

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090123\
 Data File : VU055037.D
 Acq On : 01 Sep 2023 13:18
 Operator : MD/SY
 Sample : VSTD00150
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 01 23:22:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 01 23:21:24 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	197258	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	193772	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	104199	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	9524	1.400	ug/L	0.00
7) Chloroethane-d5	1.907	69	10741	1.247	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.563	65	5077	1.313	ug/L	0.00
20) 2-Butanone-d5	4.640	46	23485	7.202	ug/L	0.01
24) Chloroform-d	5.058	84	22938	0.978	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.698	65	11642	0.944	ug/L	0.00
32) Benzene-d6	5.727	84	46824	1.045	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.689	67	15166	0.992	ug/L	0.00
41) Toluene-d8	7.898	98	41100	0.966	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.184	79	3678	0.750	ug/L	0.00
46) 2-Hexanone-d5	8.637	63	14112	6.171	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.756	84	9724	0.762	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.193	152	14141	0.864	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	9847	0.806	ug/L	95
3) Chloromethane	1.515	50	10407	0.820	ug/L	93
5) Vinyl chloride	1.599	62	11100	0.850	ug/L	96
6) Bromomethane	1.853	94	6359	0.781	ug/L	94
8) Chloroethane	1.930	64	6573	0.762	ug/L	97
9) Trichlorofluoromethane	2.132	101	16597	0.887	ug/L	94
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	9307	0.902	ug/L	98
12) 1,1-Dichloroethene	2.576	96	8221	0.914	ug/L	92
13) Acetone	2.631	43	16547	8.982	ug/L	95
14) Carbon disulfide	2.788	76	19453	0.802	ug/L	99
15) Methyl Acetate	2.956	43	3251	0.876	ug/L	97
16) Methylene chloride	3.039	84	14097	0.994	ug/L	98
17) Methyl tert-butyl Ether	3.364	73	20777	0.806	ug/L	# 87
18) trans-1,2-Dichloroethene	3.351	96	8439	0.868	ug/L	85
19) 1,1-Dichloroethane	3.866	63	18254	0.893	ug/L	90
21) 2-Butanone	4.721	43	20954	7.453	ug/L	87
22) cis-1,2-Dichloroethene	4.666	96	9850	0.859	ug/L	86
23) Bromochloromethane	4.975	128	4136	0.829	ug/L	87
25) Chloroform	5.084	83	18702	0.837	ug/L	90
27) 1,2-Dichloroethane	5.795	62	11163	0.818	ug/L	# 76
29) 1,1,1-Trichloroethane	5.309	97	15324	0.807	ug/L	99
30) Cyclohexane	5.383	56	12701	0.762	ug/L	98
31) Carbon tetrachloride	5.525	117	11829	0.734	ug/L	96
33) Benzene	5.775	78	36599	0.808	ug/L	100
34) Trichloroethene	6.544	95	10262	0.823	ug/L	95
35) Methylcyclohexane	6.759	83	14503	0.791	ug/L	99
37) 1,2-Dichloropropane	6.788	63	10208	0.808	ug/L	# 95
38) Bromodichloromethane	7.107	83	11654	0.752	ug/L	96
39) cis-1,3-Dichloropropene	7.611	75	11657	0.651	ug/L	96
40) 4-Methyl-2-pentanone	7.791	43	52642	7.495	ug/L	99
42) Toluene	7.968	91	37276	0.749	ug/L	93
44) trans-1,3-Dichloropropene	8.213	75	9389	0.638	ug/L	99

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Instrument :
 MSVOA_U
 ClientSampleId :

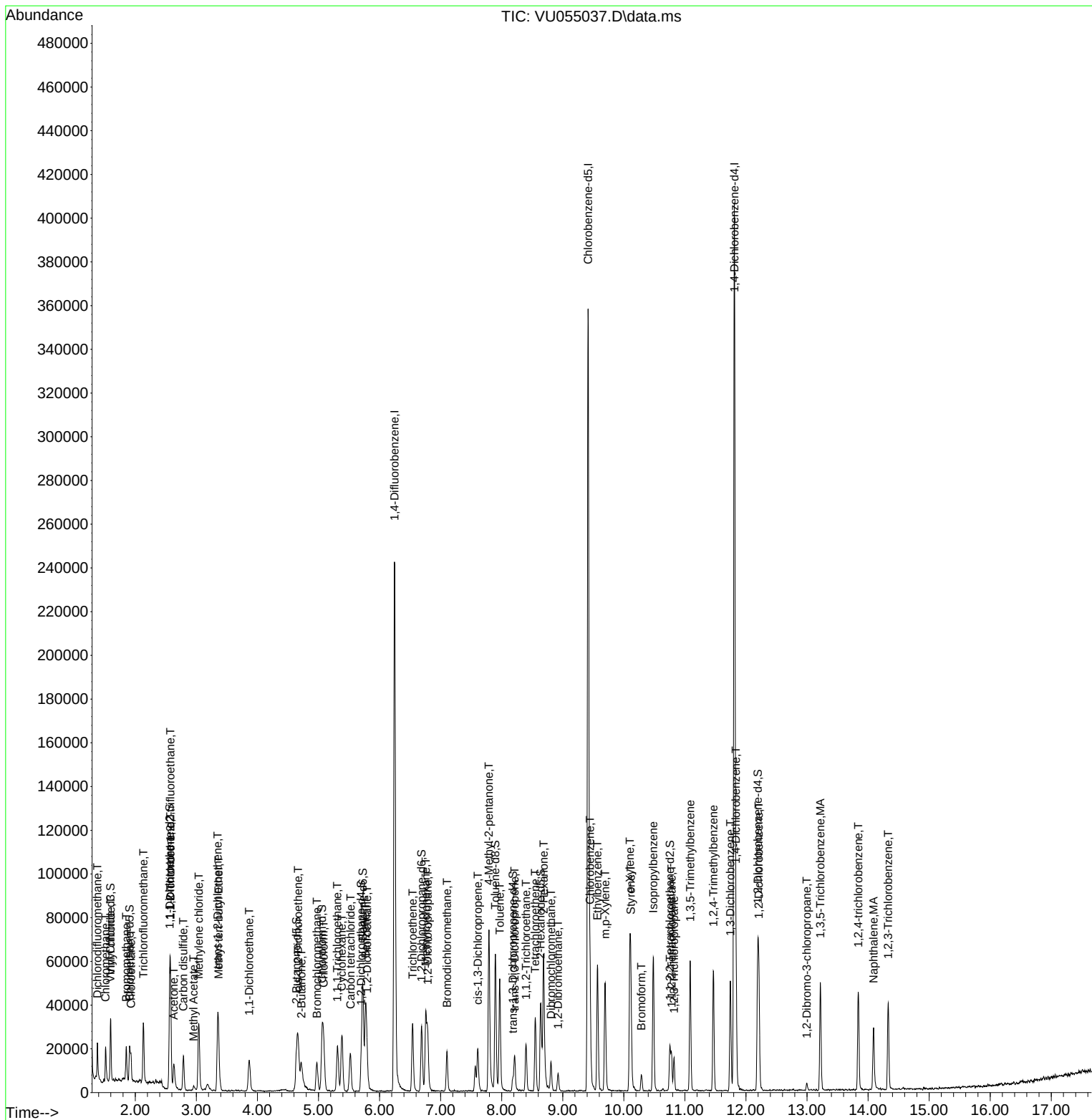
Quant Time: Sep 01 23:22:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 01 23:21:24 2023
 Response via : Initial Calibration

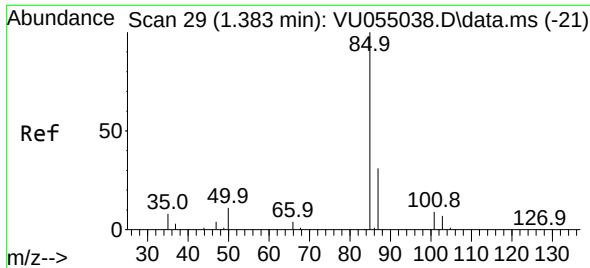
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	8.399	97	6417	0.763	ug/L	94
47) Tetrachloroethene	8.550	164	7408	0.829	ug/L	95
48) 2-Hexanone	8.688	43	39236	7.511	ug/L	95
49) Dibromochloromethane	8.811	129	7010	0.716	ug/L	86
50) 1,2-Dibromoethane	8.923	107	5320	0.656	ug/L #	93
51) Chlorobenzene	9.447	112	25634	0.788	ug/L	97
52) Ethylbenzene	9.569	91	41137	0.735	ug/L	98
53) m,p-Xylene	9.695	106	14217	0.678	ug/L	97
54) o-Xylene	10.100	106	15248	0.755	ug/L	99
55) Styrene	10.116	104	22565	0.680	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.782	83	7957	0.752	ug/L	91
59) Bromoform	10.286	173	3249	0.646	ug/L #	93
60) Isopropylbenzene	10.483	105	40887	0.752	ug/L	99
61) 1,2,3-Trichloropropane	10.823	75	5906	0.771	ug/L	95
62) 1,3,5-Trimethylbenzene	11.090	105	32395	0.698	ug/L	96
63) 1,2,4-Trimethylbenzene	11.467	105	30552	0.711	ug/L	100
64) 1,3-Dichlorobenzene	11.746	146	19908	0.783	ug/L	99
65) 1,4-Dichlorobenzene	11.836	146	19377	0.764	ug/L	96
67) 1,2-Dichlorobenzene	12.212	146	19295	0.836	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.997	75	1098	0.752	ug/L #	72
69) 1,3,5-Trichlorobenzene	13.219	180	15309	0.896	ug/L	98
70) 1,2,4-trichlorobenzene	13.839	180	13827	1.025	ug/L	98
71) Naphthalene	14.090	128	25443	1.240	ug/L	98
72) 1,2,3-Trichlorobenzene	14.328	180	12098	1.071	ug/L	96

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

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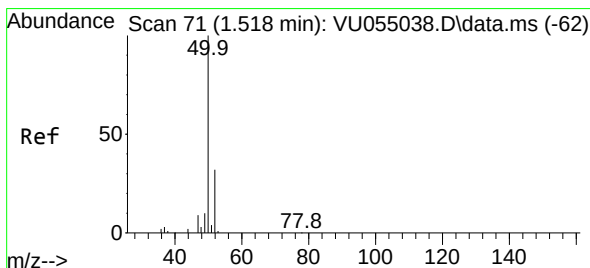
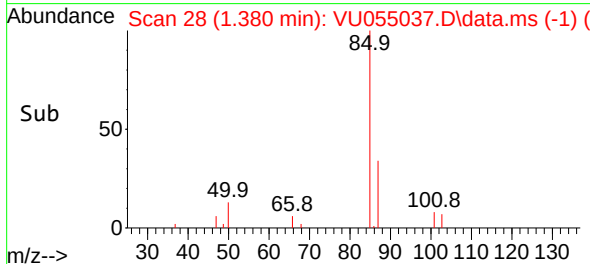
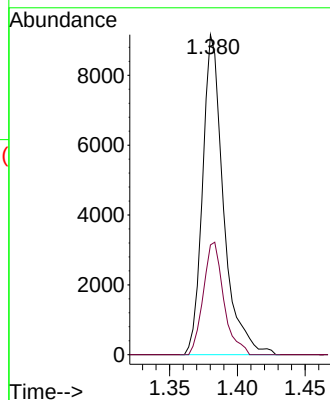
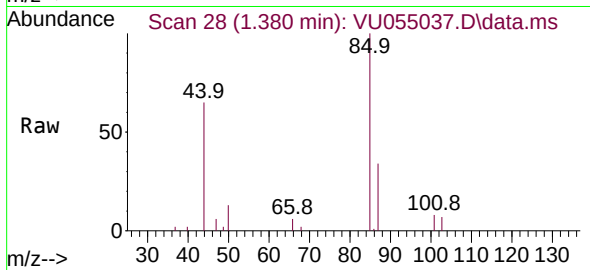




#2
 Dichlorodifluoromethane
 Concen: 0.806 ug/L
 RT: 1.380 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: VU055037.D
 Acq: 01 Sep 2023 13:18

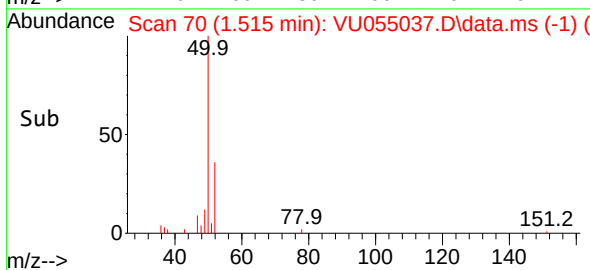
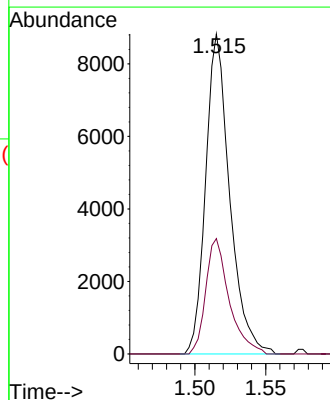
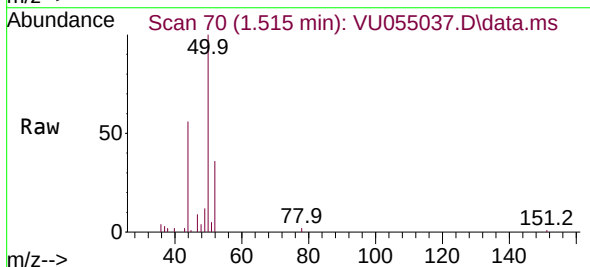
Instrument :
 MSVOA_U
 ClientSampleId :

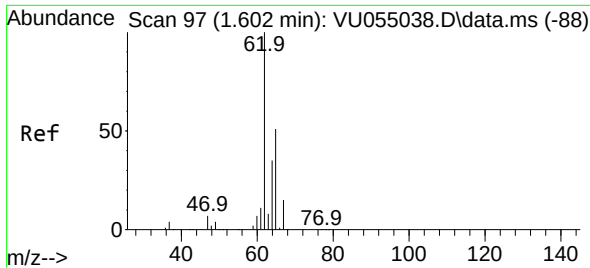
Tgt Ion: 85 Resp: 9847
 Ion Ratio Lower Upper
 85 100
 87 34.4 25.1 37.7



#3
 Chloromethane
 Concen: 0.820 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. -0.003 min
 Lab File: VU055037.D
 Acq: 01 Sep 2023 13:18

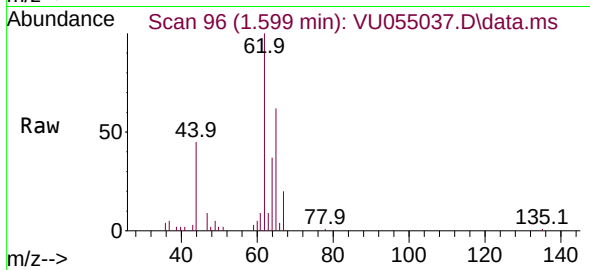
Tgt Ion: 50 Resp: 10407
 Ion Ratio Lower Upper
 50 100
 52 36.1 22.5 41.7



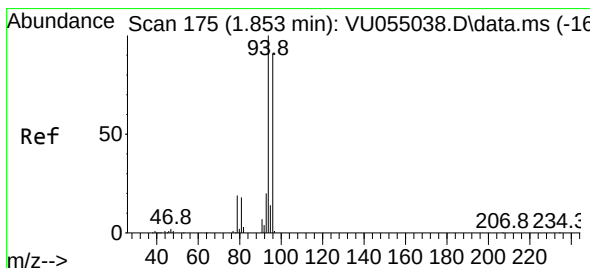
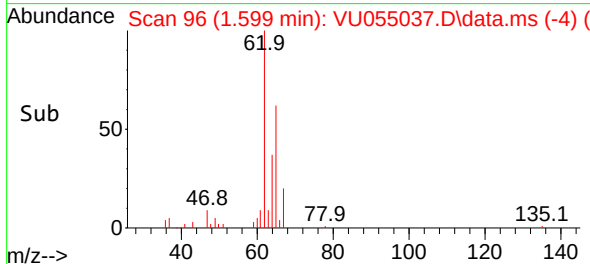
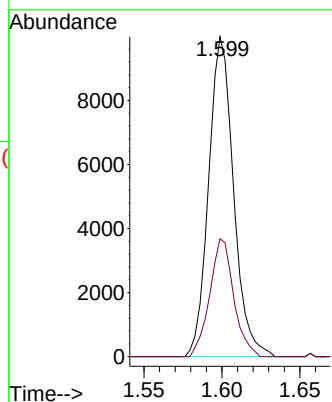


#5
Vinyl chloride
Concen: 0.850 ug/L
RT: 1.599 min Scan# 90
Delta R.T. -0.003 min
Lab File: VU055037.D
Acq: 01 Sep 2023 13:18

Instrument :
MSVOA_U
ClientSampleId :

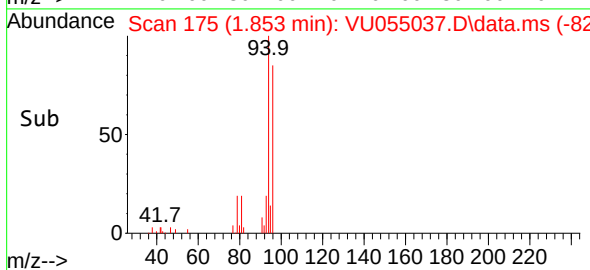
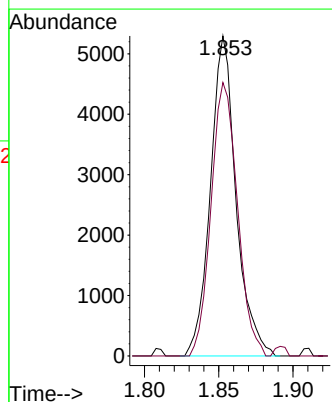
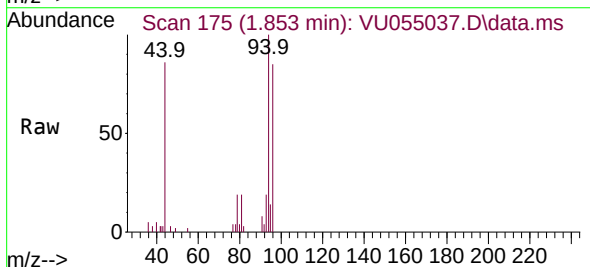


