

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU103123\
 Data File : VU056030.D
 Acq On : 31 Oct 2023 22:10
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 01 01:14:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 01 01:09:14 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	340951	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	337392	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	169717	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	104798	3.886	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	77.800%	
7) Chloroethane-d5	1.914	69	96111	4.572	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	91.400%	
11) 1,1-Dichloroethene-d2	2.567	65	48989	4.278	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	85.600%	
20) 2-Butanone-d5	4.631	46	292096	60.707	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	121.420%	
24) Chloroform-d	5.058	84	266621	5.335	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	106.600%	
26) 1,2-Dichloroethane-d4	5.698	65	127451	5.234	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	104.600%	
32) Benzene-d6	5.724	84	521459	5.189	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	103.800%	
36) 1,2-Dichloropropane-d6	6.685	67	160176	5.376	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	107.600%	
41) Toluene-d8	7.894	98	456542	5.008	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	100.200%	
43) trans-1,3-Dichloroprop...	8.177	79	55624	4.774	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	95.400%	
46) 2-Hexanone-d5	8.631	63	248537	84.024	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	168.040%#	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	127397	5.872	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	117.400%	
66) 1,2-Dichlorobenzene-d4	12.190	152	162623	5.136	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	102.800%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	86712	4.462	ug/L	97
3) Chloromethane	1.518	50	78785	4.246	ug/L	94
5) Vinyl chloride	1.605	62	88089	4.311	ug/L	97
6) Bromomethane	1.859	94	53437	4.221	ug/L	98
8) Chloroethane	1.933	64	56666	4.732	ug/L	99
9) Trichlorofluoromethane	2.136	101	133823	4.748	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	92056	4.972	ug/L	98
12) 1,1-Dichloroethene	2.579	96	79836	4.831	ug/L	87
13) Acetone	2.644	43	120027	43.775	ug/L	96
14) Carbon disulfide	2.792	76	184053	4.350	ug/L	98
15) Methyl Acetate	2.956	43	28332	5.072	ug/L	95
16) Methylene chloride	3.046	84	94551	5.050	ug/L	98
17) Methyl tert-butyl Ether	3.361	73	202738	5.056	ug/L	99
18) trans-1,2-Dichloroethene	3.351	96	79387	4.845	ug/L	97
19) 1,1-Dichloroethane	3.866	63	169493	5.095	ug/L	98
21) 2-Butanone	4.714	43	192623	47.790	ug/L	95
22) cis-1,2-Dichloroethene	4.663	96	99359	5.009	ug/L	92
23) Bromochloromethane	4.972	128	43990	5.443	ug/L	92
25) Chloroform	5.084	83	181509	5.088	ug/L	100

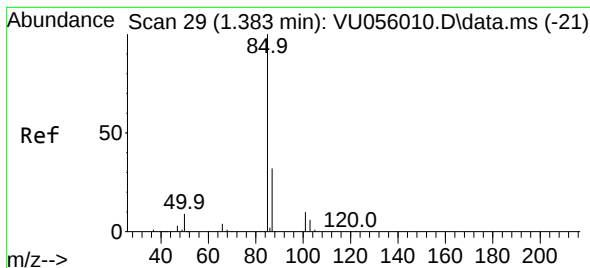
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU103123\
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 01 01:09:14 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.792	62	98430	4.697	ug/L	99
29) 1,1,1-Trichloroethane	5.312	97	152977	4.975	ug/L	97
30) Cyclohexane	5.383	56	117929	4.545	ug/L	97
31) Carbon tetrachloride	5.521	117	130884	4.990	ug/L	99
33) Benzene	5.769	78	371175	4.985	ug/L	100
34) Trichloroethene	6.541	95	99895	4.796	ug/L	98
35) Methylcyclohexane	6.759	83	126511	4.500	ug/L	100
37) 1,2-Dichloropropane	6.788	63	100327	5.075	ug/L	100
38) Bromodichloromethane	7.100	83	123996	4.996	ug/L	99
39) cis-1,3-Dichloropropene	7.605	75	137219	4.872	ug/L	97
40) 4-Methyl-2-pentanone	7.788	43	457370	47.992	ug/L	95
42) Toluene	7.965	91	408292	5.247	ug/L	98
44) trans-1,3-Dichloropropene	8.206	75	109893	4.834	ug/L	96
45) 1,1,2-Trichloroethane	8.396	97	71421	5.138	ug/L	99
47) Tetrachloroethene	8.550	164	77198	5.293	ug/L	97
48) 2-Hexanone	8.682	43	347625	46.392	ug/L	98
49) Dibromochloromethane	8.807	129	80749	5.292	ug/L	97
50) 1,2-Dibromoethane	8.920	107	65563	5.198	ug/L	98
51) Chlorobenzene	9.444	112	257721	5.054	ug/L	99
52) Ethylbenzene	9.566	91	431937	4.897	ug/L	100
53) m,p-Xylene	9.692	106	165502	5.021	ug/L	97
54) o-Xylene	10.097	106	163234	5.061	ug/L	95
55) Styrene	10.113	104	273850	5.296	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.778	83	84502	5.252	ug/L #	99
59) Bromoform	10.287	173	46678	5.407	ug/L	98
60) Isopropylbenzene	10.479	105	434353	5.136	ug/L	98
61) 1,2,3-Trichloropropane	10.817	75	59345	5.093	ug/L	98
62) 1,3,5-Trimethylbenzene	11.084	105	342966	4.962	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	343655	5.352	ug/L	100
64) 1,3-Dichlorobenzene	11.743	146	206660	5.155	ug/L	98
65) 1,4-Dichlorobenzene	11.833	146	202194	5.054	ug/L	98
67) 1,2-Dichlorobenzene	12.209	146	192459	5.229	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.994	75	12056	5.799	ug/L	96
69) 1,3,5-Trichlorobenzene	13.216	180	145933	5.327	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	113956	5.628	ug/L	98
71) Naphthalene	14.084	128	160899	5.487	ug/L	100
72) 1,2,3-Trichlorobenzene	14.325	180	94756	5.428	ug/L	96

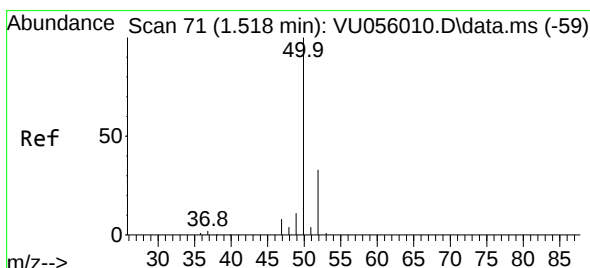
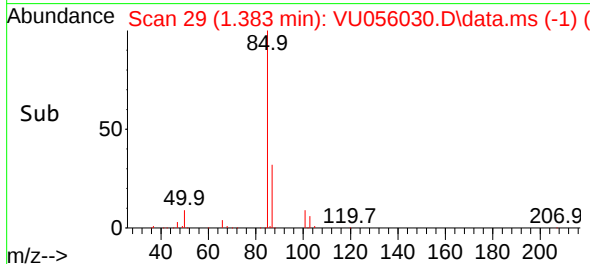
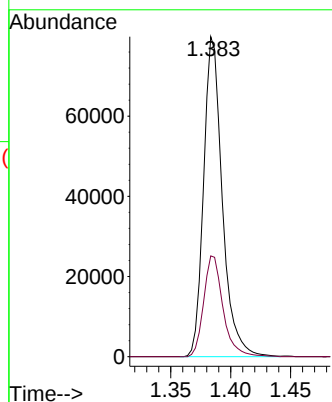
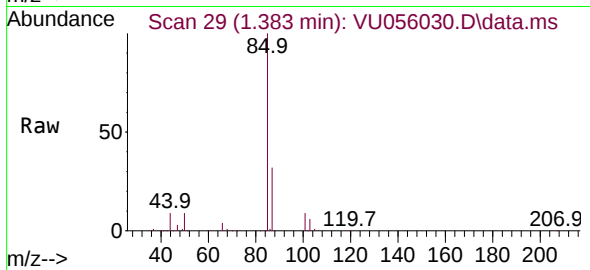
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 4.462 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. 0.000 min
 Lab File: VU056030.D
 Acq: 31 Oct 2023 22:10

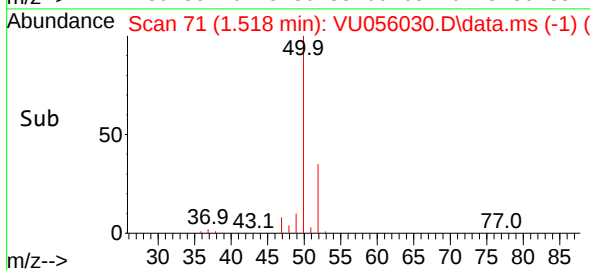
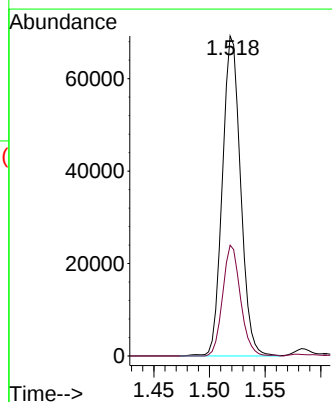
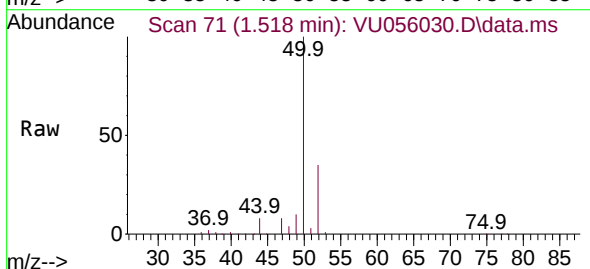
Instrument :
 MSVOA_U
 ClientSampleId :

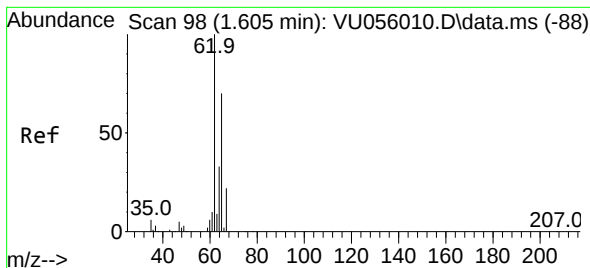
Tgt Ion: 85 Resp: 86712
 Ion Ratio Lower Upper
 85 100
 87 32.6 25.0 37.4



#3
 Chloromethane
 Concen: 4.246 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VU056030.D
 Acq: 31 Oct 2023 22:10

Tgt Ion: 50 Resp: 78785
 Ion Ratio Lower Upper
 50 100
 52 34.6 22.0 40.8





#5

Vinyl chloride

Concen: 4.311 ug/L

RT: 1.605 min Scan# 98

Delta R.T. 0.000 min

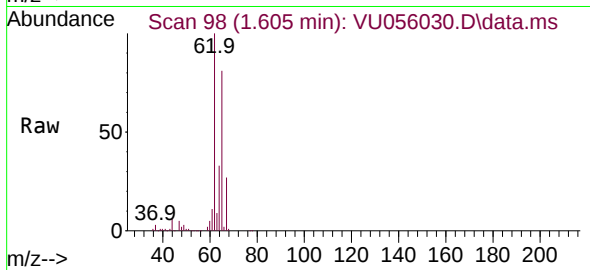
Lab File: VU056030.D

Acq: 31 Oct 2023 22:10

Instrument :

MSVOA_U

ClientSampleId :

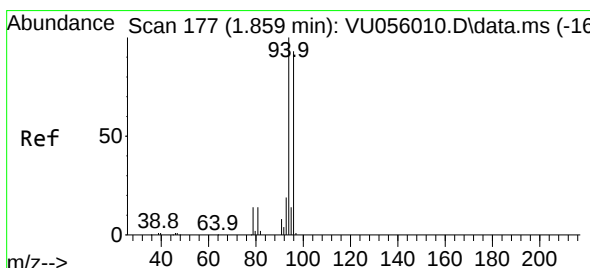
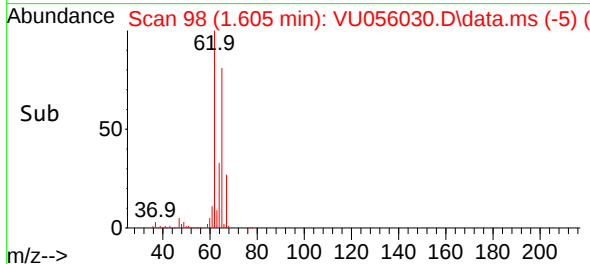
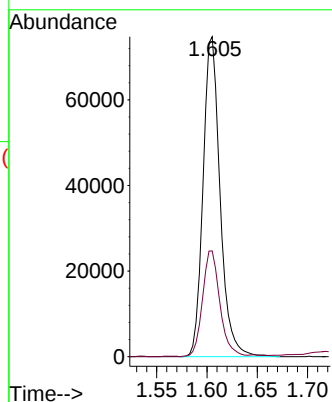


Tgt Ion: 62 Resp: 88089

Ion Ratio Lower Upper

62 100

64 33.1 24.2 45.0



#6

Bromomethane

Concen: 4.221 ug/L

RT: 1.859 min Scan# 177

Delta R.T. 0.000 min

Lab File: VU056030.D

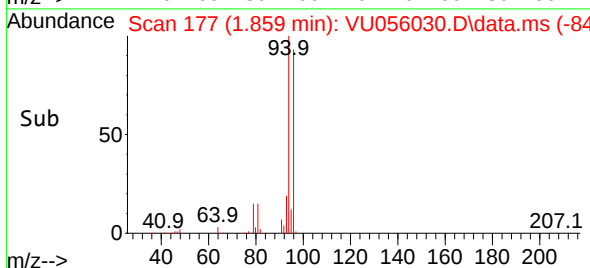
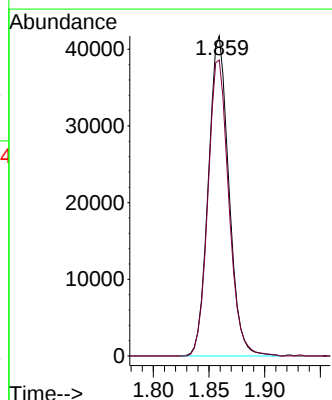
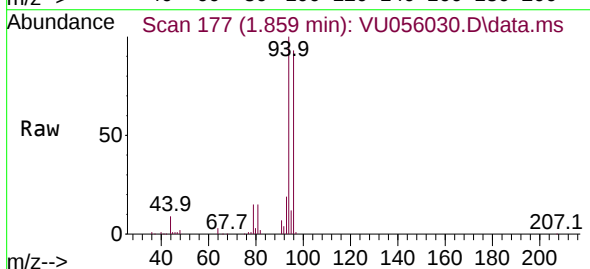
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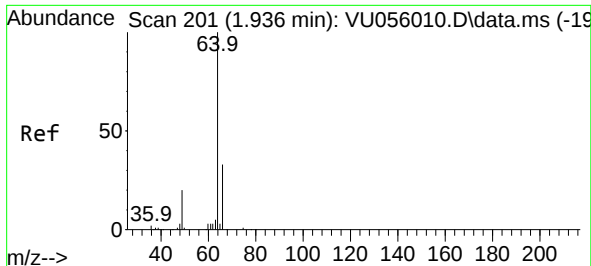
Tgt Ion: 94 Resp: 53437

