

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU083023\
 Data File : VU055010.D
 Acq On : 30 Aug 2023 20:58
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 31 02:40:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Aug 31 02:34:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	167859	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	165766	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	92734	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	18845	3.557	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.200%
7) Chloroethane-d5	1.907	69	25999	3.798	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.000%
11) 1,1-Dichloroethene-d2	2.560	65	11255	3.759	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.200%
20) 2-Butanone-d5	4.627	46	167773	58.666	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.340%
24) Chloroform-d	5.058	84	89077	4.532	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.600%
26) 1,2-Dichloroethane-d4	5.698	65	49741	4.756	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.200%
32) Benzene-d6	5.724	84	152051	4.081	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.600%
36) 1,2-Dichloropropane-d6	6.688	67	57547	4.391	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.800%
41) Toluene-d8	7.894	98	143605	4.024	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.400%
43) trans-1,3-Dichloroprop...	8.180	79	17587	4.078	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.600%
46) 2-Hexanone-d5	8.631	63	117580	57.440	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	114.880%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	58278	5.186	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.800%
66) 1,2-Dichlorobenzene-d4	12.193	152	64469	4.354	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	57980	5.574	ug/L	98
3) Chloromethane	1.518	50	57270	5.277	ug/L	97
5) Vinyl chloride	1.599	62	60520	5.372	ug/L	97
6) Bromomethane	1.853	94	30663	4.362	ug/L	95
8) Chloroethane	1.930	64	38132	5.147	ug/L	98
9) Trichlorofluoromethane	2.136	101	86700	5.408	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	48523	5.571	ug/L	95
12) 1,1-Dichloroethene	2.576	96	41871	5.524	ug/L	86
13) Acetone	2.634	43	84610	54.735	ug/L	97
14) Carbon disulfide	2.788	76	104900	4.997	ug/L	97
15) Methyl Acetate	2.952	43	21932	6.931	ug/L	96
16) Methylene chloride	3.039	84	59319	5.094	ug/L	96
17) Methyl tert-butyl Ether	3.361	73	124684	5.652	ug/L	99
18) trans-1,2-Dichloroethene	3.351	96	44717	5.399	ug/L	91
19) 1,1-Dichloroethane	3.865	63	96611	5.561	ug/L	99
21) 2-Butanone	4.708	43	141551	59.760	ug/L	100
22) cis-1,2-Dichloroethene	4.663	96	57663	5.839	ug/L	95
23) Bromochloromethane	4.975	128	22839	5.345	ug/L	83
25) Chloroform	5.084	83	104070	5.461	ug/L	97

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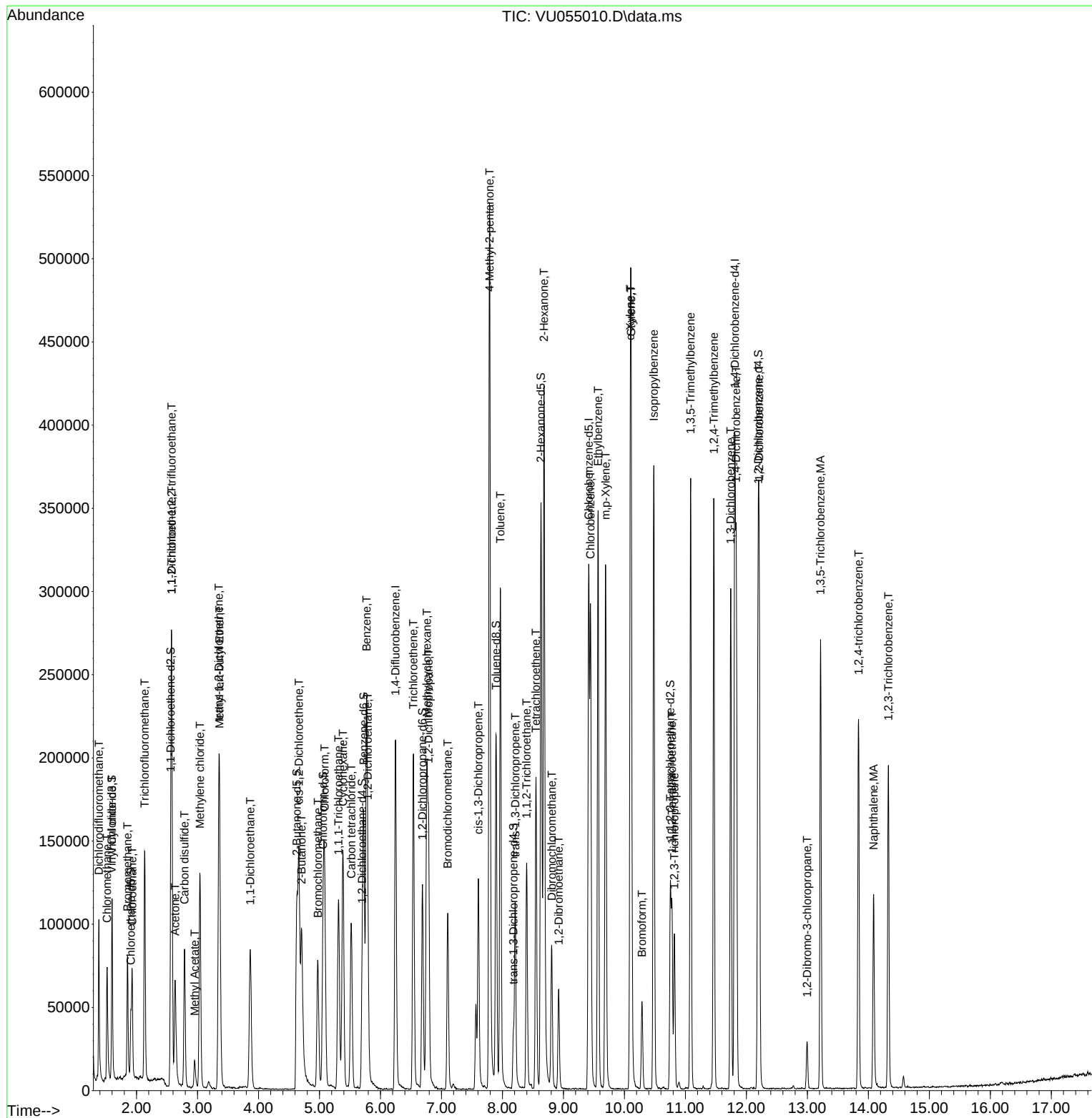
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.791	62	65368	5.614	ug/L	100
29) 1,1,1-Trichloroethane	5.312	97	82813	5.026	ug/L	99
30) Cyclohexane	5.386	56	72401	4.957	ug/L	96
31) Carbon tetrachloride	5.521	117	67467	4.812	ug/L	100
33) Benzene	5.772	78	203814	5.212	ug/L	100
34) Trichloroethene	6.541	95	68370	6.309	ug/L	95
35) Methylcyclohexane	6.762	83	70398	4.391	ug/L	97
37) 1,2-Dichloropropane	6.788	63	57289	5.255	ug/L	99
38) Bromodichloromethane	7.103	83	69792	5.161	ug/L	100
39) cis-1,3-Dichloropropene	7.605	75	70244	4.471	ug/L	99
40) 4-Methyl-2-pentanone	7.788	43	352808	58.052	ug/L	99
42) Toluene	7.965	91	213490	4.920	ug/L	98
44) trans-1,3-Dichloropropene	8.209	75	62739	4.836	ug/L	99
45) 1,1,2-Trichloroethane	8.396	97	41301	5.613	ug/L	98
47) Tetrachloroethene	8.550	164	37355	4.797	ug/L	97
48) 2-Hexanone	8.682	43	267760	59.492	ug/L	99
49) Dibromochloromethane	8.807	129	42805	5.022	ug/L	89
50) 1,2-Dibromoethane	8.923	107	39175	5.531	ug/L #	89
51) Chlorobenzene	9.444	112	142212	5.035	ug/L	98
52) Ethylbenzene	9.569	91	240009	4.904	ug/L	99
53) m,p-Xylene	9.692	106	88897	4.847	ug/L	96
54) o-Xylene	10.097	106	87764	4.992	ug/L	100
55) Styrene	10.113	104	150408	5.189	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.778	83	52064	5.720	ug/L	97
59) Bromoform	10.286	173	23163	5.028	ug/L	95
60) Isopropylbenzene	10.483	105	241026	4.842	ug/L	99
61) 1,2,3-Trichloropropane	10.820	75	37598	5.445	ug/L	99
62) 1,3,5-Trimethylbenzene	11.087	105	199341	4.666	ug/L	99
63) 1,2,4-Trimethylbenzene	11.466	105	190776	4.813	ug/L	99
64) 1,3-Dichlorobenzene	11.743	146	114569	4.946	ug/L	99
65) 1,4-Dichlorobenzene	11.833	146	114532	4.943	ug/L	98
67) 1,2-Dichlorobenzene	12.209	146	108807	5.154	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.994	75	7267	5.432	ug/L	97
69) 1,3,5-Trichlorobenzene	13.216	180	77903	5.045	ug/L	98
70) 1,2,4-trichlorobenzene	13.839	180	63201	5.225	ug/L	99
71) Naphthalene	14.087	128	95068	5.225	ug/L	98
72) 1,2,3-Trichlorobenzene	14.328	180	55027	5.491	ug/L	98

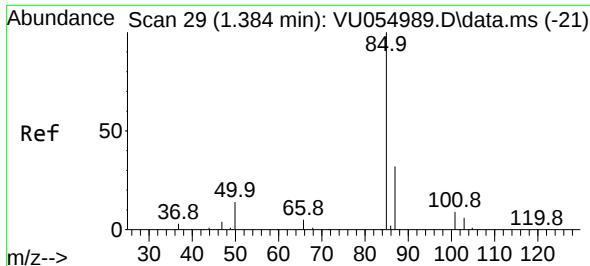
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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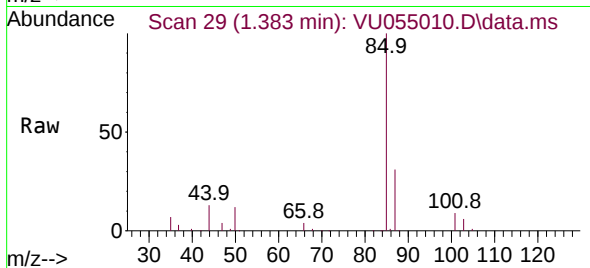
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082823WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Aug 31 02:34:15 2023
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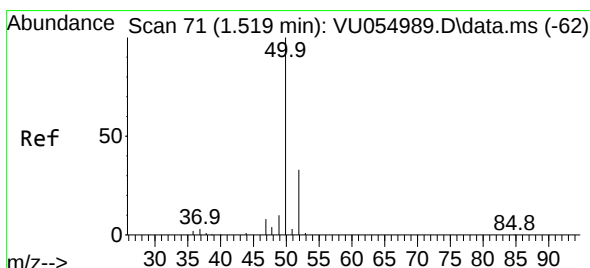
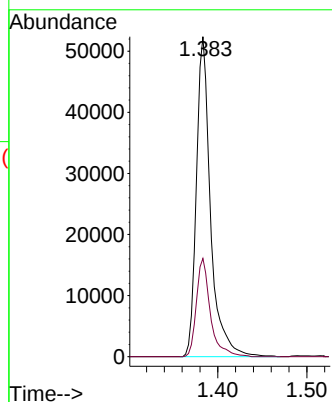
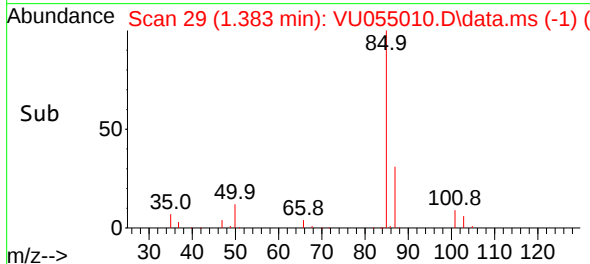


#2
 Dichlorodifluoromethane
 Concen: 5.574 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. -0.000 min
 Lab File: VU055010.D
 Acq: 30 Aug 2023 20:58

Instrument :
 MSVOA_U
 ClientSampleId :

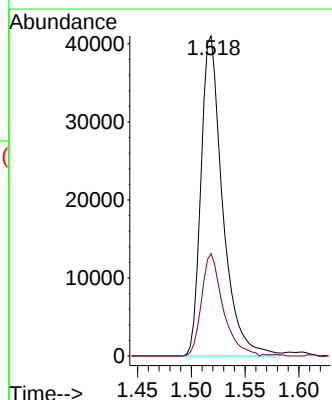
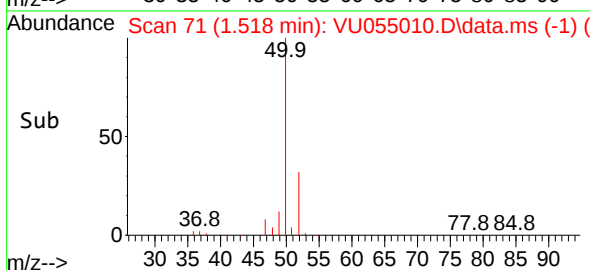
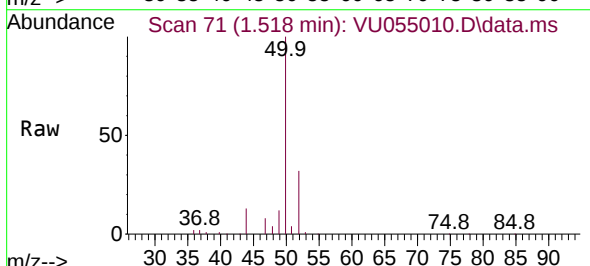


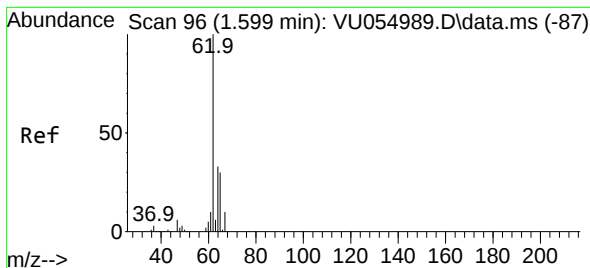
Tgt Ion: 85 Resp: 57980
 Ion Ratio Lower Upper
 85 100
 87 30.4 25.4 38.0



#3
 Chloromethane
 Concen: 5.277 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VU055010.D
 Acq: 30 Aug 2023 20:58

Tgt Ion: 50 Resp: 57270
 Ion Ratio Lower Upper
 50 100
 52 32.0 23.4 43.6





#5

Vinyl chloride

Concen: 5.372 ug/L

RT: 1.599 min Scan# 96

Delta R.T. -0.000 min

Lab File: VU055010.D

Acq: 30 Aug 2023 20:58

Instrument :

MSVOA_U

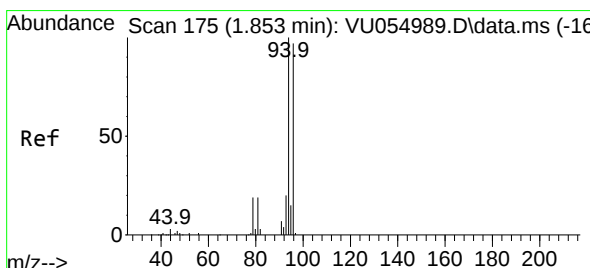
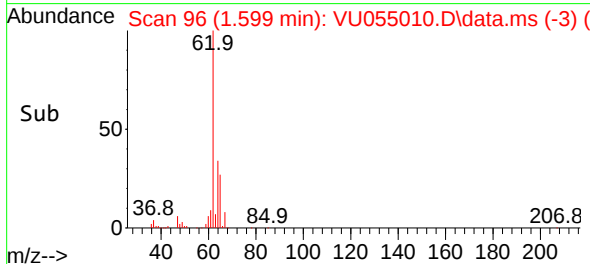
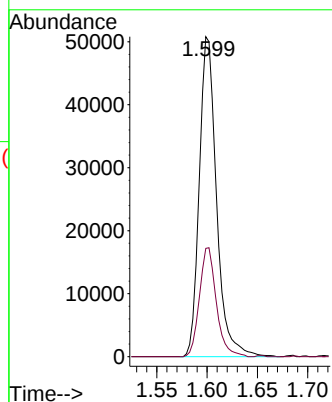
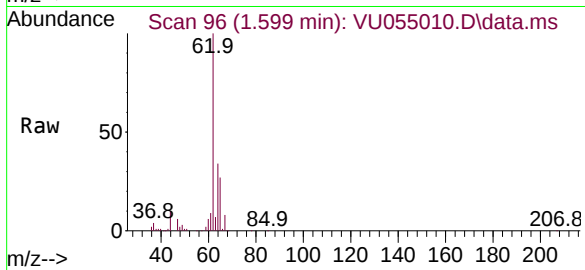
ClientSampleId :