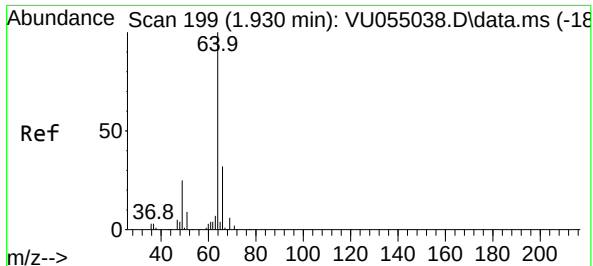
Tgt Ion: 62 Resp: 11100
Ion Ratio Lower Upper
62 100
64 36.9 24.2 45.0



#6
Bromomethane
Concen: 0.781 ug/L
RT: 1.853 min Scan# 175
Delta R.T. -0.000 min
Lab File: VU055037.D
Acq: 01 Sep 2023 13:18

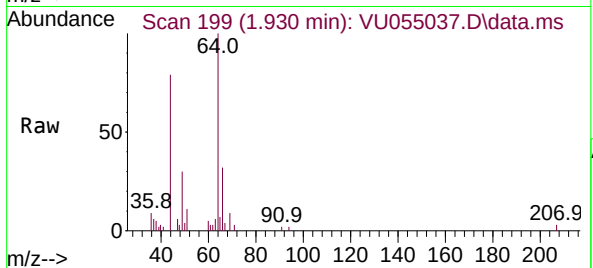
Tgt Ion: 94 Resp: 6359
Ion Ratio Lower Upper
94 100
96 85.4 63.8 118.4



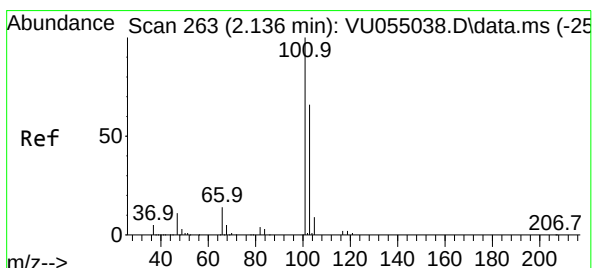
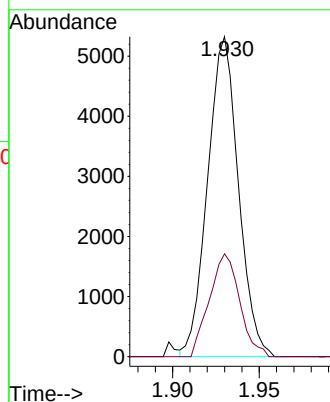
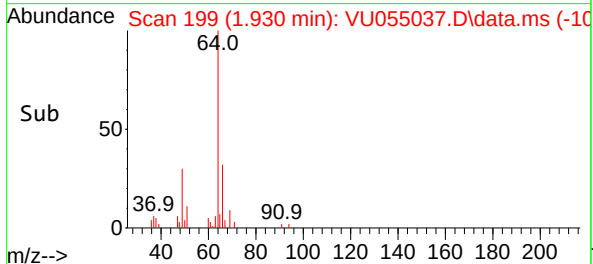


#8
Chloroethane
Concen: 0.762 ug/L
RT: 1.930 min Scan# 199
Delta R.T. -0.000 min
Lab File: VU055037.D
Acq: 01 Sep 2023 13:18

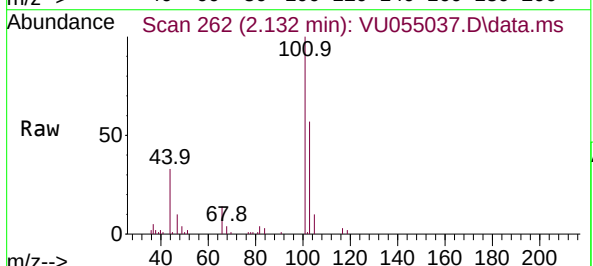
Instrument :
MSVOA_U
ClientSampleId :



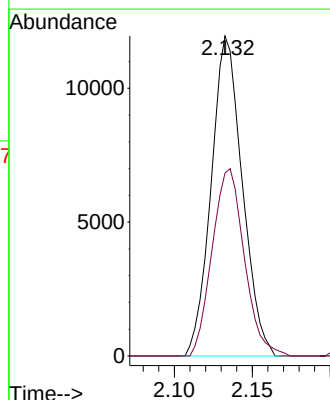
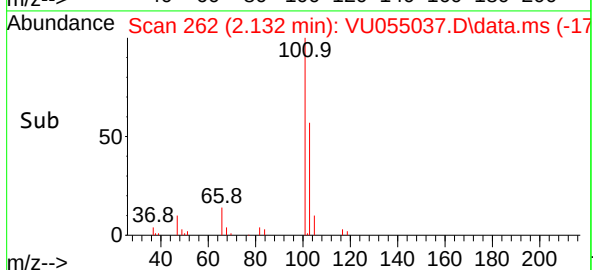
Tgt Ion: 64 Resp: 6573
Ion Ratio Lower Upper
64 100
66 30.1 22.4 41.6

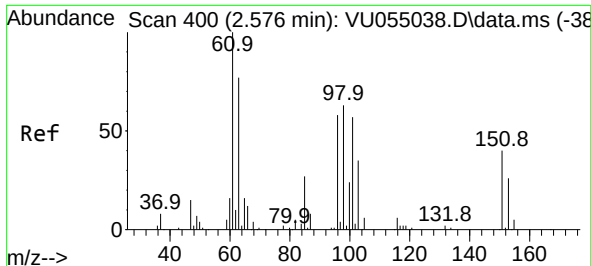


#9
Trichlorofluoromethane
Concen: 0.887 ug/L
RT: 2.132 min Scan# 262
Delta R.T. -0.003 min
Lab File: VU055037.D
Acq: 01 Sep 2023 13:18



Tgt Ion: 101 Resp: 16597
Ion Ratio Lower Upper
101 100
103 60.5 51.9 77.9

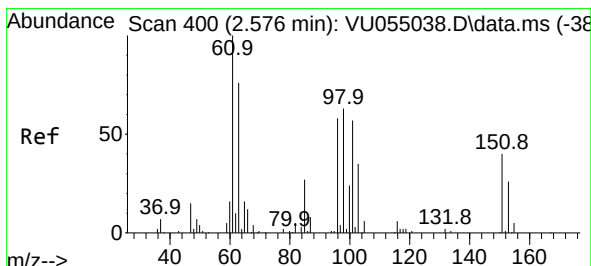
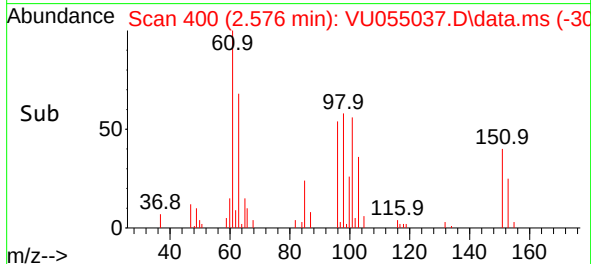
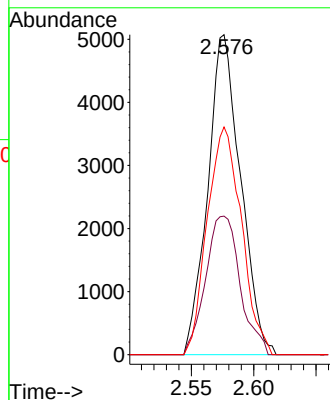
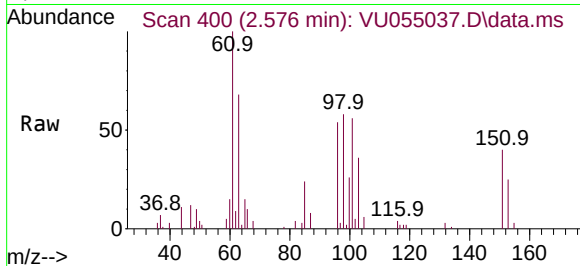




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.902 ug/L
RT: 2.576 min Scan# 400
Delta R.T. -0.000 min
Lab File: VU055037.D
Acq: 01 Sep 2023 13:18

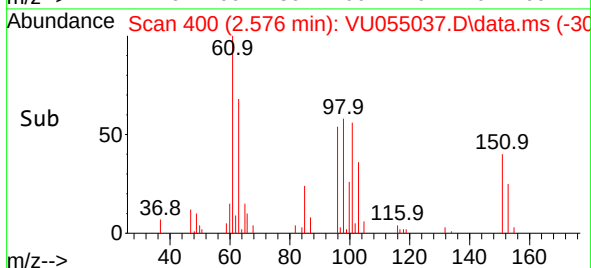
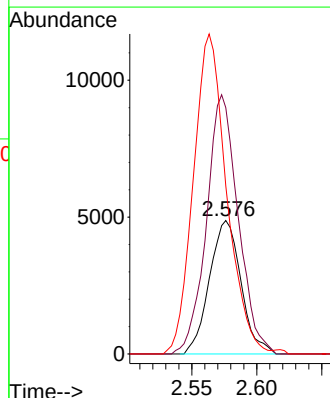
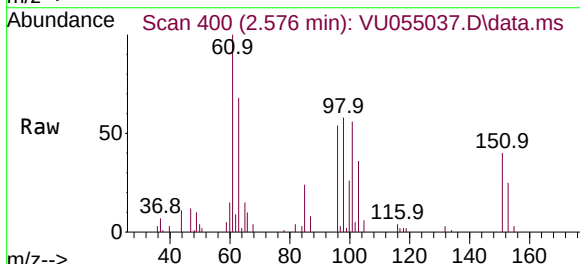
Instrument :
MSVOA_U
ClientSampleId :

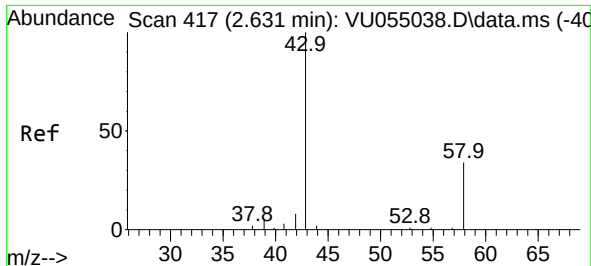
Tgt Ion:101 Resp: 9307
Ion Ratio Lower Upper
101 100
85 45.4 37.3 55.9
151 74.2 57.6 86.4



#12
1,1-Dichloroethene
Concen: 0.914 ug/L
RT: 2.576 min Scan# 400
Delta R.T. -0.000 min
Lab File: VU055037.D
Acq: 01 Sep 2023 13:18

Tgt Ion: 96 Resp: 8221
Ion Ratio Lower Upper
96 100
61 184.6 120.8 224.4
63 125.9 94.5 175.5





#13

Acetone

Concen: 8.982 ug/L

RT: 2.631 min Scan# 417

Delta R.T. -0.000 min

Lab File: VU055037.D

Acq: 01 Sep 2023 13:18

Instrument :

MSVOA_U

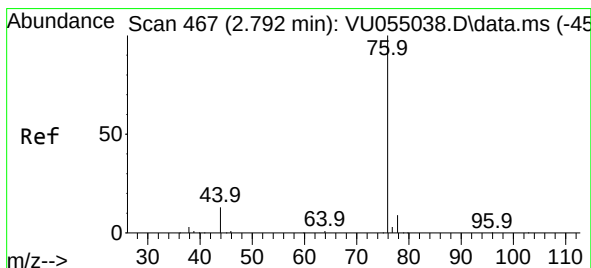
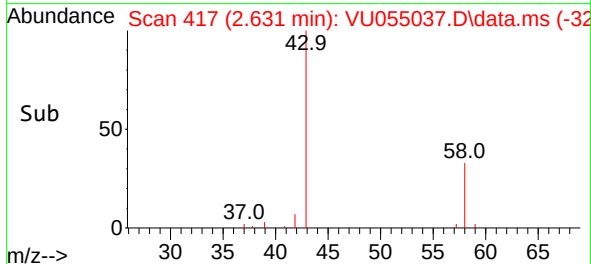
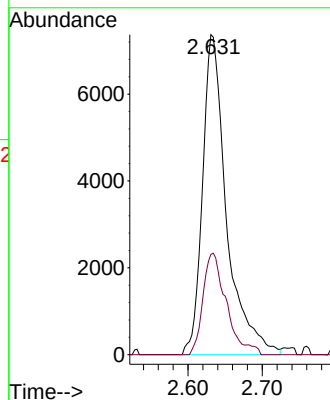
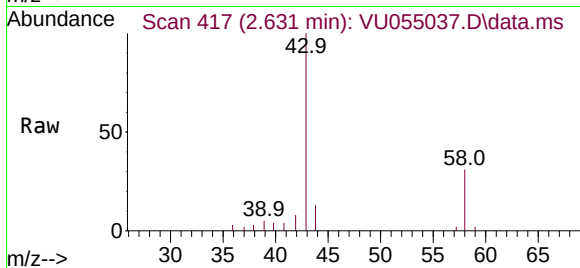
ClientSampleId :

Tgt Ion: 43 Resp: 16547

Ion Ratio Lower Upper

43 100

58 30.8 0.0 67.8



#14

Carbon disulfide

Concen: 0.802 ug/L

RT: 2.788 min Scan# 466

Delta R.T. -0.003 min

Lab File: VU055037.D

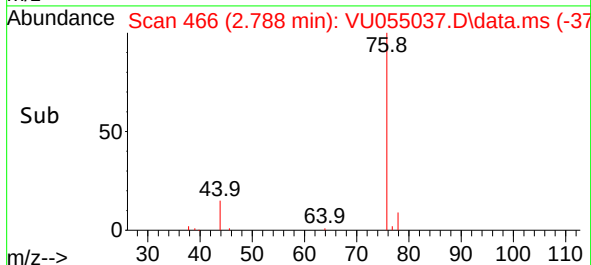
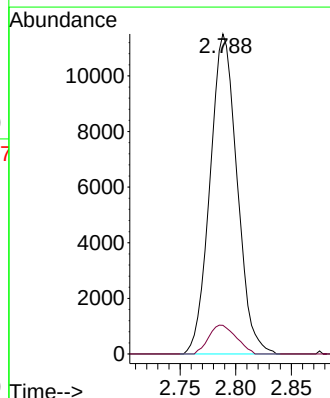
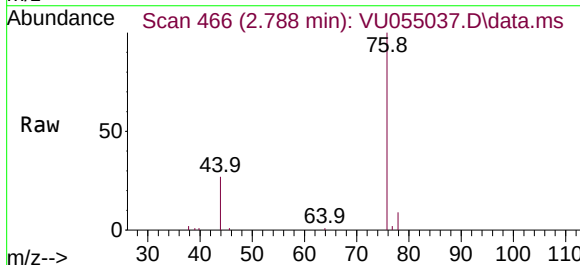
Acq: 01 Sep 2023 13:18

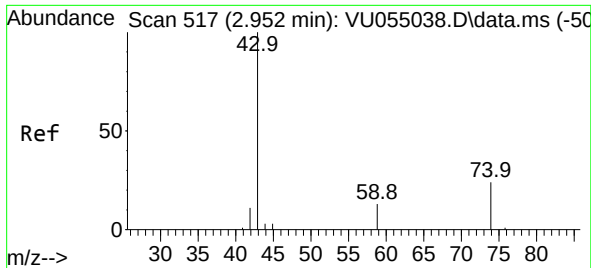
Tgt Ion: 76 Resp: 19453

Ion Ratio Lower Upper

76 100

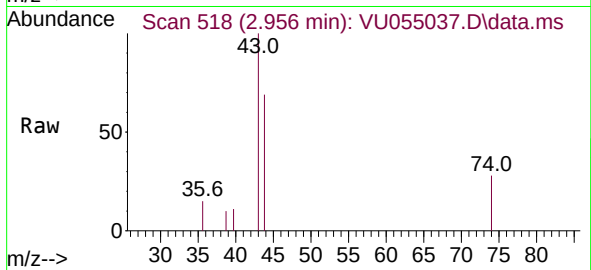
78 9.0 6.8 10.2



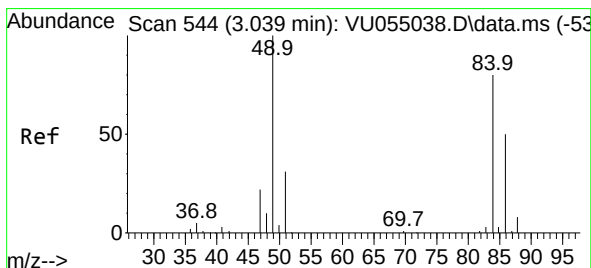
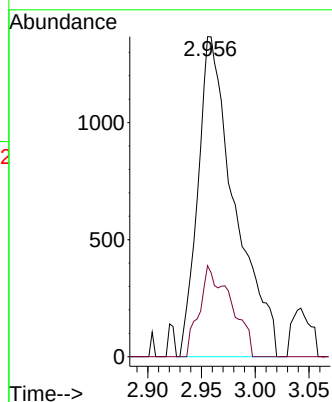
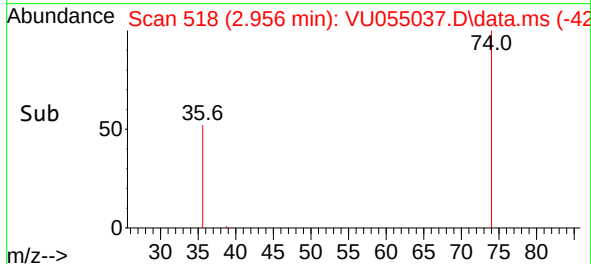


