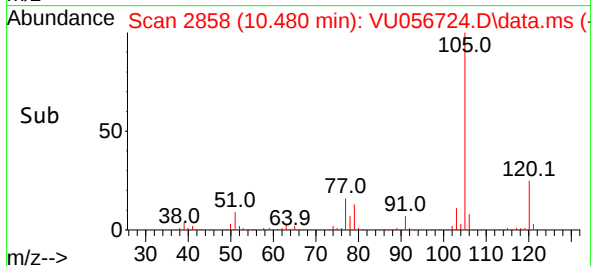
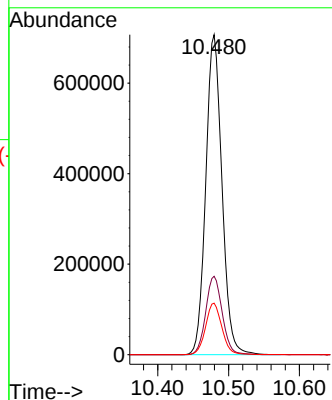
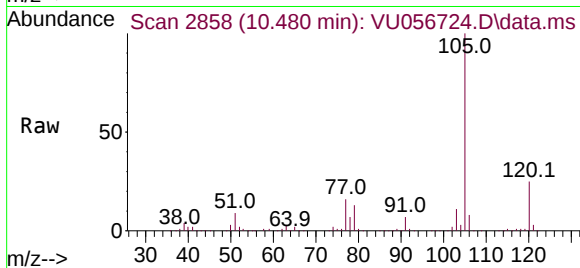
Tgt Ion:105 Resp: 1120651

Ion Ratio Lower Upper

105 100

120 25.0 20.1 30.1

77 16.3 13.2 19.8



#61

1,2,3-Trichloropropane

Concen: 9.750 ug/L

RT: 10.814 min Scan# 2962

Delta R.T. -0.003 min

Lab File: VU056724.D

Acq: 11 Dec 2023 11:29

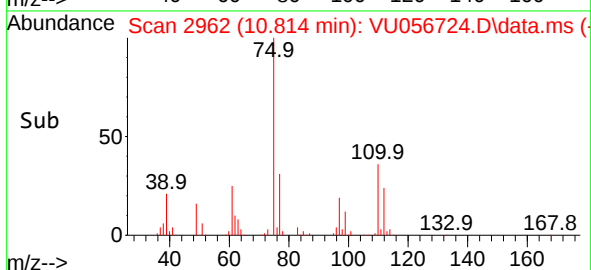
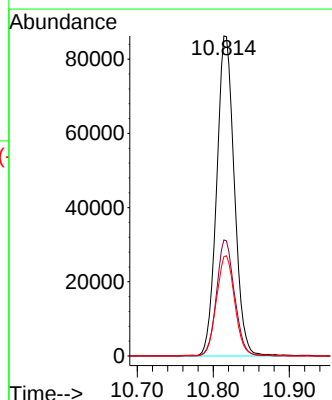
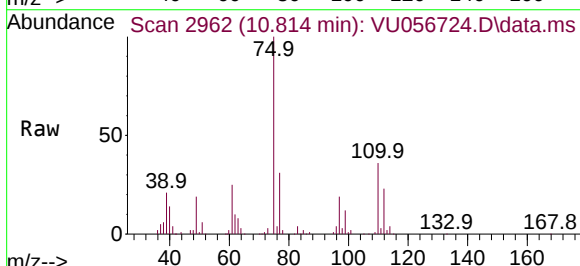
Tgt Ion: 75 Resp: 139102