Tgt Ion: 62 Resp: 60520

Ion Ratio Lower Upper

62 100

64 33.9 22.7 42.1



#6

Bromomethane

Concen: 4.362 ug/L

RT: 1.853 min Scan# 175

Delta R.T. -0.000 min

Lab File: VU055010.D

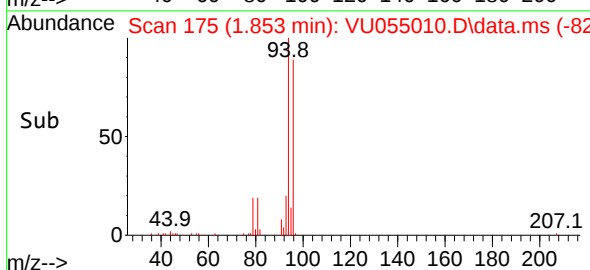
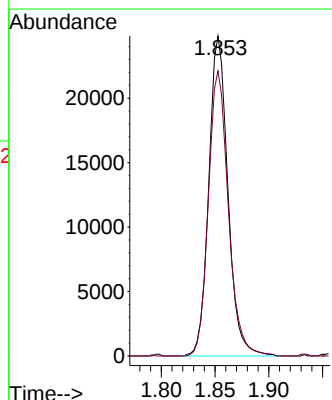
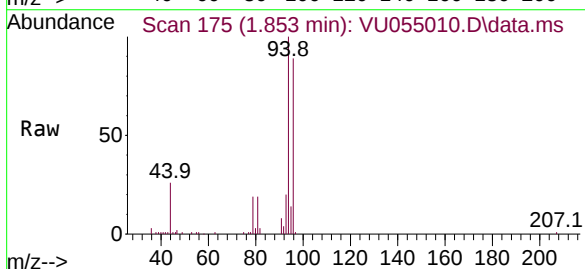
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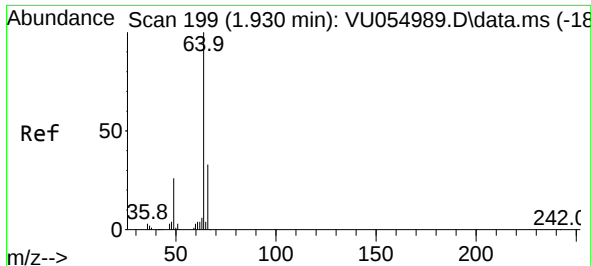
Tgt Ion: 94 Resp: 30663

Ion Ratio Lower Upper

94 100

96 89.1 65.5 121.7

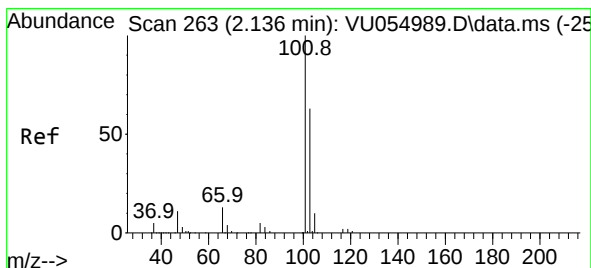
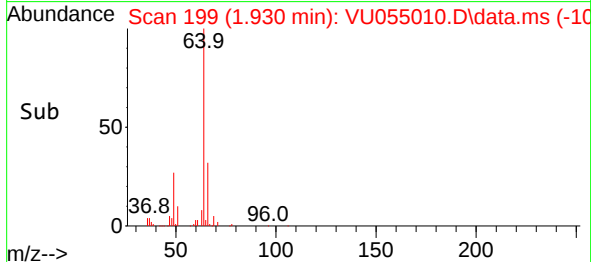
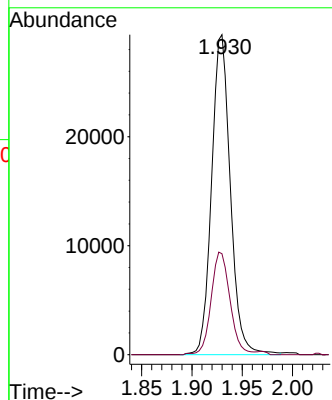
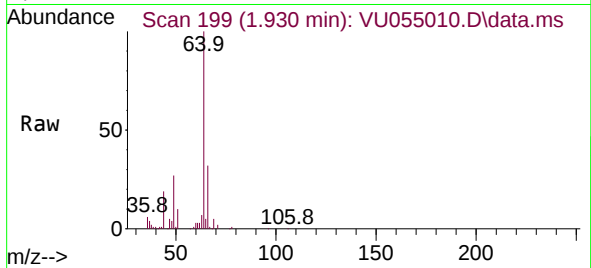




#8
Chloroethane
Concen: 5.147 ug/L
RT: 1.930 min Scan# 199
Delta R.T. -0.000 min
Lab File: VU055010.D
Acq: 30 Aug 2023 20:58

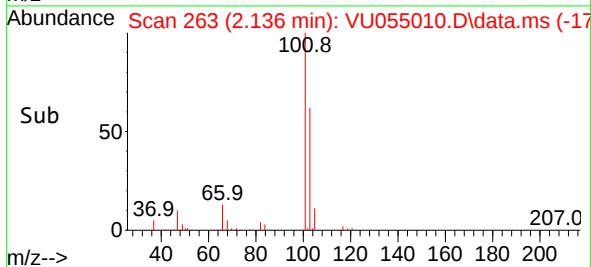
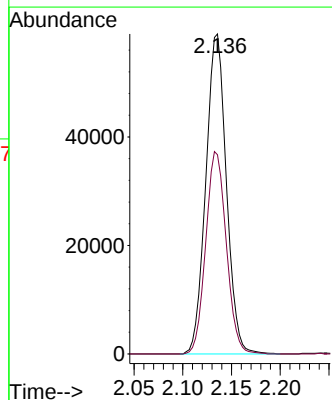
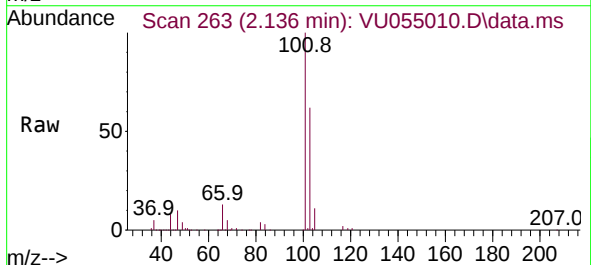
Instrument :
MSVOA_U
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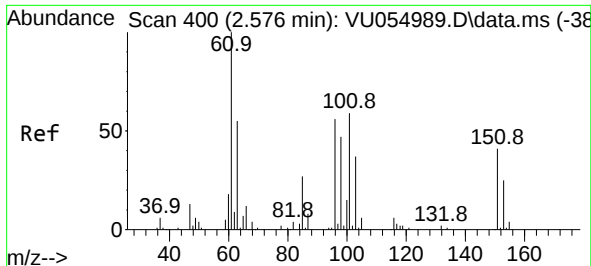
Tgt Ion: 64 Resp: 38132
Ion Ratio Lower Upper
64 100
66 31.5 21.5 39.9



#9
Trichlorofluoromethane
Concen: 5.408 ug/L
RT: 2.136 min Scan# 263
Delta R.T. -0.000 min
Lab File: VU055010.D
Acq: 30 Aug 2023 20:58

Tgt Ion:101 Resp: 86700
Ion Ratio Lower Upper
101 100
103 63.1 51.0 76.4

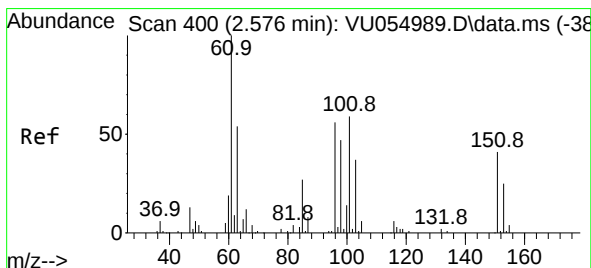
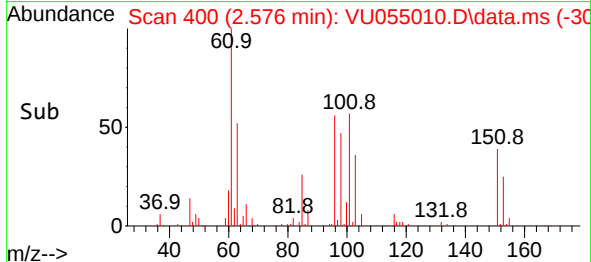
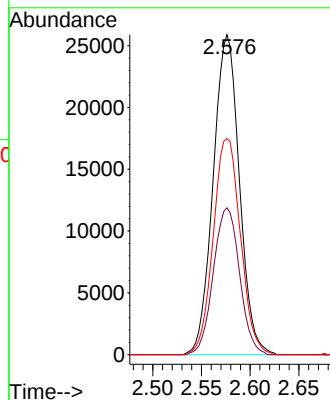
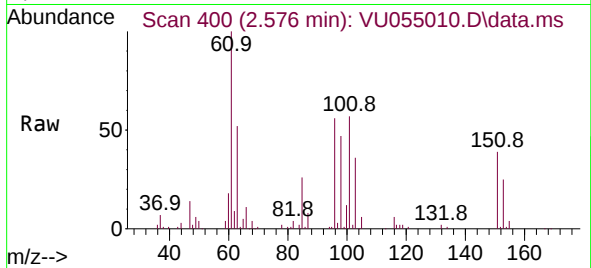




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.571 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. -0.000 min
 Lab File: VU055010.D
 Acq: 30 Aug 2023 20:58

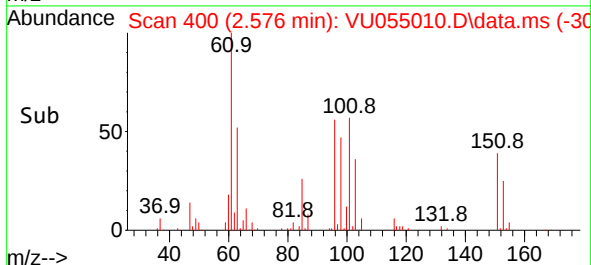
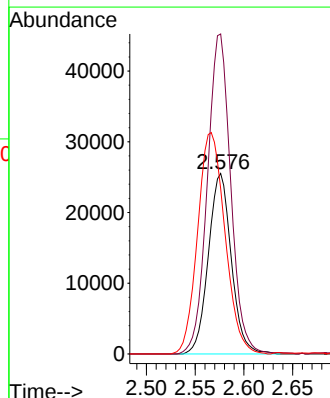
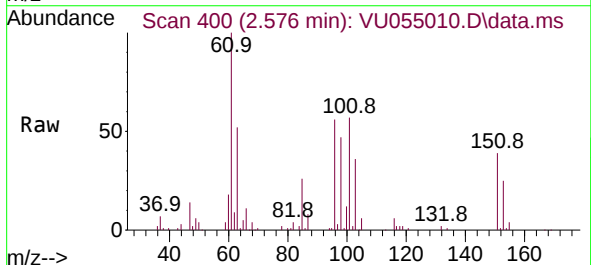
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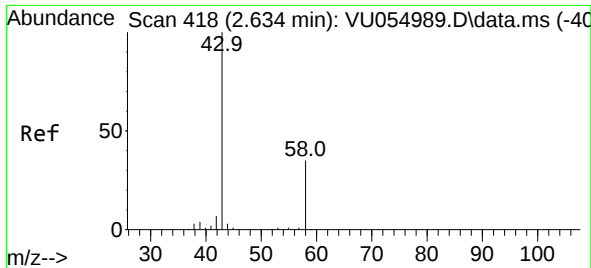
Tgt Ion:101 Resp: 48523
 Ion Ratio Lower Upper
 101 100
 85 45.8 38.3 57.5
 151 70.0 51.5 77.3



#12
 1,1-Dichloroethene
 Concen: 5.524 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. -0.000 min
 Lab File: VU055010.D
 Acq: 30 Aug 2023 20:58

Tgt Ion: 96 Resp: 41871
 Ion Ratio Lower Upper
 96 100
 61 177.3 132.4 245.8
 63 91.6 82.5 153.1





#13

Acetone

Concen: 54.735 ug/L

RT: 2.634 min Scan# 418

Delta R.T. -0.000 min

Lab File: VU055010.D

Acq: 30 Aug 2023 20:58

Instrument :

MSVOA_U

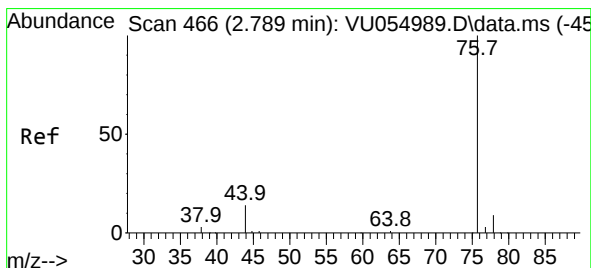
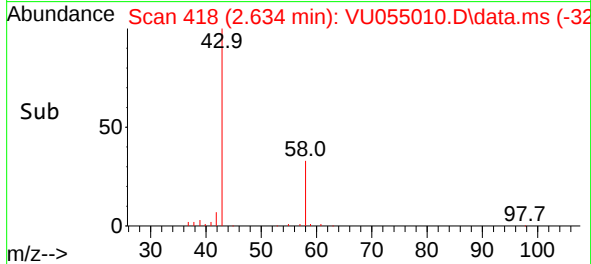
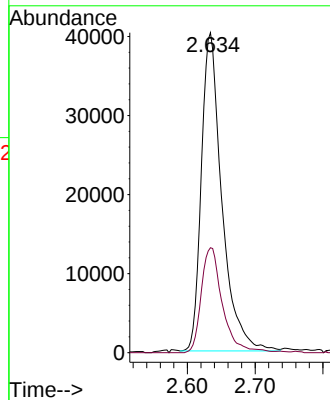
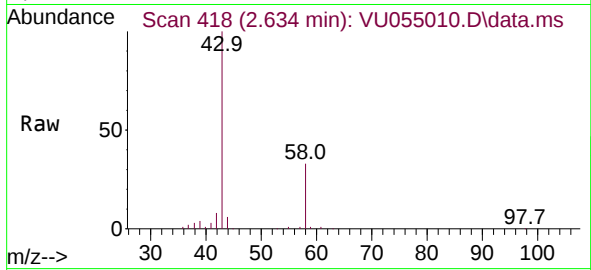
ClientSampleId :

Tgt Ion: 43 Resp: 84610

Ion Ratio Lower Upper

43 100

58 34.1 0.0 64.4



#14

Carbon disulfide

Concen: 4.997 ug/L

RT: 2.788 min Scan# 466

Delta R.T. -0.000 min

Lab File: VU055010.D

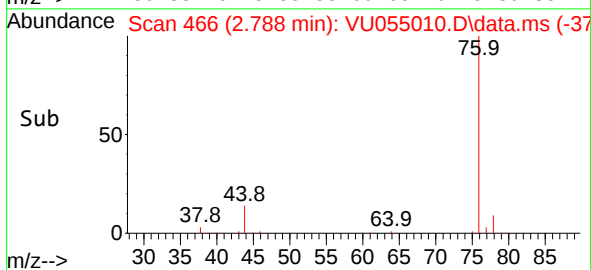
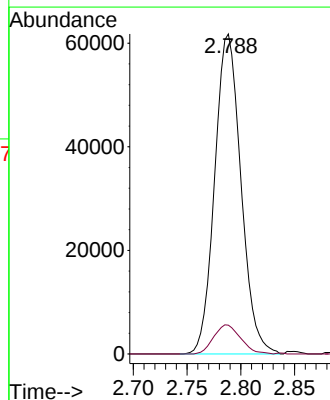
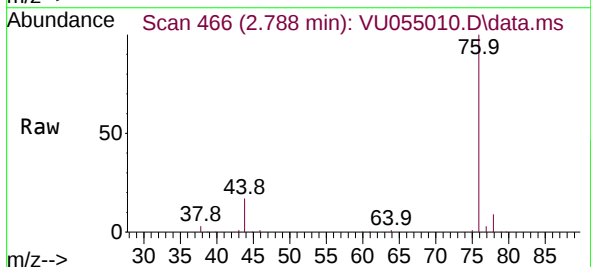
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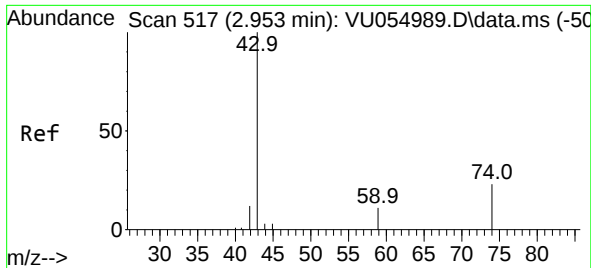
Tgt Ion: 76 Resp: 104900

Ion Ratio Lower Upper

76 100

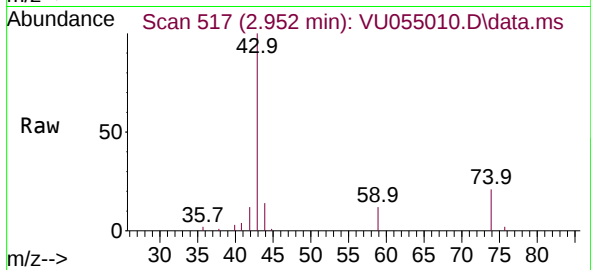
78 9.0 8.2 12.2



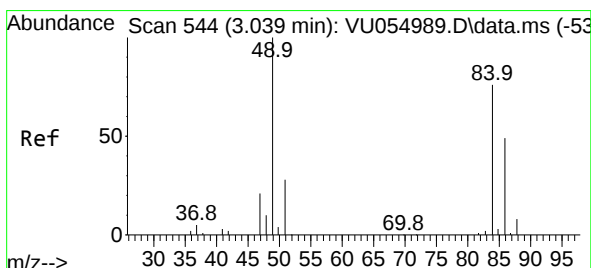
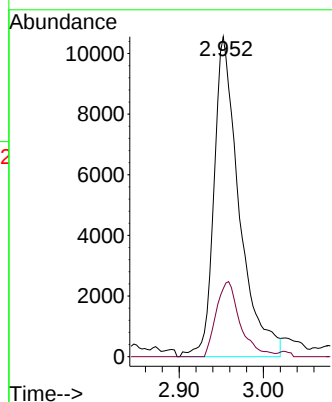
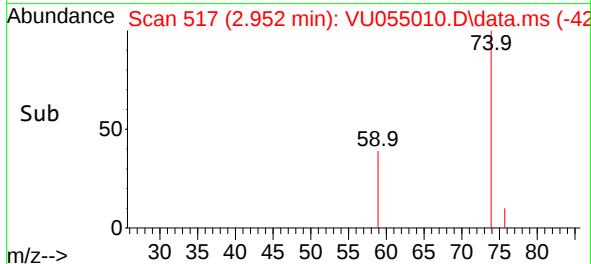


#15
Methyl Acetate
Concen: 6.931 ug/L
RT: 2.952 min Scan# 517
Delta R.T. -0.000 min
Lab File: VU055010.D
Acq: 30 Aug 2023 20:58

Instrument :
MSVOA_U
ClientSampleId :