#15
Methyl Acetate
Concen: 0.876 ug/L
RT: 2.956 min Scan# 517
Delta R.T. 0.003 min
Lab File: VU055037.D
Acq: 01 Sep 2023 13:18

Instrument :
MSVOA_U
ClientSampleId :

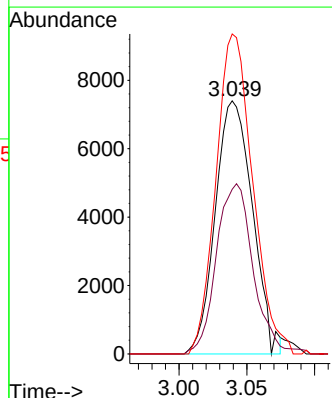
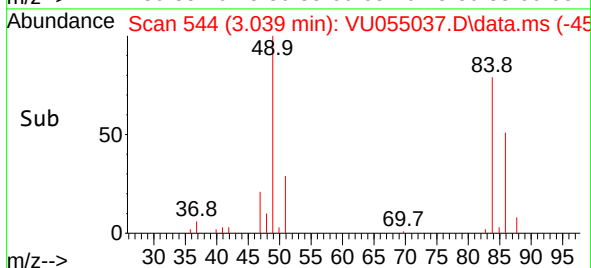
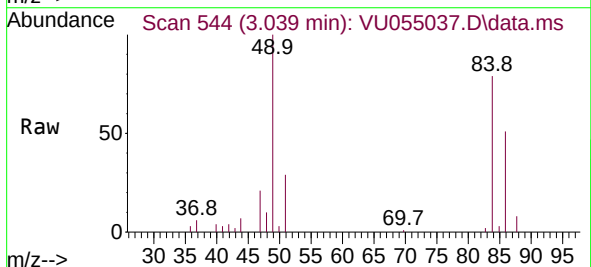


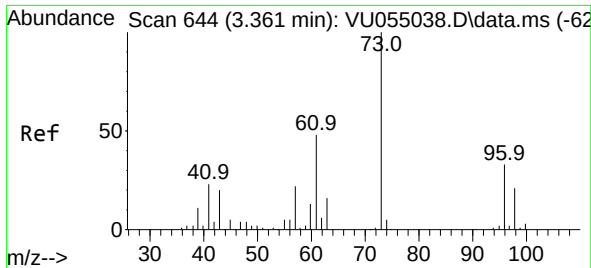
Tgt Ion: 43 Resp: 3251
Ion Ratio Lower Upper
43 100
74 24.4 18.4 27.6



#16
Methylene chloride
Concen: 0.994 ug/L
RT: 3.039 min Scan# 544
Delta R.T. -0.000 min
Lab File: VU055037.D
Acq: 01 Sep 2023 13:18

Tgt Ion: 84 Resp: 14097
Ion Ratio Lower Upper
84 100
86 65.1 43.4 80.6
49 126.5 87.7 162.9

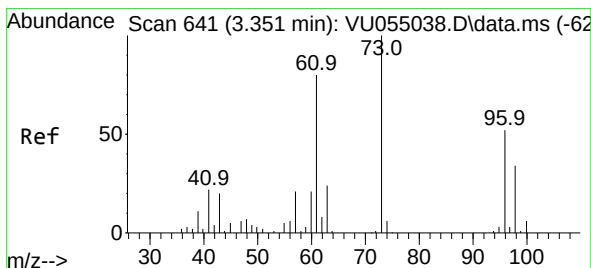
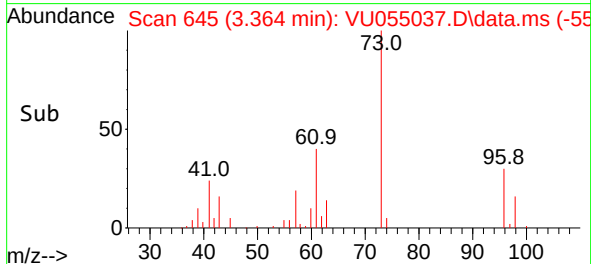
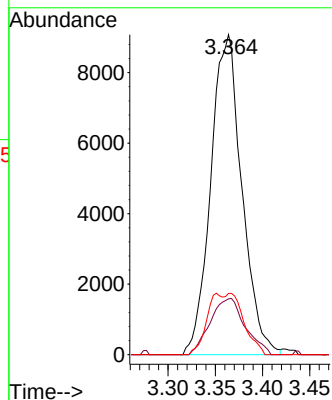
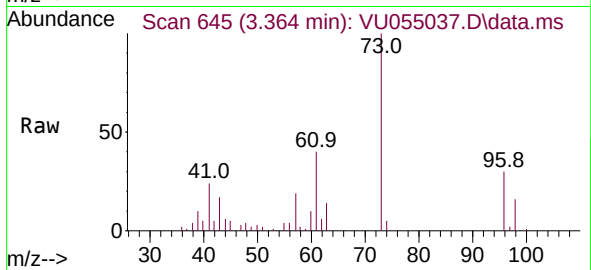




#17
Methyl tert-butyl Ether
Concen: 0.806 ug/L
RT: 3.364 min Scan# 644
Delta R.T. 0.003 min
Lab File: VU055037.D
Acq: 01 Sep 2023 13:18

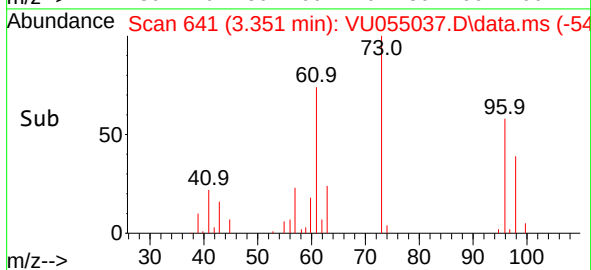
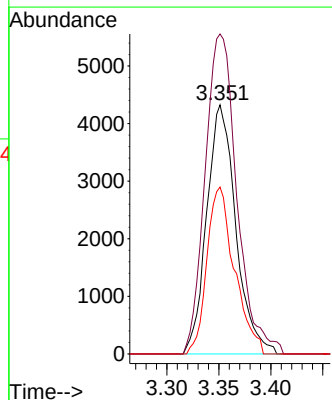
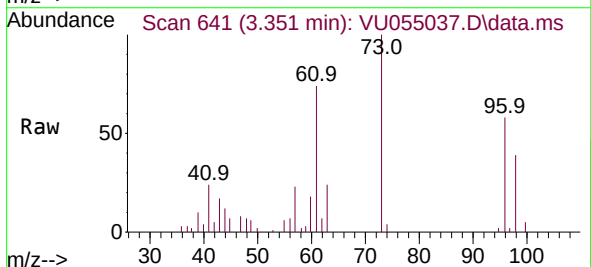
Instrument :
MSVOA_U
ClientSampleId :

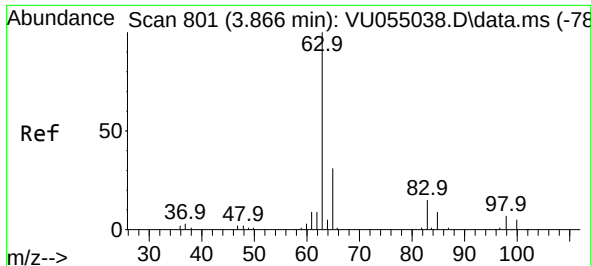
Tgt Ion: 73 Resp: 20777
Ion Ratio Lower Upper
73 100
43 19.7 16.2 24.2
57 10.1 17.4 26.2#



#18
trans-1,2-Dichloroethene
Concen: 0.868 ug/L
RT: 3.351 min Scan# 641
Delta R.T. -0.000 min
Lab File: VU055037.D
Acq: 01 Sep 2023 13:18

Tgt Ion: 96 Resp: 8439
Ion Ratio Lower Upper
96 100
61 128.4 108.1 200.9
98 67.0 45.4 84.4





#19

1,1-Dichloroethane

Concen: 0.893 ug/L

RT: 3.866 min Scan# 801

Delta R.T. -0.000 min

Lab File: VU055037.D

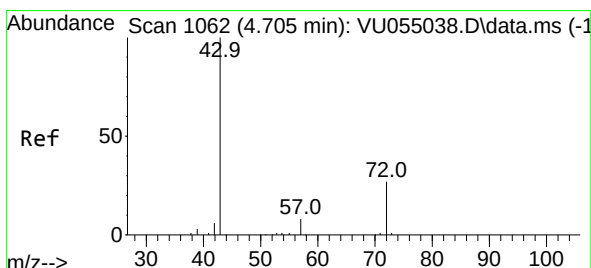
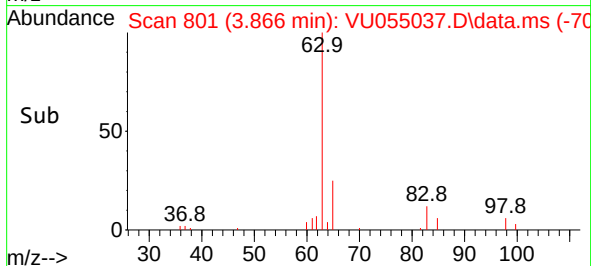
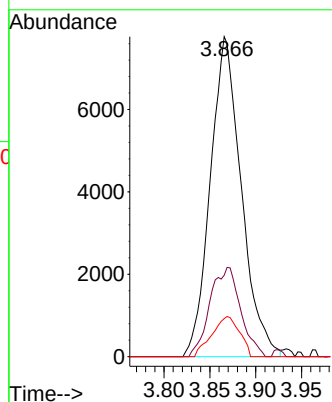
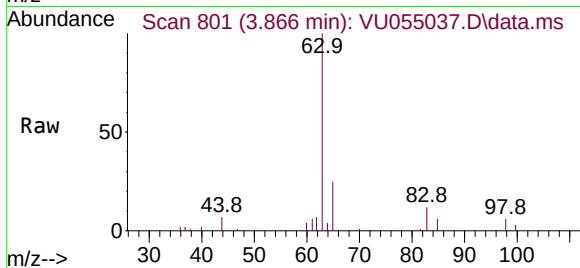
Acq: 01 Sep 2023 13:18

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	63	Resp:	18254
Ion	Ratio	Lower	Upper
63	100		
65	25.5	22.2	41.2
83	11.9	10.6	19.8



#21

2-Butanone

Concen: 7.453 ug/L

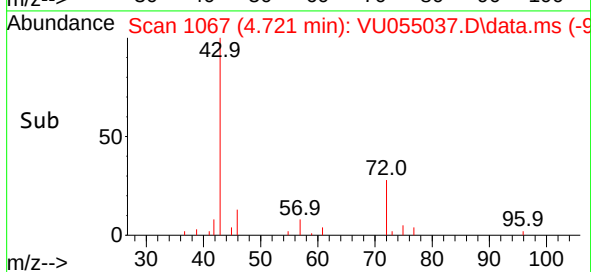
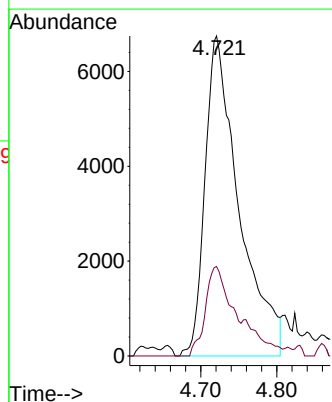
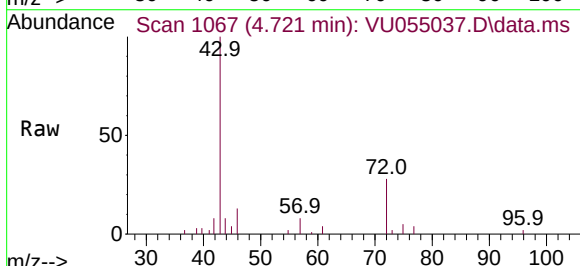
RT: 4.721 min Scan# 1067

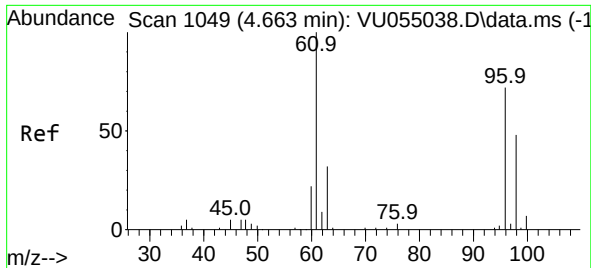
Delta R.T. 0.016 min

Lab File: VU055037.D

Acq: 01 Sep 2023 13:18

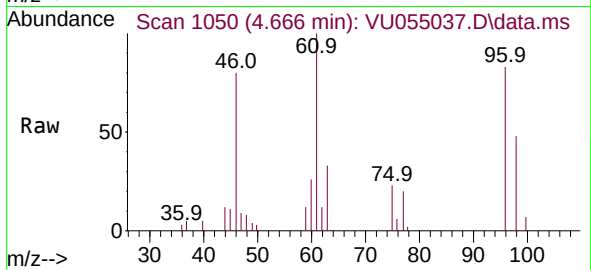
Tgt Ion:	43	Resp:	20954
Ion	Ratio	Lower	Upper
43	100		
72	20.5	13.5	40.5



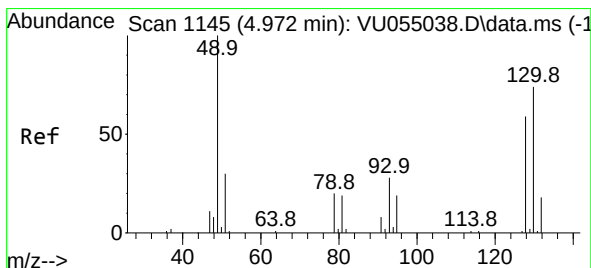
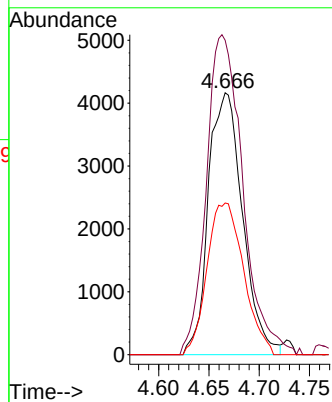
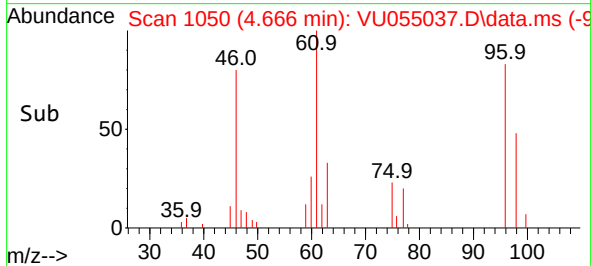


#22
 cis-1,2-Dichloroethene
 Concen: 0.859 ug/L
 RT: 4.666 min Scan# 1050
 Delta R.T. 0.003 min
 Lab File: VU055037.D
 Acq: 01 Sep 2023 13:18

Instrument :
 MSVOA_U
 ClientSampleId :

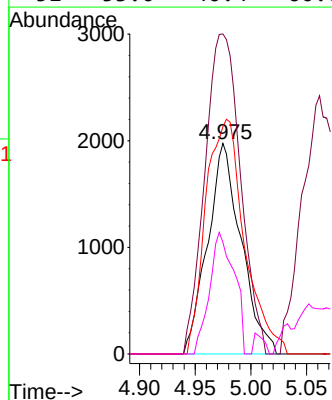
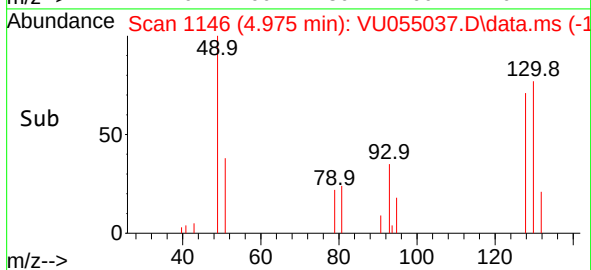
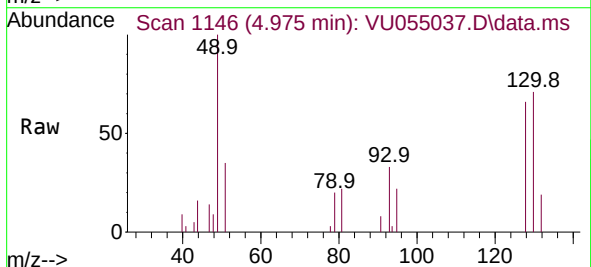


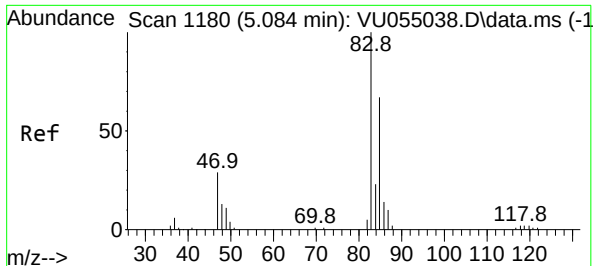
Tgt Ion:	96	Resp:	9850
Ion	Ratio	Lower	Upper
96	100		
61	120.0	97.2	180.4
98	57.9	46.1	85.7



#23
 Bromochloromethane
 Concen: 0.829 ug/L
 RT: 4.975 min Scan# 1146
 Delta R.T. 0.003 min
 Lab File: VU055037.D
 Acq: 01 Sep 2023 13:18

Tgt Ion:	128	Resp:	4136
Ion	Ratio	Lower	Upper
128	100		
49	152.0	118.9	220.9
130	107.9	88.0	163.4
51	53.0	40.4	60.6





#25

Chloroform

Concen: 0.837 ug/L

RT: 5.084 min Scan# 1180

Delta R.T. -0.000 min

Lab File: VU055037.D

Acq: 01 Sep 2023 13:18

Instrument :