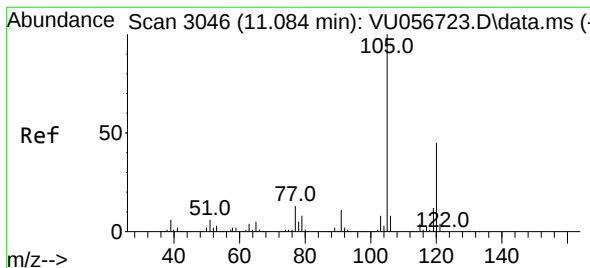
Ion Ratio Lower Upper

75 100

110 36.6 28.4 42.6

77 31.9 26.3 39.5





#62

1,3,5-Trimethylbenzene

Concen: 10.839 ug/L

RT: 11.084 min Scan# 3046

Delta R.T. 0.000 min

Lab File: VU056724.D

Acq: 11 Dec 2023 11:29

Instrument :

MSVOA_U

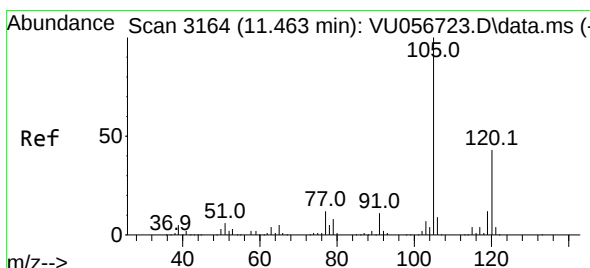
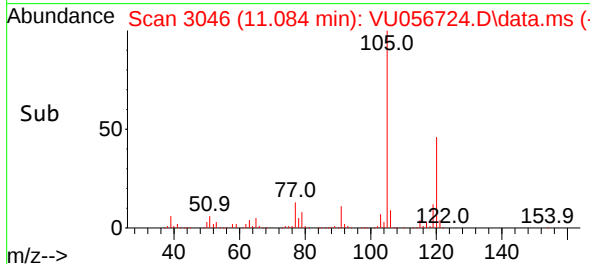
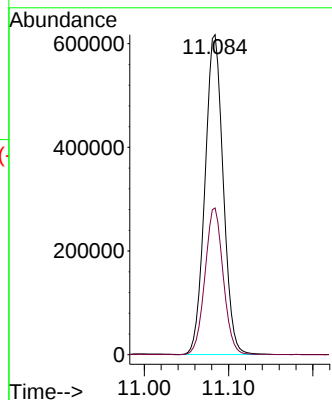
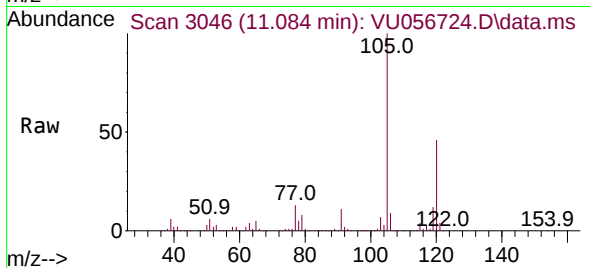
ClientSampleId :

Tgt Ion:105 Resp: 929943

Ion Ratio Lower Upper

105 100

120 46.1 36.8 55.2



#63

1,2,4-Trimethylbenzene

Concen: 10.981 ug/L

RT: 11.463 min Scan# 3164

Delta R.T. 0.000 min

Lab File: VU056724.D

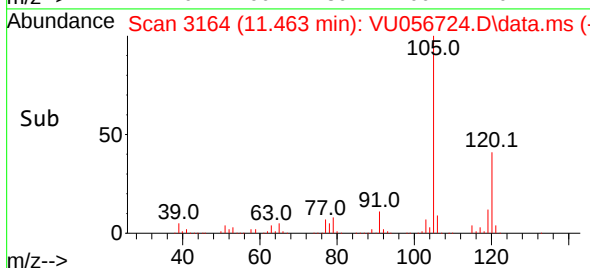
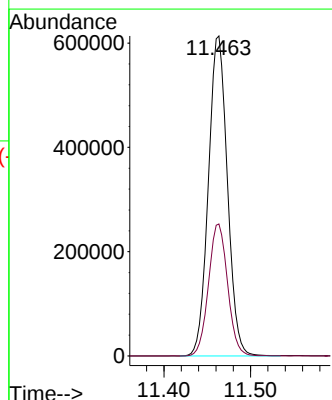
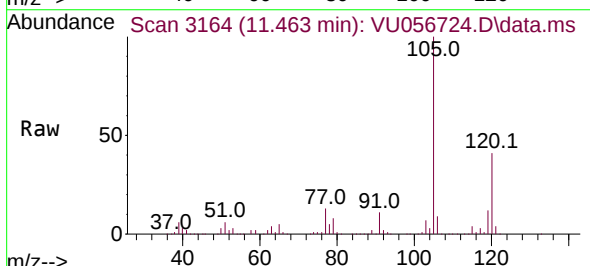
Acq: 11 Dec 2023 11:29