Ion Ratio Lower Upper

94 100

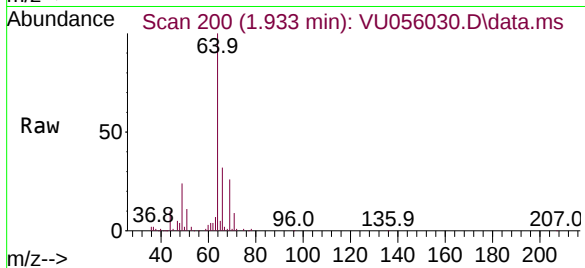
96 92.5 65.9 122.5



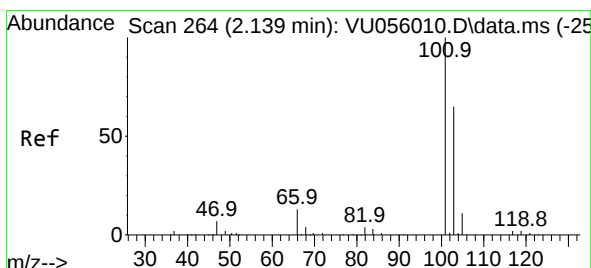
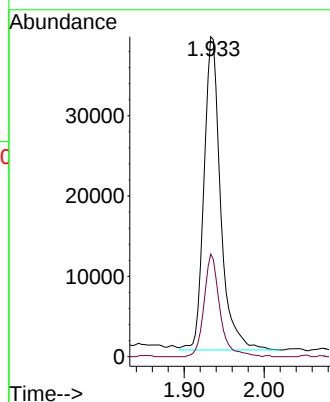
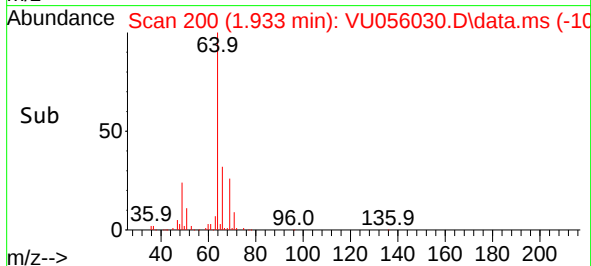


#8
Chloroethane
Concen: 4.732 ug/L
RT: 1.933 min Scan# 201
Delta R.T. -0.003 min
Lab File: VU056030.D
Acq: 31 Oct 2023 22:10

Instrument :
MSVOA_U
ClientSampleId :

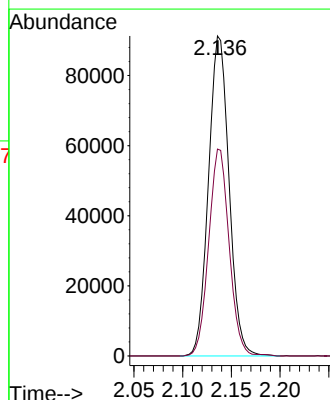
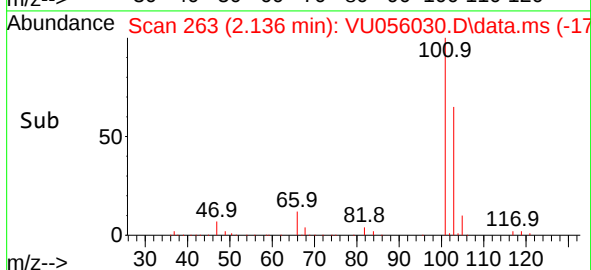
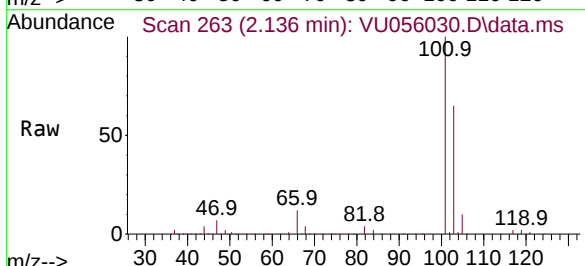


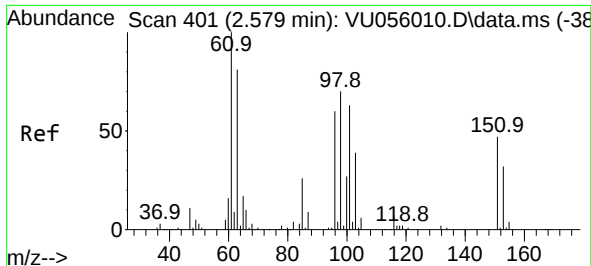
Tgt Ion: 64 Resp: 56666
Ion Ratio Lower Upper
64 100
66 32.0 22.7 42.1



#9
Trichlorofluoromethane
Concen: 4.748 ug/L
RT: 2.136 min Scan# 263
Delta R.T. -0.003 min
Lab File: VU056030.D
Acq: 31 Oct 2023 22:10

Tgt Ion: 101 Resp: 133823
Ion Ratio Lower Upper
101 100
103 64.4 52.2 78.2

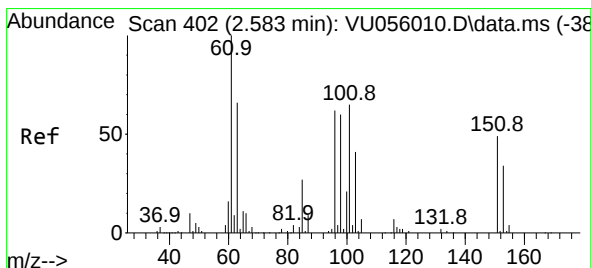
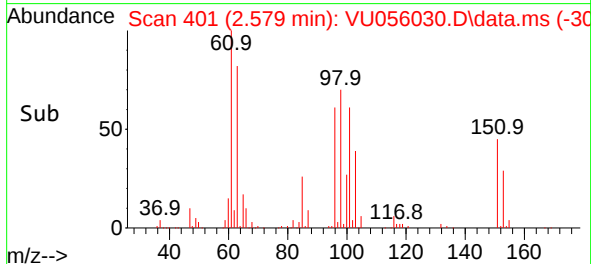
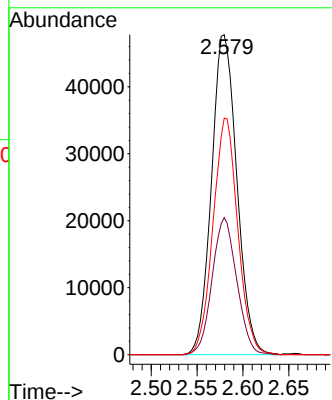
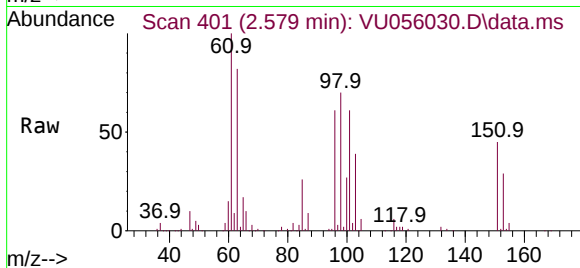




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.972 ug/L
 RT: 2.579 min Scan# 401
 Delta R.T. 0.000 min
 Lab File: VU056030.D
 Acq: 31 Oct 2023 22:10

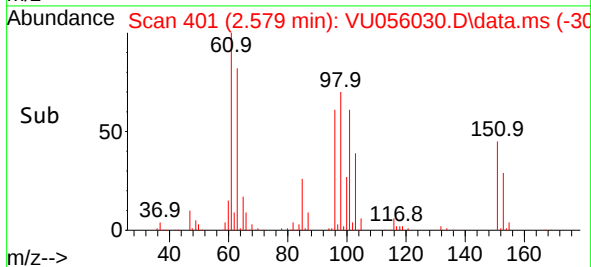
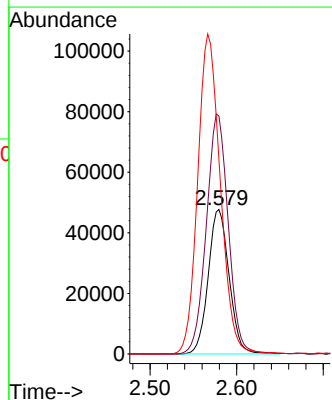
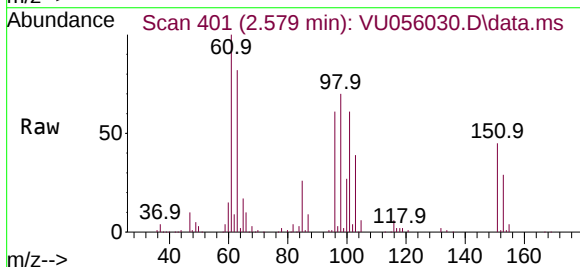
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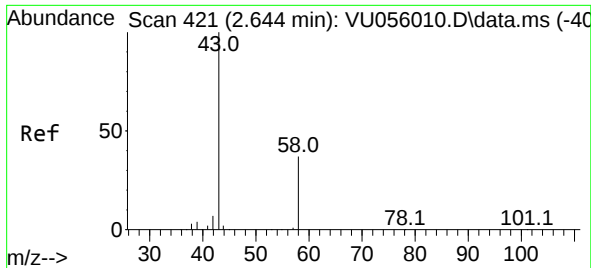
Tgt Ion:101 Resp: 92056
 Ion Ratio Lower Upper
 101 100
 85 41.5 34.4 51.6
 151 72.2 58.4 87.6



#12
 1,1-Dichloroethene
 Concen: 4.831 ug/L
 RT: 2.579 min Scan# 401
 Delta R.T. -0.003 min
 Lab File: VU056030.D
 Acq: 31 Oct 2023 22:10

Tgt Ion: 96 Resp: 79836
 Ion Ratio Lower Upper
 96 100
 61 164.6 123.8 230.0
 63 134.8 111.0 206.2





#13

Acetone

Concen: 43.775 ug/L

RT: 2.644 min Scan# 41

Delta R.T. 0.000 min

Lab File: VU056030.D

Acq: 31 Oct 2023 22:10

Instrument :

MSVOA_U

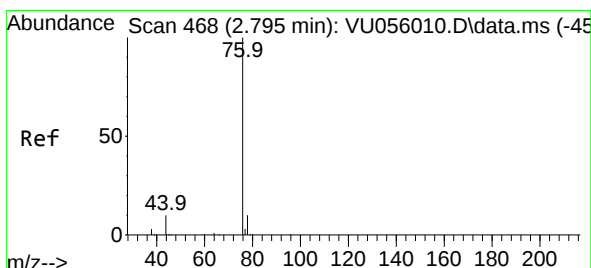
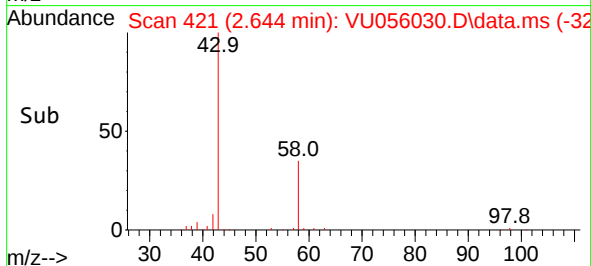
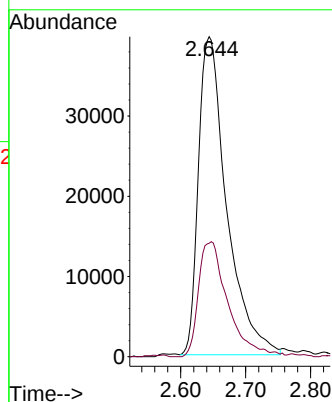
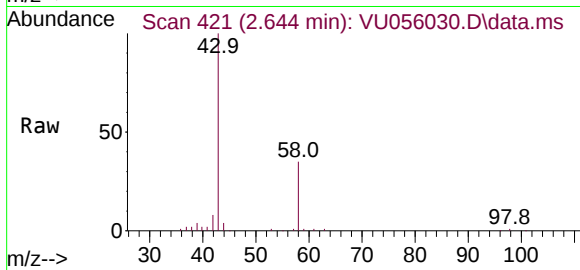
ClientSampleId :

Tgt Ion: 43 Resp: 120027

Ion Ratio Lower Upper

43 100

58 37.0 0.0 69.0



#14

Carbon disulfide

Concen: 4.350 ug/L

RT: 2.792 min Scan# 467

Delta R.T. -0.003 min

Lab File: VU056030.D

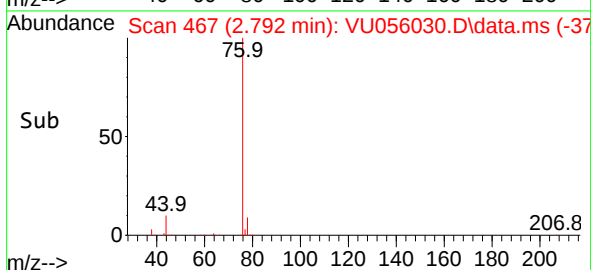
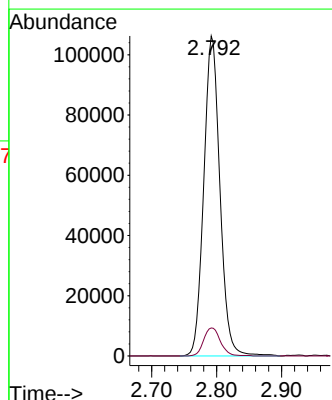
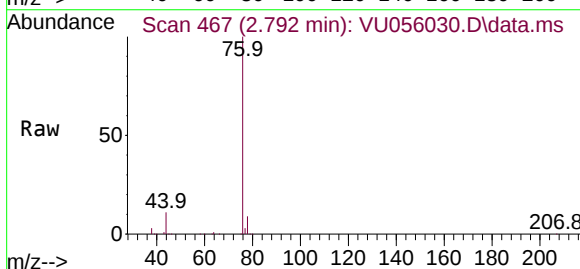
Acq: 31 Oct 2023 22:10

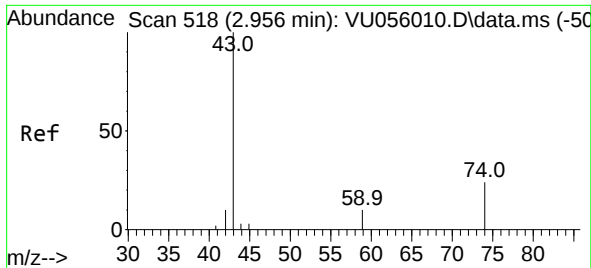
Tgt Ion: 76 Resp: 184053

Ion Ratio Lower Upper

76 100

78 8.7 7.5 11.3

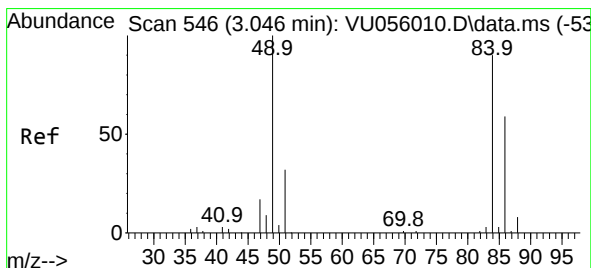
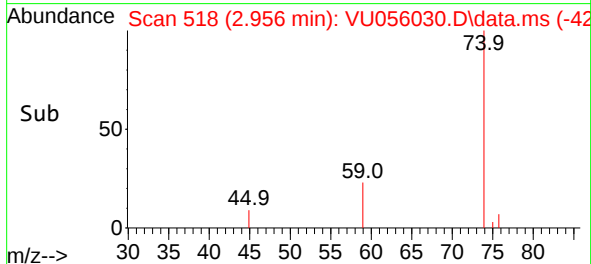
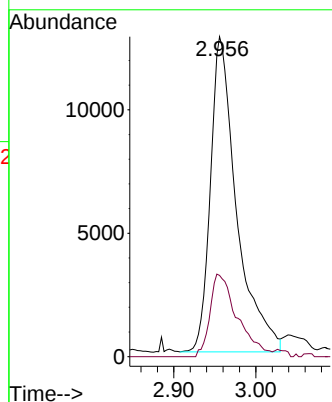
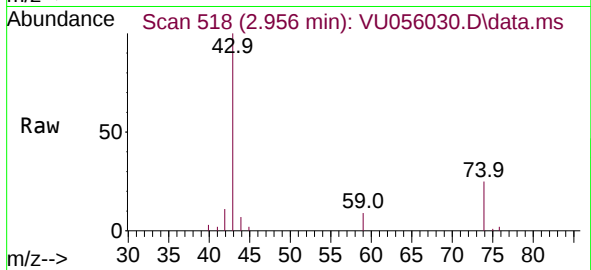