MSVOA_U

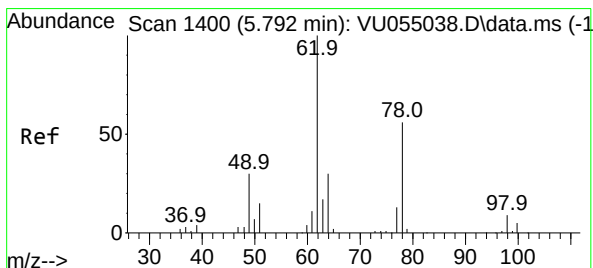
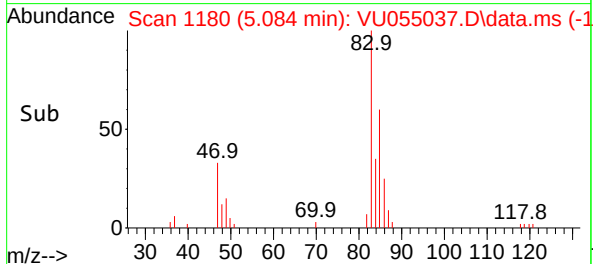
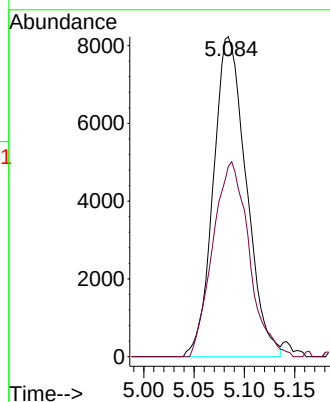
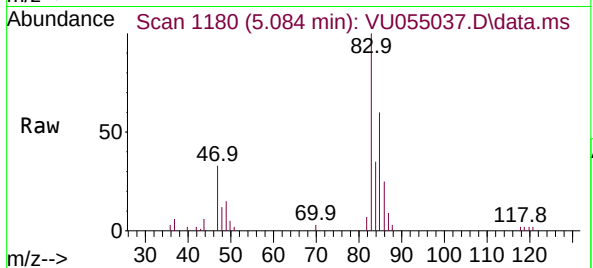
ClientSampleId :

Tgt Ion: 83 Resp: 18702

Ion Ratio Lower Upper

83 100

85 59.5 47.2 87.6



#27

1,2-Dichloroethane

Concen: 0.818 ug/L

RT: 5.795 min Scan# 1401

Delta R.T. 0.003 min

Lab File: VU055037.D

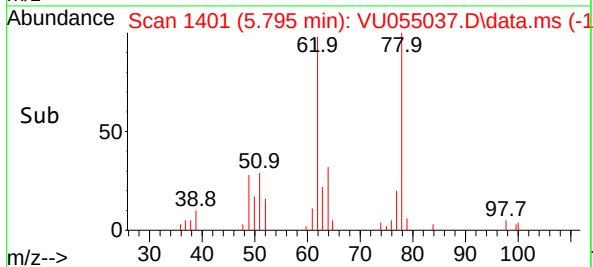
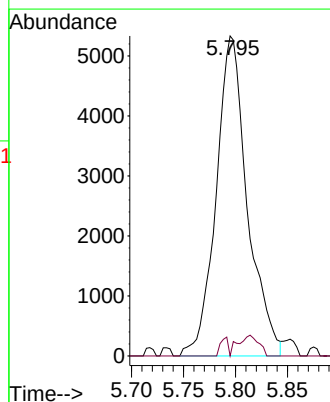
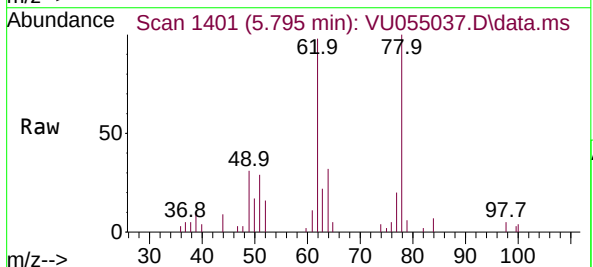
Acq: 01 Sep 2023 13:18

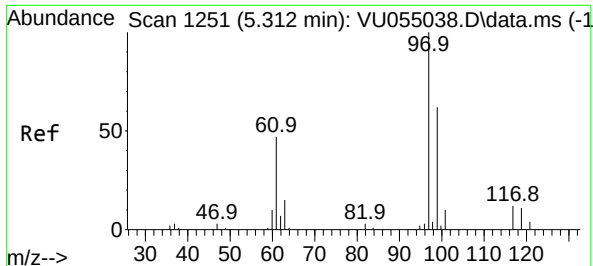
Tgt Ion: 62 Resp: 11163

Ion Ratio Lower Upper

62 100

98 0.0 6.9 10.3#

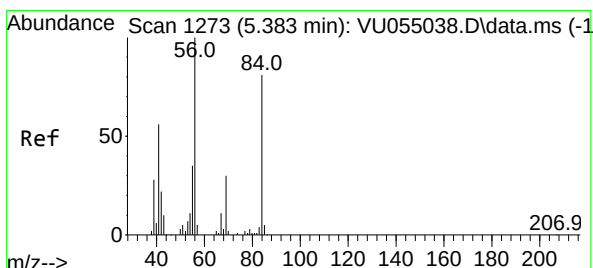
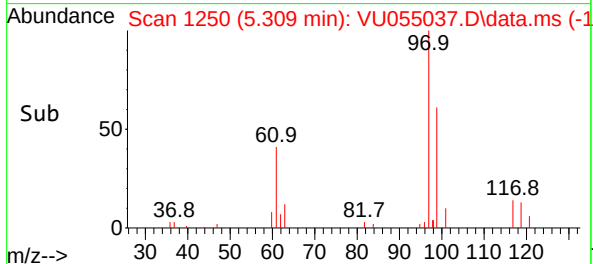
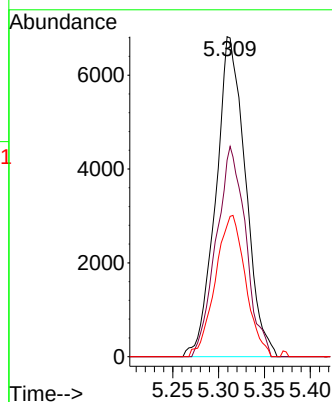
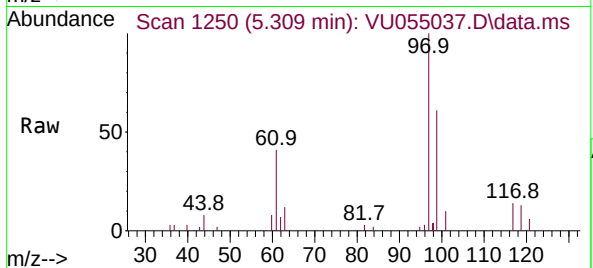




#29
1,1,1-Trichloroethane
Concen: 0.807 ug/L
RT: 5.309 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU055037.D
Acq: 01 Sep 2023 13:18

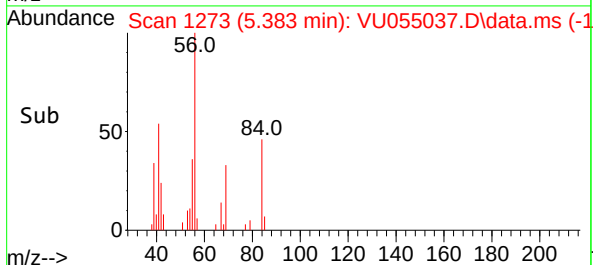
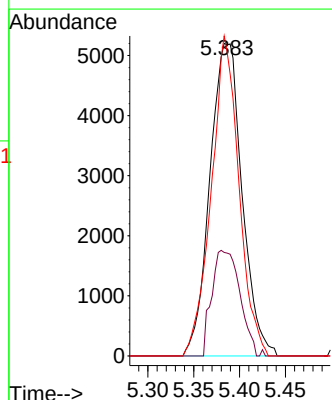
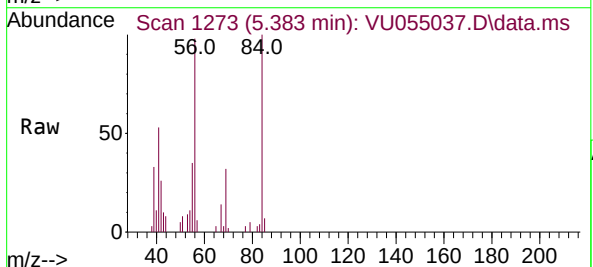
Instrument :
MSVOA_U
ClientSampleId :

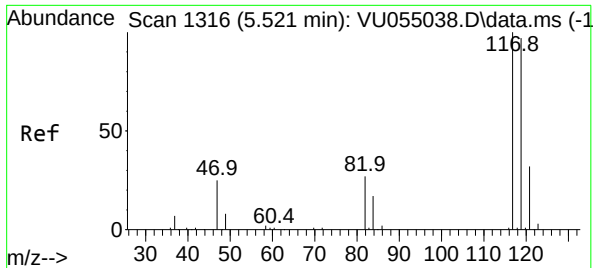
Tgt Ion: 97 Resp: 15324
Ion Ratio Lower Upper
97 100
99 65.5 51.8 77.8
61 45.1 36.8 55.2



#30
Cyclohexane
Concen: 0.762 ug/L
RT: 5.383 min Scan# 1273
Delta R.T. -0.000 min
Lab File: VU055037.D
Acq: 01 Sep 2023 13:18

Tgt Ion: 56 Resp: 12701
Ion Ratio Lower Upper
56 100
69 29.3 24.6 37.0
84 87.8 68.8 103.2

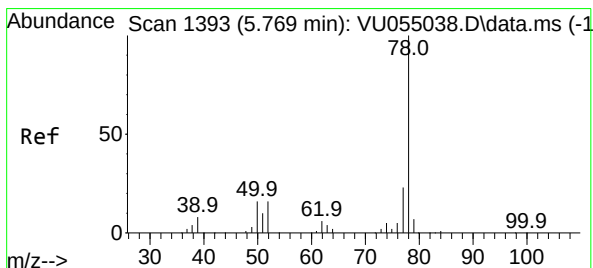
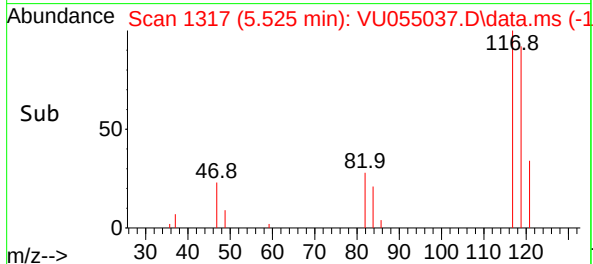
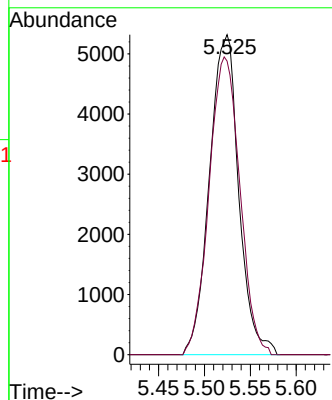
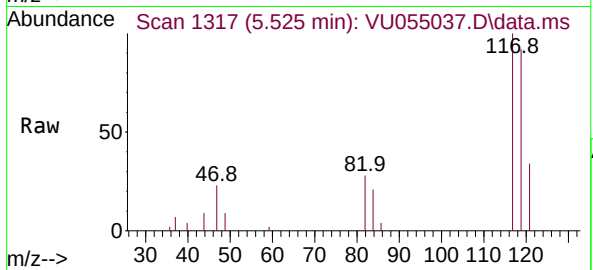




#31
Carbon tetrachloride
Concen: 0.734 ug/L
RT: 5.525 min Scan# 1117
Delta R.T. 0.003 min
Lab File: VU055037.D
Acq: 01 Sep 2023 13:18

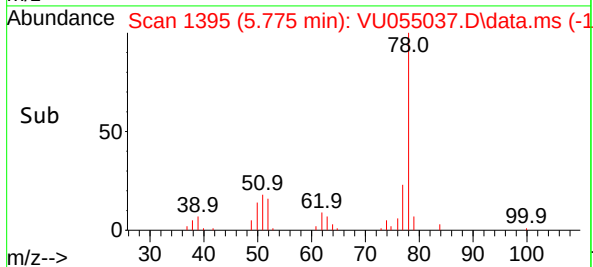
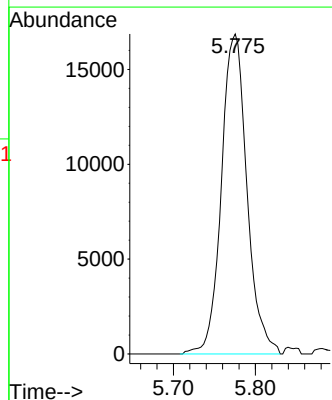
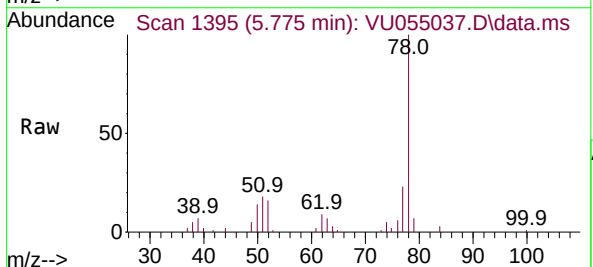
Instrument :
MSVOA_U
ClientSampleId :

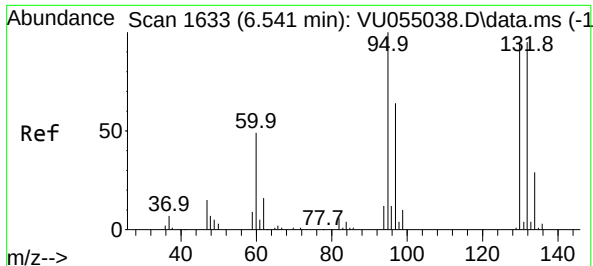
Tgt Ion:117 Resp: 11829
Ion Ratio Lower Upper
117 100
119 97.9 75.4 113.0



#33
Benzene
Concen: 0.808 ug/L
RT: 5.775 min Scan# 1395
Delta R.T. 0.006 min
Lab File: VU055037.D
Acq: 01 Sep 2023 13:18

Tgt Ion: 78 Resp: 36599





#34

Trichloroethene

Concen: 0.823 ug/L

RT: 6.544 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU055037.D

Acq: 01 Sep 2023 13:18

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 10262

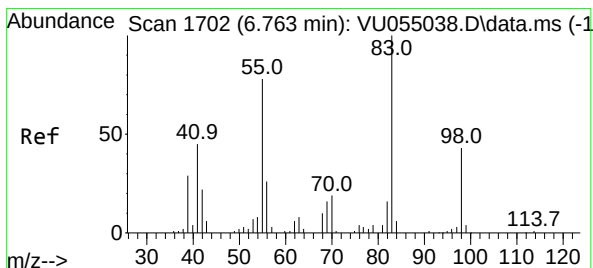
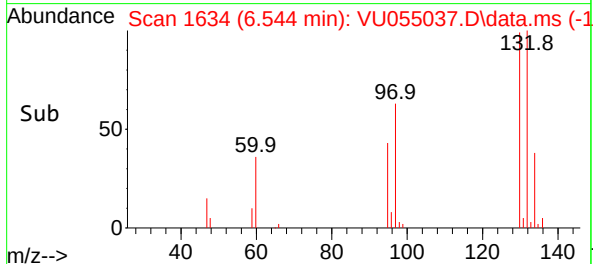
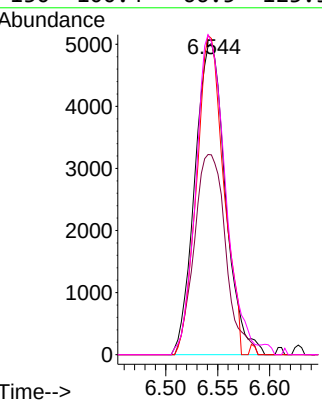
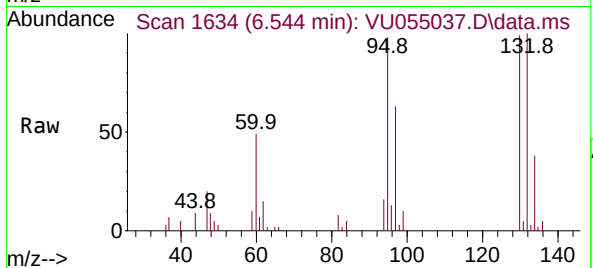
Ion Ratio Lower Upper

95 100

97 64.2 44.7 83.1

132 101.6 66.6 123.6

130 100.4 66.5 123.5



#35

Methylcyclohexane

Concen: 0.791 ug/L

RT: 6.759 min Scan# 1701

Delta R.T. -0.003 min

Lab File: VU055037.D

Acq: 01 Sep 2023 13:18

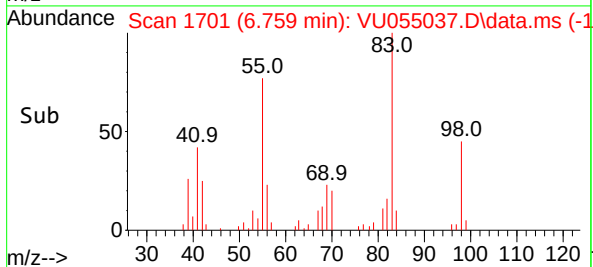
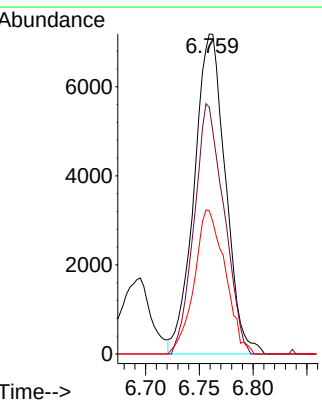
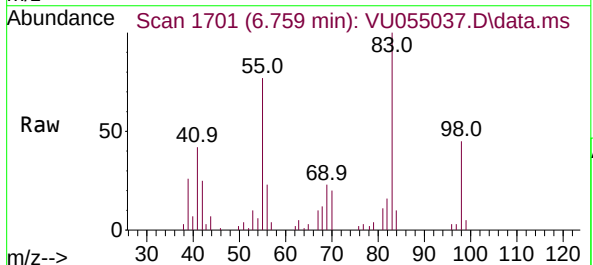
Tgt Ion: 83 Resp: 14503