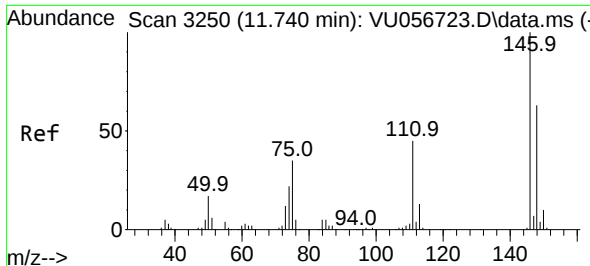
Tgt Ion:105 Resp: 935720

Ion Ratio Lower Upper

105 100

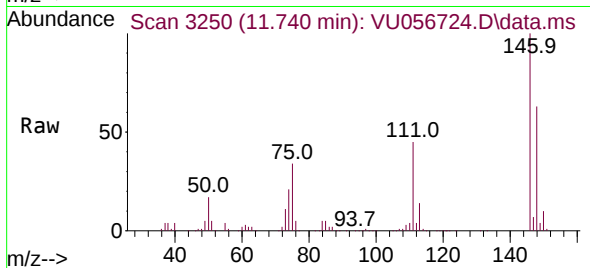
120 41.5 34.2 51.4



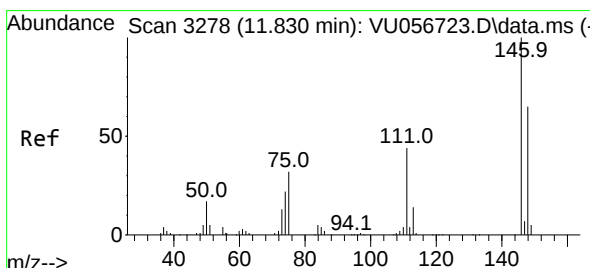
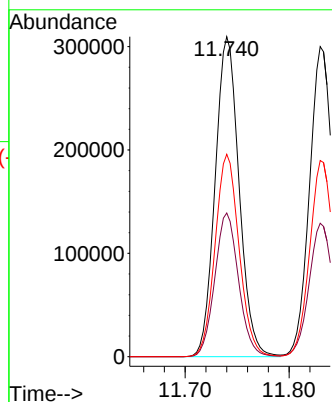
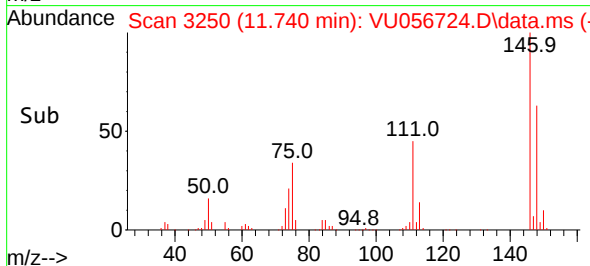


#64
1,3-Dichlorobenzene
Concen: 9.974 ug/L
RT: 11.740 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU056724.D
Acq: 11 Dec 2023 11:29