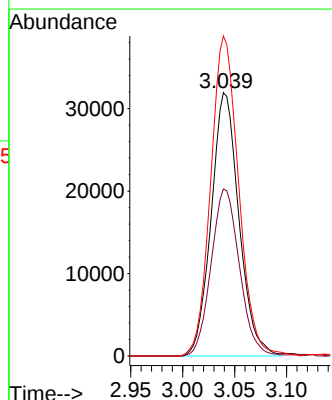
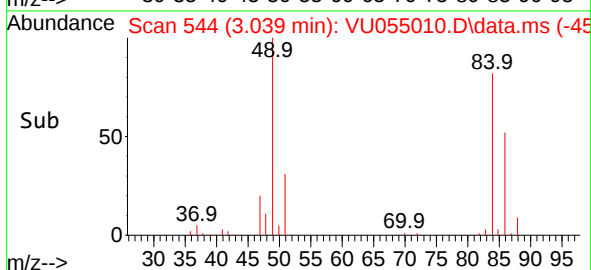
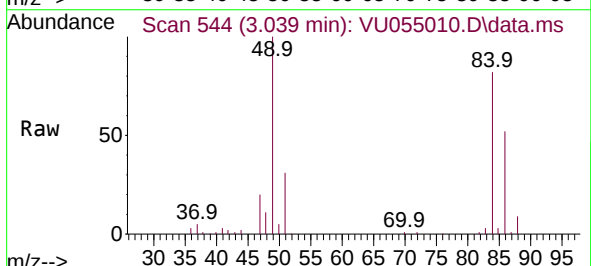


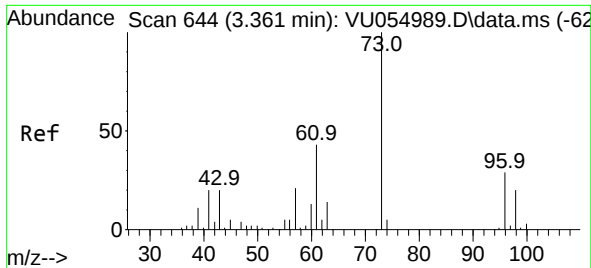
Tgt Ion: 43 Resp: 21932
Ion Ratio Lower Upper
43 100
74 22.2 19.5 29.3



#16
Methylene chloride
Concen: 5.094 ug/L
RT: 3.039 min Scan# 544
Delta R.T. -0.000 min
Lab File: VU055010.D
Acq: 30 Aug 2023 20:58

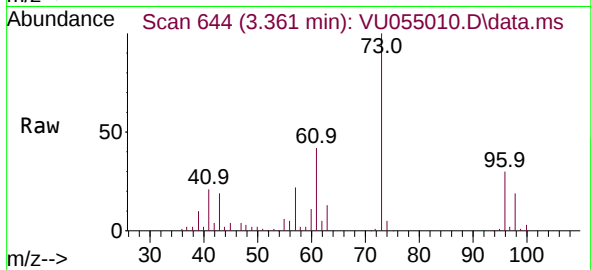
Tgt Ion: 84 Resp: 59319
Ion Ratio Lower Upper
84 100
86 63.4 45.1 83.7
49 121.5 89.5 166.3



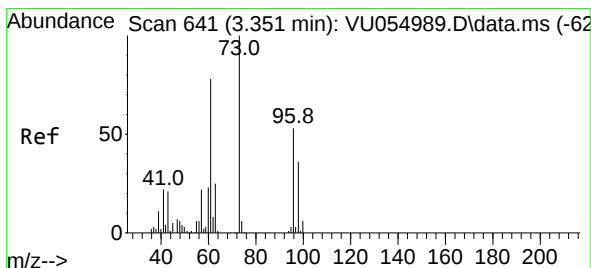
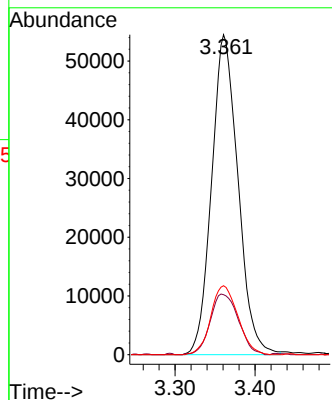
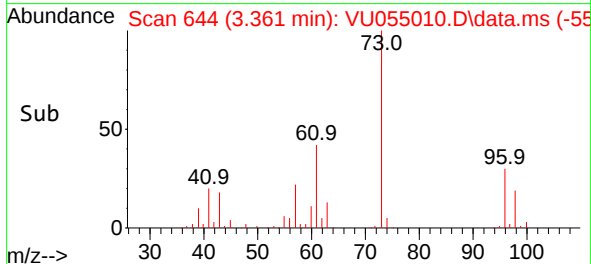


#17
Methyl tert-butyl Ether
Concen: 5.652 ug/L
RT: 3.361 min Scan# 644
Delta R.T. -0.000 min
Lab File: VU055010.D
Acq: 30 Aug 2023 20:58

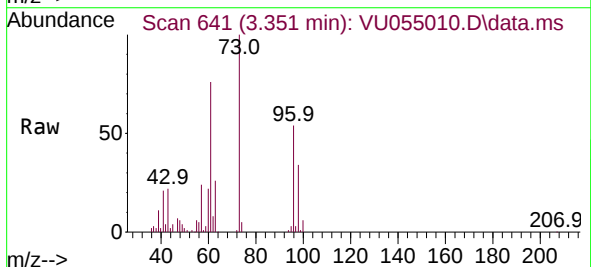
Instrument :
MSVOA_U
ClientSampleId :



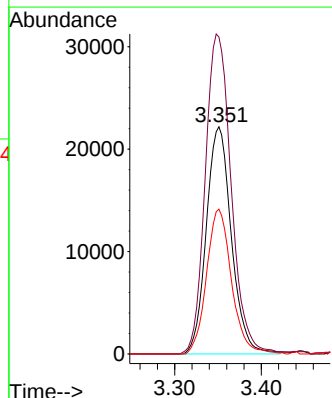
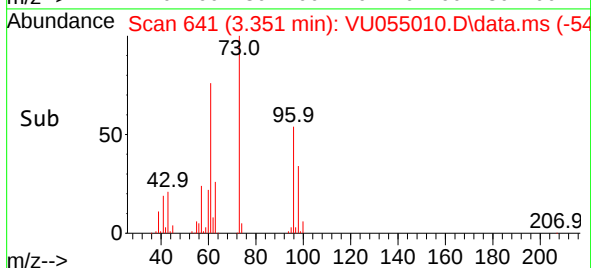
Tgt Ion: 73 Resp: 124684
Ion Ratio Lower Upper
73 100
43 20.3 16.2 24.2
57 22.1 17.4 26.0

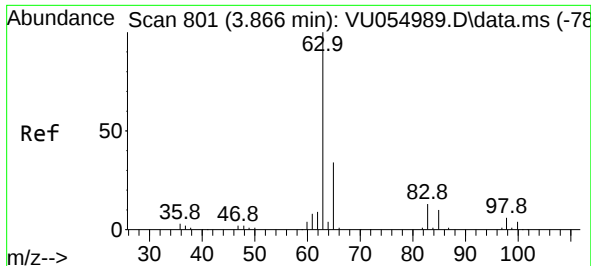


#18
trans-1,2-Dichloroethene
Concen: 5.399 ug/L
RT: 3.351 min Scan# 641
Delta R.T. -0.000 min
Lab File: VU055010.D
Acq: 30 Aug 2023 20:58



Tgt Ion: 96 Resp: 44717
Ion Ratio Lower Upper
96 100
61 139.5 108.8 202.0
98 63.7 45.8 85.2





#19

1,1-Dichloroethane

Concen: 5.561 ug/L

RT: 3.865 min Scan# 801

Delta R.T. -0.000 min

Lab File: VU055010.D

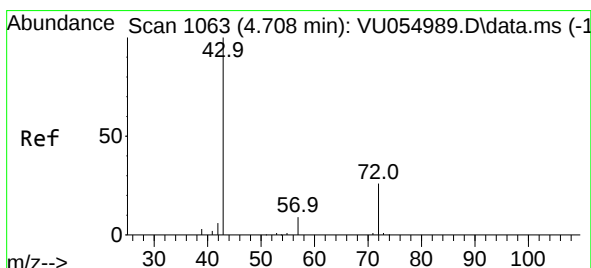
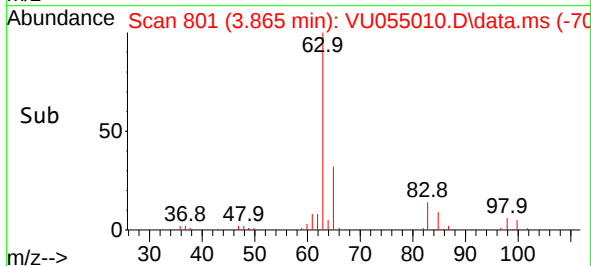
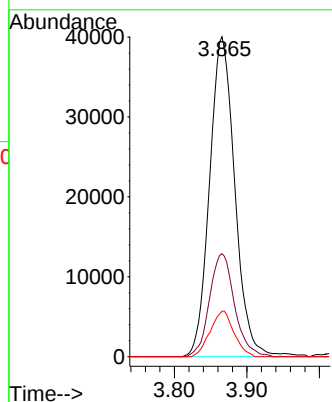
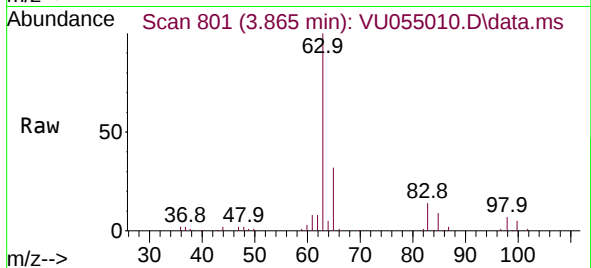
Acq: 30 Aug 2023 20:58

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	63	Resp:	96611
Ion Ratio	Lower	Upper	
63	100		
65	32.2	22.5	41.7
83	14.2	9.5	17.7



#21

2-Butanone

Concen: 59.760 ug/L

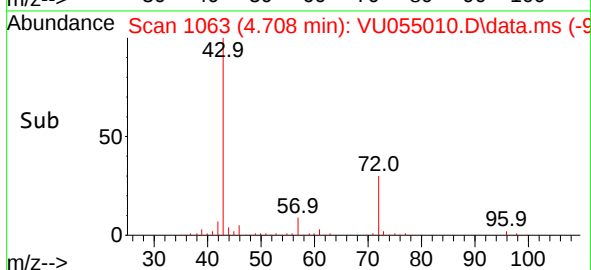
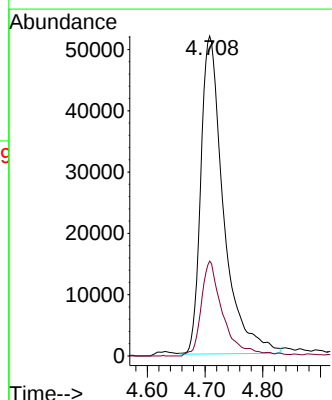
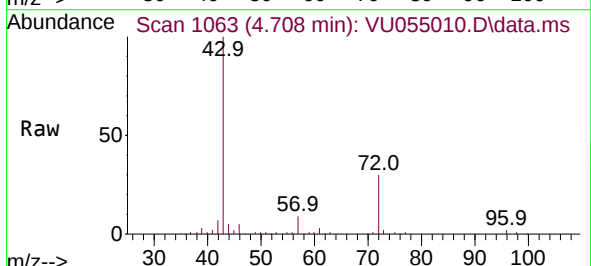
RT: 4.708 min Scan# 1063

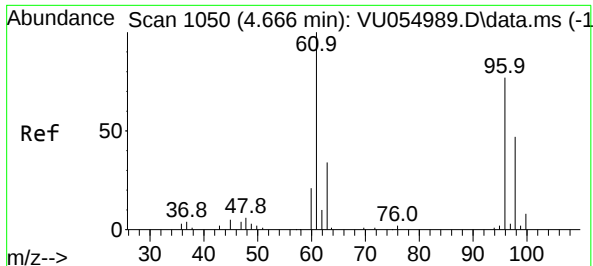
Delta R.T. -0.000 min

Lab File: VU055010.D

Acq: 30 Aug 2023 20:58

Tgt Ion:	43	Resp:	141551
Ion Ratio	Lower	Upper	
43	100		
72	28.0	14.1	42.3

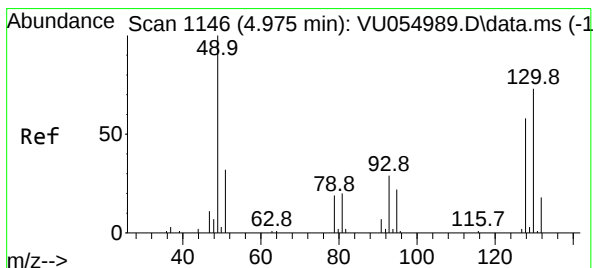
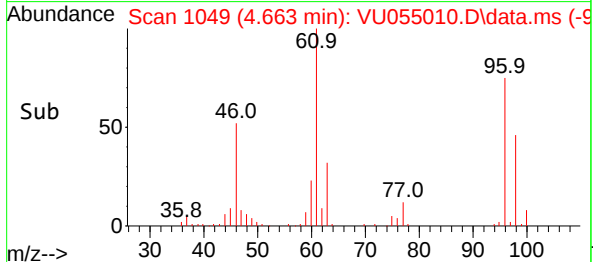
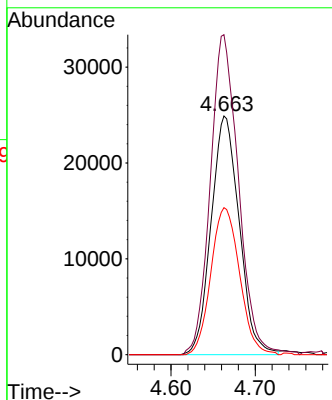
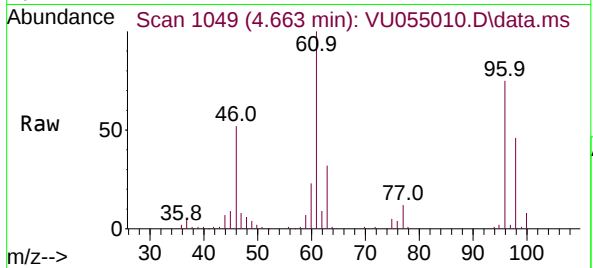




#22
 cis-1,2-Dichloroethene
 Concen: 5.839 ug/L
 RT: 4.663 min Scan# 1050
 Delta R.T. -0.004 min
 Lab File: VU055010.D
 Acq: 30 Aug 2023 20:58

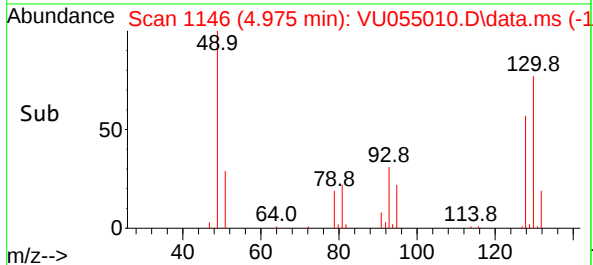
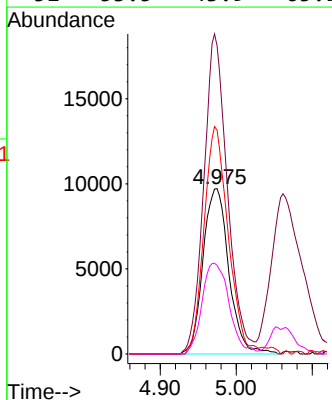
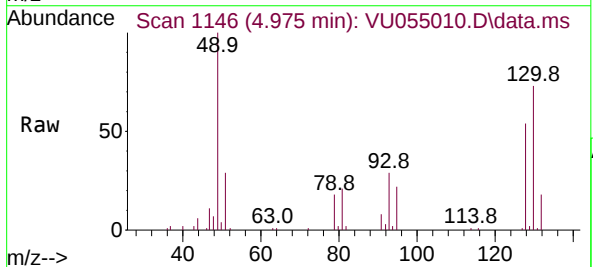
Instrument :
 MSVOA_U
 ClientSampleId :

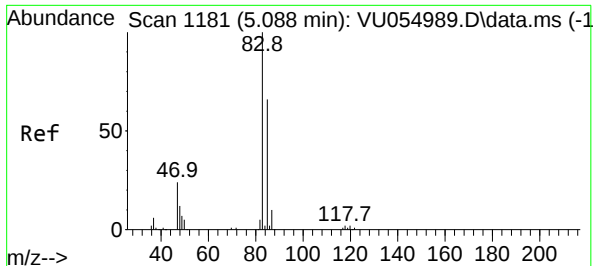
Tgt Ion: 96 Resp: 57663
 Ion Ratio Lower Upper
 96 100
 61 134.1 88.4 164.2
 98 61.6 44.0 81.6



#23
 Bromochloromethane
 Concen: 5.345 ug/L
 RT: 4.975 min Scan# 1146
 Delta R.T. -0.000 min
 Lab File: VU055010.D
 Acq: 30 Aug 2023 20:58

Tgt Ion: 128 Resp: 22839
 Ion Ratio Lower Upper
 128 100
 49 193.7 113.8 211.3
 130 135.3 83.9 155.7
 51 53.5 43.9 65.9





#25

Chloroform

Concen: 5.461 ug/L

RT: 5.084 min Scan# 1181

Delta R.T. -0.004 min

Lab File: VU055010.D

Acq: 30 Aug 2023 20:58

Instrument :