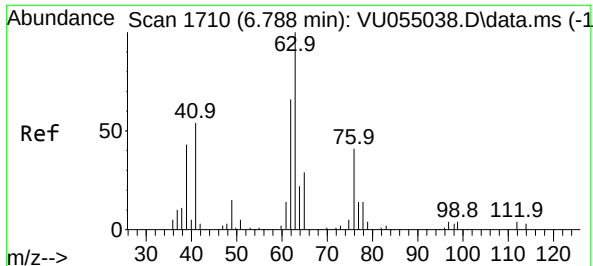
Ion Ratio Lower Upper

83 100

55 74.6 60.4 90.6

98 44.5 35.3 52.9





#37

1,2-Dichloropropane

Concen: 0.808 ug/L

RT: 6.788 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU055037.D

Acq: 01 Sep 2023 13:18

Instrument :

MSVOA_U

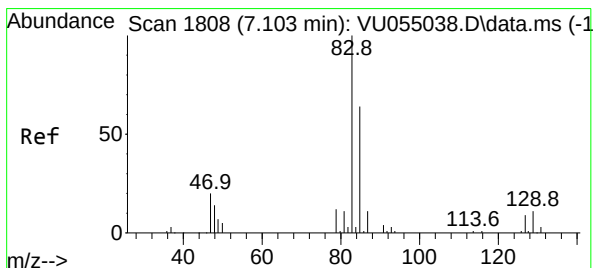
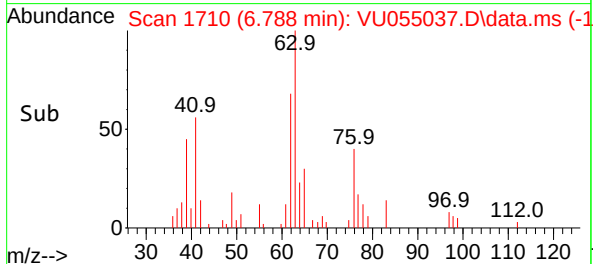
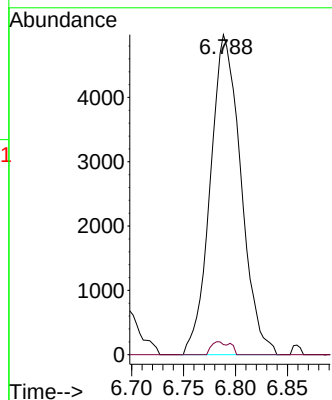
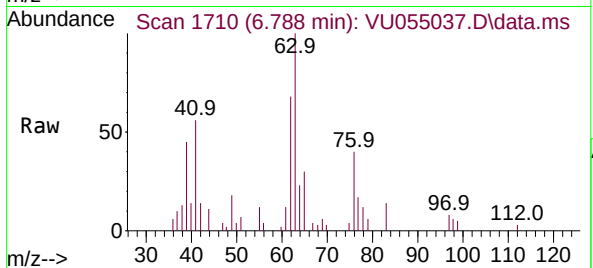
ClientSampleId :

Tgt Ion: 63 Resp: 10208

Ion Ratio Lower Upper

63 100

112 2.5 3.2 4.8#



#38

Bromodichloromethane

Concen: 0.752 ug/L

RT: 7.107 min Scan# 1809

Delta R.T. 0.003 min

Lab File: VU055037.D

Acq: 01 Sep 2023 13:18

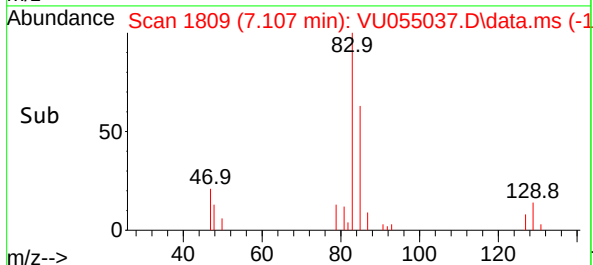
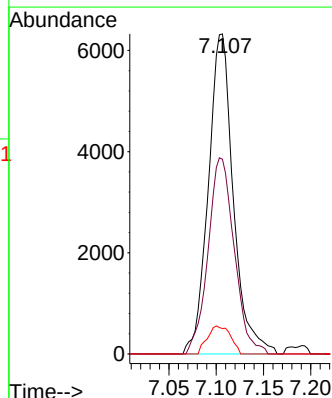
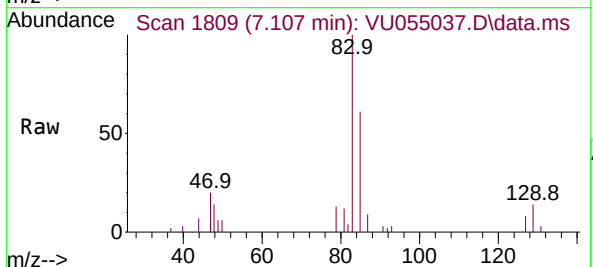
Tgt Ion: 83 Resp: 11654

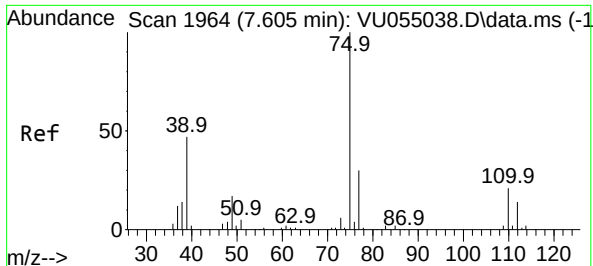
Ion Ratio Lower Upper

83 100

85 60.9 44.9 83.5

127 8.0 7.8 11.8





#39

cis-1,3-Dichloropropene

Concen: 0.651 ug/L

RT: 7.611 min Scan# 1966

Delta R.T. 0.006 min

Lab File: VU055037.D

Acq: 01 Sep 2023 13:18

Instrument :

MSVOA_U

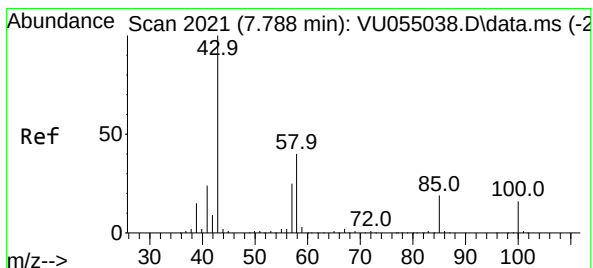
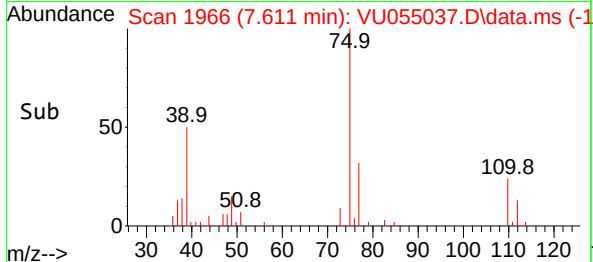
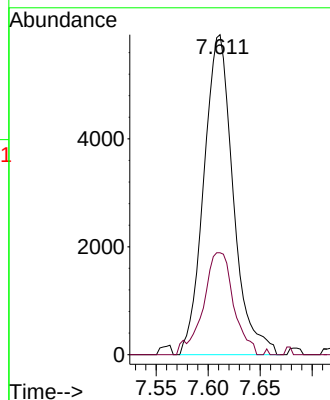
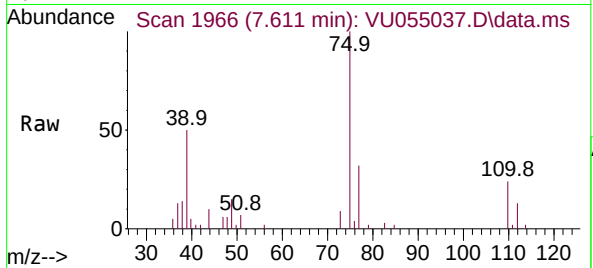
ClientSampleId :

Tgt Ion: 75 Resp: 11657

Ion Ratio Lower Upper

75 100

77 31.9 20.9 38.9



#40

4-Methyl-2-pentanone

Concen: 7.495 ug/L

RT: 7.791 min Scan# 2022

Delta R.T. 0.003 min

Lab File: VU055037.D

Acq: 01 Sep 2023 13:18

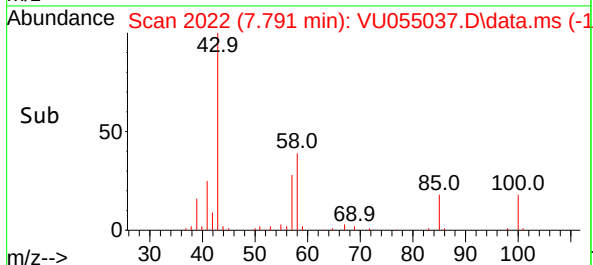
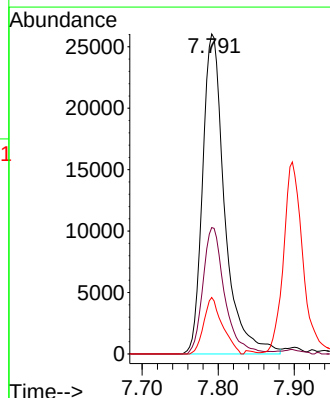
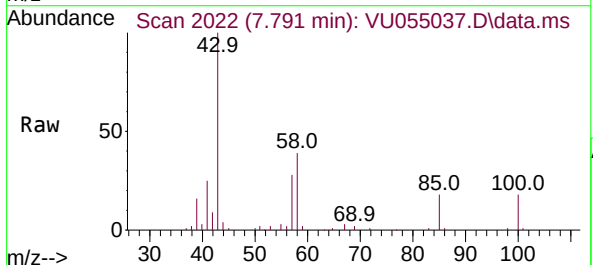
Tgt Ion: 43 Resp: 52642

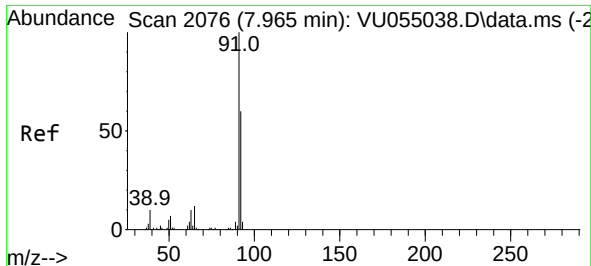
Ion Ratio Lower Upper

43 100

58 38.8 31.5 47.3

100 14.8 11.8 17.8





#42

Toluene

Concen: 0.749 ug/L

RT: 7.968 min Scan# 2077

Delta R.T. 0.003 min

Lab File: VU055037.D

Acq: 01 Sep 2023 13:18

Instrument :

MSVOA_U

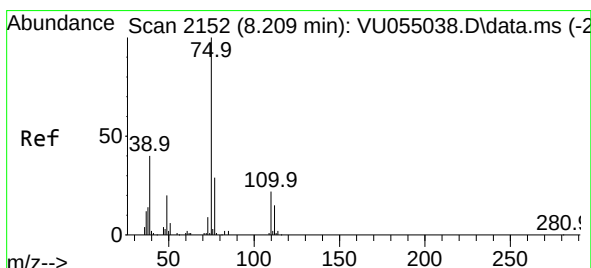
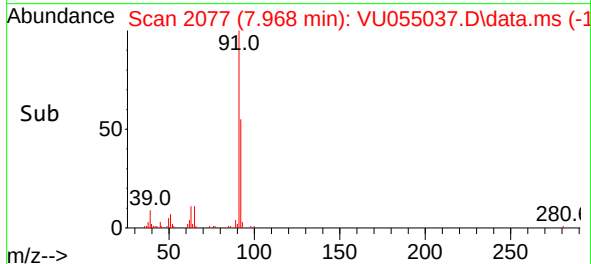
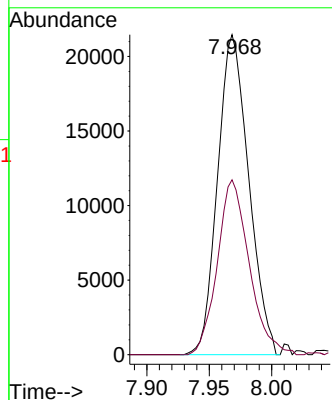
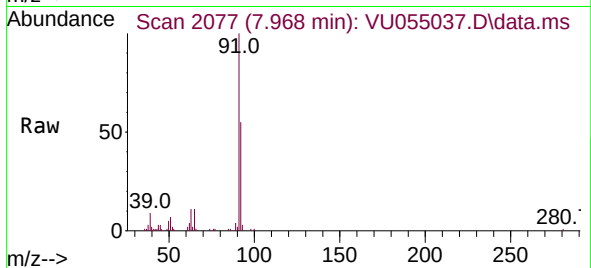
ClientSampleId :

Tgt Ion: 91 Resp: 37276

Ion Ratio Lower Upper

91 100

92 54.7 41.9 77.9



#44

trans-1,3-Dichloropropene

Concen: 0.638 ug/L

RT: 8.213 min Scan# 2153

Delta R.T. 0.003 min

Lab File: VU055037.D

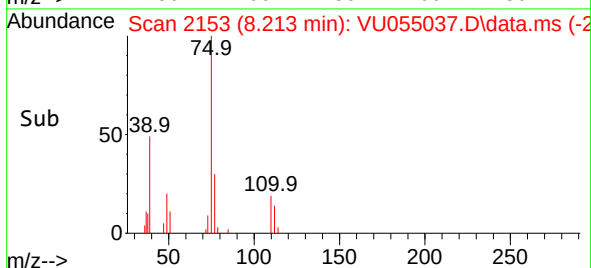
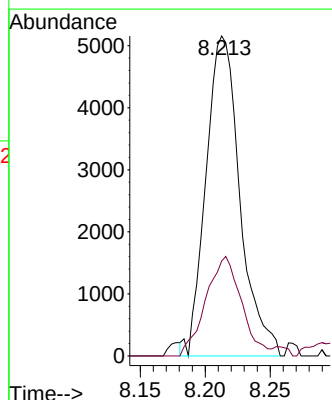
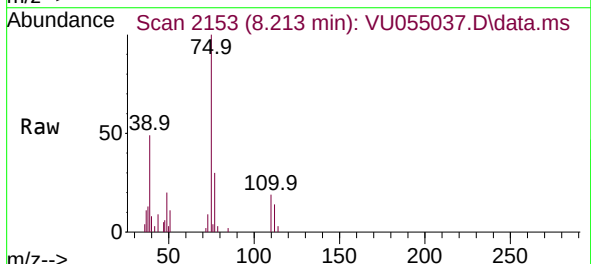
Acq: 01 Sep 2023 13:18

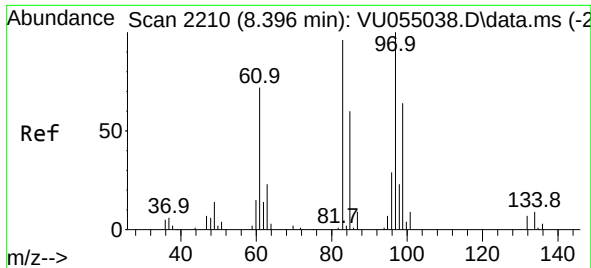
Tgt Ion: 75 Resp: 9389

Ion Ratio Lower Upper

75 100

77 29.6 20.5 38.1



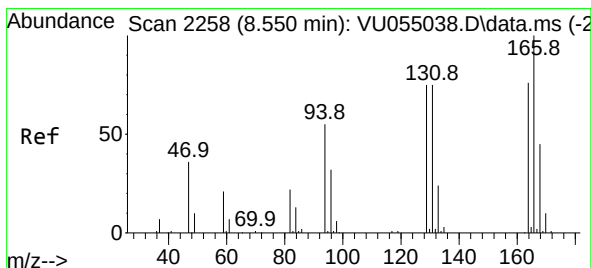
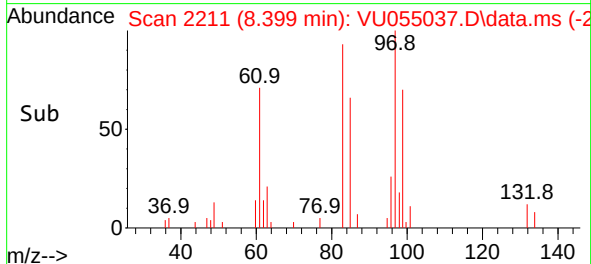
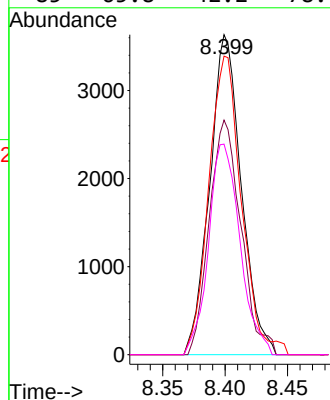
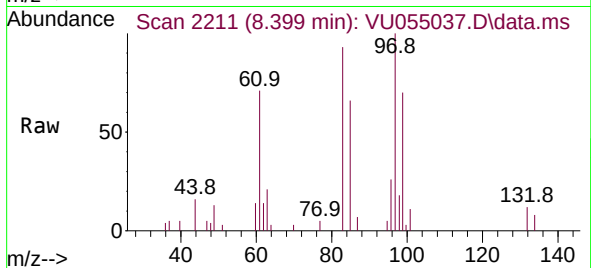


#45
1,1,2-Trichloroethane
Concen: 0.763 ug/L
RT: 8.399 min Scan# 211
Delta R.T. 0.003 min
Lab File: VU055037.D
Acq: 01 Sep 2023 13:18