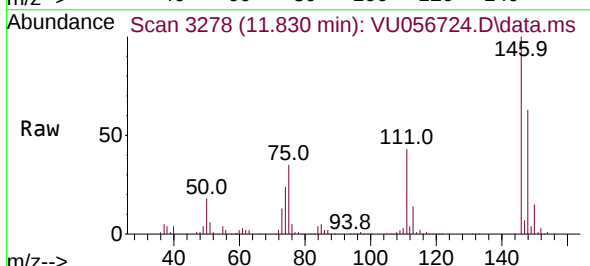
Instrument :
MSVOA_U
ClientSampleId :



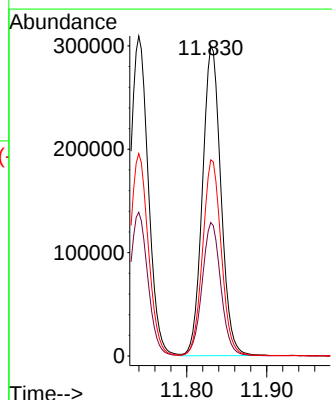
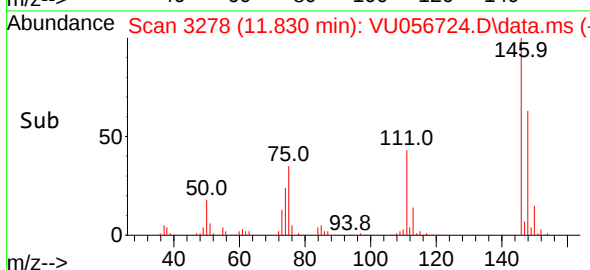
Tgt Ion:146 Resp: 495299
Ion Ratio Lower Upper
146 100
111 44.9 31.7 58.9
148 63.2 44.3 82.3

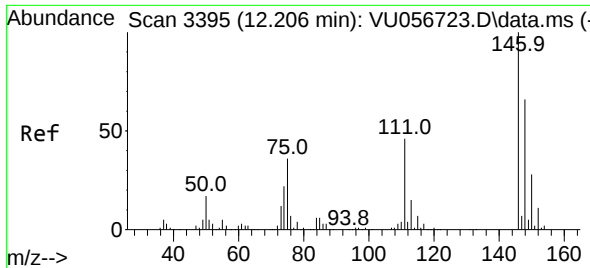


#65
1,4-Dichlorobenzene
Concen: 9.867 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. 0.000 min
Lab File: VU056724.D
Acq: 11 Dec 2023 11:29



Tgt Ion:146 Resp: 482466
Ion Ratio Lower Upper
146 100
111 43.1 31.2 58.0
148 63.3 45.6 84.8

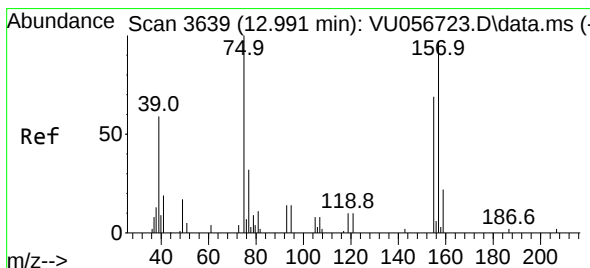
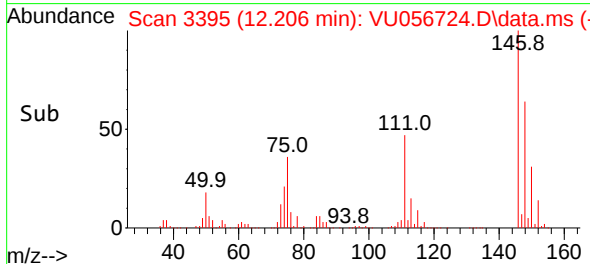
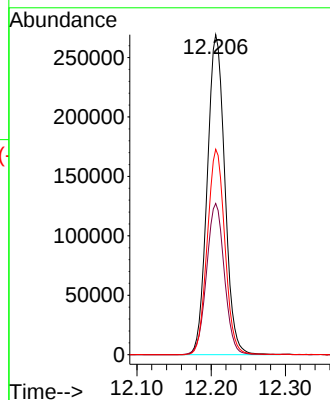
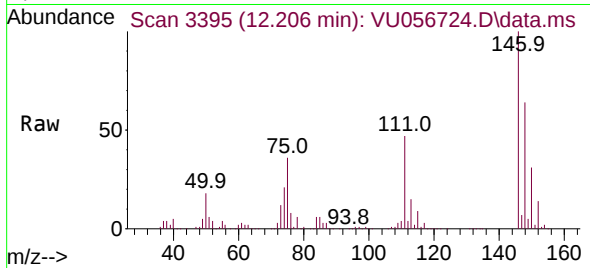