#15
Methyl Acetate
Concen: 5.072 ug/L
RT: 2.956 min Scan# 518
Delta R.T. 0.000 min
Lab File: VU056030.D
Acq: 31 Oct 2023 22:10

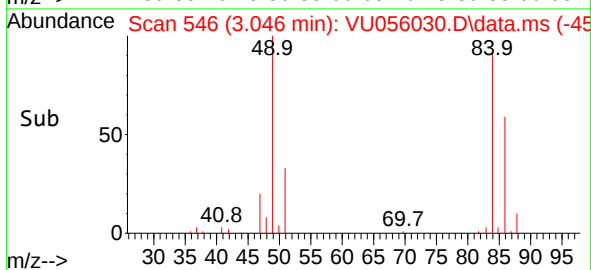
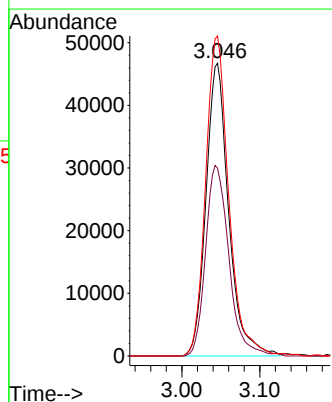
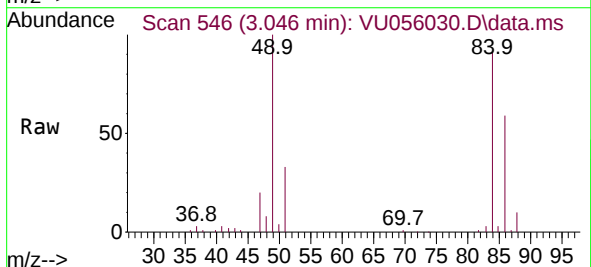
Instrument :
MSVOA_U
ClientSampleId :

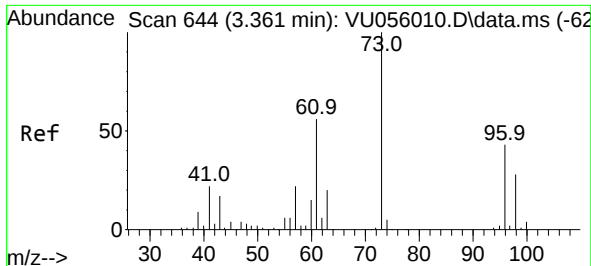
Tgt Ion: 43 Resp: 28332
Ion Ratio Lower Upper
43 100
74 27.4 19.9 29.9



#16
Methylene chloride
Concen: 5.050 ug/L
RT: 3.046 min Scan# 546
Delta R.T. 0.000 min
Lab File: VU056030.D
Acq: 31 Oct 2023 22:10

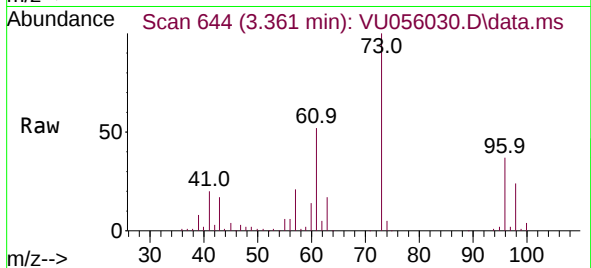
Tgt Ion: 84 Resp: 94551
Ion Ratio Lower Upper
84 100
86 64.2 45.2 84.0
49 109.3 78.8 146.3



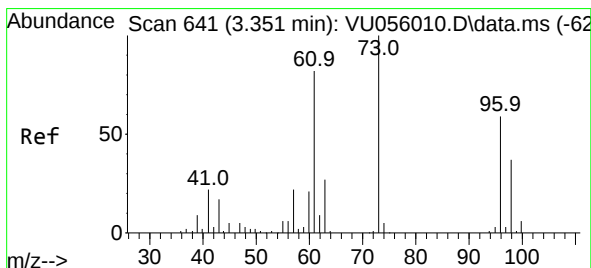
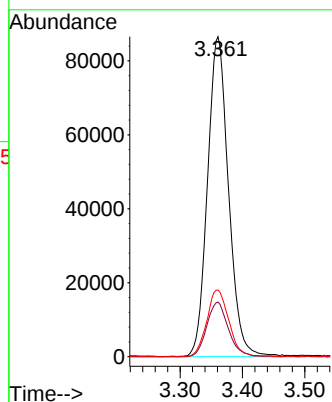
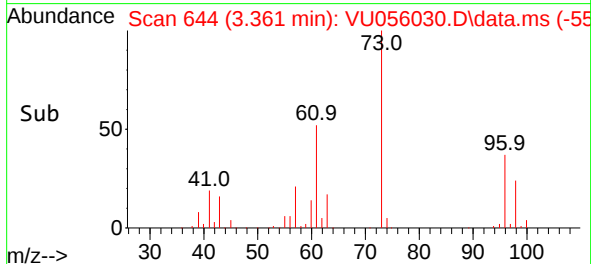


#17
Methyl tert-butyl Ether
Concen: 5.056 ug/L
RT: 3.361 min Scan# 644
Delta R.T. 0.000 min
Lab File: VU056030.D
Acq: 31 Oct 2023 22:10

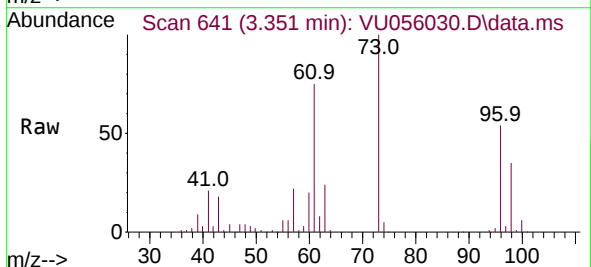
Instrument :
MSVOA_U
ClientSampleId :



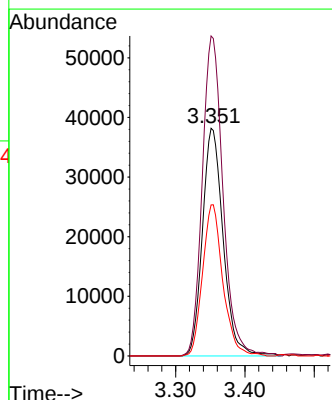
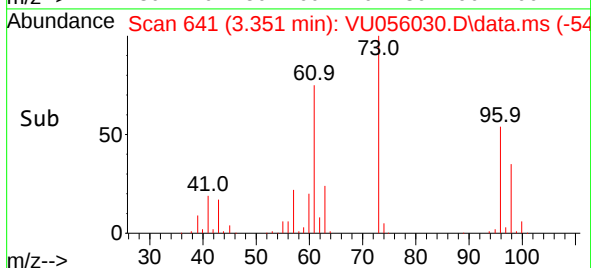
Tgt Ion: 73 Resp: 202738
Ion Ratio Lower Upper
73 100
43 17.1 14.4 21.6
57 21.7 17.0 25.4

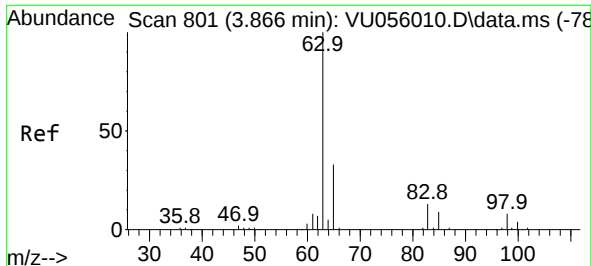


#18
trans-1,2-Dichloroethene
Concen: 4.845 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.000 min
Lab File: VU056030.D
Acq: 31 Oct 2023 22:10



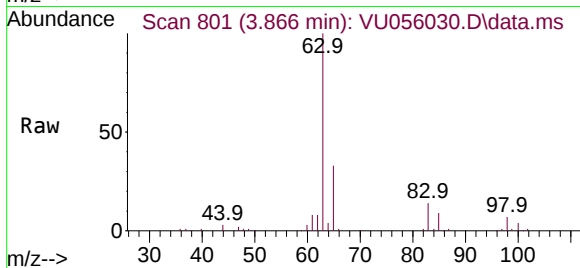
Tgt Ion: 96 Resp: 79387
Ion Ratio Lower Upper
96 100
61 140.5 97.5 181.1
98 66.3 42.7 79.3



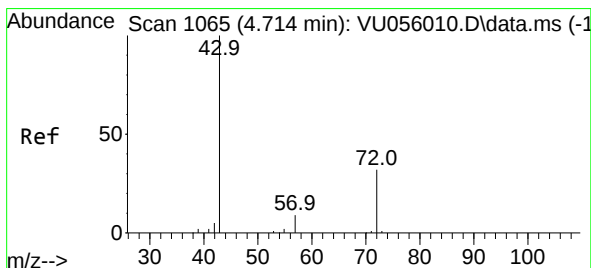
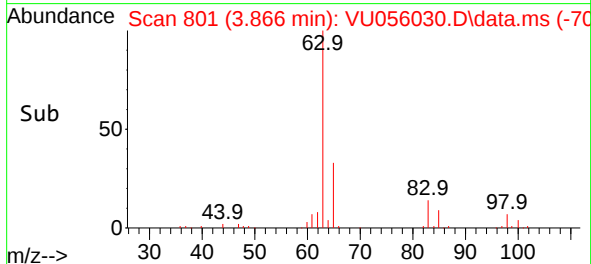
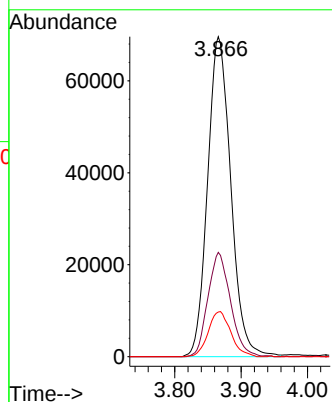


#19
1,1-Dichloroethane
Concen: 5.095 ug/L
RT: 3.866 min Scan# 801
Delta R.T. 0.000 min
Lab File: VU056030.D
Acq: 31 Oct 2023 22:10

Instrument :
MSVOA_U
ClientSampleId :

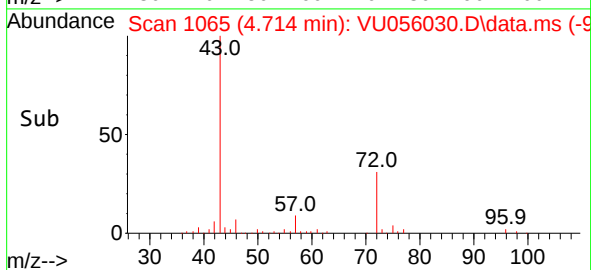
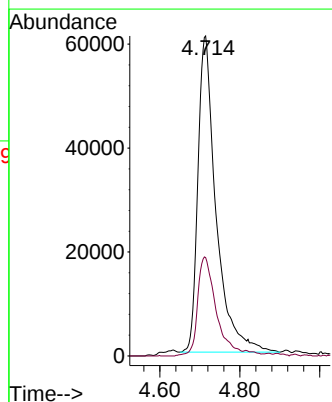
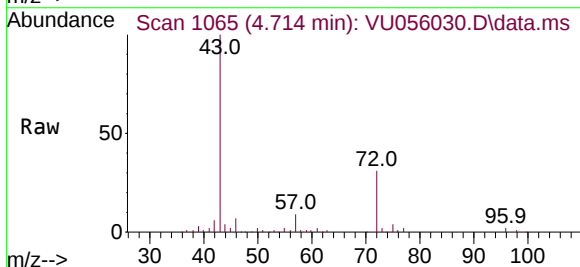


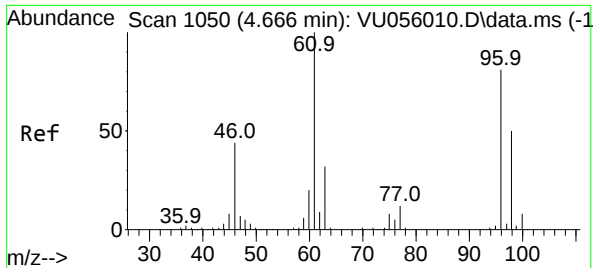
Tgt Ion: 63 Resp: 169493
Ion Ratio Lower Upper
63 100
65 32.6 23.3 43.3
83 14.0 10.5 19.5



#21
2-Butanone
Concen: 47.790 ug/L
RT: 4.714 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VU056030.D
Acq: 31 Oct 2023 22:10

Tgt Ion: 43 Resp: 192623
Ion Ratio Lower Upper
43 100
72 31.6 14.4 43.4

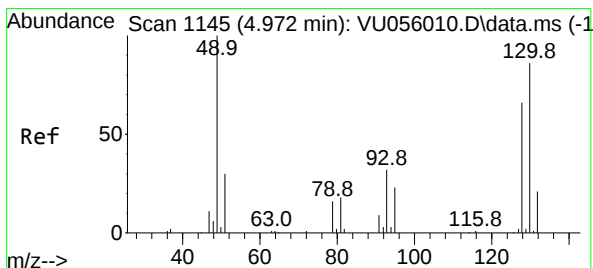
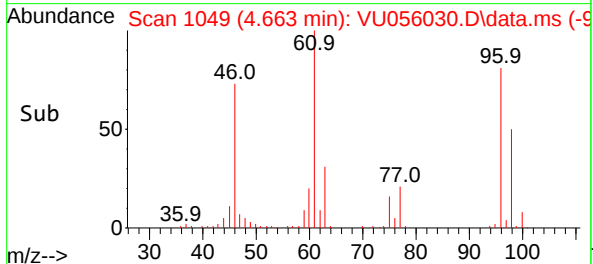
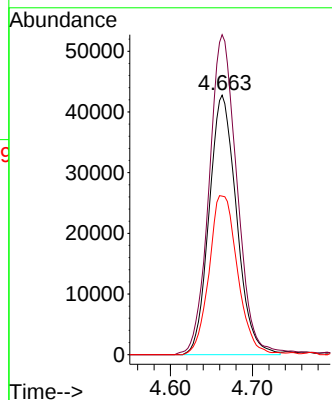
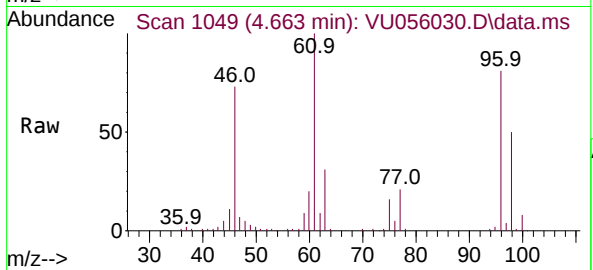




#22
 cis-1,2-Dichloroethene
 Concen: 5.009 ug/L
 RT: 4.663 min Scan# 1049
 Delta R.T. -0.003 min
 Lab File: VU056030.D
 Acq: 31 Oct 2023 22:10