MSVOA_U

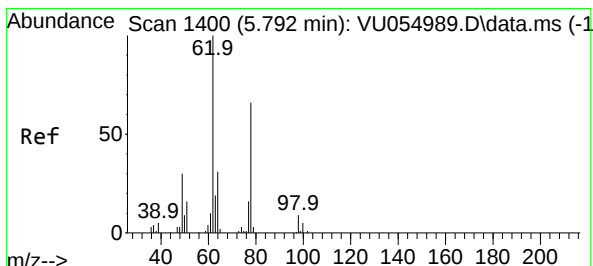
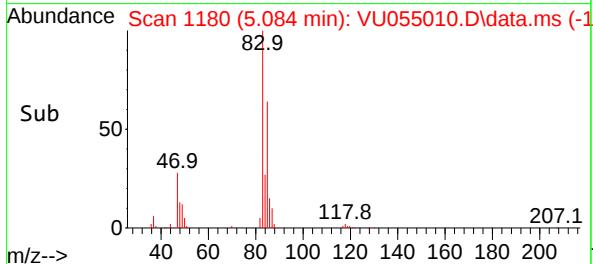
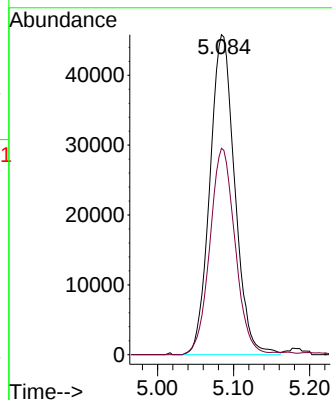
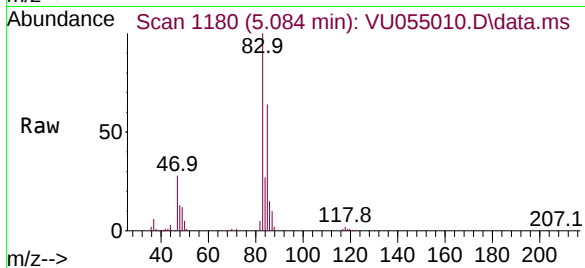
ClientSampleId :

Tgt Ion: 83 Resp: 104070

Ion Ratio Lower Upper

83 100

85 64.5 46.7 86.7



#27

1,2-Dichloroethane

Concen: 5.614 ug/L

RT: 5.791 min Scan# 1400

Delta R.T. -0.000 min

Lab File: VU055010.D

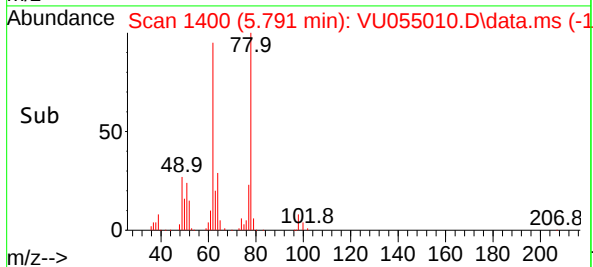
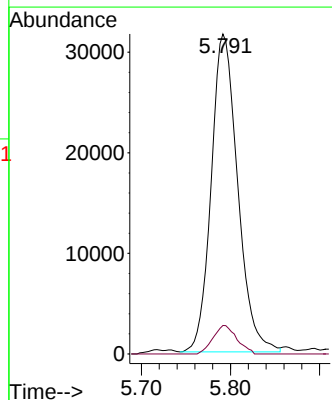
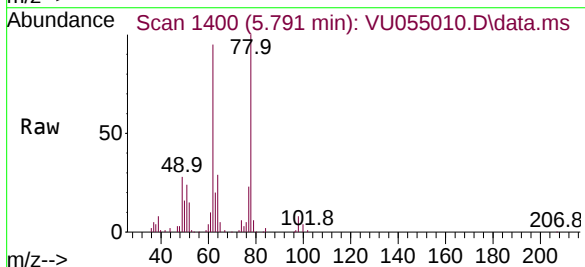
Acq: 30 Aug 2023 20:58

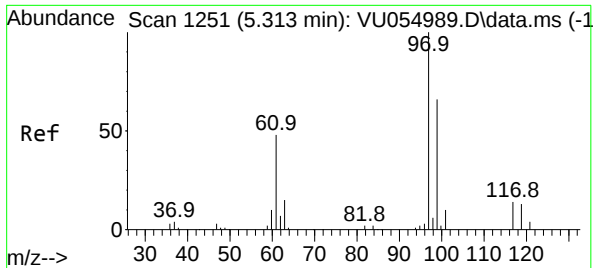
Tgt Ion: 62 Resp: 65368

Ion Ratio Lower Upper

62 100

98 8.9 7.0 10.6

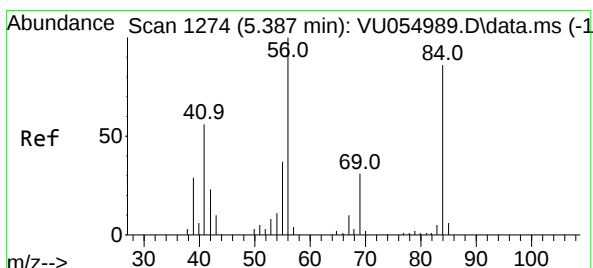
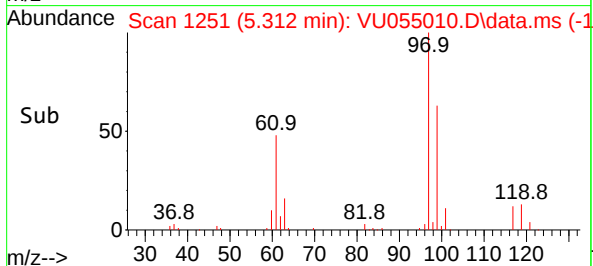
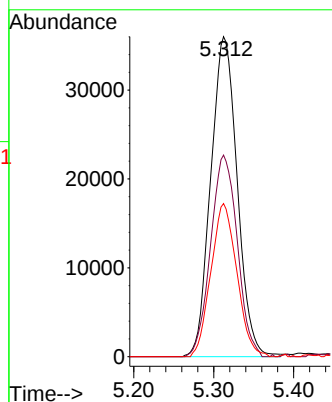
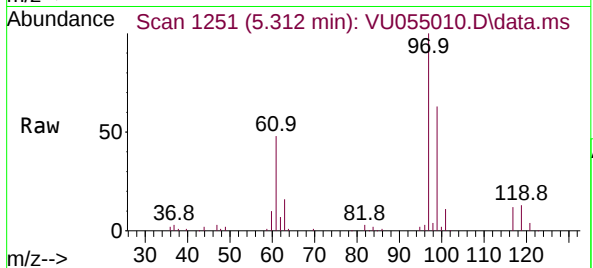




#29
1,1,1-Trichloroethane
Concen: 5.026 ug/L
RT: 5.312 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU055010.D
Acq: 30 Aug 2023 20:58

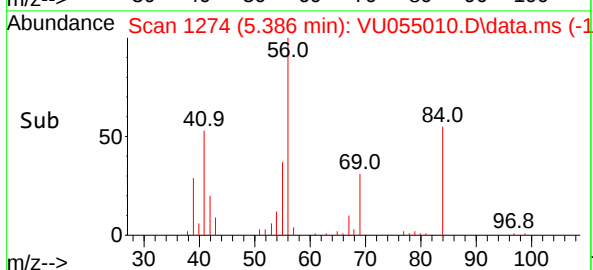
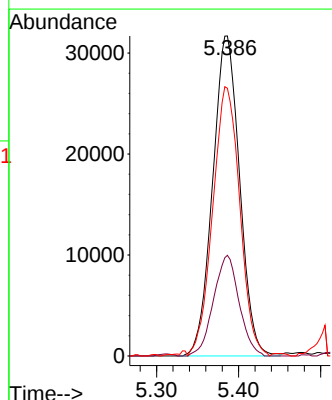
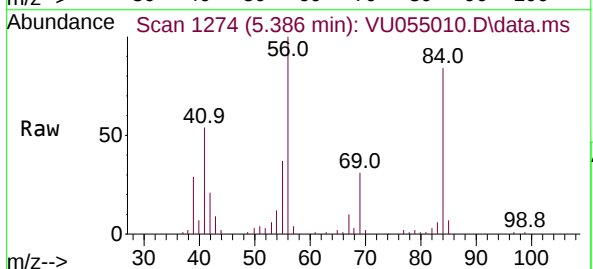
Instrument :
MSVOA_U
ClientSampleId :

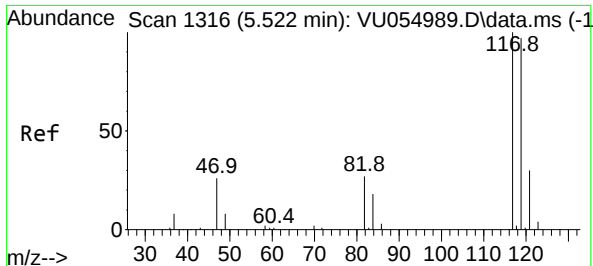
Tgt Ion: 97 Resp: 82813
Ion Ratio Lower Upper
97 100
99 63.4 51.5 77.3
61 46.9 37.2 55.8



#30
Cyclohexane
Concen: 4.957 ug/L
RT: 5.386 min Scan# 1274
Delta R.T. -0.000 min
Lab File: VU055010.D
Acq: 30 Aug 2023 20:58

Tgt Ion: 56 Resp: 72401
Ion Ratio Lower Upper
56 100
69 29.9 24.5 36.7
84 84.3 71.3 106.9

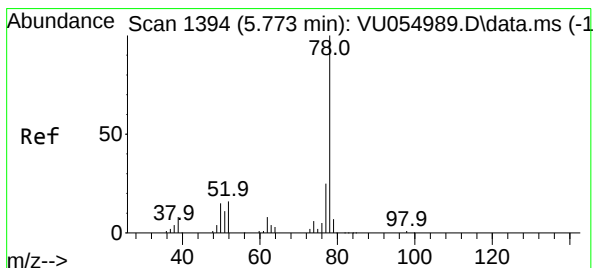
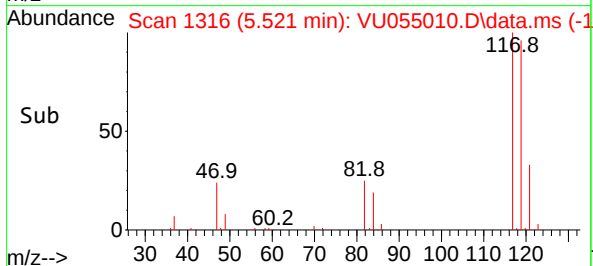
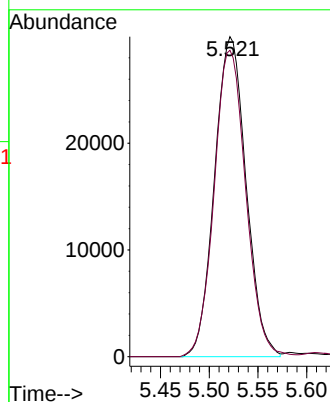
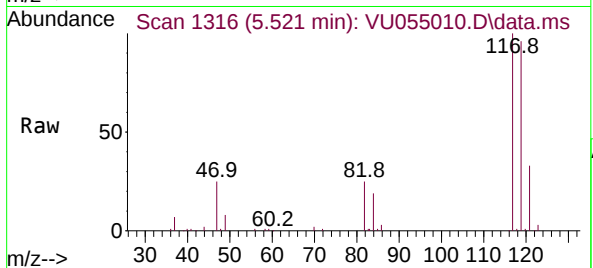




#31
Carbon tetrachloride
Concen: 4.812 ug/L
RT: 5.521 min Scan# 117
Delta R.T. -0.000 min
Lab File: VU055010.D
Acq: 30 Aug 2023 20:58

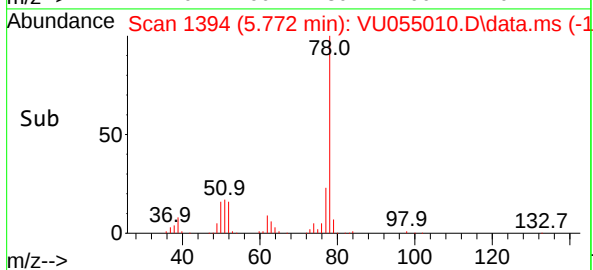
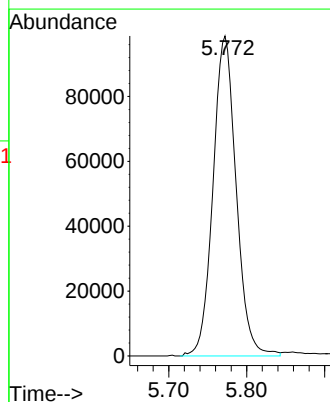
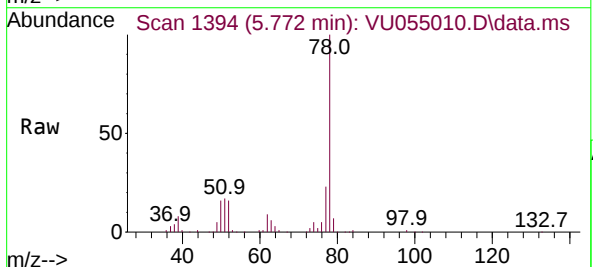
Instrument :
MSVOA_U
ClientSampleId :

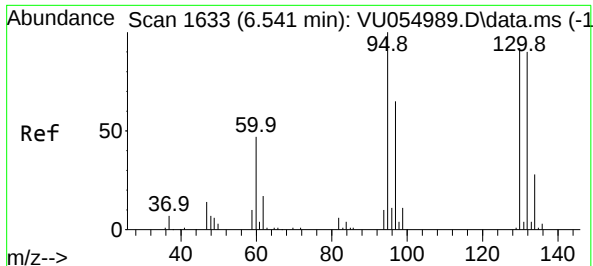
Tgt Ion:117 Resp: 67467
Ion Ratio Lower Upper
117 100
119 96.2 76.6 115.0



#33
Benzene
Concen: 5.212 ug/L
RT: 5.772 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VU055010.D
Acq: 30 Aug 2023 20:58

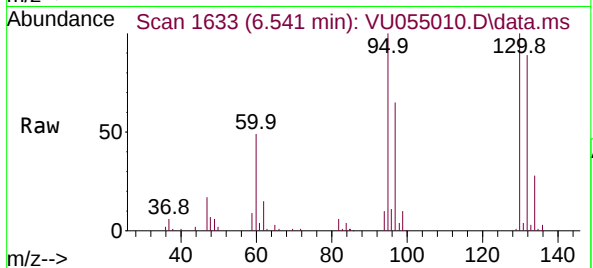
Tgt Ion: 78 Resp: 203814



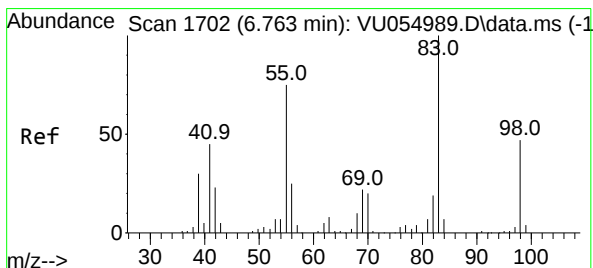
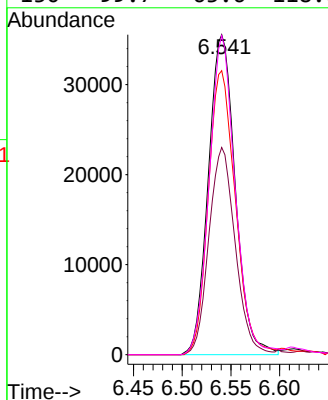
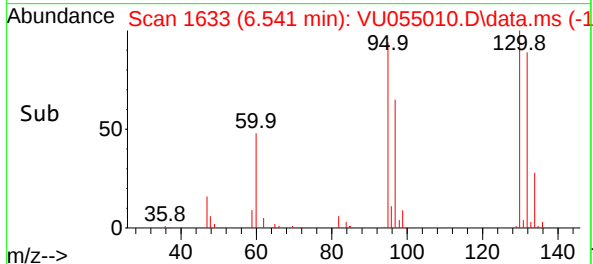


#34
Trichloroethene
Concen: 6.309 ug/L
RT: 6.541 min Scan# 1633
Delta R.T. -0.000 min
Lab File: VU055010.D
Acq: 30 Aug 2023 20:58

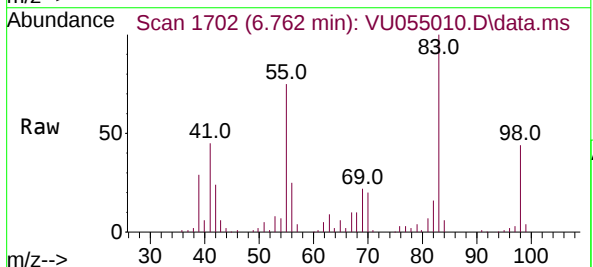
Instrument :
MSVOA_U
ClientSampleId :



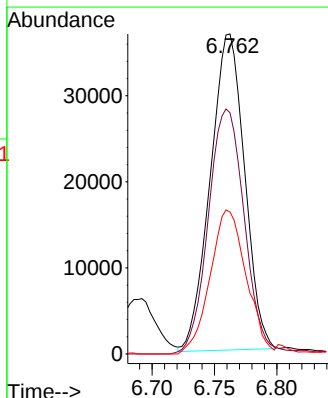
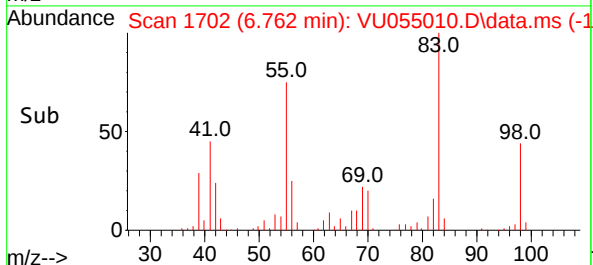
Tgt Ion: 95 Resp: 68370
Ion Ratio Lower Upper
95 100
97 64.8 44.1 81.9
132 88.7 63.6 118.2
130 99.7 63.6 118.0