#67
1,2-Dichlorobenzene
Concen: 9.777 ug/L
RT: 12.206 min Scan# 3395
Delta R.T. 0.000 min
Lab File: VU056724.D
Acq: 11 Dec 2023 11:29

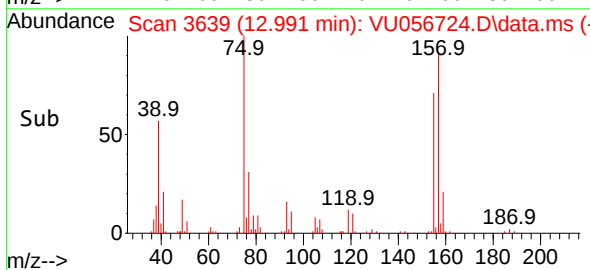
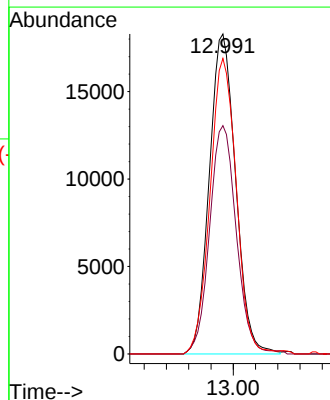
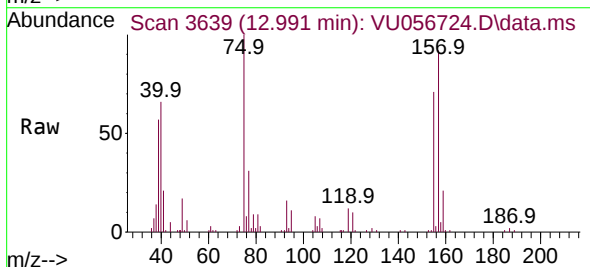
Instrument :
MSVOA_U
ClientSampleId :

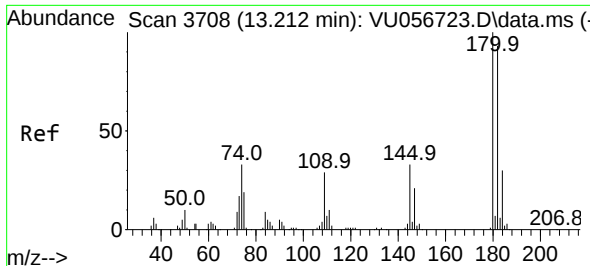
Tgt Ion:146 Resp: 442294
Ion Ratio Lower Upper
146 100
111 47.2 36.9 55.3
148 64.2 53.0 79.4



#68
1,2-Dibromo-3-chloropropane
Concen: 10.542 ug/L
RT: 12.991 min Scan# 3639
Delta R.T. 0.000 min
Lab File: VU056724.D
Acq: 11 Dec 2023 11:29