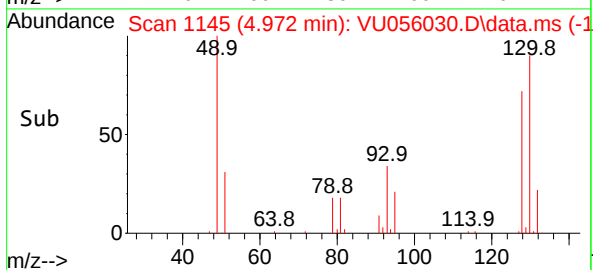
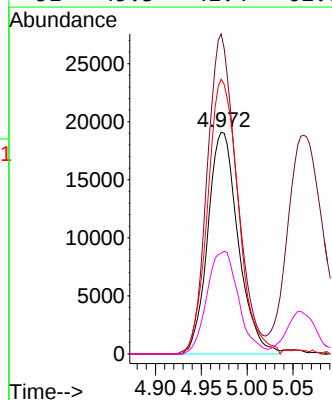
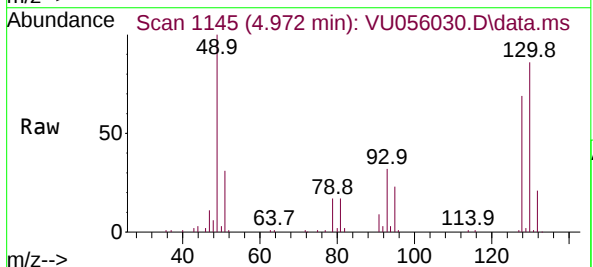
Instrument :
 MSVOA_U
 ClientSampleId :

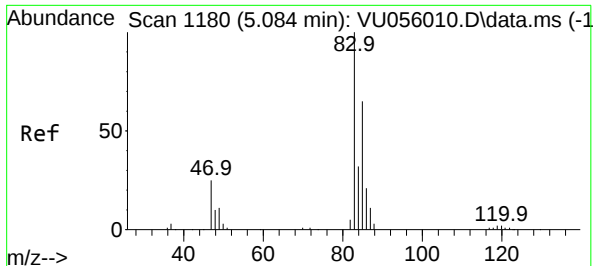
Tgt Ion: 96 Resp: 99359
 Ion Ratio Lower Upper
 96 100
 61 123.3 93.8 174.2
 98 61.1 45.6 84.8



#23
 Bromochloromethane
 Concen: 5.443 ug/L
 RT: 4.972 min Scan# 1145
 Delta R.T. 0.000 min
 Lab File: VU056030.D
 Acq: 31 Oct 2023 22:10

Tgt Ion: 128 Resp: 43990
 Ion Ratio Lower Upper
 128 100
 49 144.3 108.7 201.9
 130 123.9 91.5 169.9
 51 45.3 41.4 62.0





#25

Chloroform

Concen: 5.088 ug/L

RT: 5.084 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VU056030.D

Acq: 31 Oct 2023 22:10

Instrument :

MSVOA_U

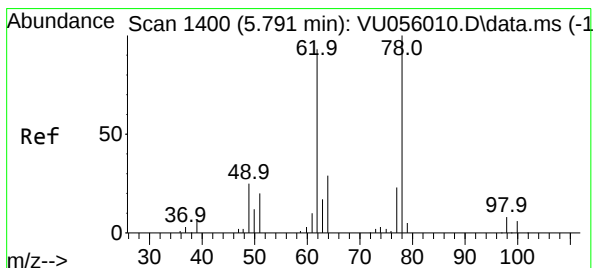
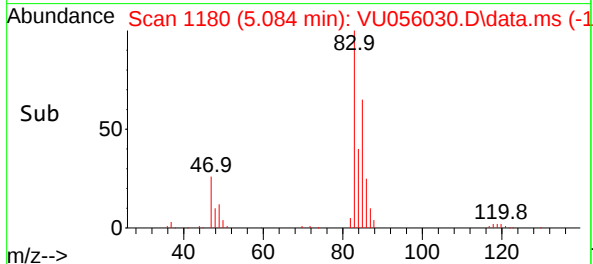
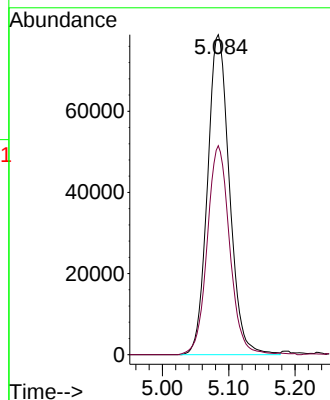
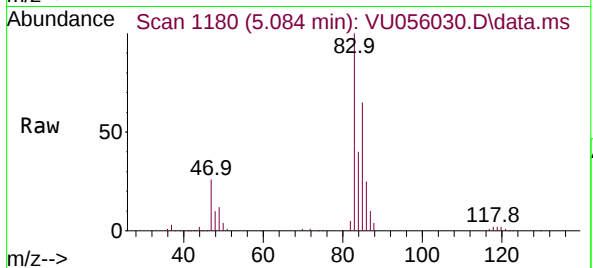
ClientSampleId :

Tgt Ion: 83 Resp: 181509

Ion Ratio Lower Upper

83 100

85 65.3 45.6 84.8



#27

1,2-Dichloroethane

Concen: 4.697 ug/L

RT: 5.792 min Scan# 1400

Delta R.T. 0.000 min

Lab File: VU056030.D

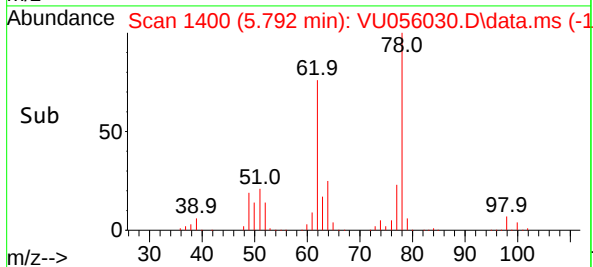
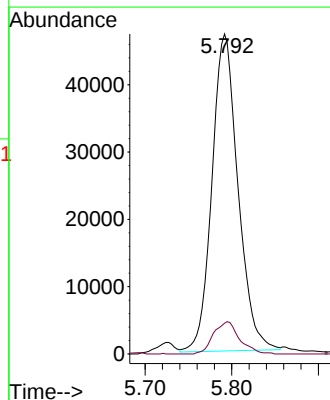
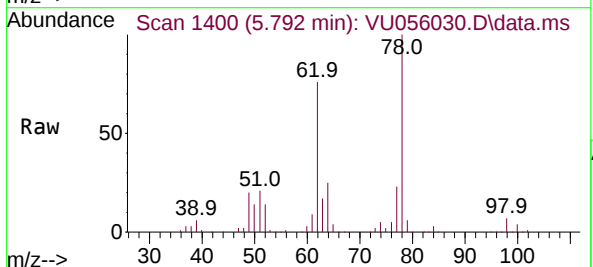
Acq: 31 Oct 2023 22:10

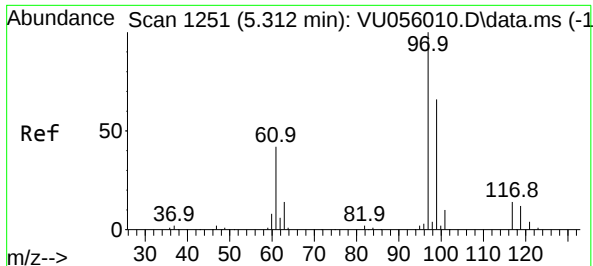
Tgt Ion: 62 Resp: 98430

Ion Ratio Lower Upper

62 100

98 9.6 7.4 11.2

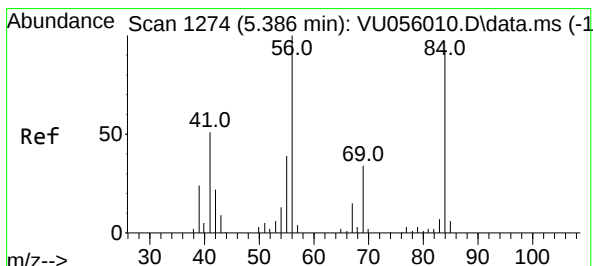
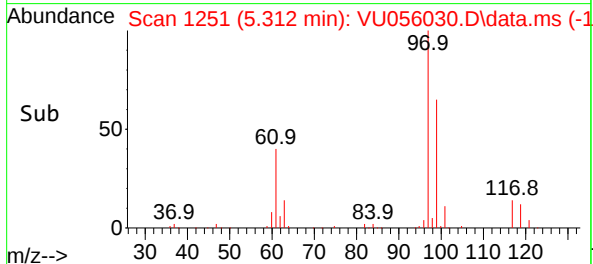
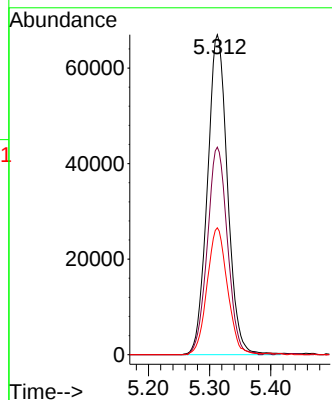
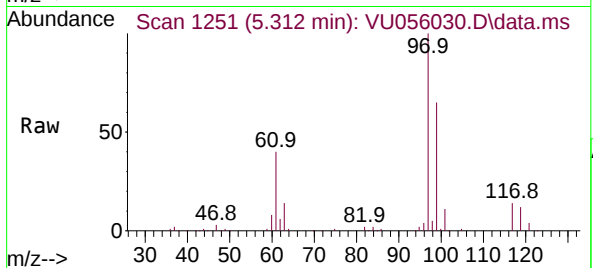




#29
1,1,1-Trichloroethane
Concen: 4.975 ug/L
RT: 5.312 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU056030.D
Acq: 31 Oct 2023 22:10

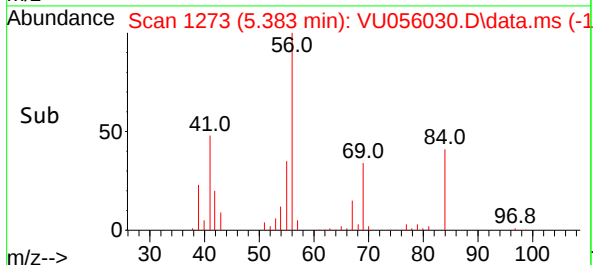
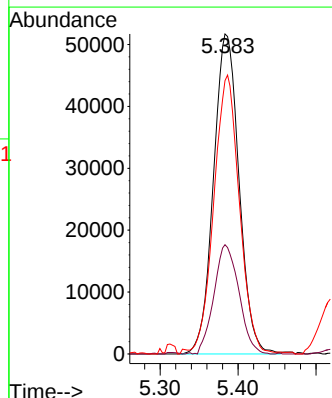
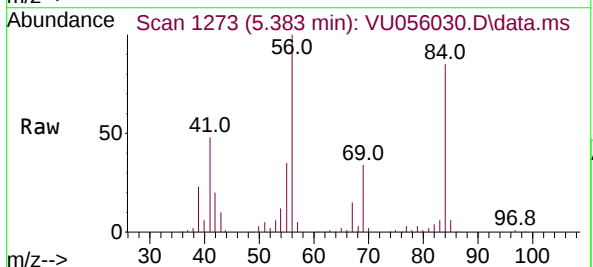
Instrument :
MSVOA_U
ClientSampleId :

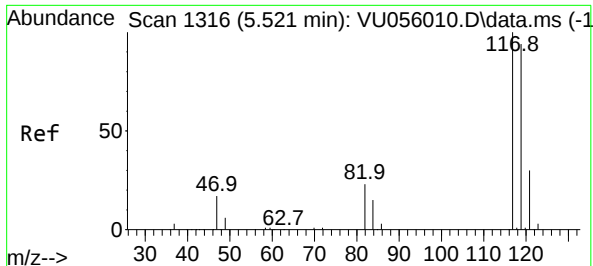
Tgt Ion: 97 Resp: 152977
Ion Ratio Lower Upper
97 100
99 64.9 50.8 76.2
61 40.2 35.0 52.4



#30
Cyclohexane
Concen: 4.545 ug/L
RT: 5.383 min Scan# 1273
Delta R.T. -0.003 min
Lab File: VU056030.D
Acq: 31 Oct 2023 22:10

Tgt Ion: 56 Resp: 117929
Ion Ratio Lower Upper
56 100
69 33.3 25.4 38.2
84 85.6 71.0 106.6

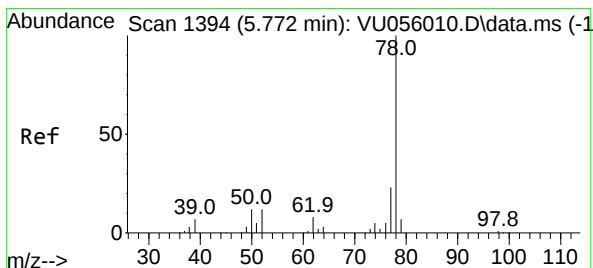
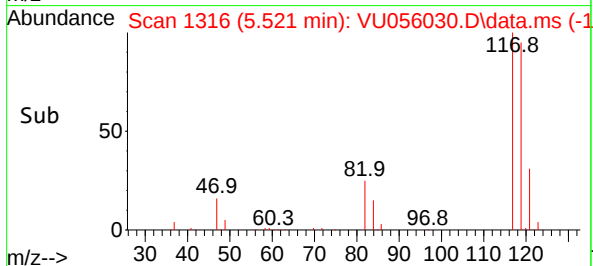
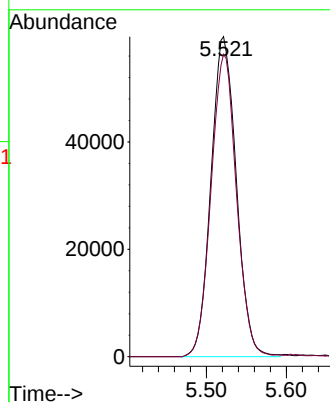
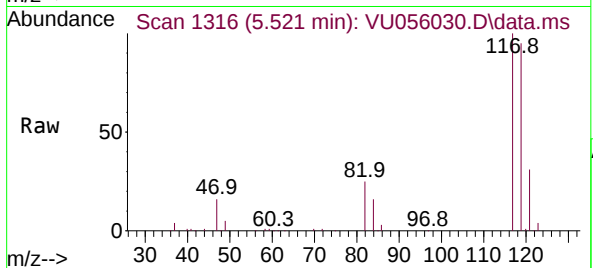




#31
Carbon tetrachloride
Concen: 4.990 ug/L
RT: 5.521 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VU056030.D
Acq: 31 Oct 2023 22:10

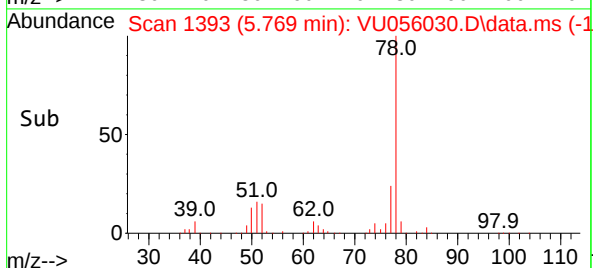
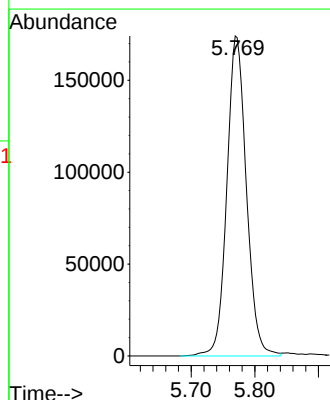
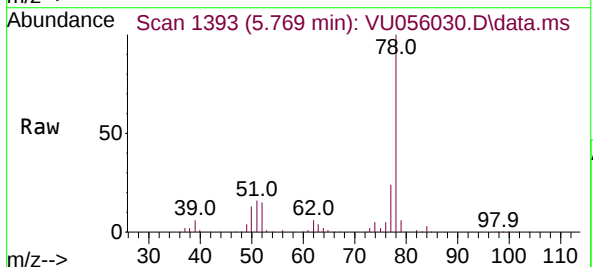
Instrument :
MSVOA_U
ClientSampleId :