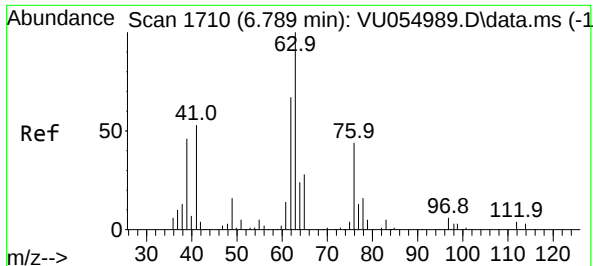


#35
Methylcyclohexane
Concen: 4.391 ug/L
RT: 6.762 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VU055010.D
Acq: 30 Aug 2023 20:58



Tgt Ion: 83 Resp: 70398
Ion Ratio Lower Upper
83 100
55 81.6 62.1 93.1
98 47.8 37.8 56.6





#37

1,2-Dichloropropane

Concen: 5.255 ug/L

RT: 6.788 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU055010.D

Acq: 30 Aug 2023 20:58

Instrument :

MSVOA_U

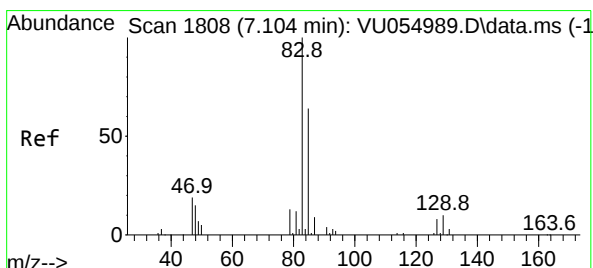
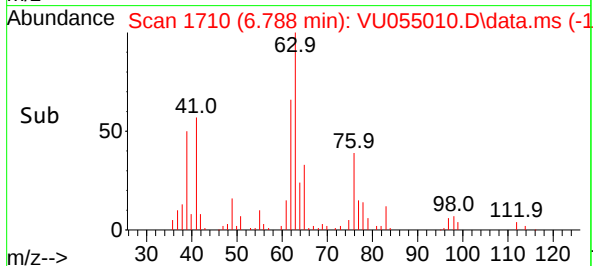
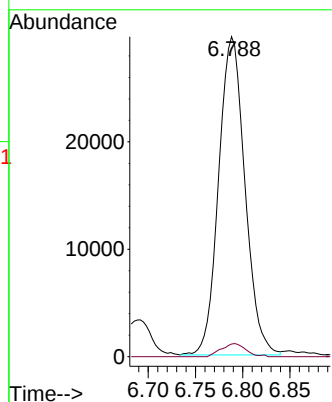
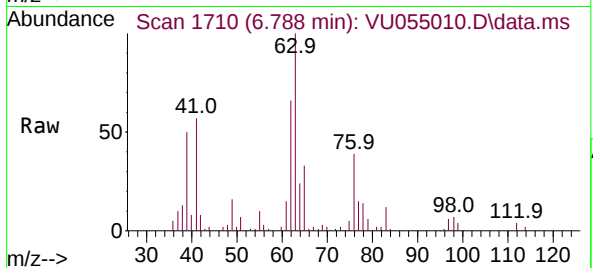
ClientSampleId :

Tgt Ion: 63 Resp: 57289

Ion Ratio Lower Upper

63 100

112 3.8 2.7 4.1



#38

Bromodichloromethane

Concen: 5.161 ug/L

RT: 7.103 min Scan# 1808

Delta R.T. -0.000 min

Lab File: VU055010.D

Acq: 30 Aug 2023 20:58

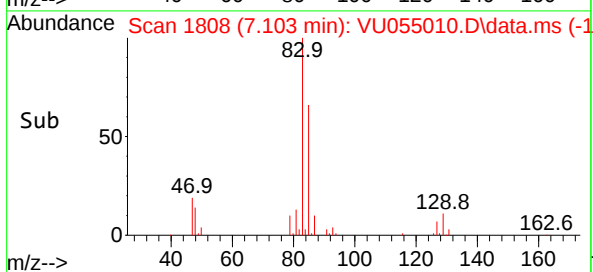
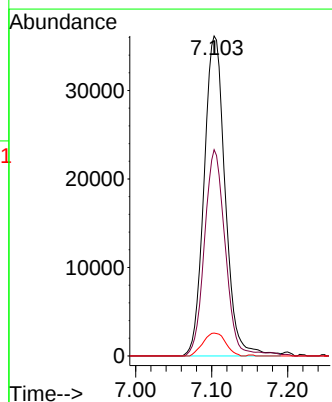
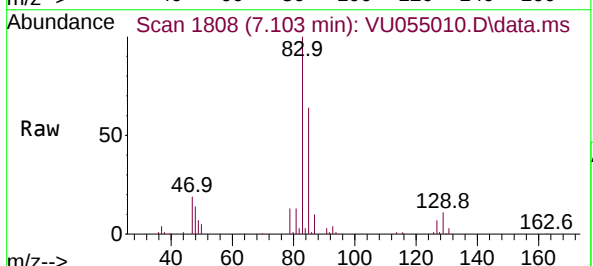
Tgt Ion: 83 Resp: 69792

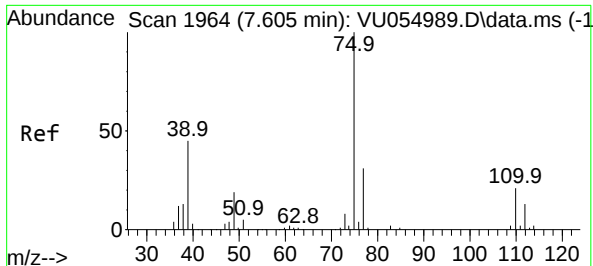
Ion Ratio Lower Upper

83 100

85 64.5 45.1 83.7

127 7.8 7.1 10.7





#39

cis-1,3-Dichloropropene

Concen: 4.471 ug/L

RT: 7.605 min Scan# 1964

Delta R.T. -0.000 min

Lab File: VU055010.D

Acq: 30 Aug 2023 20:58

Instrument :

MSVOA_U

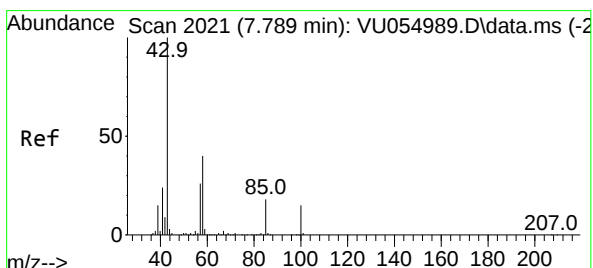
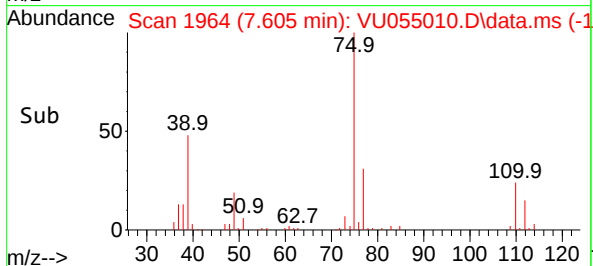
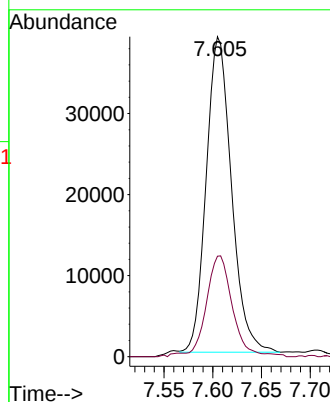
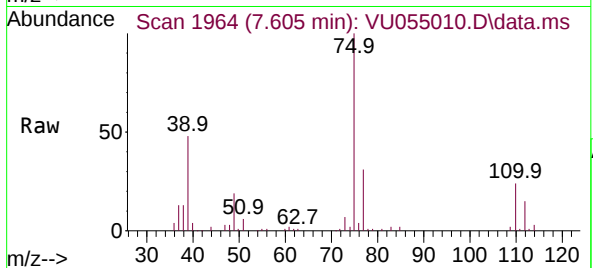
ClientSampleId :

Tgt Ion: 75 Resp: 70244

Ion Ratio Lower Upper

75 100

77 31.4 22.5 41.7



#40

4-Methyl-2-pentanone

Concen: 58.052 ug/L

RT: 7.788 min Scan# 2021

Delta R.T. -0.000 min

Lab File: VU055010.D

Acq: 30 Aug 2023 20:58

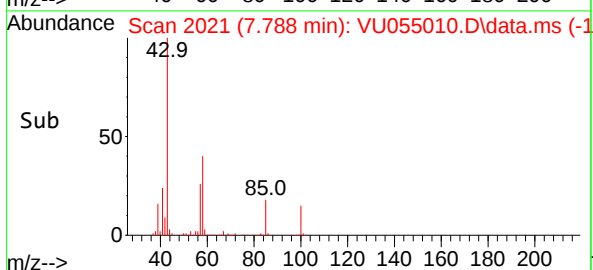
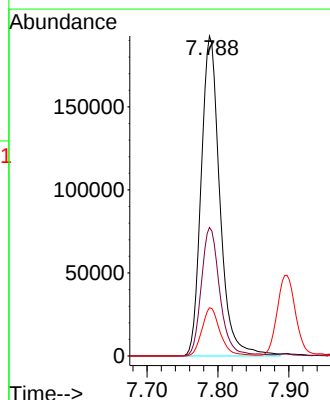
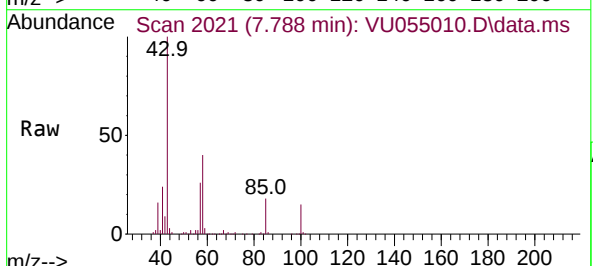
Tgt Ion: 43 Resp: 352808

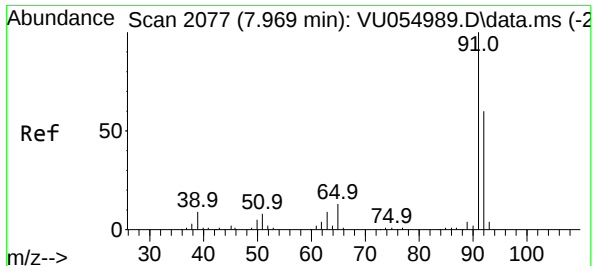
Ion Ratio Lower Upper

43 100

58 39.6 32.1 48.1

100 14.7 11.8 17.6





#42

Toluene

Concen: 4.920 ug/L

RT: 7.965 min Scan# 2077

Delta R.T. -0.004 min

Lab File: VU055010.D

Acq: 30 Aug 2023 20:58

Instrument :

MSVOA_U

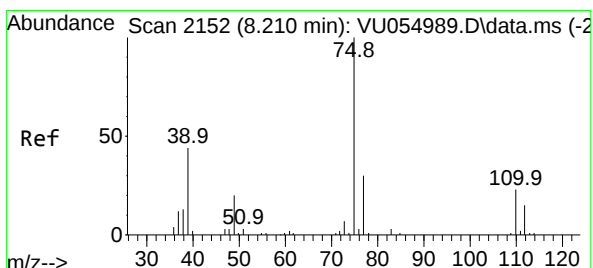
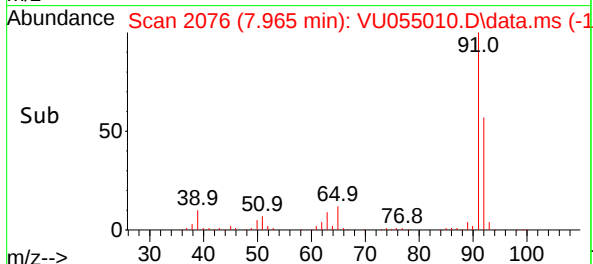
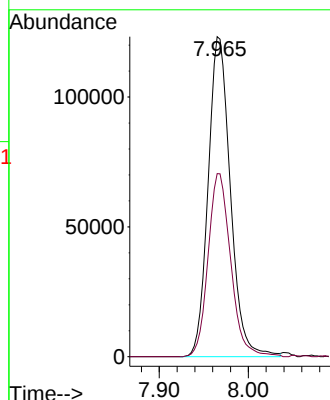
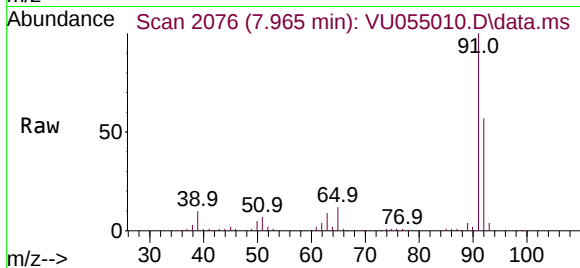
ClientSampleId :

Tgt Ion: 91 Resp: 213490

Ion Ratio Lower Upper

91 100

92 57.2 41.2 76.4



#44

trans-1,3-Dichloropropene

Concen: 4.836 ug/L

RT: 8.209 min Scan# 2152

Delta R.T. -0.000 min

Lab File: VU055010.D

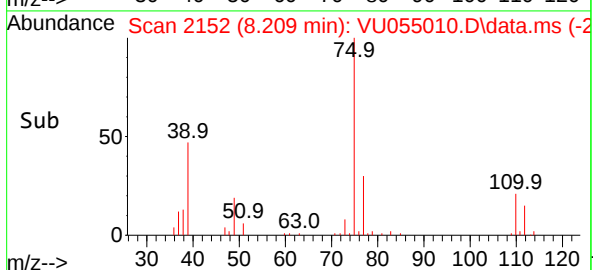
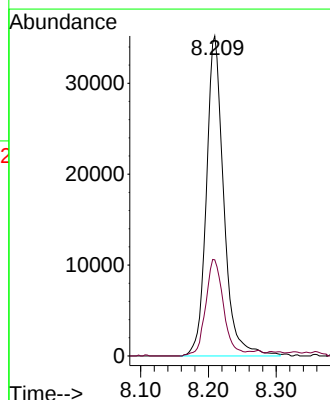
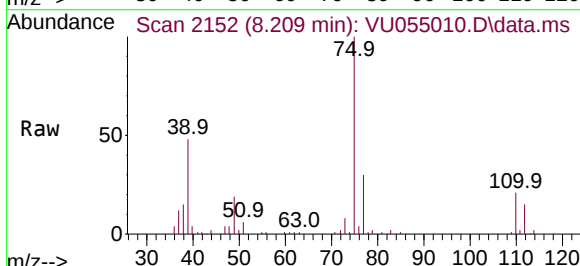
Acq: 30 Aug 2023 20:58

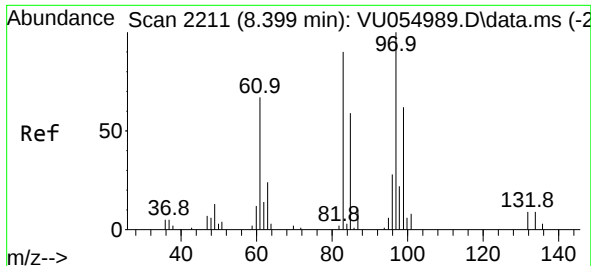
Tgt Ion: 75 Resp: 62739

Ion Ratio Lower Upper

75 100

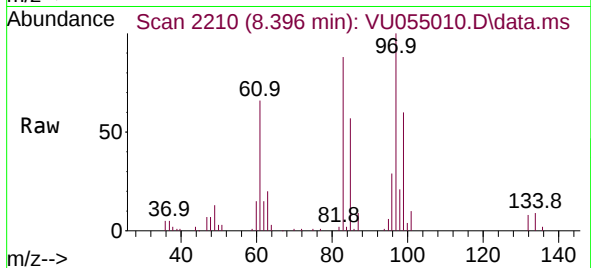
77 30.1 21.3 39.5



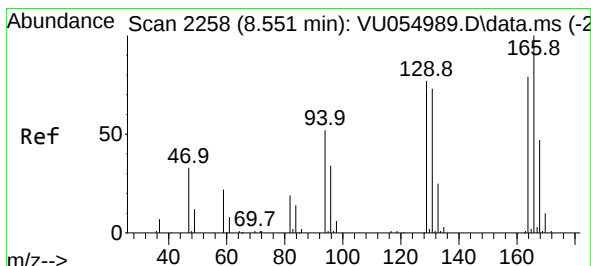
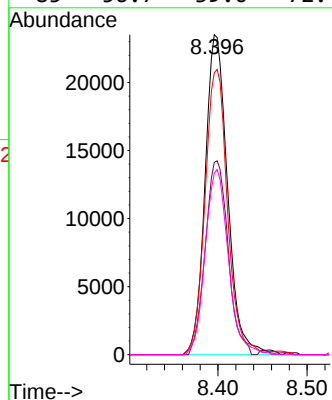
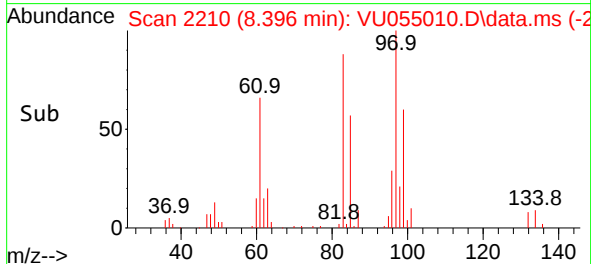


#45
1,1,2-Trichloroethane
Concen: 5.613 ug/L
RT: 8.396 min Scan# 2110
Delta R.T. -0.004 min
Lab File: VU055010.D
Acq: 30 Aug 2023 20:58

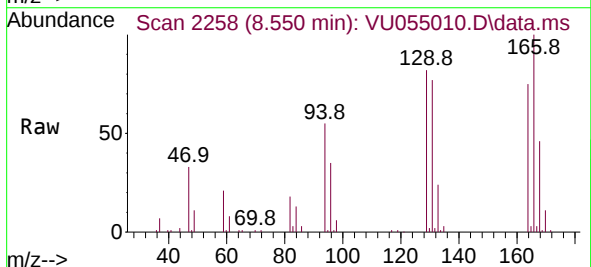
Instrument :
MSVOA_U
ClientSampleId :