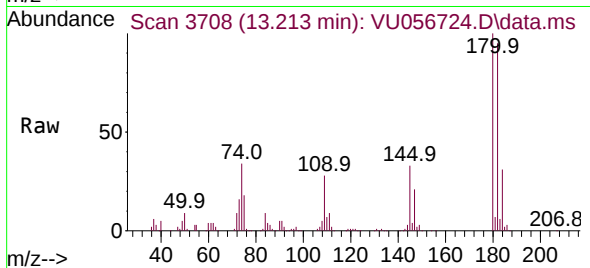
Tgt Ion: 75 Resp: 30027
Ion Ratio Lower Upper
75 100
155 71.4 55.4 83.2
157 92.3 77.3 115.9



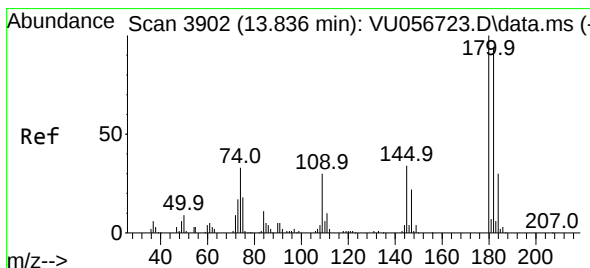
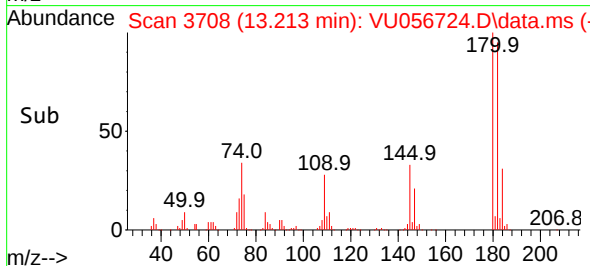
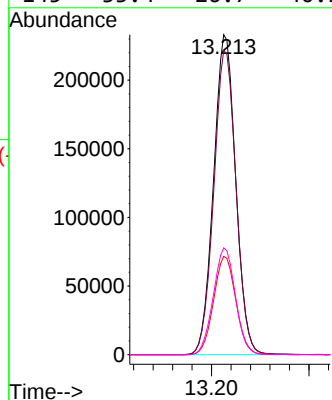


#69
 1,3,5-Trichlorobenzene
 Concen: 9.785 ug/L
 RT: 13.213 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU056724.D
 Acq: 11 Dec 2023 11:29

Instrument :
 MSVOA_U
 ClientSampleId :

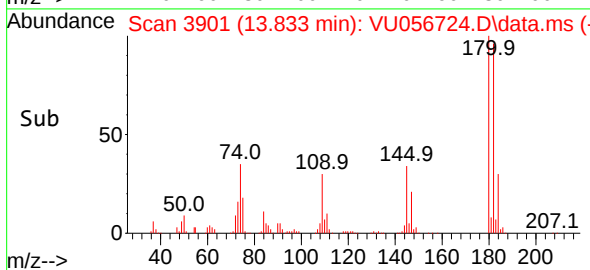
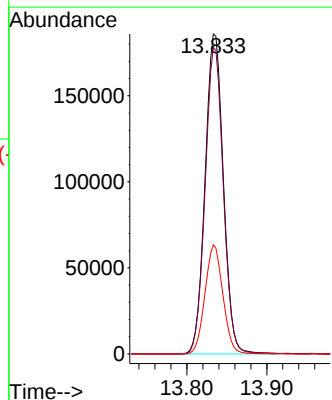
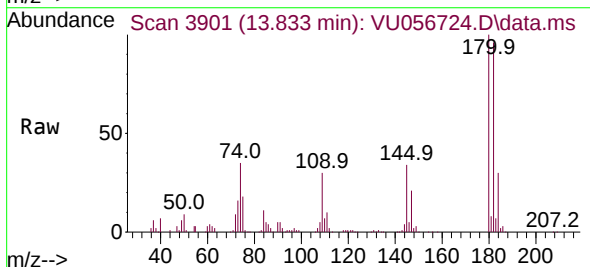