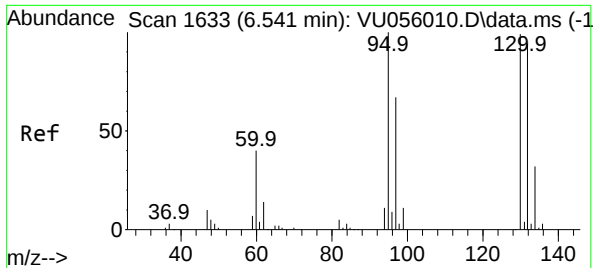
Tgt Ion:117 Resp: 130884
Ion Ratio Lower Upper
117 100
119 95.0 75.1 112.7



#33
Benzene
Concen: 4.985 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. -0.003 min
Lab File: VU056030.D
Acq: 31 Oct 2023 22:10

Tgt Ion: 78 Resp: 371175



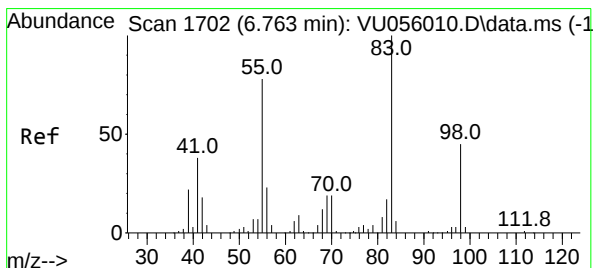
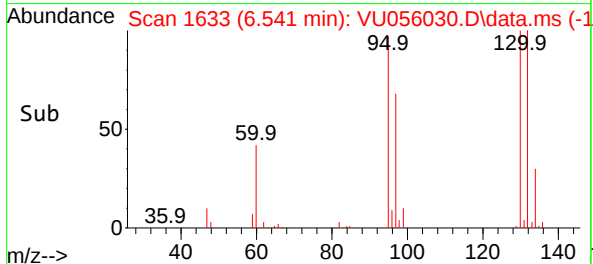
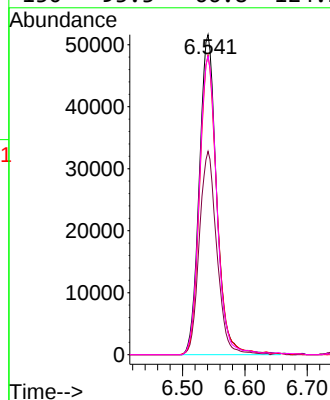
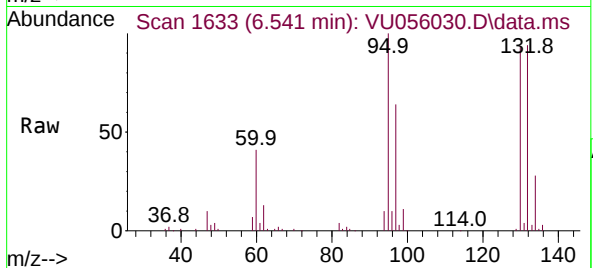


#34
Trichloroethene
Concen: 4.796 ug/L
RT: 6.541 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU056030.D
Acq: 31 Oct 2023 22:10

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 95 Resp: 99895

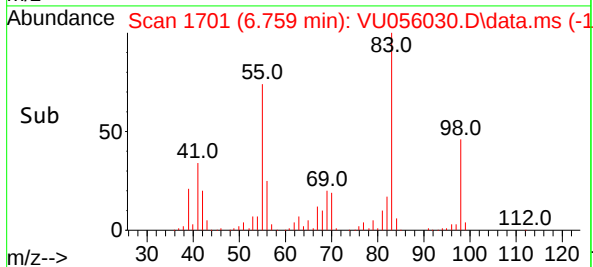
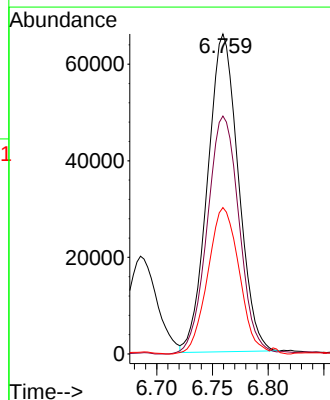
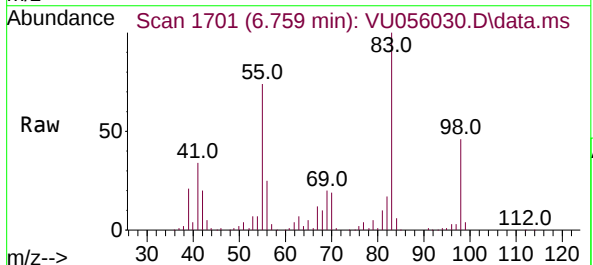
Ion	Ratio	Lower	Upper
95	100		
97	63.5	45.4	84.2
132	93.6	63.9	118.7
130	93.3	66.8	124.2

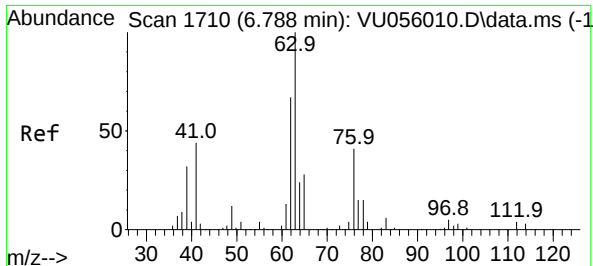


#35
Methylcyclohexane
Concen: 4.500 ug/L
RT: 6.759 min Scan# 1701
Delta R.T. -0.003 min
Lab File: VU056030.D
Acq: 31 Oct 2023 22:10

Tgt Ion: 83 Resp: 126511

Ion	Ratio	Lower	Upper
83	100		
55	77.9	62.4	93.6
98	47.0	37.4	56.2





#37

1,2-Dichloropropane

Concen: 5.075 ug/L

RT: 6.788 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU056030.D

Acq: 31 Oct 2023 22:10

Instrument :

MSVOA_U

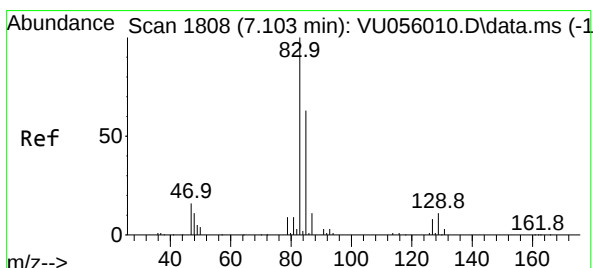
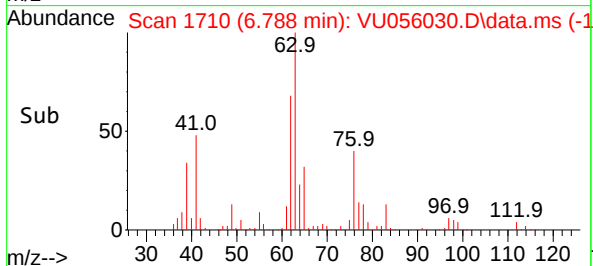
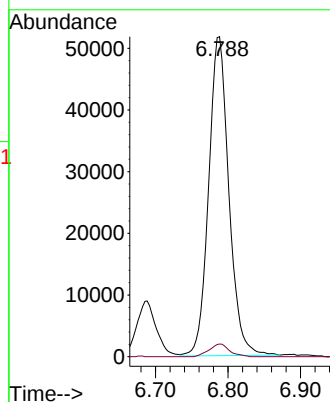
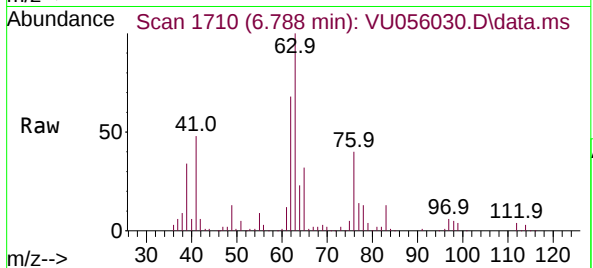
ClientSampleId :

Tgt Ion: 63 Resp: 100327

Ion Ratio Lower Upper

63 100

112 4.0 3.1 4.7



#38

Bromodichloromethane

Concen: 4.996 ug/L

RT: 7.100 min Scan# 1807

Delta R.T. -0.003 min

Lab File: VU056030.D

Acq: 31 Oct 2023 22:10

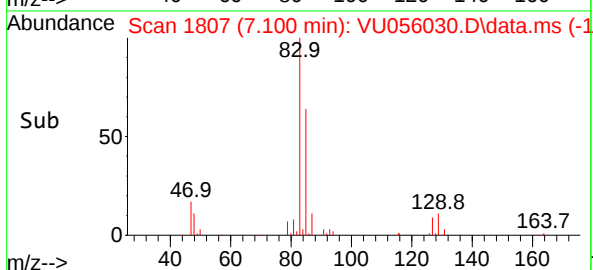
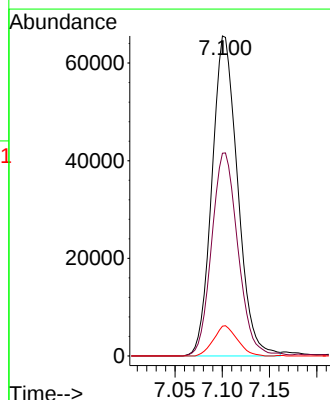
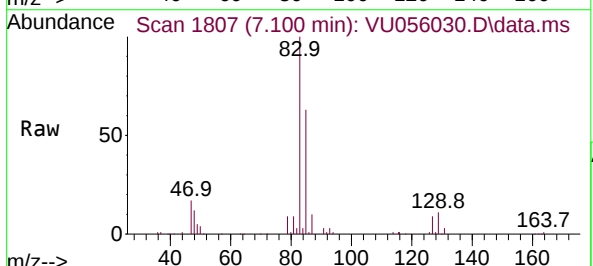
Tgt Ion: 83 Resp: 123996

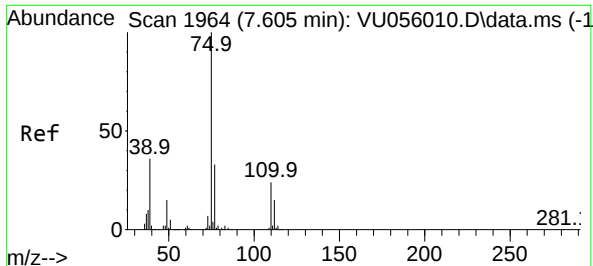
Ion Ratio Lower Upper

83 100

85 63.3 44.9 83.3

127 9.3 6.6 9.8





#39

cis-1,3-Dichloropropene

Concen: 4.872 ug/L

RT: 7.605 min Scan# 1964

Delta R.T. 0.000 min

Lab File: VU056030.D

Acq: 31 Oct 2023 22:10

Instrument :

MSVOA_U

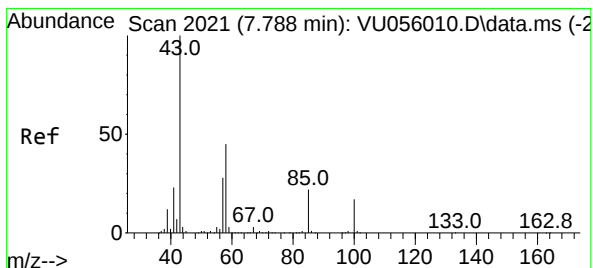
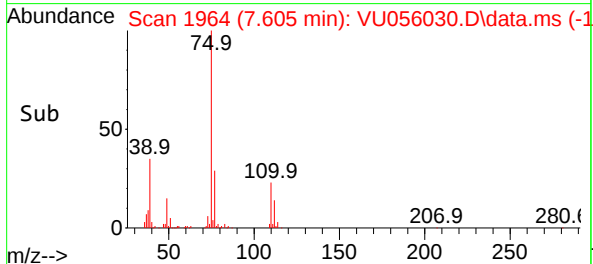
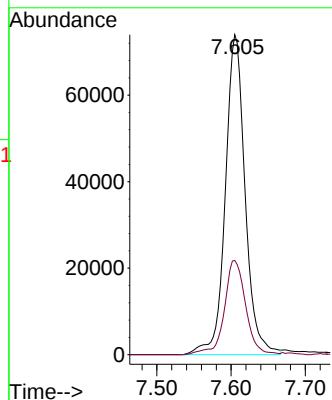
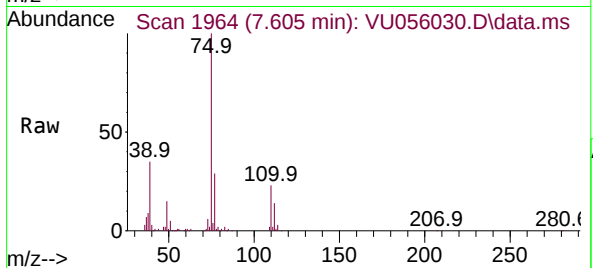
ClientSampleId :

Tgt Ion: 75 Resp: 137219

Ion Ratio Lower Upper

75 100

77 29.4 21.7 40.3



#40

4-Methyl-2-pentanone

Concen: 47.992 ug/L

RT: 7.788 min Scan# 2021

Delta R.T. 0.000 min

Lab File: VU056030.D

Acq: 31 Oct 2023 22:10

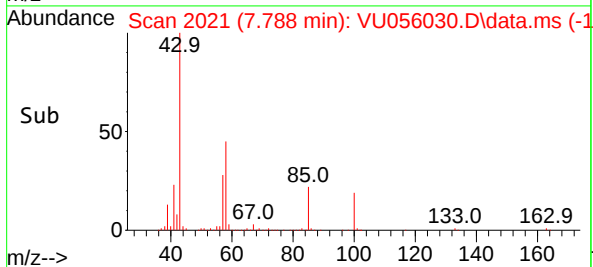
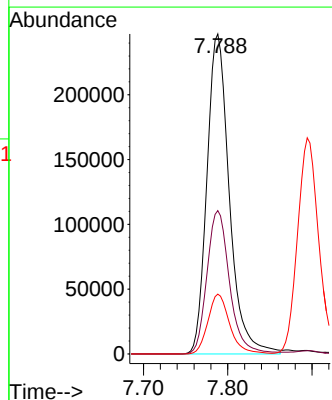
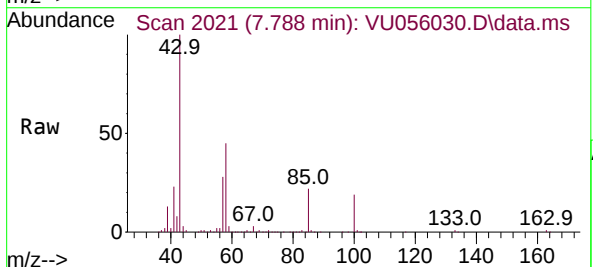
Tgt Ion: 43 Resp: 457370

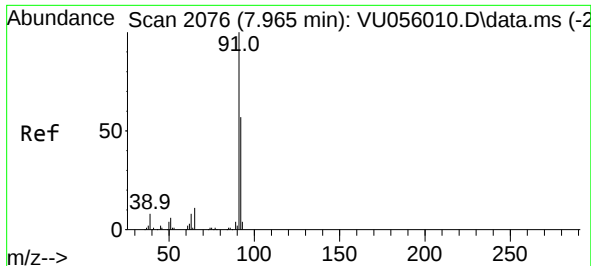
Ion Ratio Lower Upper

43 100

58 45.4 34.0 51.0

100 18.2 13.0 19.6





#42

Toluene

Concen: 5.247 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. 0.000 min

Lab File: VU056030.D

Acq: 31 Oct 2023 22:10

Instrument :