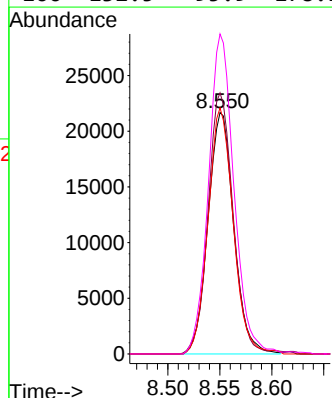
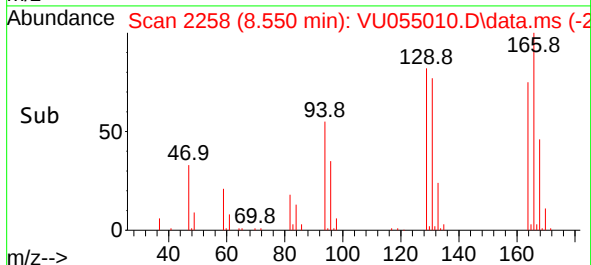
Tgt Ion:	97	Resp:	41301
Ion	Ratio	Lower	Upper
97	100		
99	60.1	41.5	77.1
83	88.1	59.8	111.1
85	56.7	39.0	72.4

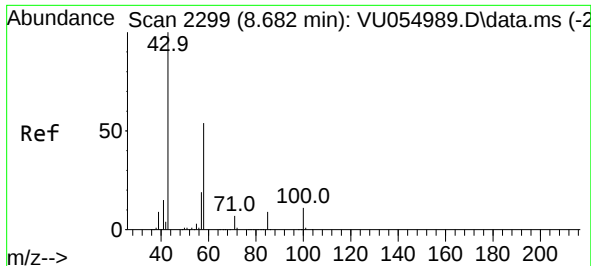


#47
Tetrachloroethene
Concen: 4.797 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. -0.000 min
Lab File: VU055010.D
Acq: 30 Aug 2023 20:58



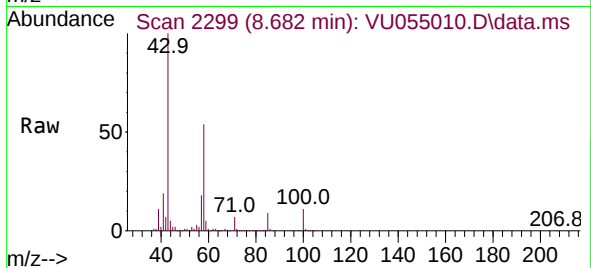
Tgt Ion:	164	Resp:	37355
Ion	Ratio	Lower	Upper
164	100		
129	108.1	72.8	135.2
131	101.9	70.7	131.3
166	132.5	95.9	178.1



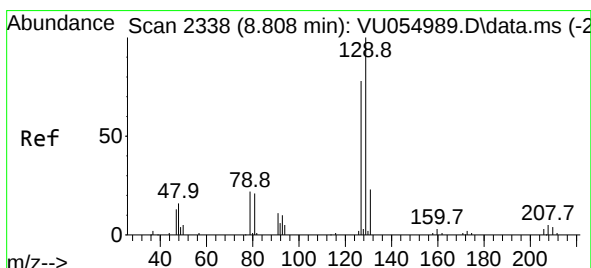
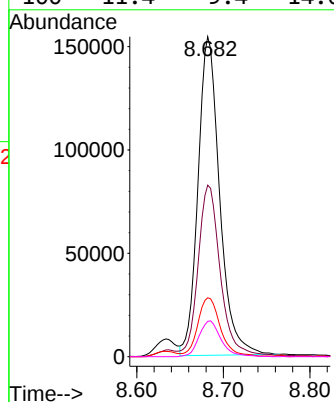
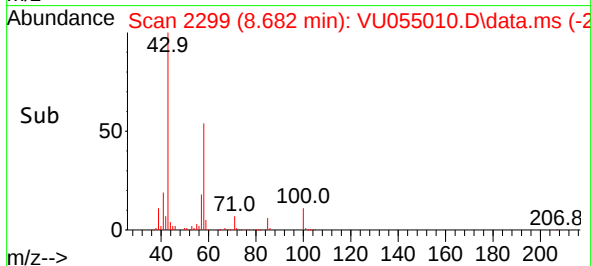


#48
2-Hexanone
Concen: 59.492 ug/L
RT: 8.682 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU055010.D
Acq: 30 Aug 2023 20:58

Instrument :
MSVOA_U
ClientSampleId :

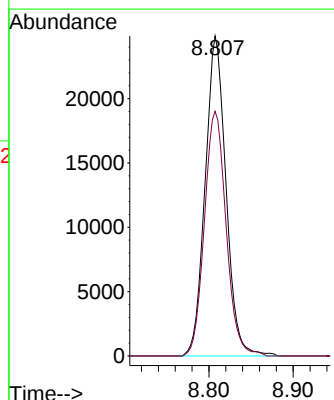
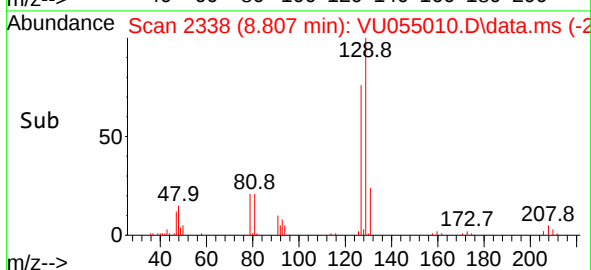
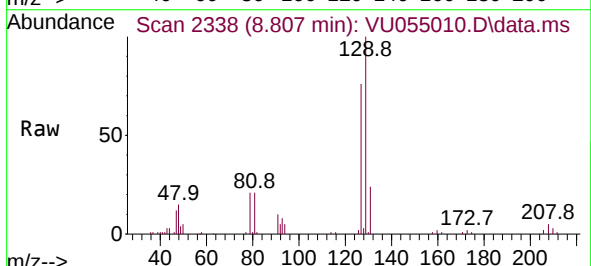


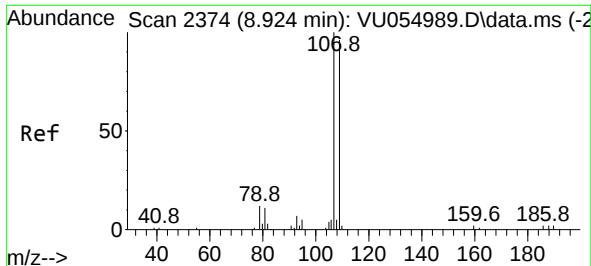
Tgt Ion:	43	Resp:	267760
Ion	Ratio	Lower	Upper
43	100		
58	54.9	44.0	66.0
57	19.1	15.9	23.9
100	11.4	9.4	14.0



#49
Dibromochloromethane
Concen: 5.022 ug/L
RT: 8.807 min Scan# 2338
Delta R.T. -0.000 min
Lab File: VU055010.D
Acq: 30 Aug 2023 20:58

Tgt Ion:	129	Resp:	42805
Ion	Ratio	Lower	Upper
129	100		
127	76.5	60.5	112.5





#50

1,2-Dibromoethane

Concen: 5.531 ug/L

RT: 8.923 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU055010.D

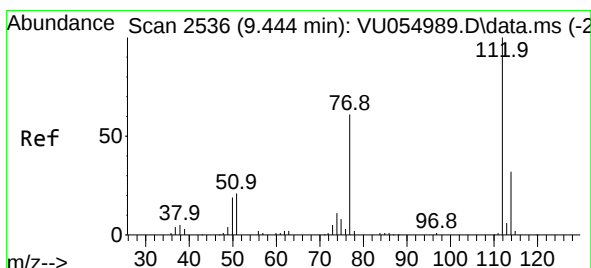
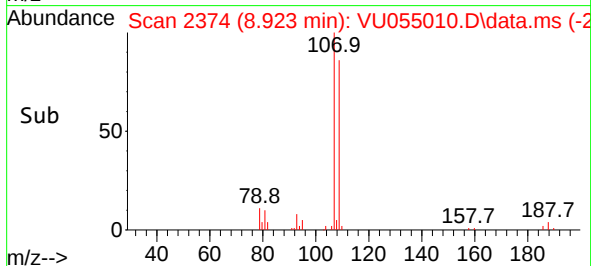
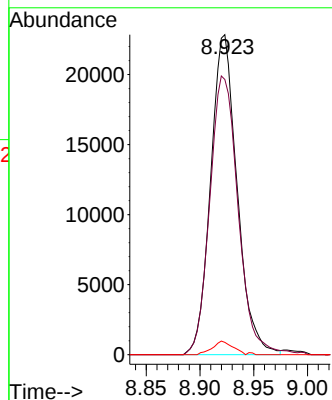
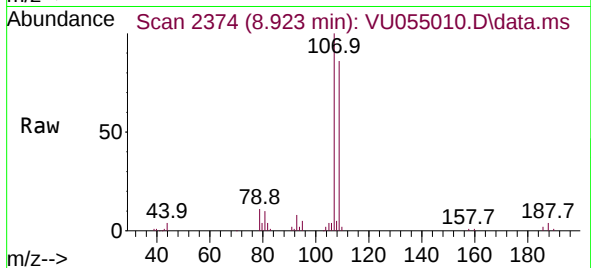
Acq: 30 Aug 2023 20:58

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	107	Resp:	39175
Ion	Ratio	Lower	Upper
107	100		
109	86.0	67.8	125.8
188	3.8	2.5	3.7#



#51

Chlorobenzene

Concen: 5.035 ug/L

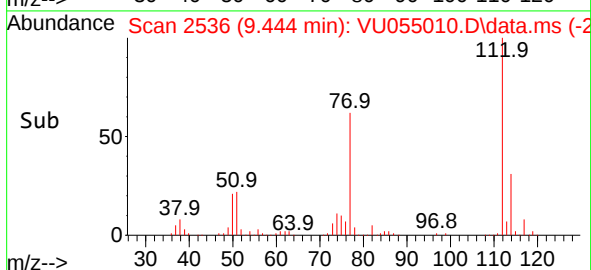
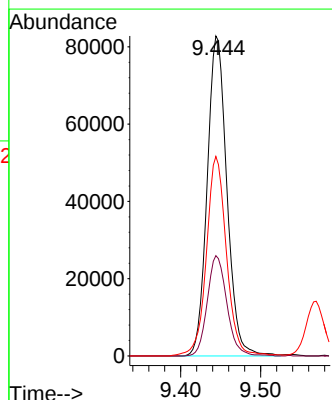
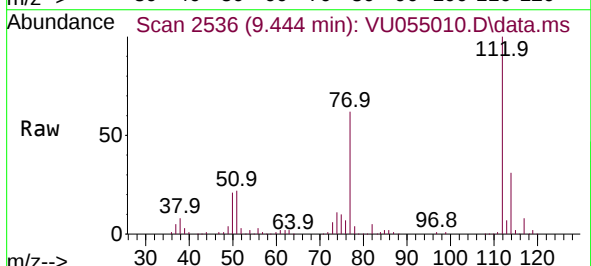
RT: 9.444 min Scan# 2536

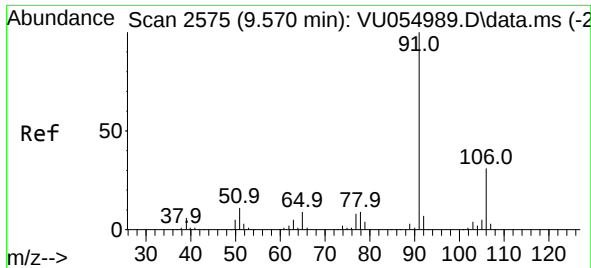
Delta R.T. -0.000 min

Lab File: VU055010.D

Acq: 30 Aug 2023 20:58

Tgt Ion:	112	Resp:	142212
Ion	Ratio	Lower	Upper
112	100		
114	31.3	23.4	43.4
77	62.3	49.3	73.9

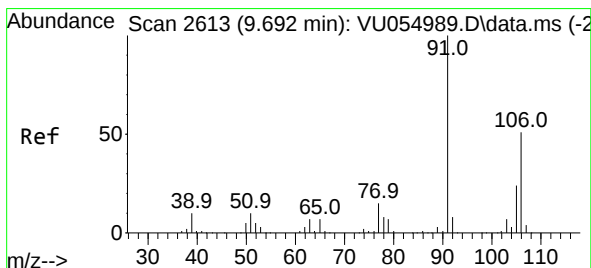
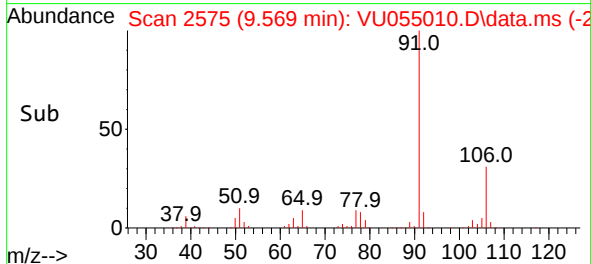
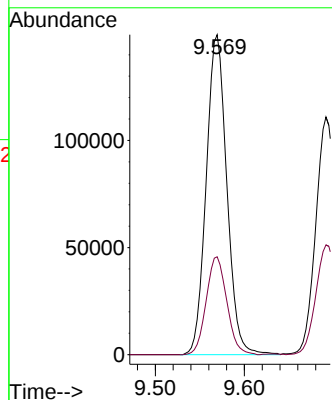
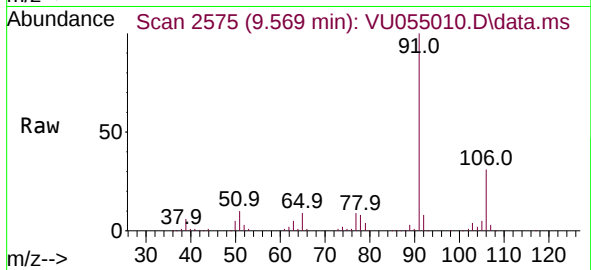




#52
Ethylbenzene
Concen: 4.904 ug/L
RT: 9.569 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU055010.D
Acq: 30 Aug 2023 20:58

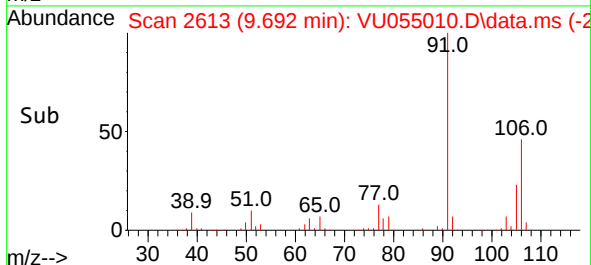
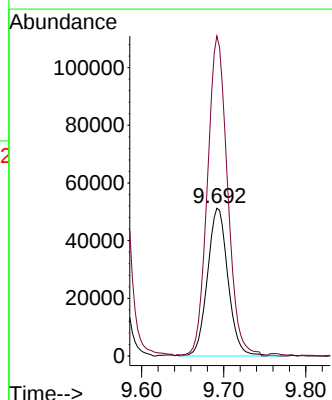
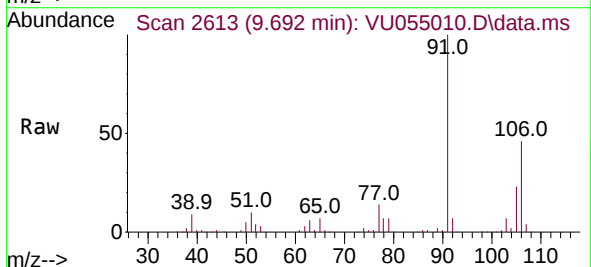
Instrument :
MSVOA_U
ClientSampleId :

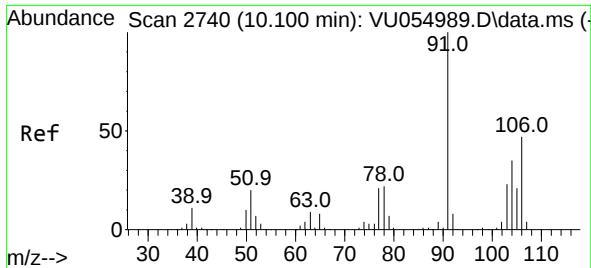
Tgt Ion: 91 Resp: 240009
Ion Ratio Lower Upper
91 100
106 30.6 21.2 39.4



#53
m,p-Xylene
Concen: 4.847 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. -0.000 min
Lab File: VU055010.D
Acq: 30 Aug 2023 20:58

Tgt Ion:106 Resp: 88897
Ion Ratio Lower Upper
106 100
91 216.7 147.7 274.3

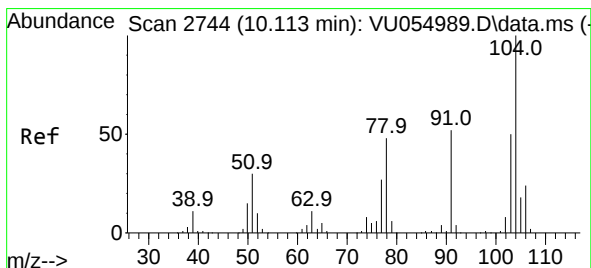
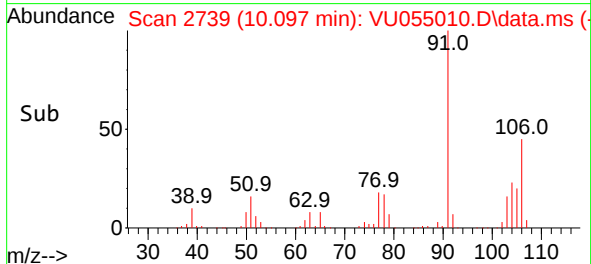
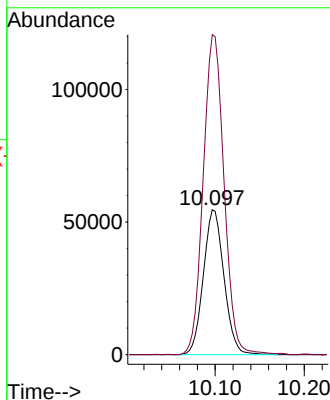
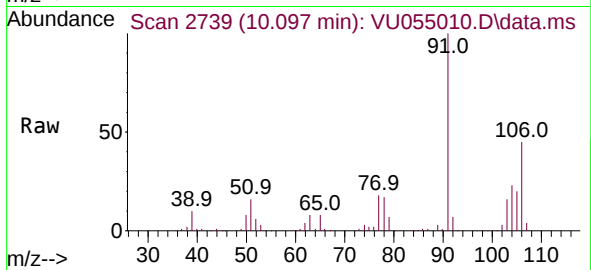