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 6417

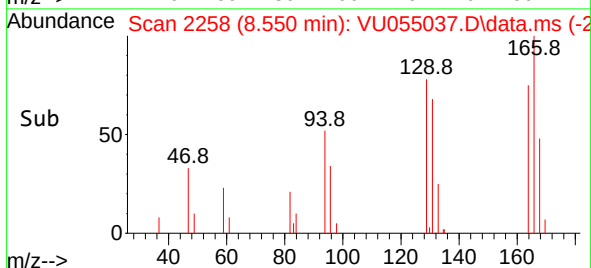
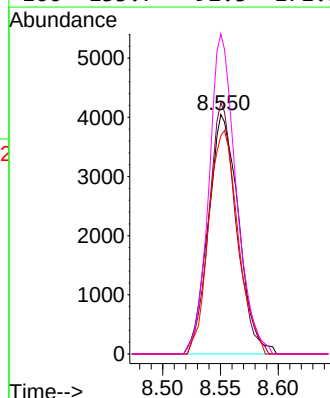
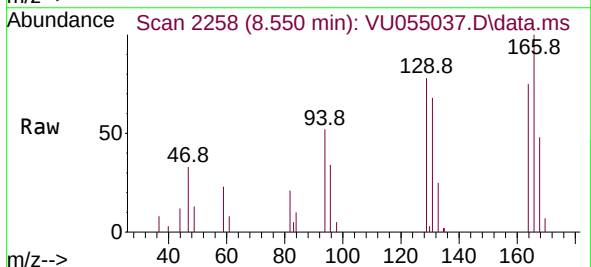
Ion	Ratio	Lower	Upper
97	100		
99	73.3	44.9	83.5
83	93.3	66.9	124.3
85	65.8	42.2	78.4

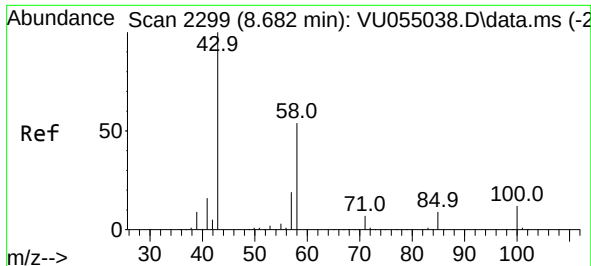


#47
Tetrachloroethene
Concen: 0.829 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. -0.000 min
Lab File: VU055037.D
Acq: 01 Sep 2023 13:18

Tgt Ion: 164 Resp: 7408

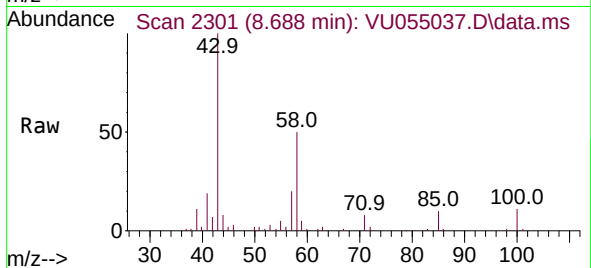
Ion	Ratio	Lower	Upper
164	100		
129	104.8	69.2	128.6
131	91.2	68.8	127.8
166	133.7	92.3	171.5



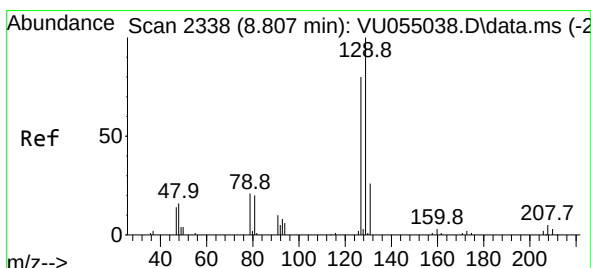
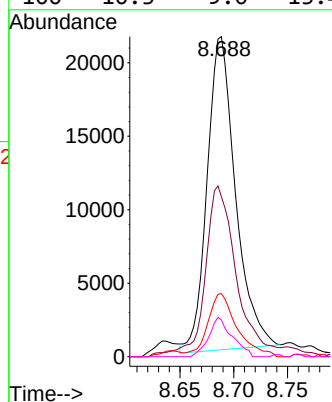
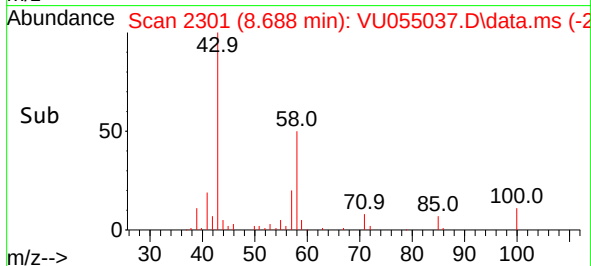


#48
2-Hexanone
Concen: 7.511 ug/L
RT: 8.688 min Scan# 21
Delta R.T. 0.006 min
Lab File: VU055037.D
Acq: 01 Sep 2023 13:18

Instrument :
MSVOA_U
ClientSampleId :

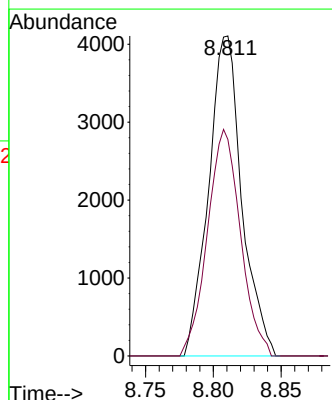
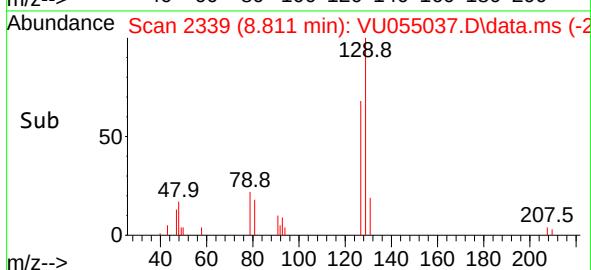
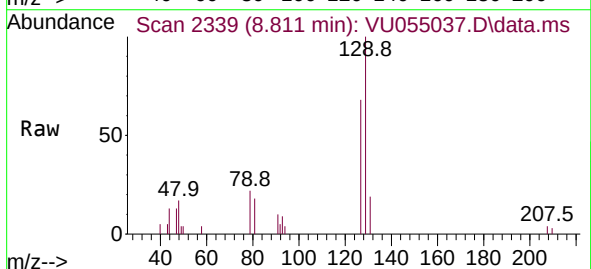


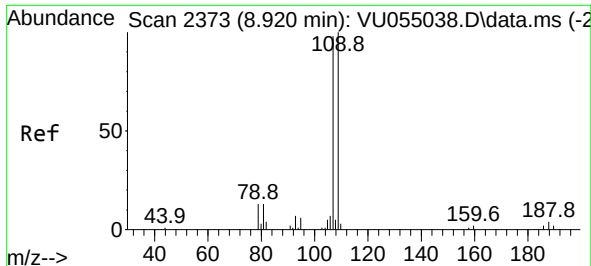
Tgt Ion: 43 Resp: 39236
Ion Ratio Lower Upper
43 100
58 59.9 44.0 66.0
57 20.8 16.2 24.2
100 10.3 9.0 13.4



#49
Dibromochloromethane
Concen: 0.716 ug/L
RT: 8.811 min Scan# 2339
Delta R.T. 0.003 min
Lab File: VU055037.D
Acq: 01 Sep 2023 13:18

Tgt Ion: 129 Resp: 7010
Ion Ratio Lower Upper
129 100
127 67.7 55.9 103.7





#50

1,2-Dibromoethane

Concen: 0.656 ug/L

RT: 8.923 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU055037.D

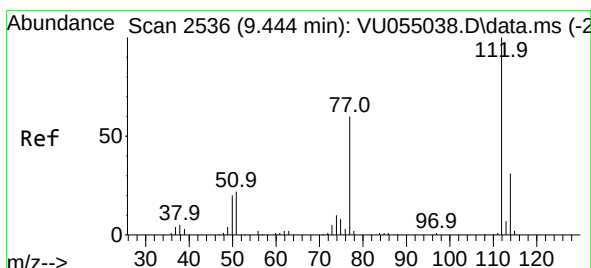
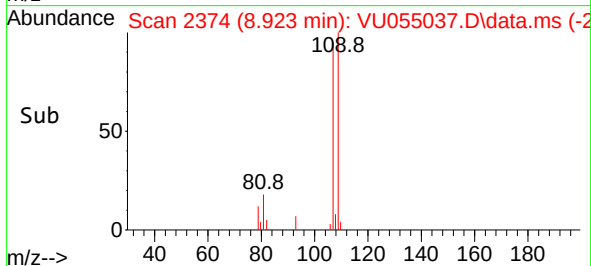
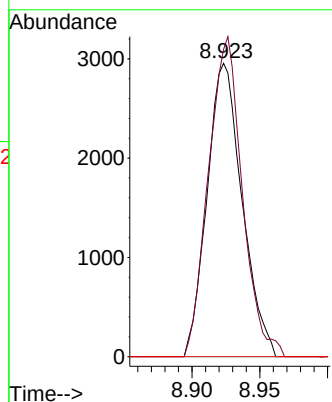
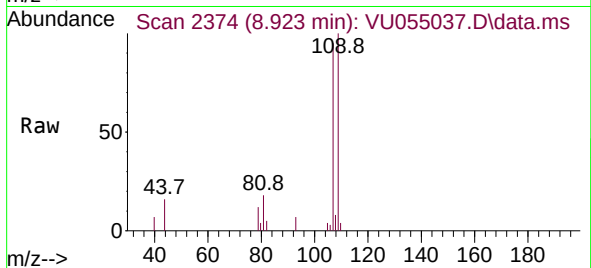
Acq: 01 Sep 2023 13:18

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	107	Resp:	5320
Ion	Ratio	Lower	Upper
107	100		
109	108.5	71.4	132.6
188	0.0	3.1	4.7#



#51

Chlorobenzene

Concen: 0.788 ug/L

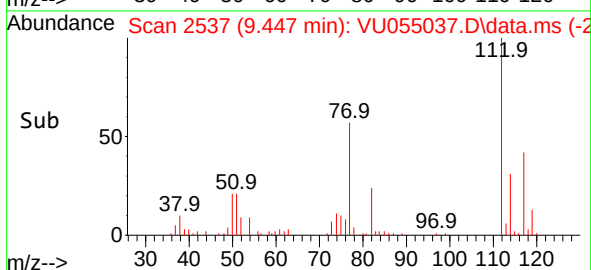
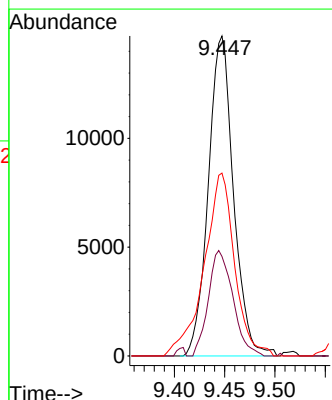
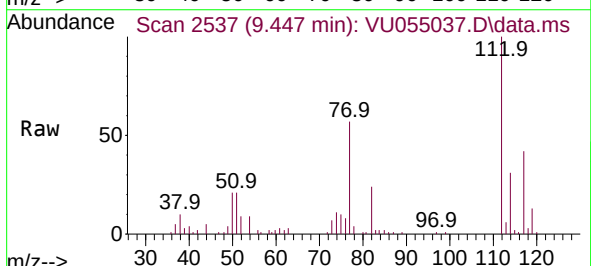
RT: 9.447 min Scan# 2537

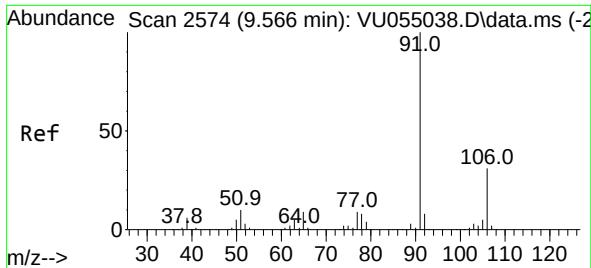
Delta R.T. 0.003 min

Lab File: VU055037.D

Acq: 01 Sep 2023 13:18

Tgt Ion:	112	Resp:	25634
Ion	Ratio	Lower	Upper
112	100		
114	31.1	21.7	40.3
77	57.1	48.6	72.8

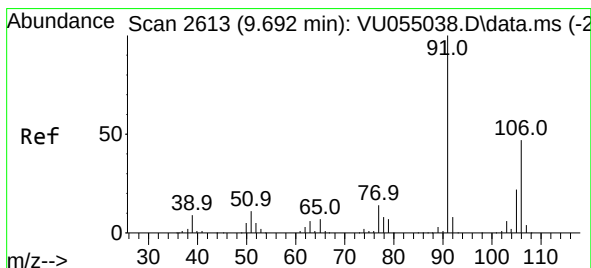
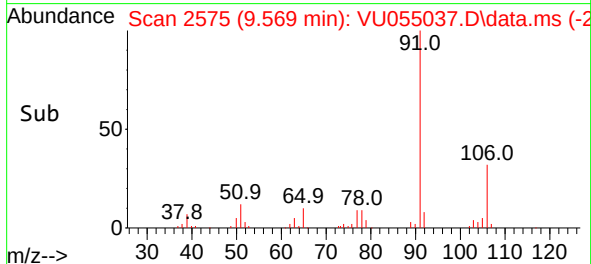
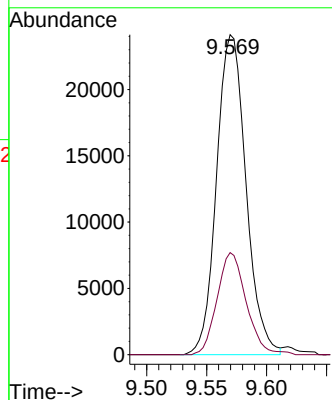
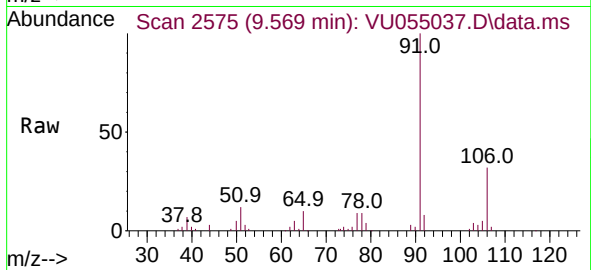




#52
Ethylbenzene
Concen: 0.735 ug/L
RT: 9.569 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU055037.D
Acq: 01 Sep 2023 13:18

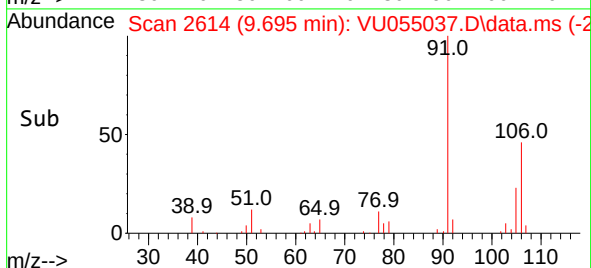
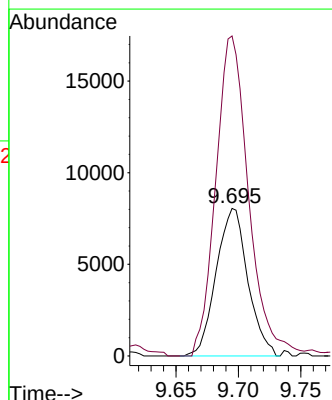
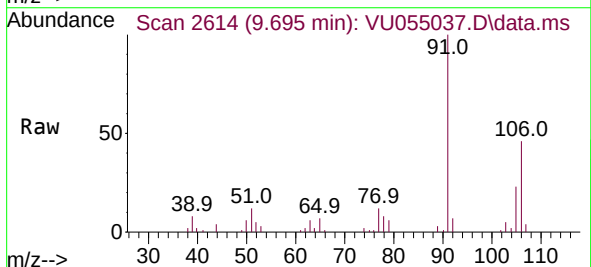
Instrument :
MSVOA_U
ClientSampleId :

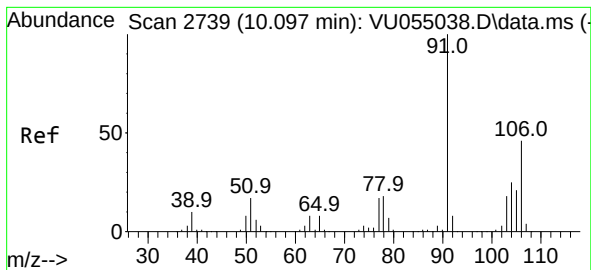
Tgt Ion: 91 Resp: 41137
Ion Ratio Lower Upper
91 100
106 31.9 21.5 39.9



#53
m,p-Xylene
Concen: 0.678 ug/L
RT: 9.695 min Scan# 2614
Delta R.T. 0.003 min
Lab File: VU055037.D
Acq: 01 Sep 2023 13:18

Tgt Ion: 106 Resp: 14217
Ion Ratio Lower Upper
106 100
91 216.9 148.3 275.5





#54

o-Xylene

Concen: 0.755 ug/L

RT: 10.100 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU055037.D

Acq: 01 Sep 2023 13:18

Instrument :