MSVOA_U

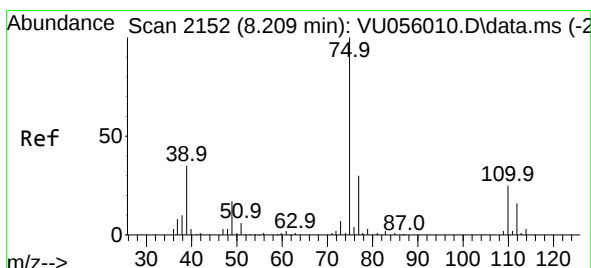
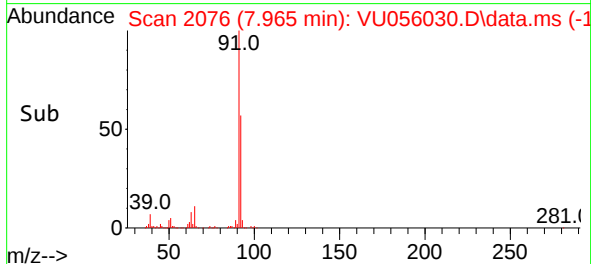
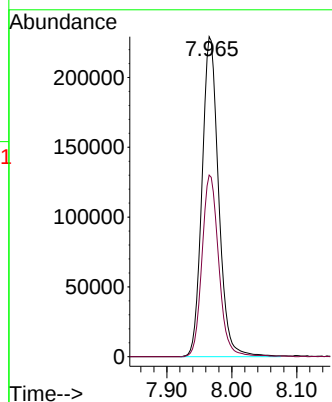
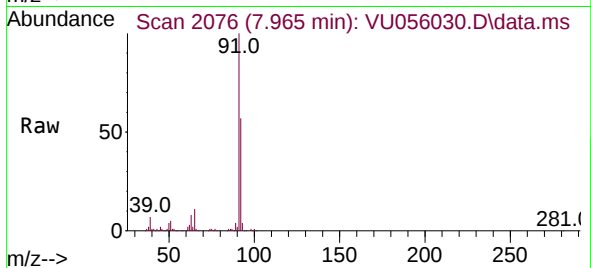
ClientSampleId :

Tgt Ion: 91 Resp: 408292

Ion Ratio Lower Upper

91 100

92 56.8 40.6 75.4



#44

trans-1,3-Dichloropropene

Concen: 4.834 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. -0.003 min

Lab File: VU056030.D

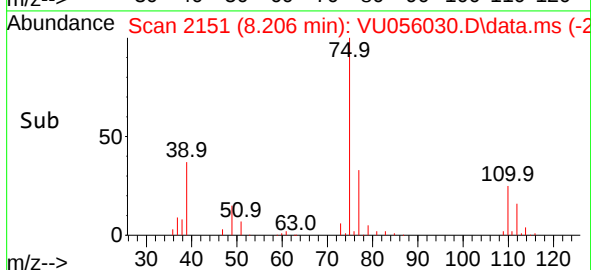
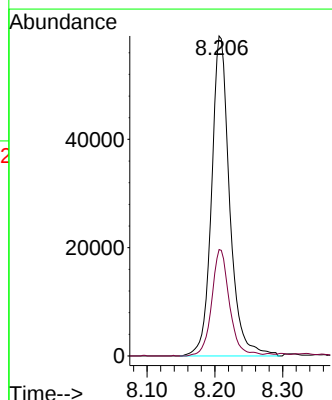
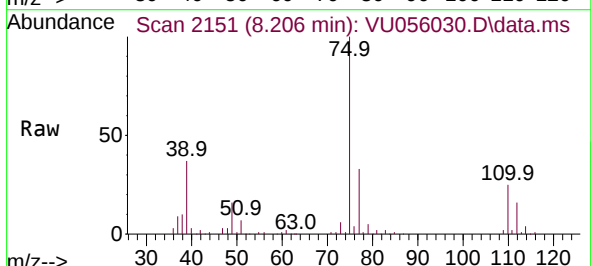
Acq: 31 Oct 2023 22:10

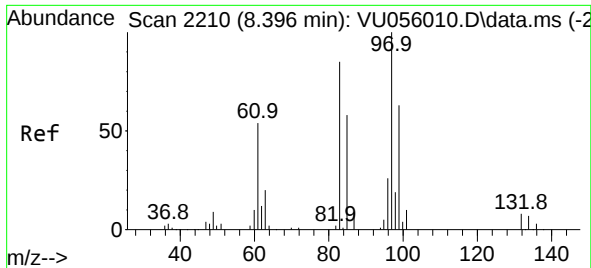
Tgt Ion: 75 Resp: 109893

Ion Ratio Lower Upper

75 100

77 33.3 21.7 40.3



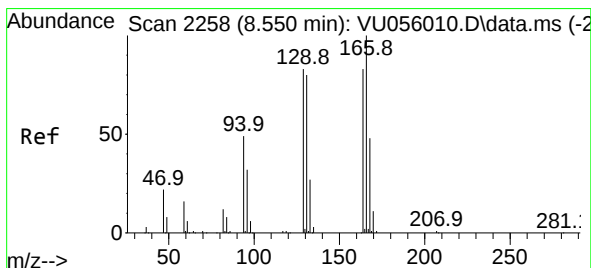
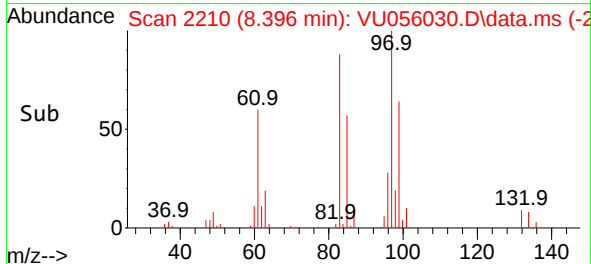
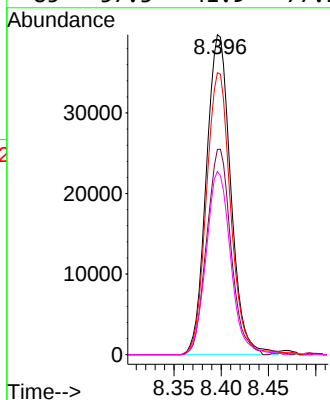
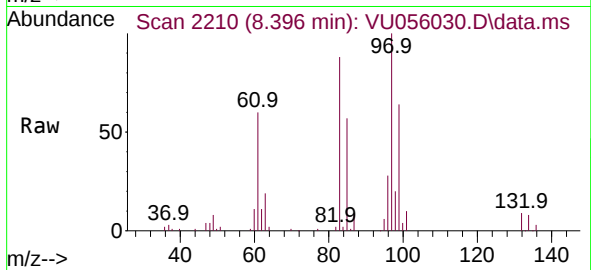


#45
 1,1,2-Trichloroethane
 Concen: 5.138 ug/L
 RT: 8.396 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VU056030.D
 Acq: 31 Oct 2023 22:10

Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion: 97 Resp: 71421

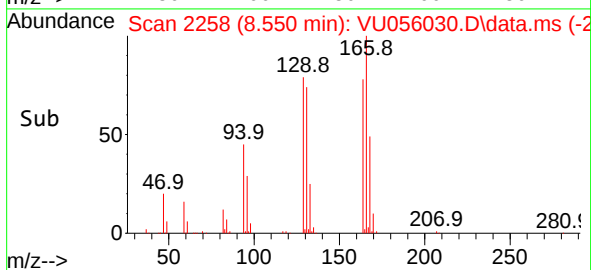
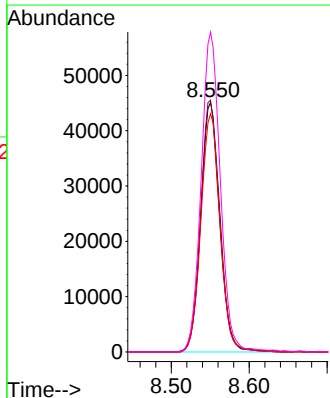
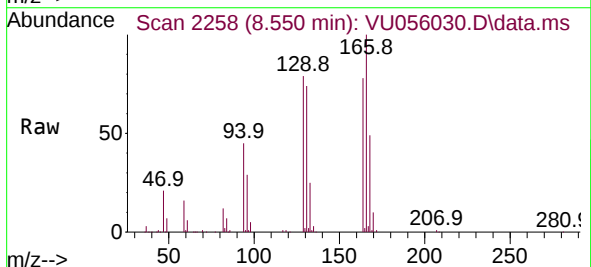
Ion	Ratio	Lower	Upper
97	100		
99	64.2	45.3	84.1
83	88.1	61.9	115.1
85	57.3	41.9	77.9

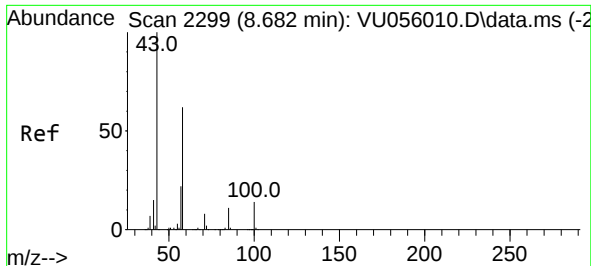


#47
 Tetrachloroethene
 Concen: 5.293 ug/L
 RT: 8.550 min Scan# 2258
 Delta R.T. 0.000 min
 Lab File: VU056030.D
 Acq: 31 Oct 2023 22:10

Tgt Ion: 164 Resp: 77198

Ion	Ratio	Lower	Upper
164	100		
129	100.9	72.2	134.0
131	95.4	70.8	131.6
166	128.2	89.0	165.2

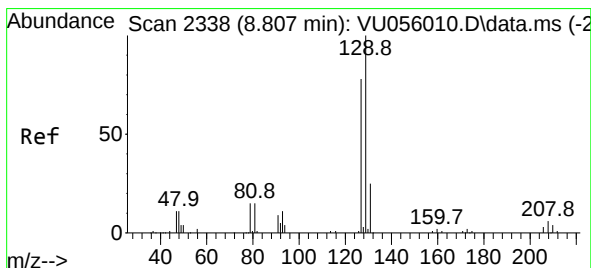
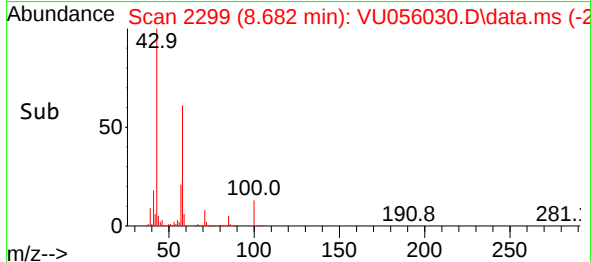
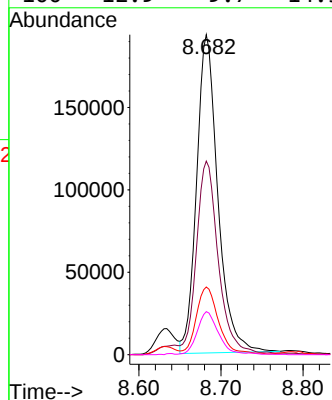
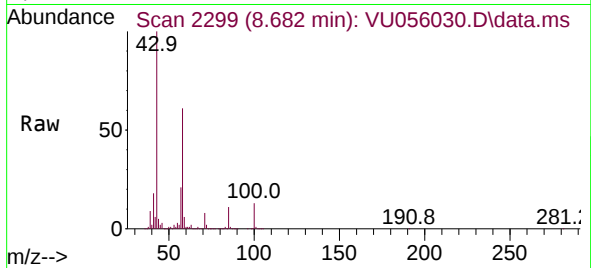




#48
2-Hexanone
Concen: 46.392 ug/L
RT: 8.682 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU056030.D
Acq: 31 Oct 2023 22:10

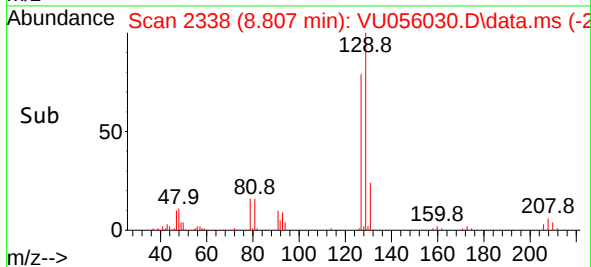
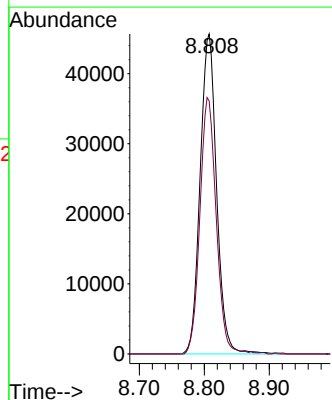
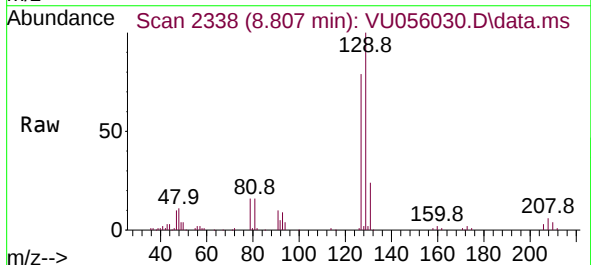
Instrument :
MSVOA_U
ClientSampleId :

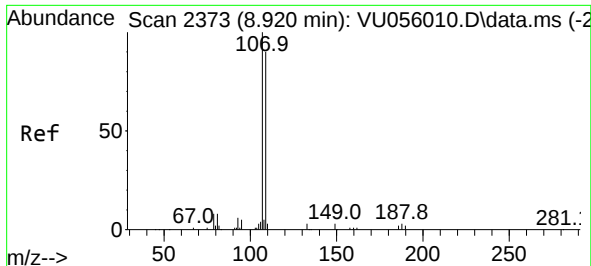
Tgt Ion: 43 Resp: 347625
Ion Ratio Lower Upper
43 100
58 60.9 49.5 74.3
57 22.6 16.9 25.3
100 12.9 9.7 14.5



#49
Dibromochloromethane
Concen: 5.292 ug/L
RT: 8.807 min Scan# 2338
Delta R.T. 0.000 min
Lab File: VU056030.D
Acq: 31 Oct 2023 22:10

Tgt Ion: 129 Resp: 80749
Ion Ratio Lower Upper
129 100
127 79.1 53.5 99.5





#50

1,2-Dibromoethane

Concen: 5.198 ug/L

RT: 8.920 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU056030.D

Acq: 31 Oct 2023 22:10

Instrument :

MSVOA_U

ClientSampleId :

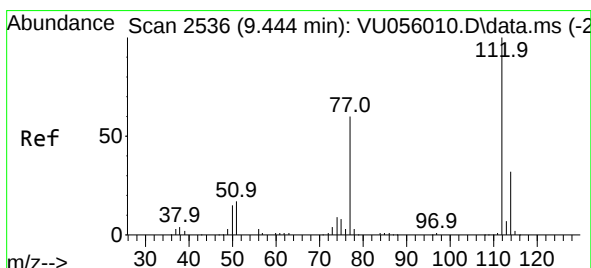
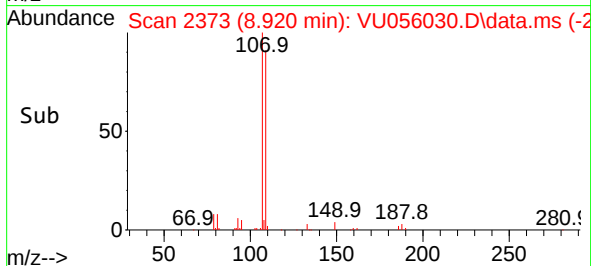
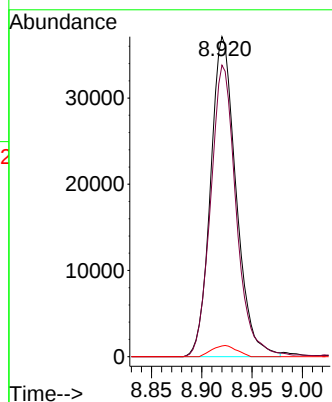
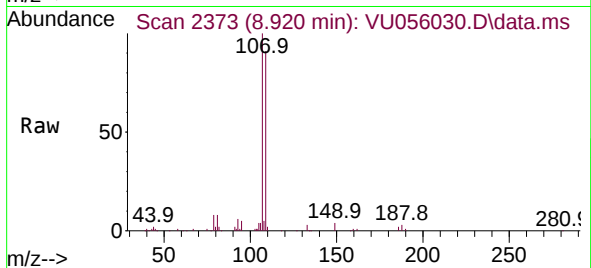
Tgt Ion:107 Resp: 65563