#54
o-Xylene
Concen: 4.992 ug/L
RT: 10.097 min Scan# 21
Delta R.T. -0.004 min
Lab File: VU055010.D
Acq: 30 Aug 2023 20:58

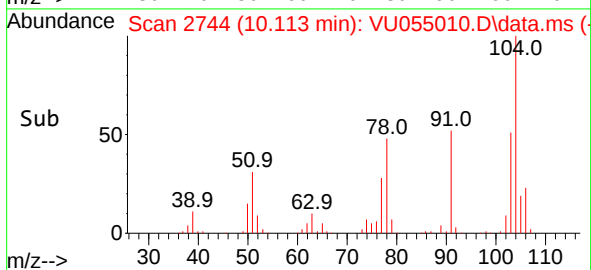
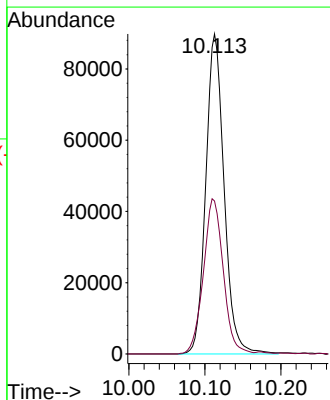
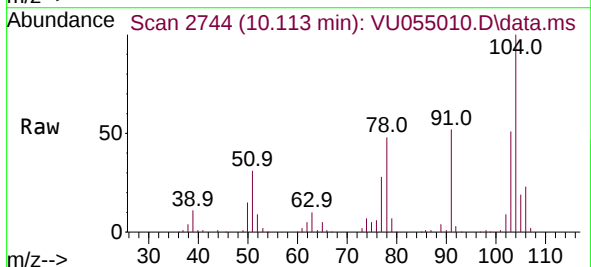
Instrument :
MSVOA_U
ClientSampleId :

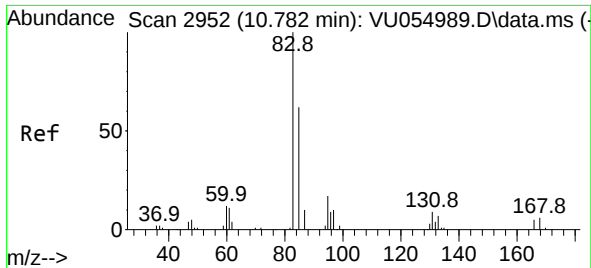
Tgt Ion:106 Resp: 87764
Ion Ratio Lower Upper
106 100
91 220.7 154.2 286.4



#55
Styrene
Concen: 5.189 ug/L
RT: 10.113 min Scan# 2744
Delta R.T. -0.000 min
Lab File: VU055010.D
Acq: 30 Aug 2023 20:58

Tgt Ion:104 Resp: 150408
Ion Ratio Lower Upper
104 100
78 47.8 33.7 62.7

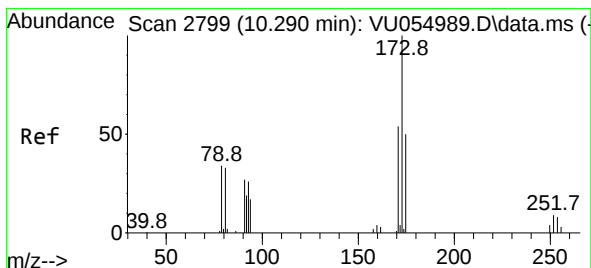
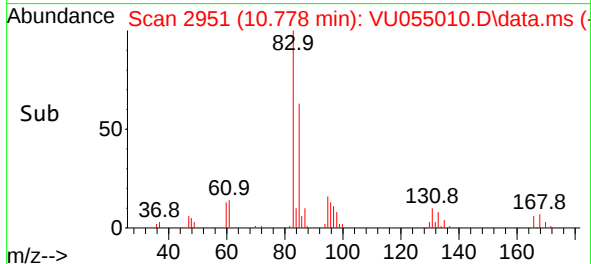
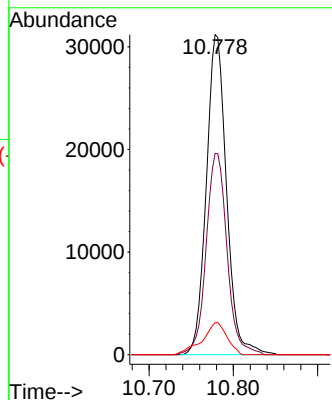
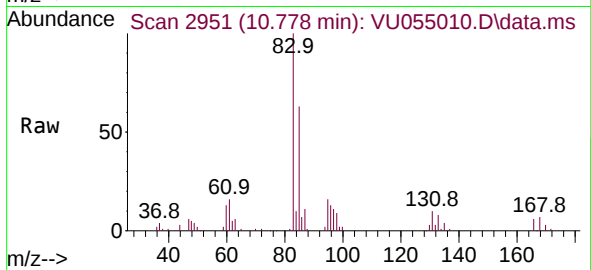




#57
1,1,2,2-Tetrachloroethane
Concen: 5.720 ug/L
RT: 10.778 min Scan# 2951
Delta R.T. -0.004 min
Lab File: VU055010.D
Acq: 30 Aug 2023 20:58

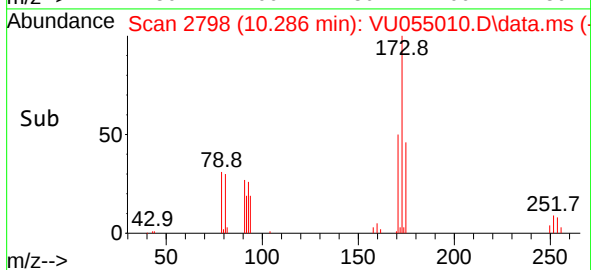
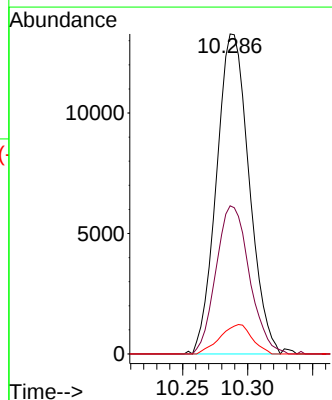
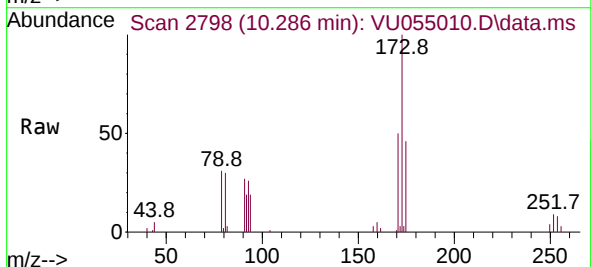
Instrument :
MSVOA_U
ClientSampleId :

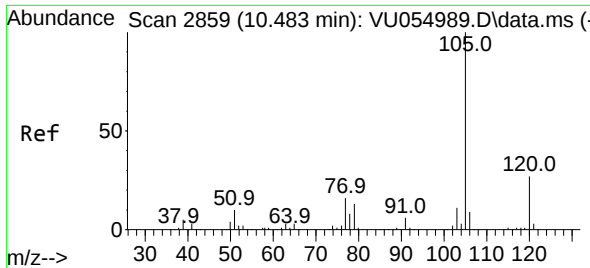
Tgt Ion: 83 Resp: 52064
Ion Ratio Lower Upper
83 100
85 62.9 46.1 85.5
131 10.0 7.7 11.5



#59
Bromoform
Concen: 5.028 ug/L
RT: 10.286 min Scan# 2798
Delta R.T. -0.004 min
Lab File: VU055010.D
Acq: 30 Aug 2023 20:58

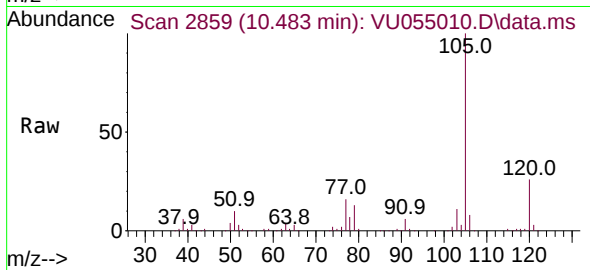
Tgt Ion:173 Resp: 23163
Ion Ratio Lower Upper
173 100
175 47.4 40.8 61.2
254 9.0 6.8 10.2



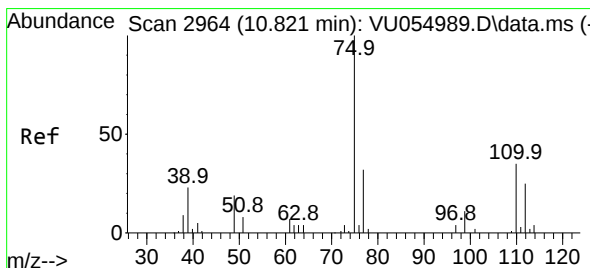
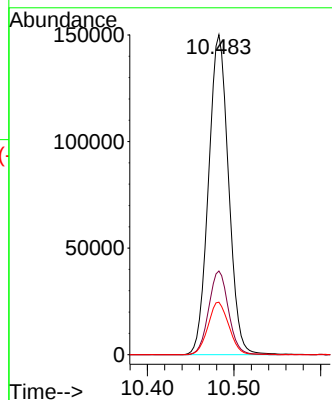
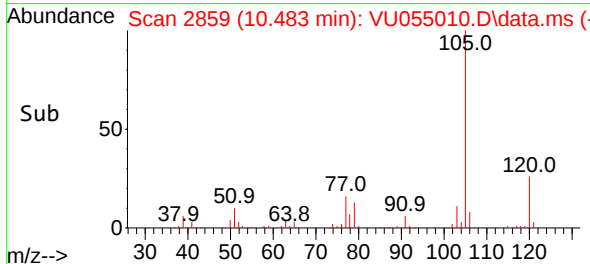


#60
Isopropylbenzene
Concen: 4.842 ug/L
RT: 10.483 min Scan# 2859
Delta R.T. -0.000 min
Lab File: VU055010.D
Acq: 30 Aug 2023 20:58

Instrument :
MSVOA_U
ClientSampleId :

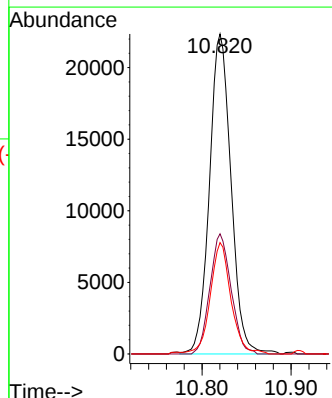
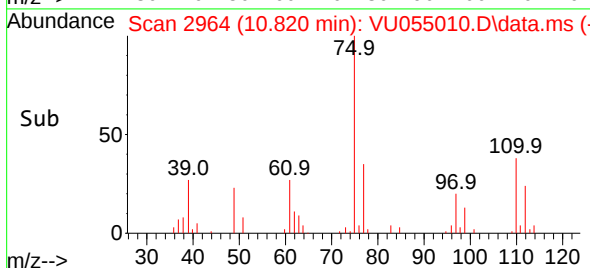
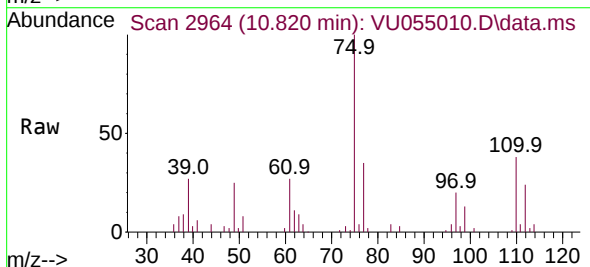


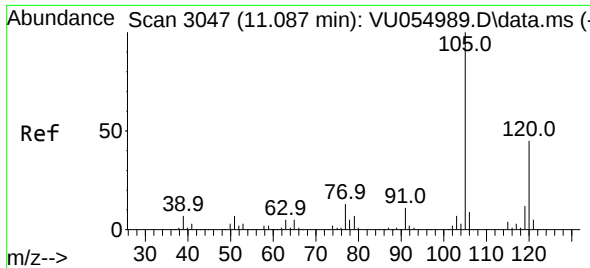
Tgt Ion:105 Resp: 241026
Ion Ratio Lower Upper
105 100
120 25.8 20.8 31.2
77 17.1 13.0 19.4



#61
1,2,3-Trichloropropane
Concen: 5.445 ug/L
RT: 10.820 min Scan# 2964
Delta R.T. -0.000 min
Lab File: VU055010.D
Acq: 30 Aug 2023 20:58

Tgt Ion: 75 Resp: 37598
Ion Ratio Lower Upper
75 100
110 36.7 29.0 43.6
77 33.5 26.5 39.7

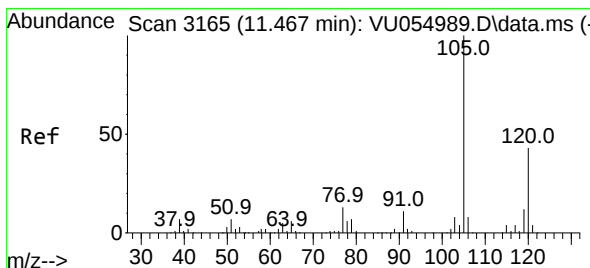
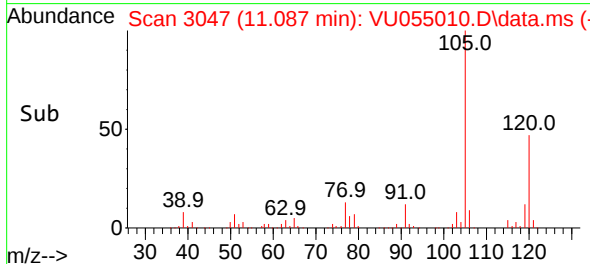
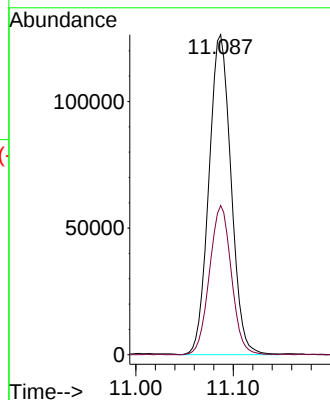
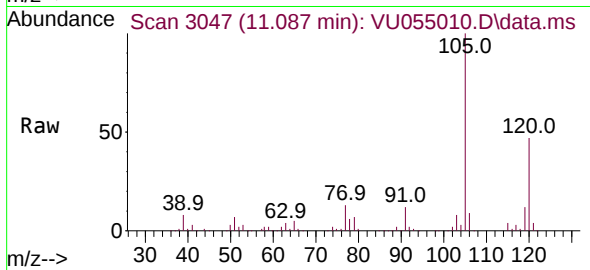




#62
 1,3,5-Trimethylbenzene
 Concen: 4.666 ug/L
 RT: 11.087 min Scan# 3047
 Delta R.T. -0.000 min
 Lab File: VU055010.D
 Acq: 30 Aug 2023 20:58

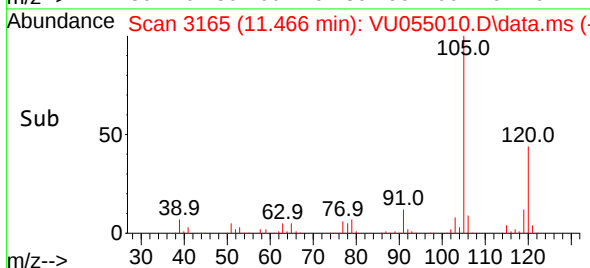
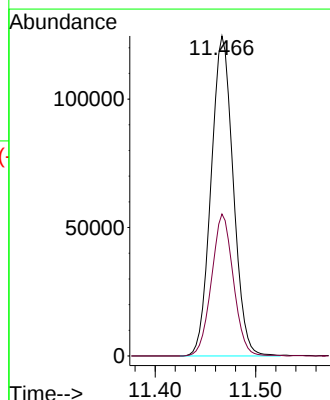
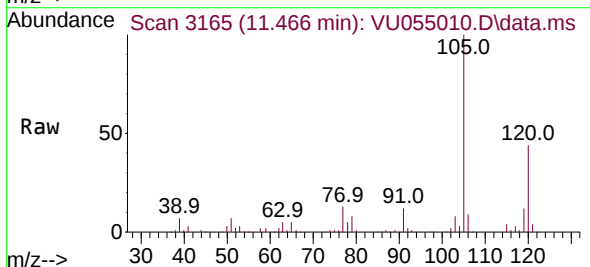
Instrument :
 MSVOA_U
 ClientSampleId :

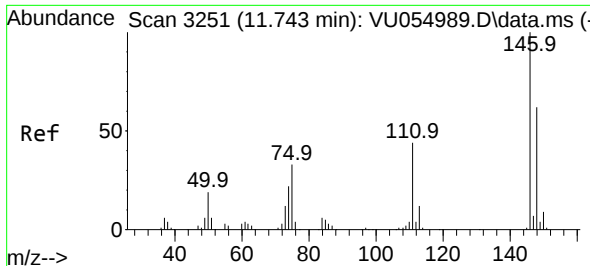
Tgt Ion:105 Resp: 199341
 Ion Ratio Lower Upper
 105 100
 120 46.0 37.4 56.2