MSVOA_U

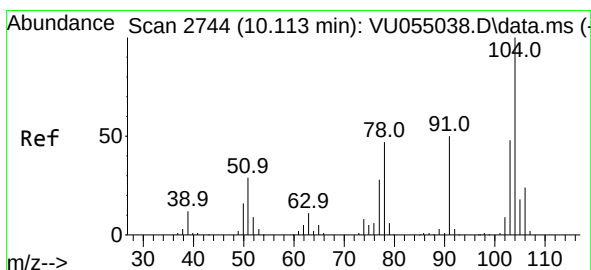
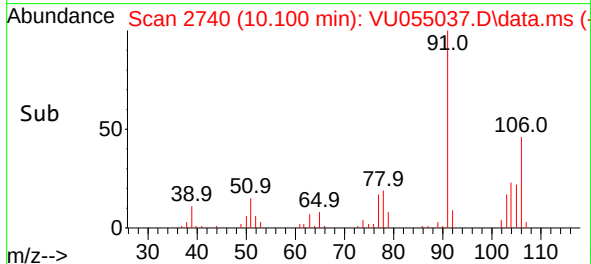
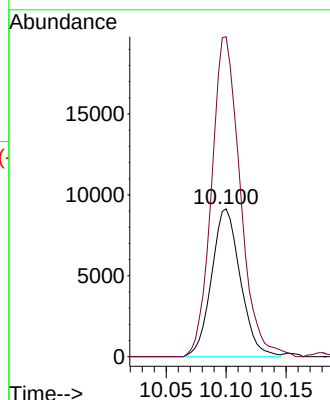
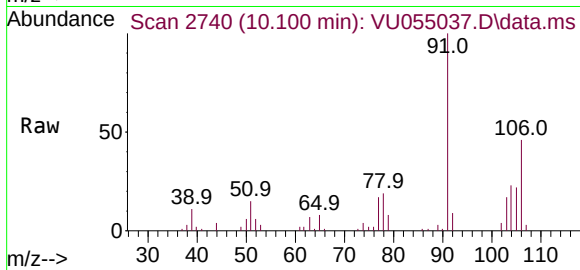
ClientSampleId :

Tgt Ion:106 Resp: 15248

Ion Ratio Lower Upper

106 100

91 216.4 152.9 284.1



#55

Styrene

Concen: 0.680 ug/L

RT: 10.116 min Scan# 2745

Delta R.T. 0.003 min

Lab File: VU055037.D

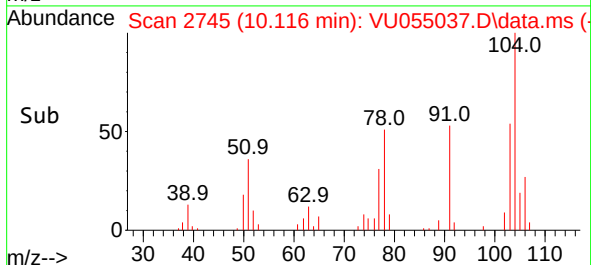
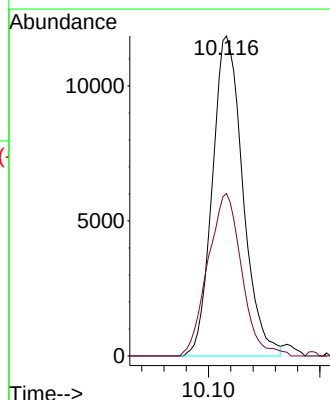
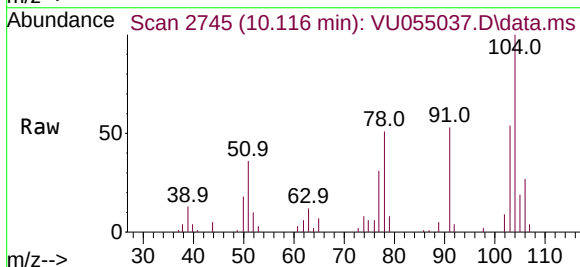
Acq: 01 Sep 2023 13:18

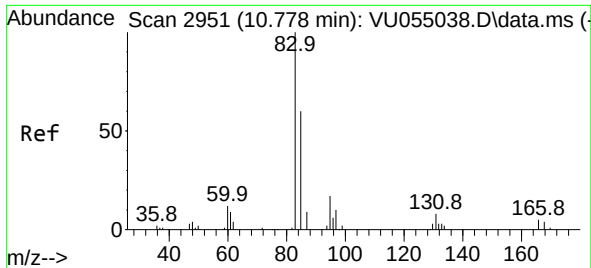
Tgt Ion:104 Resp: 22565

Ion Ratio Lower Upper

104 100

78 50.7 32.8 61.0





#57

1,1,2,2-Tetrachloroethane

Concen: 0.752 ug/L

RT: 10.782 min Scan# 2951

Delta R.T. 0.003 min

Lab File: VU055037.D

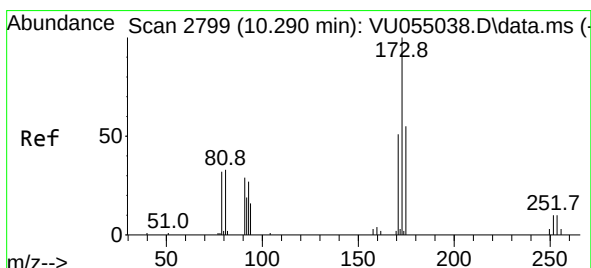
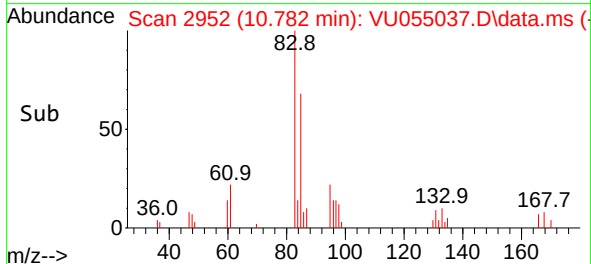
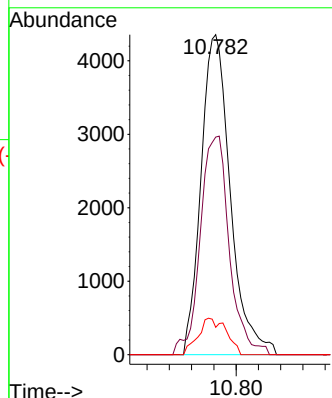
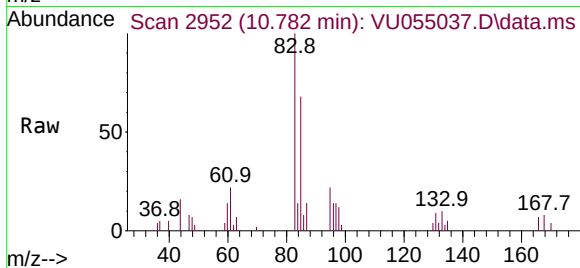
Acq: 01 Sep 2023 13:18

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	83	Resp:	7957
Ion	Ratio	Lower	Upper
83	100		
85	68.0	42.4	78.6
131	8.6	7.6	11.4



#59

Bromoform

Concen: 0.646 ug/L

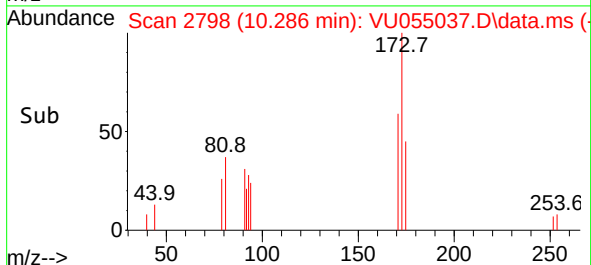
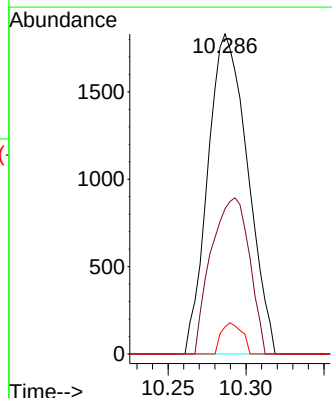
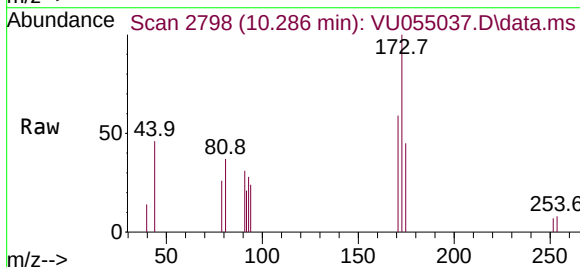
RT: 10.286 min Scan# 2798

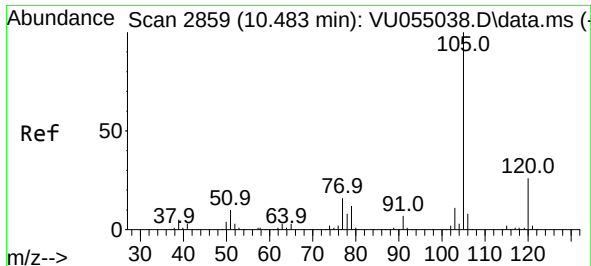
Delta R.T. -0.003 min

Lab File: VU055037.D

Acq: 01 Sep 2023 13:18

Tgt Ion:	173	Resp:	3249
Ion	Ratio	Lower	Upper
173	100		
175	46.8	40.9	61.3
254	5.1	7.0	10.4

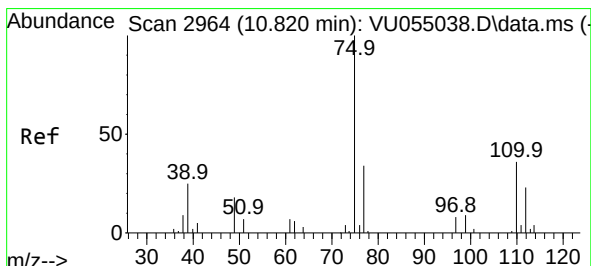
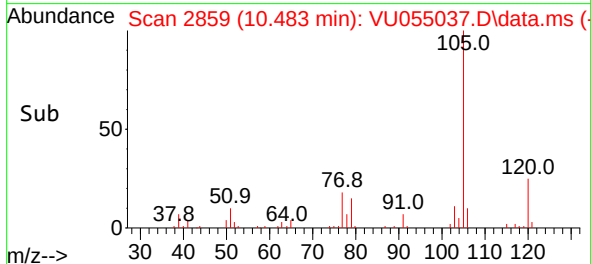
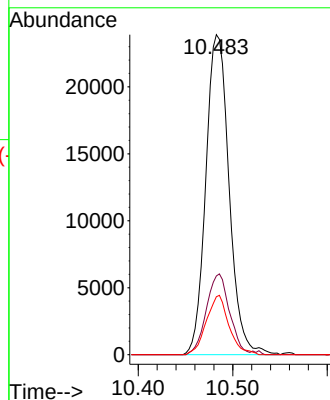
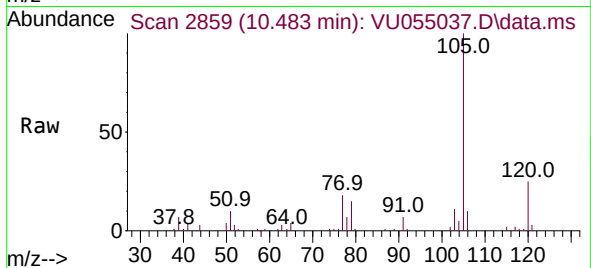




#60
Isopropylbenzene
Concen: 0.752 ug/L
RT: 10.483 min Scan# 2859
Delta R.T. -0.000 min
Lab File: VU055037.D
Acq: 01 Sep 2023 13:18

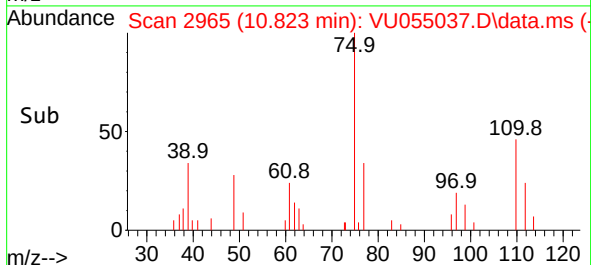
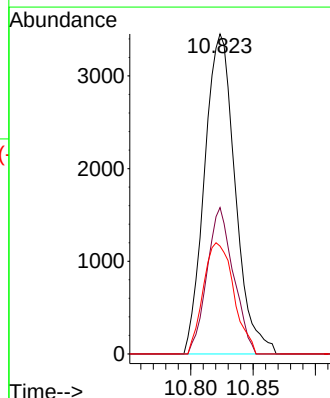
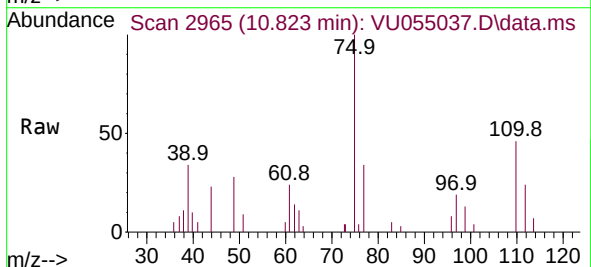
Instrument :
MSVOA_U
ClientSampleId :

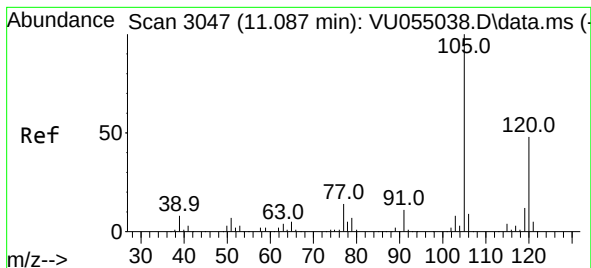
Tgt Ion:105 Resp: 40887
Ion Ratio Lower Upper
105 100
120 25.1 20.1 30.1
77 18.0 13.4 20.0



#61
1,2,3-Trichloropropane
Concen: 0.771 ug/L
RT: 10.823 min Scan# 2965
Delta R.T. 0.003 min
Lab File: VU055037.D
Acq: 01 Sep 2023 13:18

Tgt Ion: 75 Resp: 5906
Ion Ratio Lower Upper
75 100
110 39.4 28.2 42.2
77 34.4 26.2 39.4





#62

1,3,5-Trimethylbenzene

Concen: 0.698 ug/L

RT: 11.090 min Scan# 3048

Delta R.T. 0.003 min

Lab File: VU055037.D

Acq: 01 Sep 2023 13:18

Instrument :

MSVOA_U

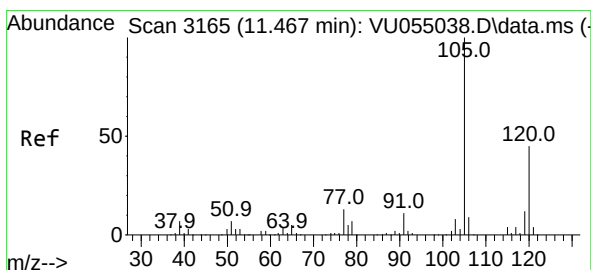
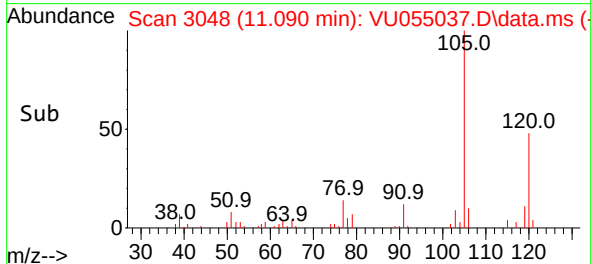
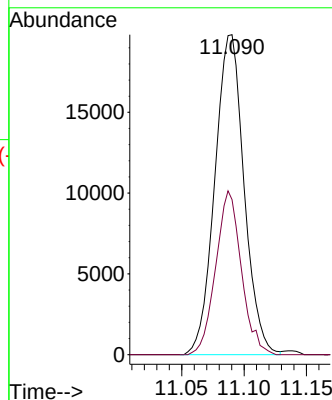
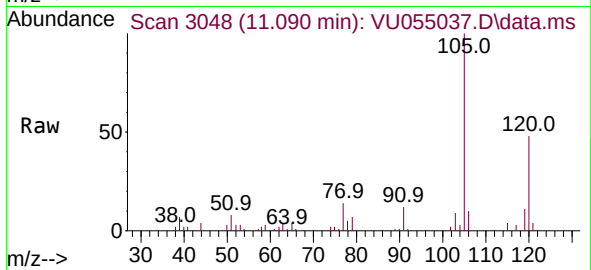
ClientSampleId :

Tgt Ion:105 Resp: 32395

Ion Ratio Lower Upper

105 100

120 44.8 37.9 56.9



#63

1,2,4-Trimethylbenzene

Concen: 0.711 ug/L

RT: 11.467 min Scan# 3165

Delta R.T. -0.000 min

Lab File: VU055037.D

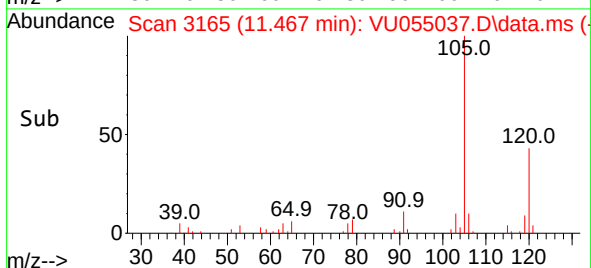
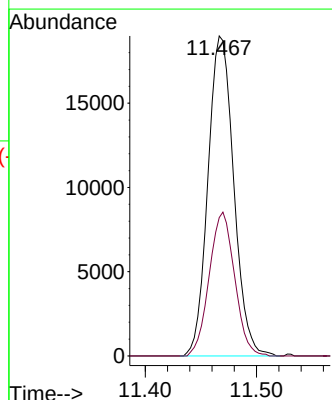
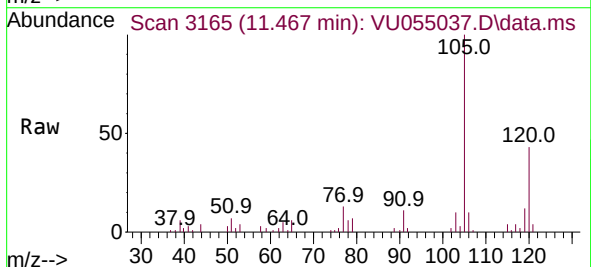
Acq: 01 Sep 2023 13:18