Ion Ratio Lower Upper

107 100

109 91.1 65.0 120.6

188 3.3 2.5 3.7



#51

Chlorobenzene

Concen: 5.054 ug/L

RT: 9.444 min Scan# 2536

Delta R.T. 0.000 min

Lab File: VU056030.D

Acq: 31 Oct 2023 22:10

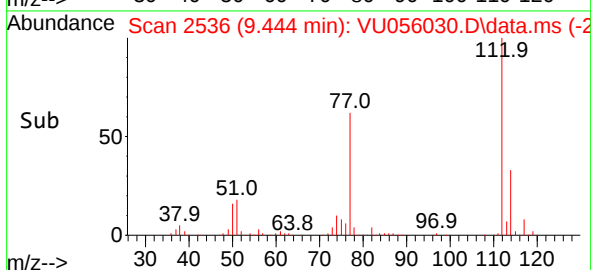
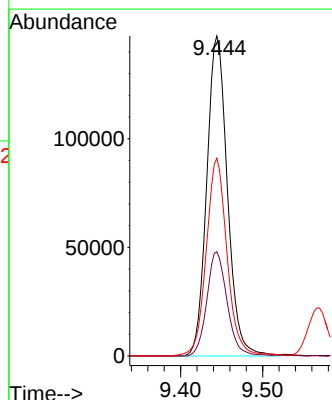
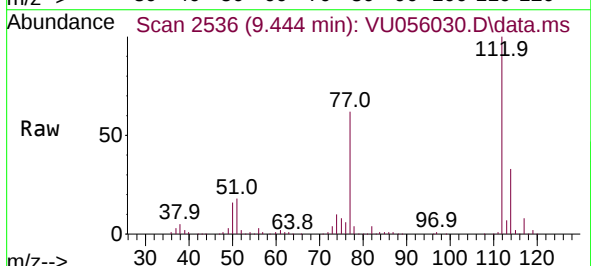
Tgt Ion:112 Resp: 257721

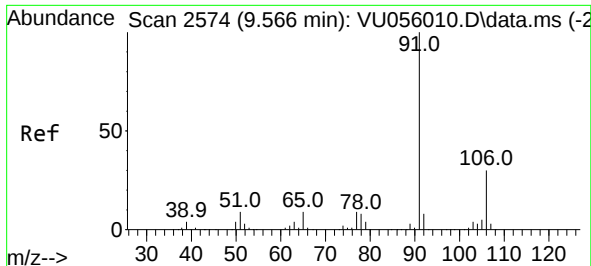
Ion Ratio Lower Upper

112 100

114 32.6 22.3 41.5

77 61.8 49.9 74.9





#52

Ethylbenzene

Concen: 4.897 ug/L

RT: 9.566 min Scan# 2574

Delta R.T. 0.000 min

Lab File: VU056030.D

Acq: 31 Oct 2023 22:10

Instrument :

MSVOA_U

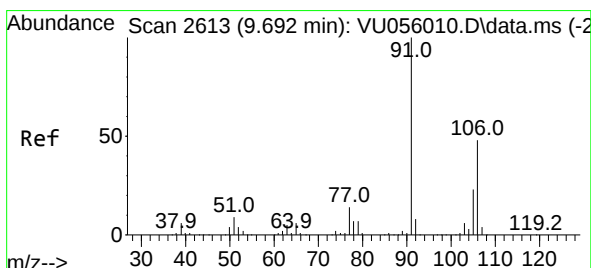
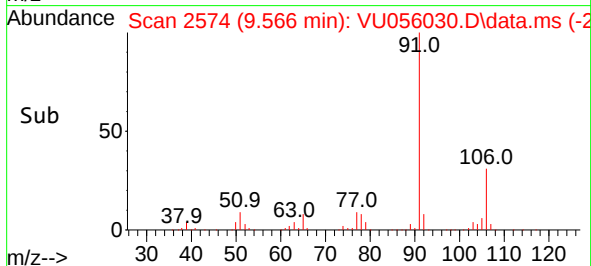
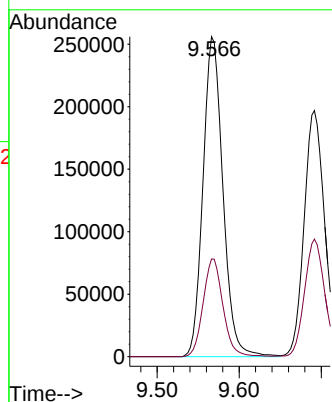
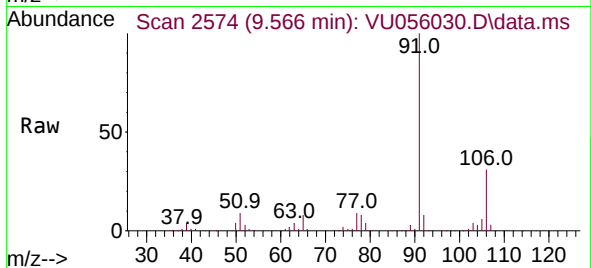
ClientSampleId :

Tgt Ion: 91 Resp: 431937

Ion Ratio Lower Upper

91 100

106 30.5 21.3 39.5



#53

m,p-Xylene

Concen: 5.021 ug/L

RT: 9.692 min Scan# 2613

Delta R.T. 0.000 min

Lab File: VU056030.D

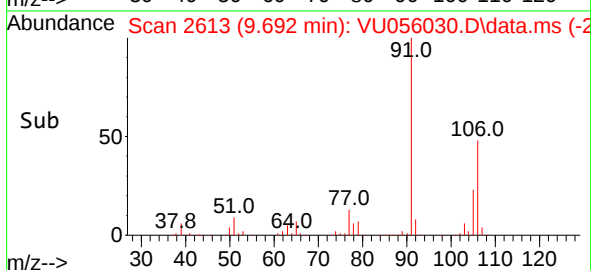
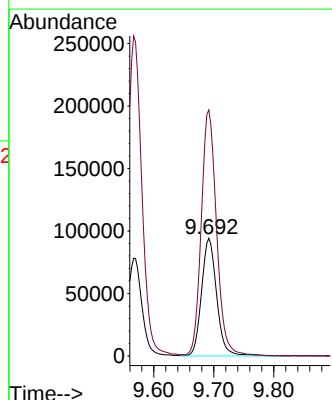
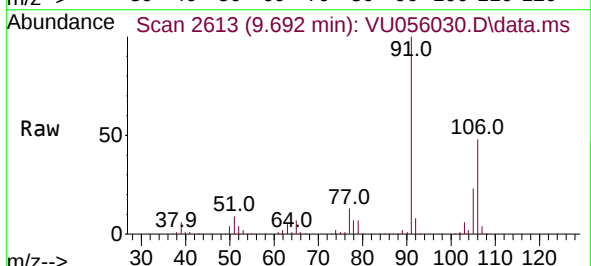
Acq: 31 Oct 2023 22:10

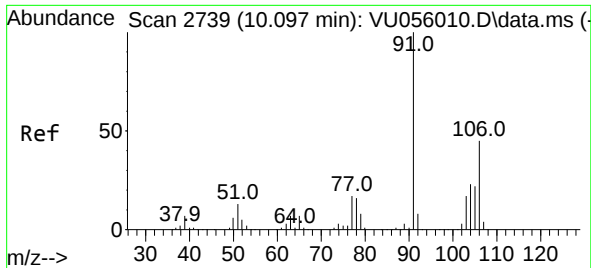
Tgt Ion: 106 Resp: 165502

Ion Ratio Lower Upper

106 100

91 209.3 150.4 279.2

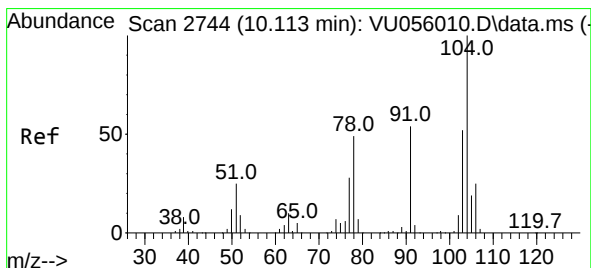
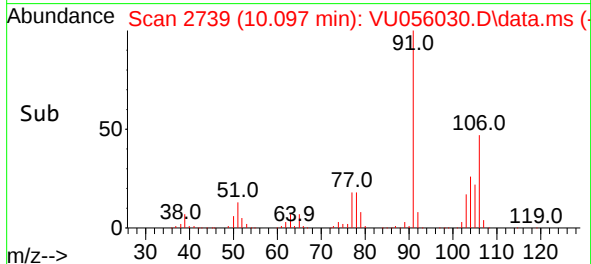
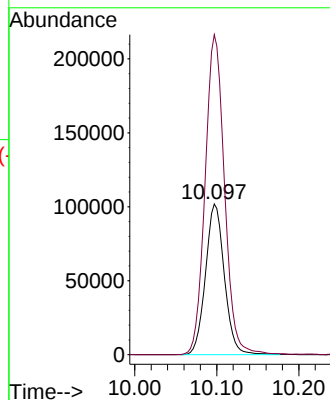
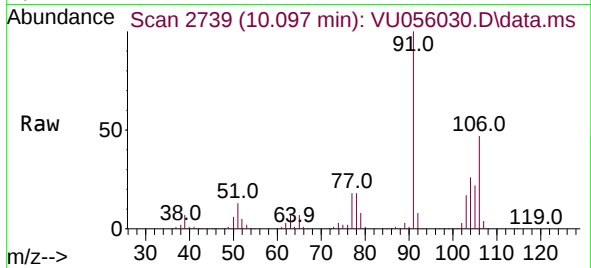




#54
o-Xylene
Concen: 5.061 ug/L
RT: 10.097 min Scan# 2739
Delta R.T. 0.000 min
Lab File: VU056030.D
Acq: 31 Oct 2023 22:10

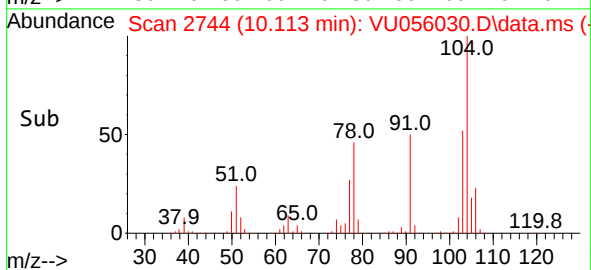
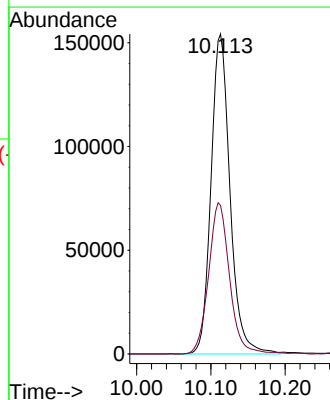
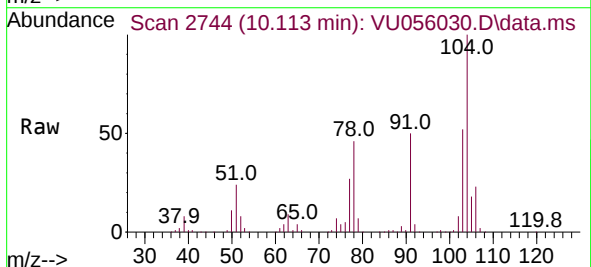
Instrument :
MSVOA_U
ClientSampleId :

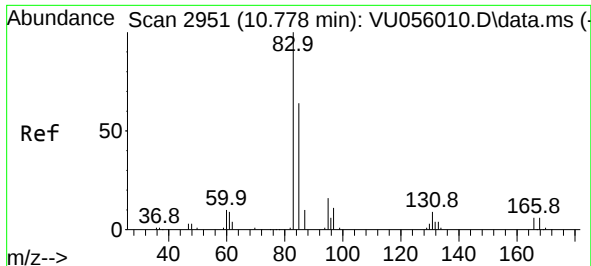
Tgt Ion:106 Resp: 163234
Ion Ratio Lower Upper
106 100
91 212.2 154.6 287.2



#55
Styrene
Concen: 5.296 ug/L
RT: 10.113 min Scan# 2744
Delta R.T. 0.000 min
Lab File: VU056030.D
Acq: 31 Oct 2023 22:10

Tgt Ion:104 Resp: 273850
Ion Ratio Lower Upper
104 100
78 46.4 33.9 63.0

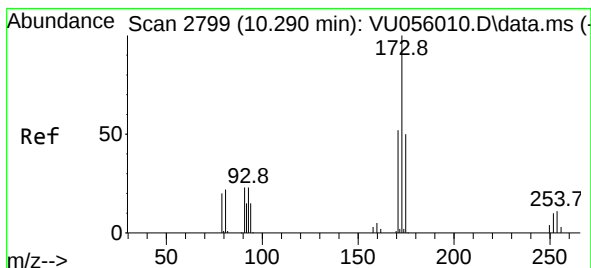
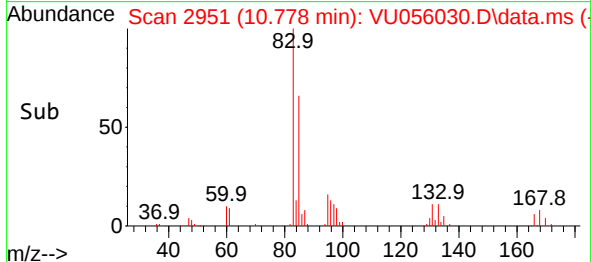
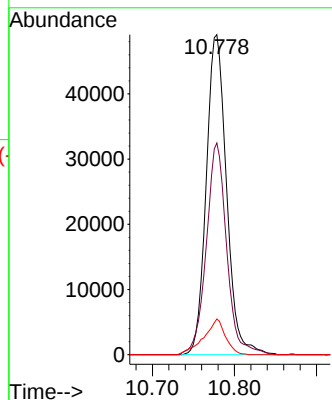
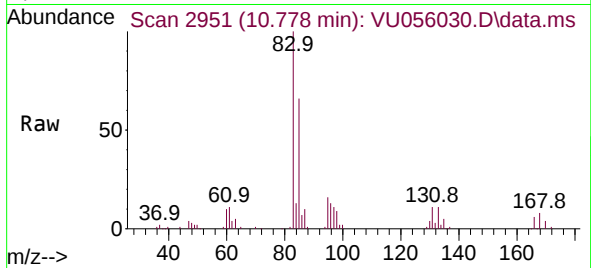




#57
1,1,2,2-Tetrachloroethane
Concen: 5.252 ug/L
RT: 10.778 min Scan# 2951
Delta R.T. 0.000 min
Lab File: VU056030.D
Acq: 31 Oct 2023 22:10