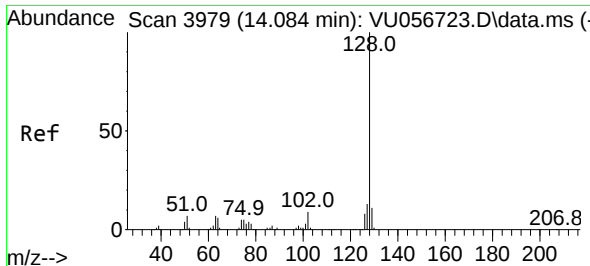
Tgt Ion:180 Resp: 367135
 Ion Ratio Lower Upper
 180 100
 182 95.8 76.2 114.4
 184 31.0 24.6 37.0
 145 33.4 26.7 40.1



#70
 1,2,4-trichlorobenzene
 Concen: 9.974 ug/L
 RT: 13.833 min Scan# 3901
 Delta R.T. -0.003 min
 Lab File: VU056724.D
 Acq: 11 Dec 2023 11:29

Tgt Ion:180 Resp: 296370
 Ion Ratio Lower Upper
 180 100
 182 95.0 74.3 111.5
 145 33.4 26.7 40.1

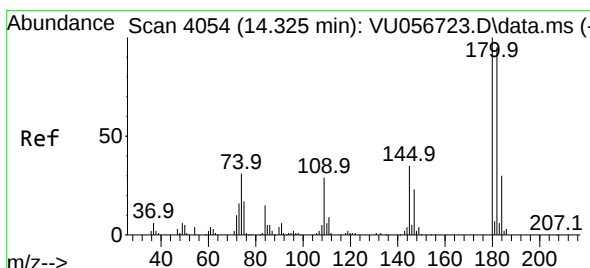
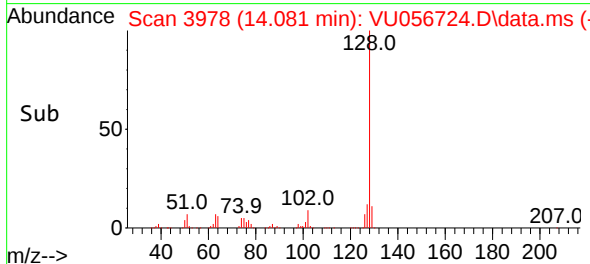
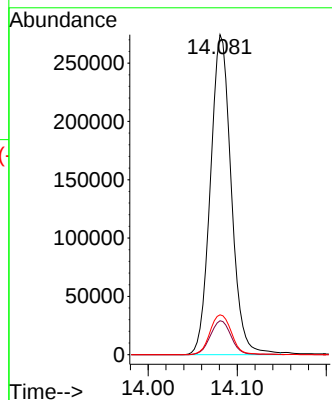
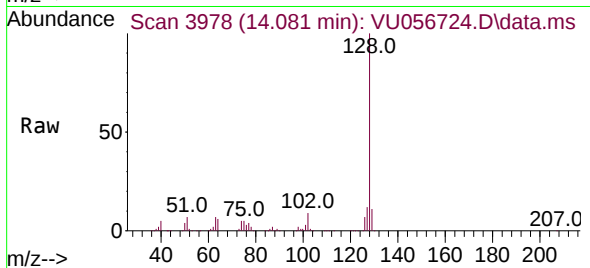




#71
Naphthalene
Concen: 10.228 ug/L
RT: 14.081 min Scan# 3979
Delta R.T. -0.003 min
Lab File: VU056724.D
Acq: 11 Dec 2023 11:29

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 444756
Ion Ratio Lower Upper
128 100
129 10.6 8.6 12.8
127 13.0 10.2 15.2



#72
1,2,3-Trichlorobenzene
Concen: 9.902 ug/L
RT: 14.325 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VU056724.D
Acq: 11 Dec 2023 11:29

Tgt Ion:180 Resp: 249793
Ion Ratio Lower Upper
180 100
182 95.3 75.0 112.6
145 35.3 28.6 42.8