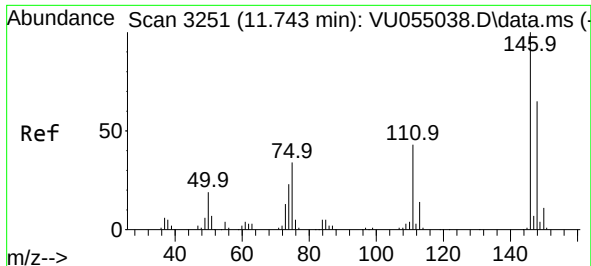
Tgt Ion:105 Resp: 30552

Ion Ratio Lower Upper

105 100

120 44.3 35.4 53.0

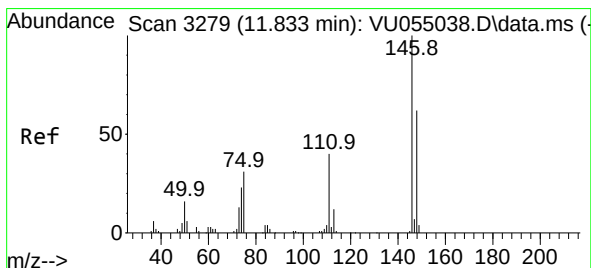
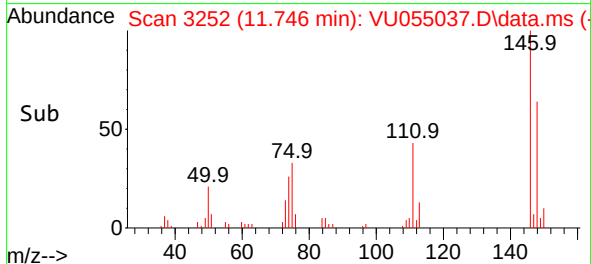
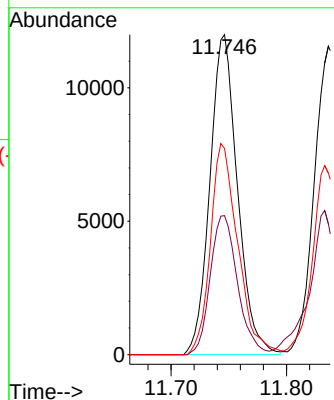
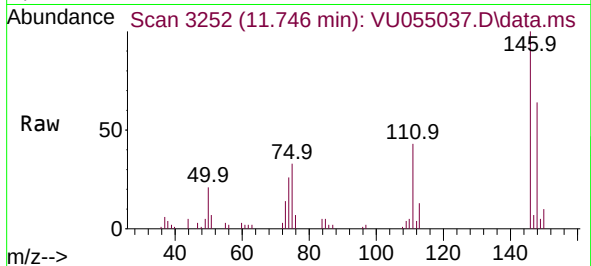




#64
1,3-Dichlorobenzene
Concen: 0.783 ug/L
RT: 11.746 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU055037.D
Acq: 01 Sep 2023 13:18

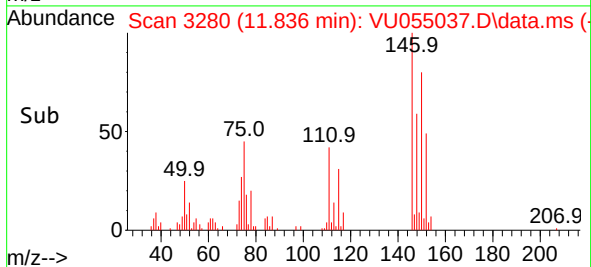
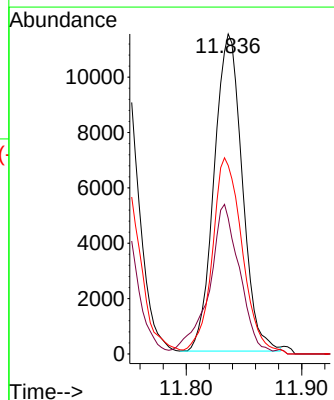
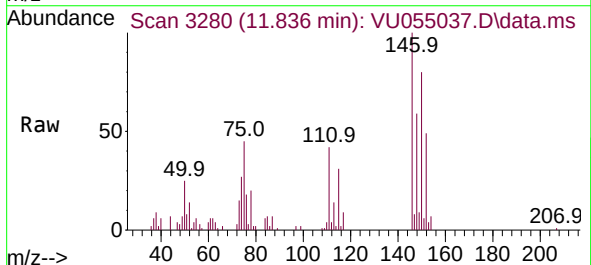
Instrument :
MSVOA_U
ClientSampleId :

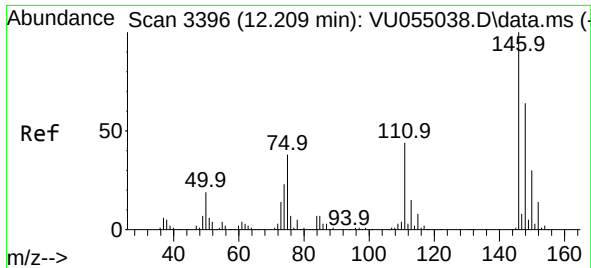
Tgt Ion:146 Resp: 19908
Ion Ratio Lower Upper
146 100
111 43.4 30.0 55.6
148 64.5 45.2 84.0



#65
1,4-Dichlorobenzene
Concen: 0.764 ug/L
RT: 11.836 min Scan# 3280
Delta R.T. 0.003 min
Lab File: VU055037.D
Acq: 01 Sep 2023 13:18

Tgt Ion:146 Resp: 19377
Ion Ratio Lower Upper
146 100
111 42.4 28.1 52.1
148 58.9 43.8 81.3





#67

1,2-Dichlorobenzene

Concen: 0.836 ug/L

RT: 12.212 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU055037.D

Acq: 01 Sep 2023 13:18

Instrument :

MSVOA_U

ClientSampleId :

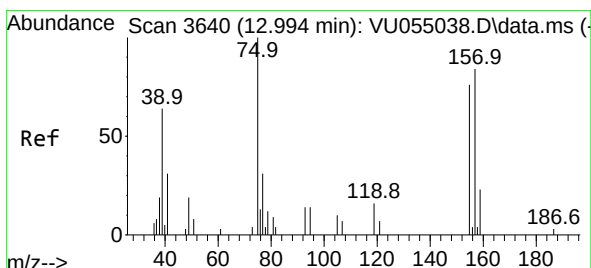
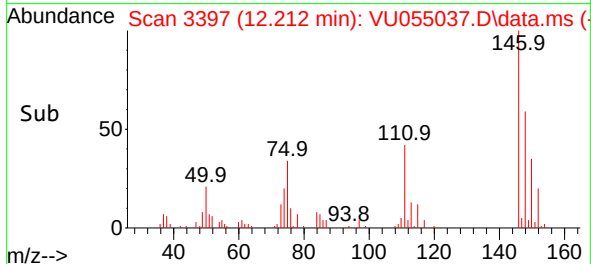
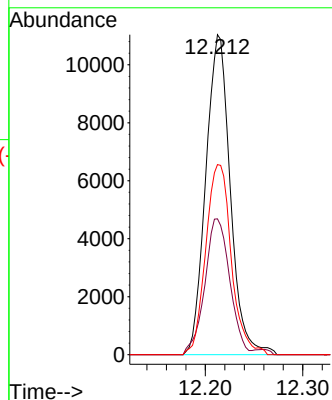
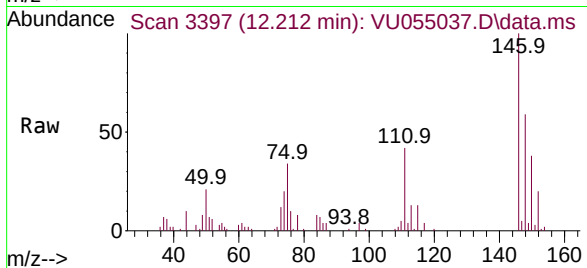
Tgt Ion:146 Resp: 19295

Ion Ratio Lower Upper

146 100

111 42.4 35.6 53.4

148 59.4 51.3 76.9



#68

1,2-Dibromo-3-chloropropane

Concen: 0.752 ug/L

RT: 12.997 min Scan# 3641

Delta R.T. 0.003 min

Lab File: VU055037.D

Acq: 01 Sep 2023 13:18

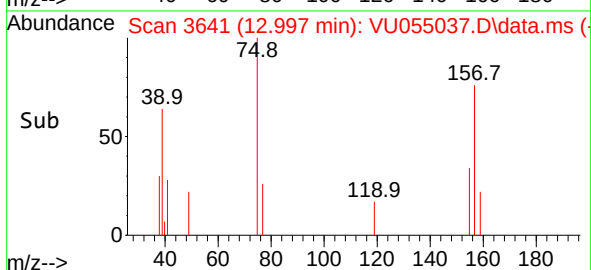
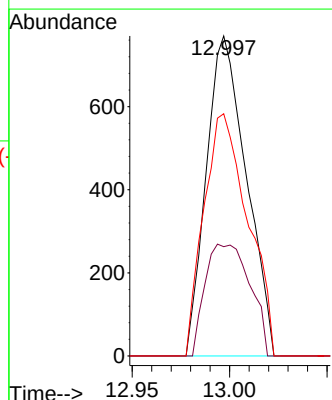
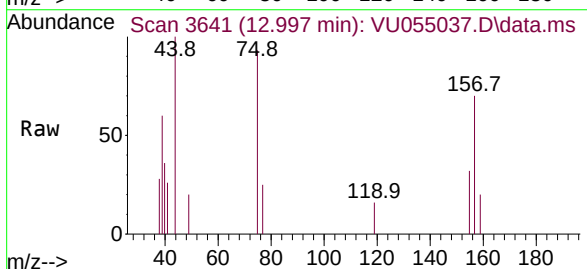
Tgt Ion: 75 Resp: 1098

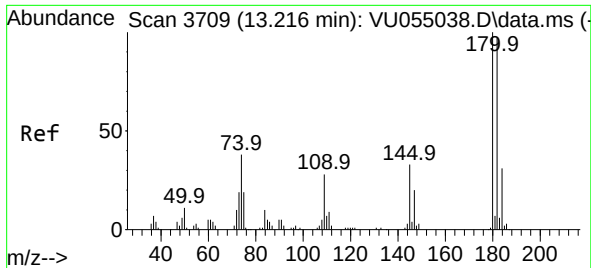
Ion Ratio Lower Upper

75 100

155 34.2 61.1 91.7#

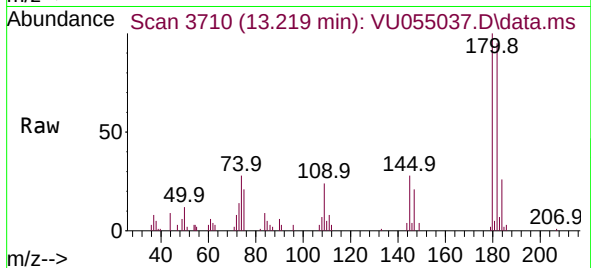
157 75.7 66.8 100.2



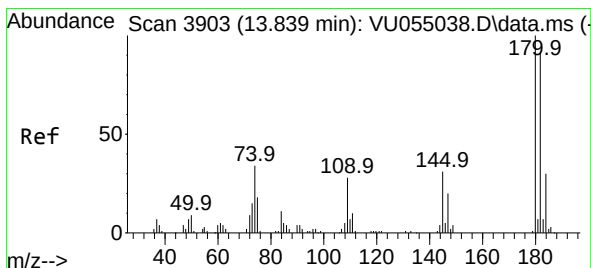
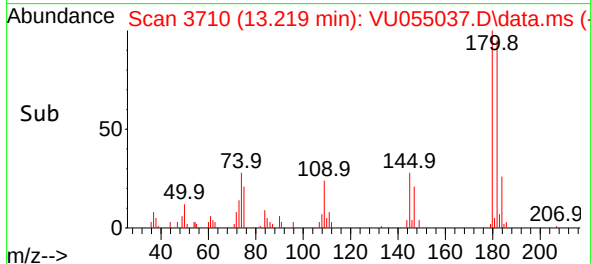
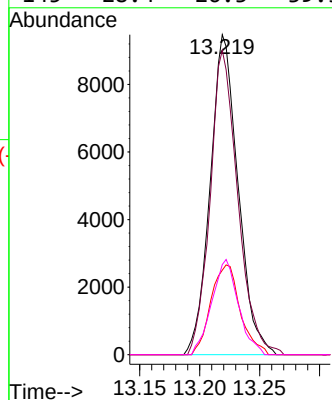


#69
 1,3,5-Trichlorobenzene
 Concen: 0.896 ug/L
 RT: 13.219 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VU055037.D
 Acq: 01 Sep 2023 13:18

Instrument :
 MSVOA_U
 ClientSampleId :

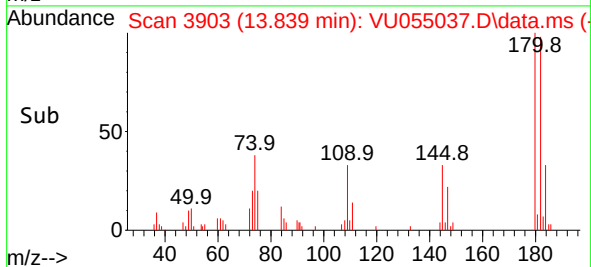
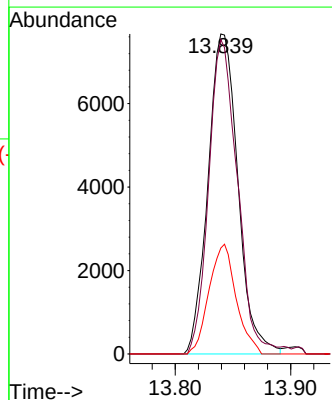
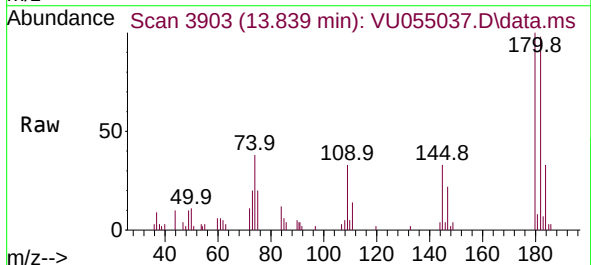


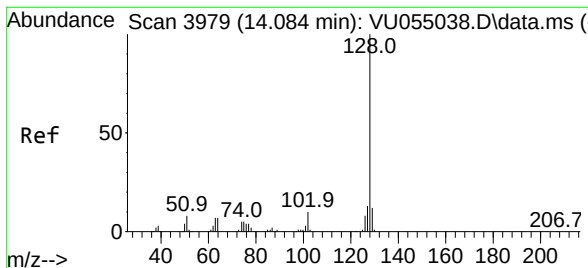
Tgt Ion:180 Resp: 15309
 Ion Ratio Lower Upper
 180 100
 182 94.1 75.8 113.6
 184 29.5 24.0 36.0
 145 28.4 26.3 39.5



#70
 1,2,4-trichlorobenzene
 Concen: 1.025 ug/L
 RT: 13.839 min Scan# 3903
 Delta R.T. -0.000 min
 Lab File: VU055037.D
 Acq: 01 Sep 2023 13:18

Tgt Ion:180 Resp: 13827
 Ion Ratio Lower Upper
 180 100
 182 94.4 73.6 110.4
 145 31.0 25.8 38.8





#71

Naphthalene

Concen: 1.240 ug/L

RT: 14.090 min Scan# 3981

Delta R.T. 0.006 min

Lab File: VU055037.D

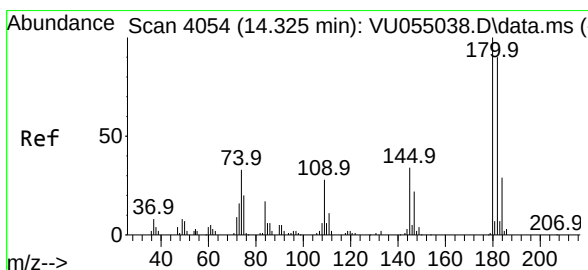
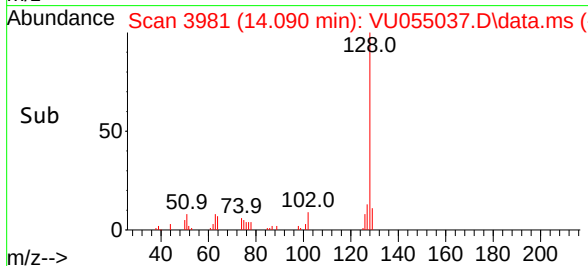
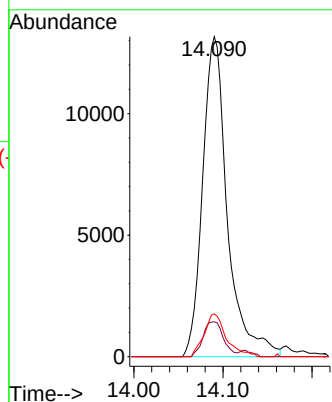
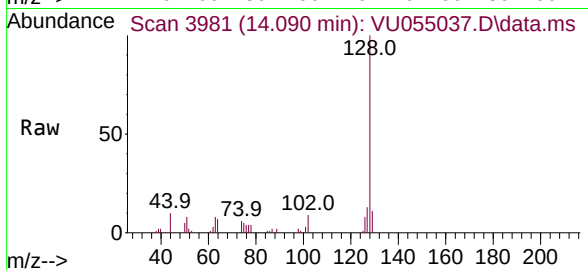
Acq: 01 Sep 2023 13:18

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:128	Resp:	25443
Ion Ratio	Lower	Upper
128	100	
129	9.0	8.2 12.2
127	12.0	10.0 15.0



#72

1,2,3-Trichlorobenzene

Concen: 1.071 ug/L

RT: 14.328 min Scan# 4055

Delta R.T. 0.003 min

Lab File: VU055037.D

Acq: 01 Sep 2023 13:18

Tgt Ion:180	Resp:	12098
Ion Ratio	Lower	Upper
180	100	
182	90.8	75.6 113.4
145	32.0	27.0 40.6