#63
 1,2,4-Trimethylbenzene
 Concen: 4.813 ug/L
 RT: 11.466 min Scan# 3165
 Delta R.T. -0.000 min
 Lab File: VU055010.D
 Acq: 30 Aug 2023 20:58

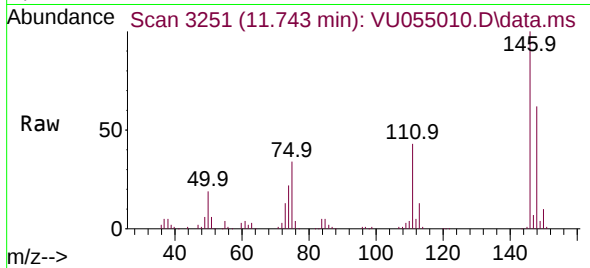
Tgt Ion:105 Resp: 190776
 Ion Ratio Lower Upper
 105 100
 120 43.8 34.3 51.5



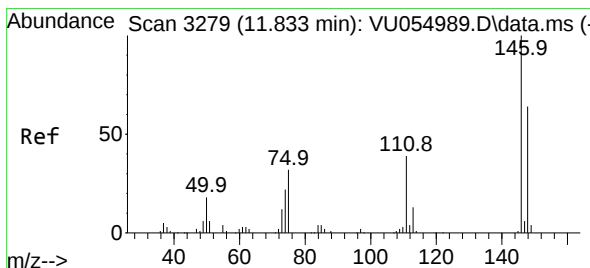
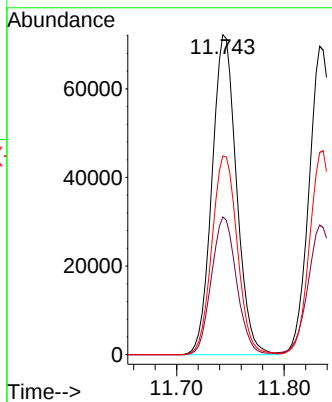
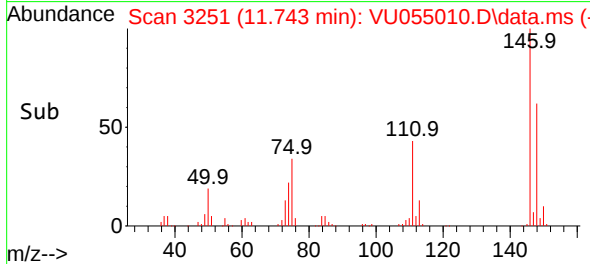


#64
1,3-Dichlorobenzene
Concen: 4.946 ug/L
RT: 11.743 min Scan# 3251
Delta R.T. -0.000 min
Lab File: VU055010.D
Acq: 30 Aug 2023 20:58

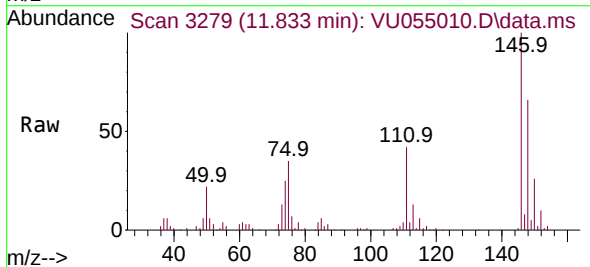
Instrument :
MSVOA_U
ClientSampleId :



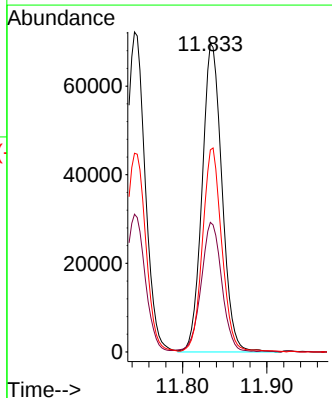
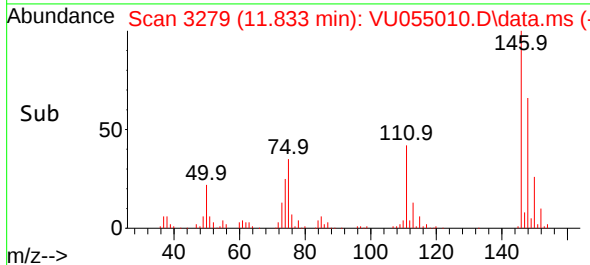
Tgt Ion:146 Resp: 114569
Ion Ratio Lower Upper
146 100
111 43.1 30.4 56.4
148 62.1 44.4 82.4

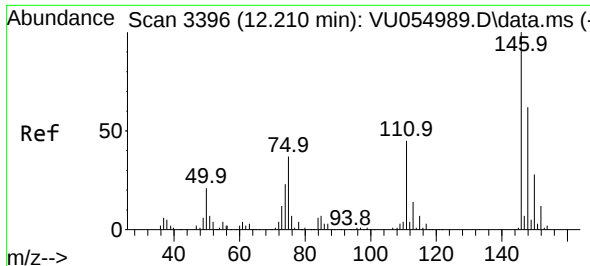


#65
1,4-Dichlorobenzene
Concen: 4.943 ug/L
RT: 11.833 min Scan# 3279
Delta R.T. -0.000 min
Lab File: VU055010.D
Acq: 30 Aug 2023 20:58



Tgt Ion:146 Resp: 114532
Ion Ratio Lower Upper
146 100
111 42.0 29.9 55.5
148 65.5 44.7 83.1





#67

1,2-Dichlorobenzene

Concen: 5.154 ug/L

RT: 12.209 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU055010.D

Acq: 30 Aug 2023 20:58

Instrument :

MSVOA_U

ClientSampleId :

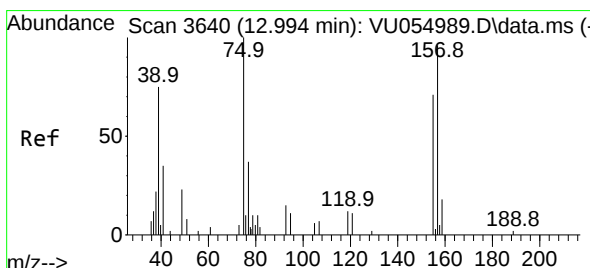
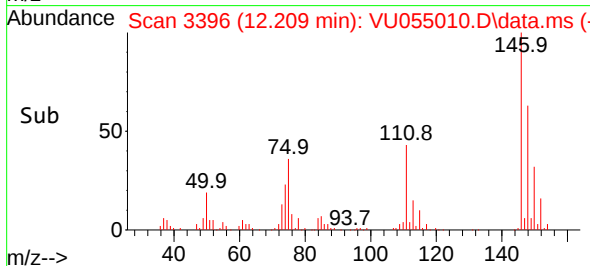
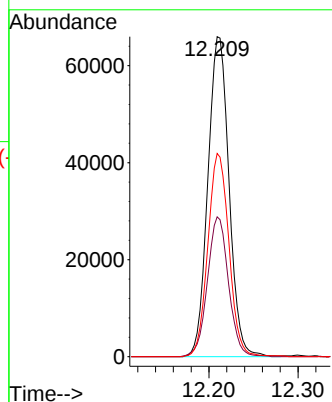
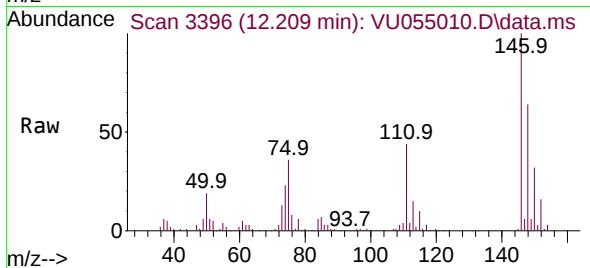
Tgt Ion:146 Resp: 108807

Ion Ratio Lower Upper

146 100

111 43.7 34.9 52.3

148 63.5 49.4 74.0



#68

1,2-Dibromo-3-chloropropane

Concen: 5.432 ug/L

RT: 12.994 min Scan# 3640

Delta R.T. -0.000 min

Lab File: VU055010.D

Acq: 30 Aug 2023 20:58

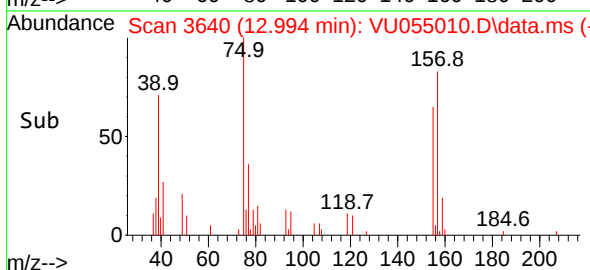
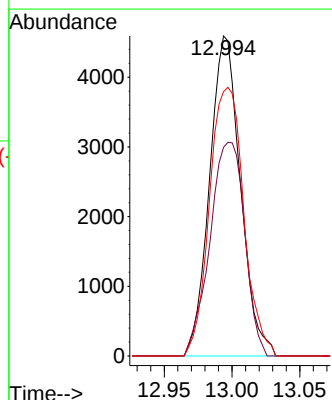
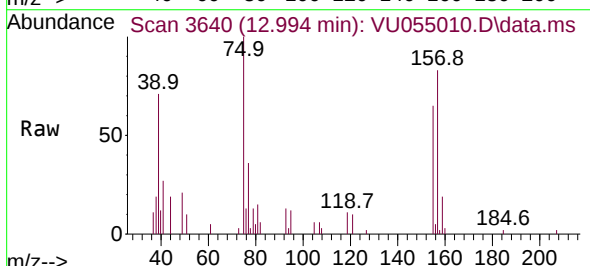
Tgt Ion: 75 Resp: 7267

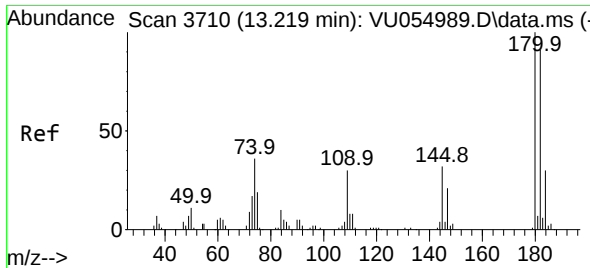
Ion Ratio Lower Upper

75 100

155 65.2 53.3 79.9

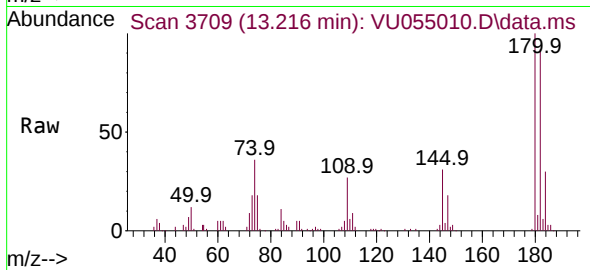
157 82.6 69.5 104.3



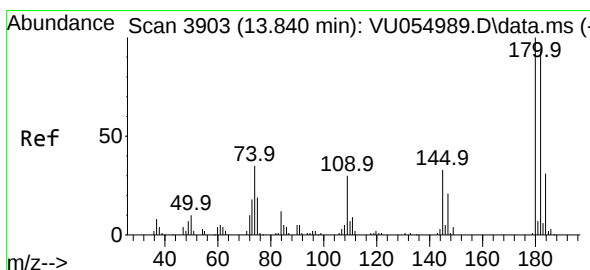
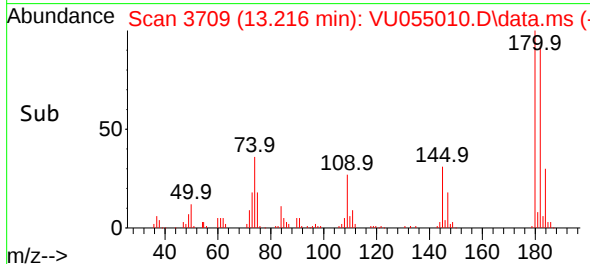
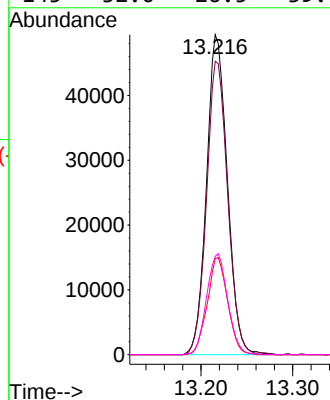


#69
 1,3,5-Trichlorobenzene
 Concen: 5.045 ug/L
 RT: 13.216 min Scan# 31
 Delta R.T. -0.004 min
 Lab File: VU055010.D
 Acq: 30 Aug 2023 20:58

Instrument :
 MSVOA_U
 ClientSampleId :

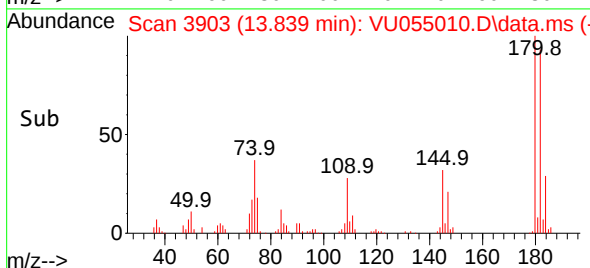
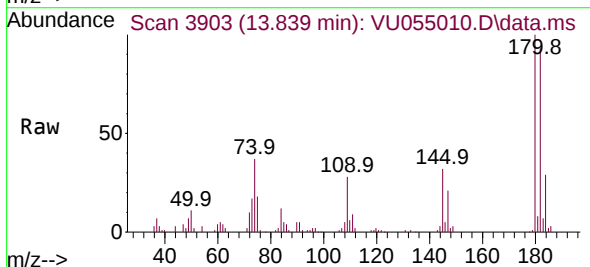
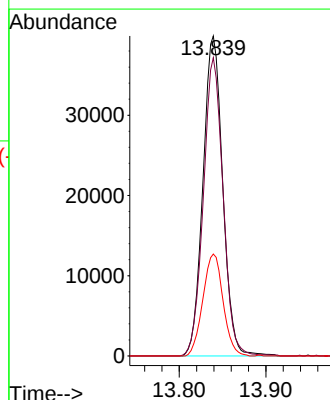


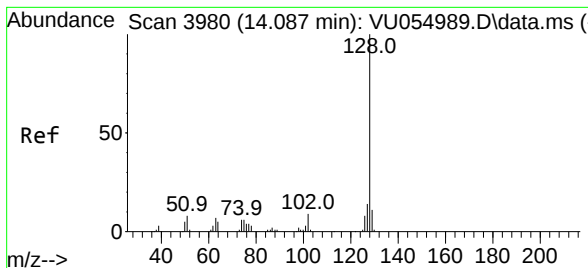
Tgt Ion:180 Resp: 77903
 Ion Ratio Lower Upper
 180 100
 182 93.0 76.6 114.8
 184 29.8 23.6 35.4
 145 32.0 26.5 39.7



#70
 1,2,4-trichlorobenzene
 Concen: 5.225 ug/L
 RT: 13.839 min Scan# 3903
 Delta R.T. -0.000 min
 Lab File: VU055010.D
 Acq: 30 Aug 2023 20:58

Tgt Ion:180 Resp: 63201
 Ion Ratio Lower Upper
 180 100
 182 93.0 74.9 112.3
 145 32.6 25.8 38.8





#71

Naphthalene

Concen: 5.225 ug/L

RT: 14.087 min Scan# 3980

Delta R.T. -0.000 min

Lab File: VU055010.D

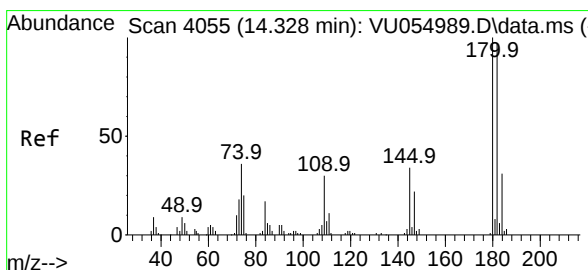
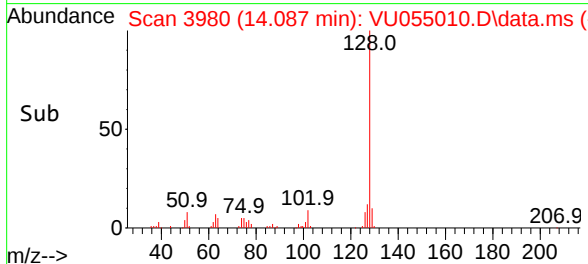
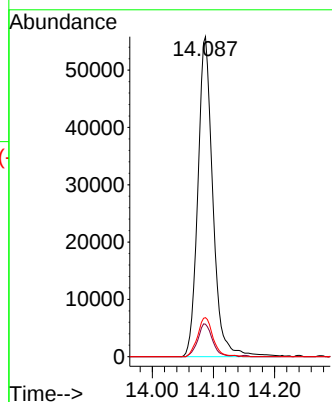
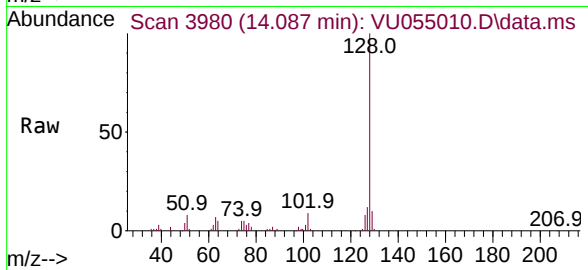
Acq: 30 Aug 2023 20:58

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	128	Resp:	95068
Ion	Ratio	Lower	Upper
128	100		
129	10.0	8.6	12.8
127	12.6	9.3	13.9



#72

1,2,3-Trichlorobenzene

Concen: 5.491 ug/L

RT: 14.328 min Scan# 4055

Delta R.T. -0.000 min

Lab File: VU055010.D

Acq: 30 Aug 2023 20:58

Tgt Ion:	180	Resp:	55027
Ion	Ratio	Lower	Upper
180	100		
182	95.9	77.7	116.5
145	33.0	28.1	42.1