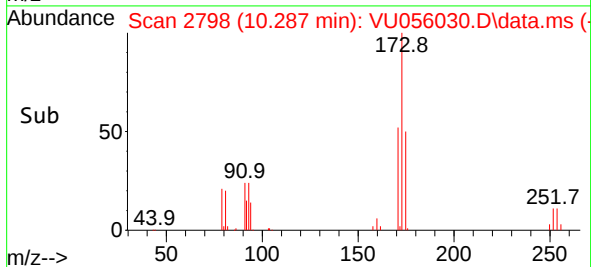
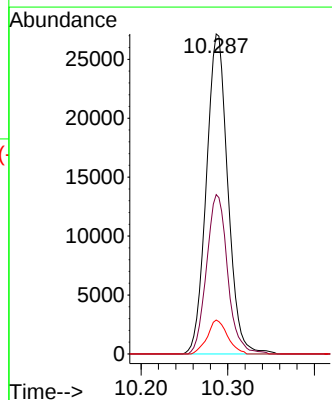
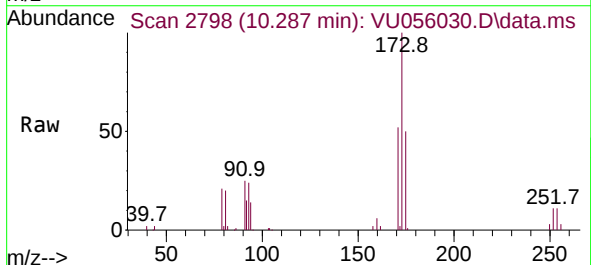
Instrument :
MSVOA_U
ClientSampleId :

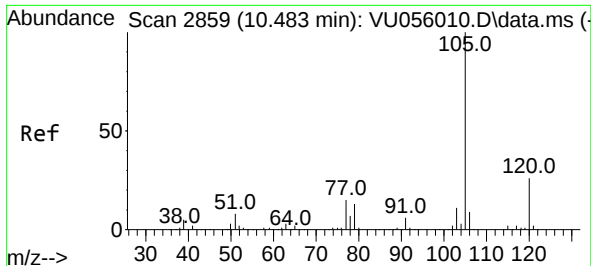
Tgt Ion: 83 Resp: 84502
Ion Ratio Lower Upper
83 100
85 66.2 46.2 85.8
131 11.2 7.2 10.8#



#59
Bromoform
Concen: 5.407 ug/L
RT: 10.287 min Scan# 2798
Delta R.T. -0.003 min
Lab File: VU056030.D
Acq: 31 Oct 2023 22:10

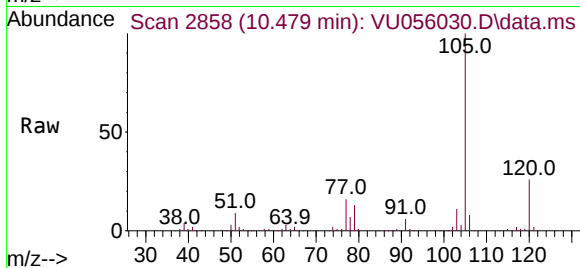
Tgt Ion:173 Resp: 46678
Ion Ratio Lower Upper
173 100
175 48.9 37.8 56.6
254 10.0 7.4 11.0



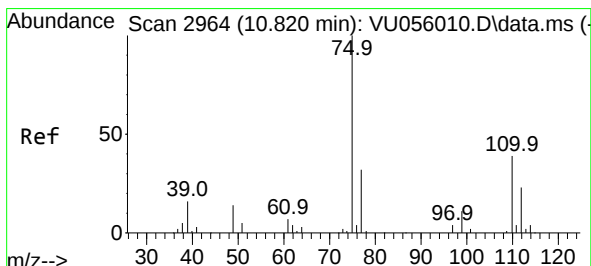
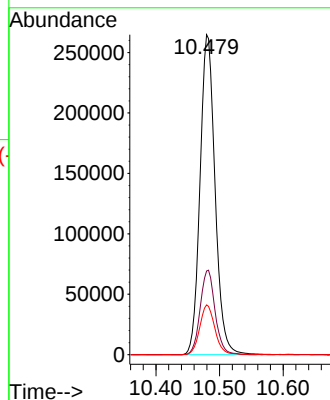
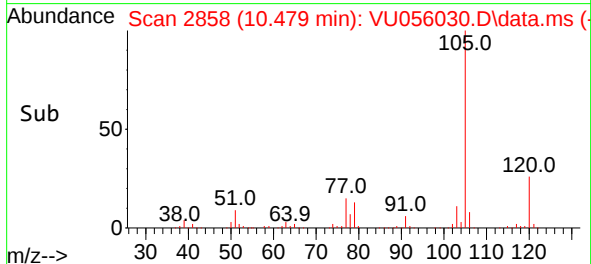


#60
Isopropylbenzene
Concen: 5.136 ug/L
RT: 10.479 min Scan# 2859
Delta R.T. -0.003 min
Lab File: VU056030.D
Acq: 31 Oct 2023 22:10

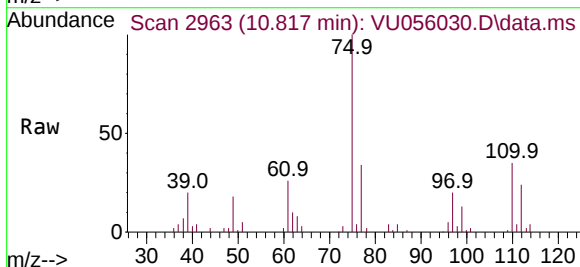
Instrument :
MSVOA_U
ClientSampleId :



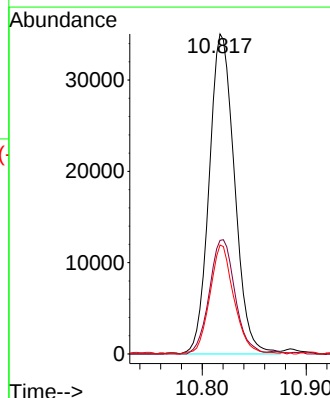
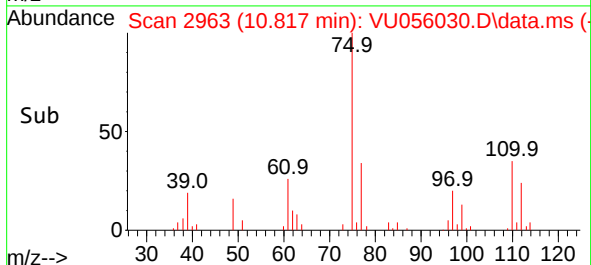
Tgt Ion:105 Resp: 434353
Ion Ratio Lower Upper
105 100
120 26.2 20.2 30.4
77 15.7 13.0 19.4

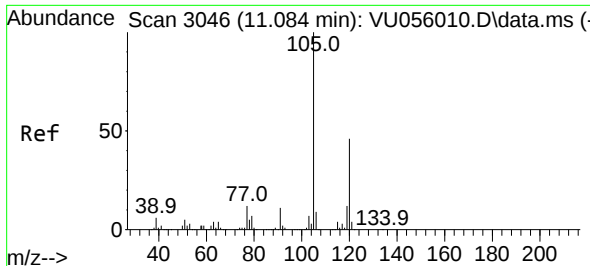


#61
1,2,3-Trichloropropane
Concen: 5.093 ug/L
RT: 10.817 min Scan# 2963
Delta R.T. -0.003 min
Lab File: VU056030.D
Acq: 31 Oct 2023 22:10



Tgt Ion: 75 Resp: 59345
Ion Ratio Lower Upper
75 100
110 36.2 29.0 43.6
77 32.4 24.5 36.7

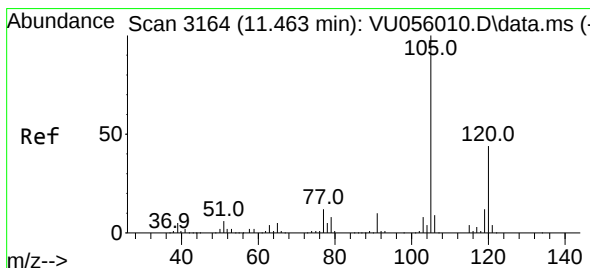
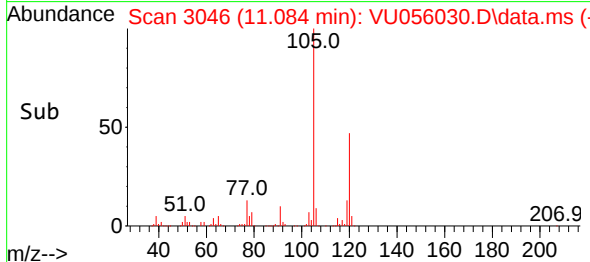
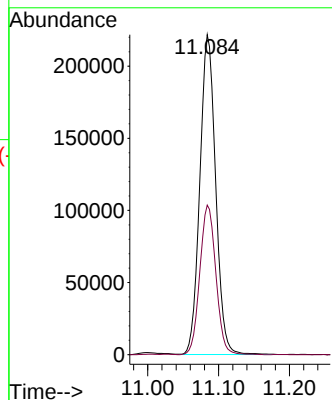
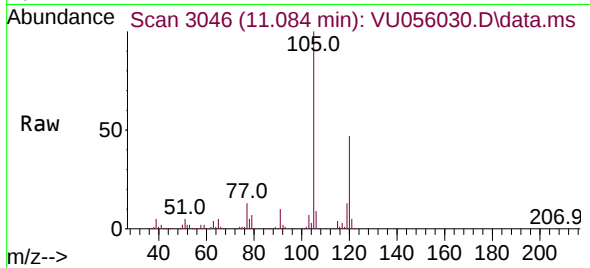




#62
 1,3,5-Trimethylbenzene
 Concen: 4.962 ug/L
 RT: 11.084 min Scan# 3046
 Delta R.T. 0.000 min
 Lab File: VU056030.D
 Acq: 31 Oct 2023 22:10

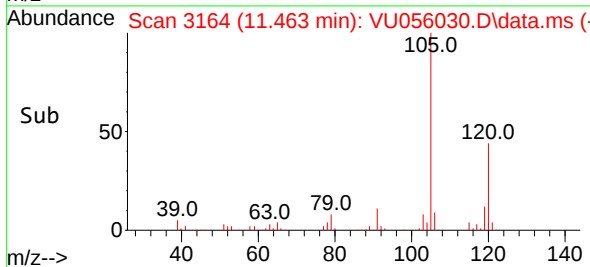
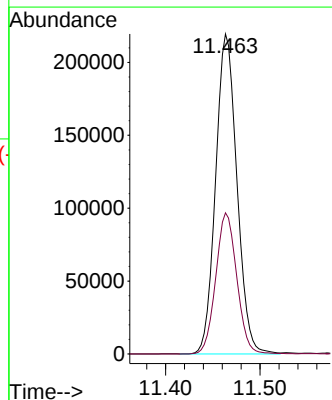
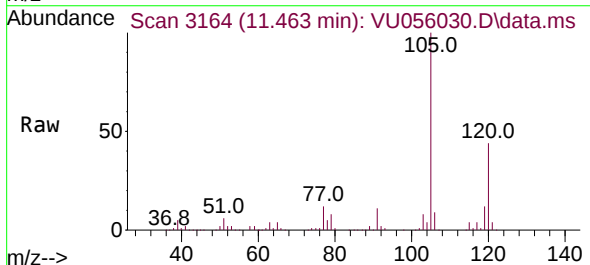
Instrument :
 MSVOA_U
 ClientSampleId :

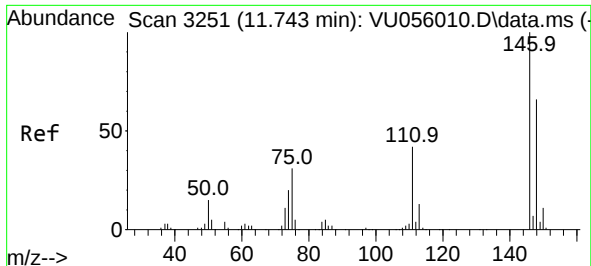
Tgt Ion:105 Resp: 342966
 Ion Ratio Lower Upper
 105 100
 120 47.5 37.4 56.2



#63
 1,2,4-Trimethylbenzene
 Concen: 5.352 ug/L
 RT: 11.463 min Scan# 3164
 Delta R.T. 0.000 min
 Lab File: VU056030.D
 Acq: 31 Oct 2023 22:10

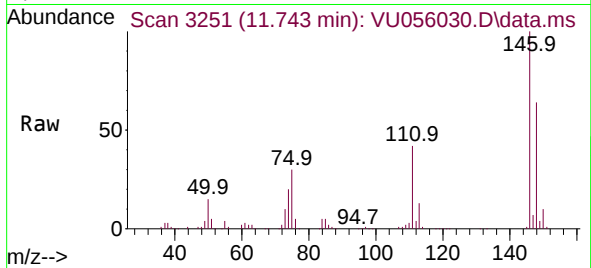
Tgt Ion:105 Resp: 343655
 Ion Ratio Lower Upper
 105 100
 120 43.6 34.6 52.0



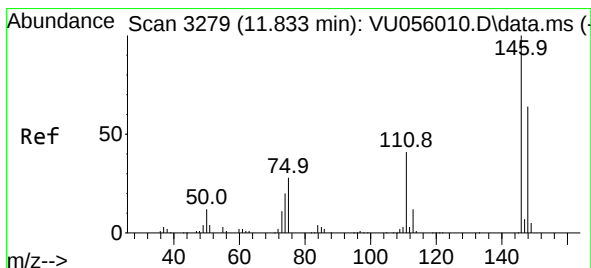
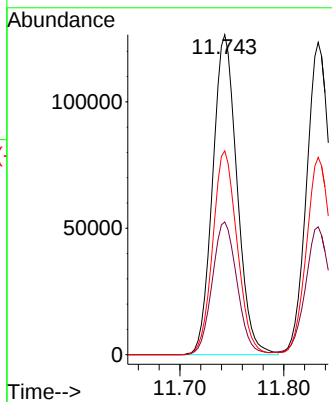
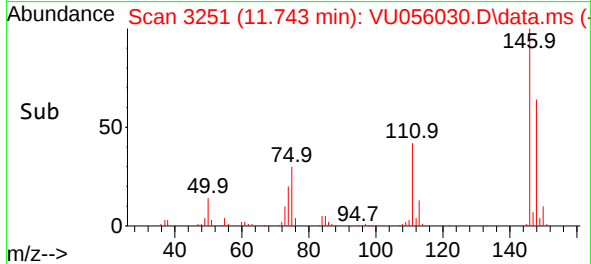


#64
1,3-Dichlorobenzene
Concen: 5.155 ug/L
RT: 11.743 min Scan# 3251
Delta R.T. 0.000 min
Lab File: VU056030.D
Acq: 31 Oct 2023 22:10

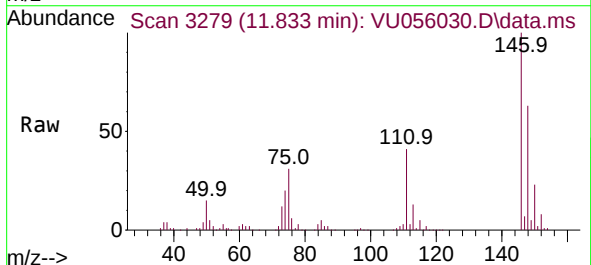
Instrument :
MSVOA_U
ClientSampleId :



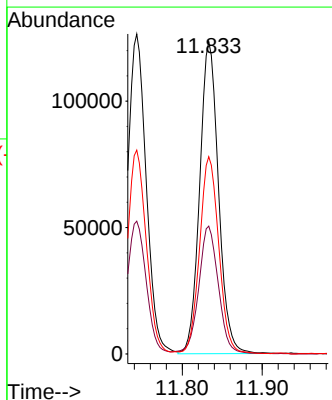
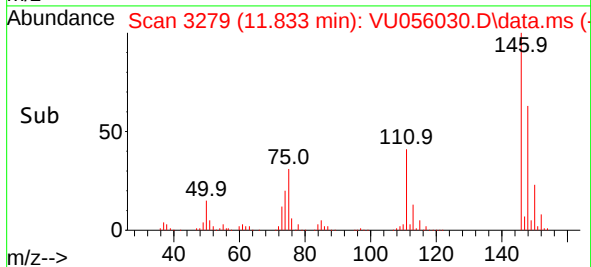
Tgt Ion:146 Resp: 206660
Ion Ratio Lower Upper
146 100
111 41.5 31.1 57.9
148 63.7 44.8 83.2

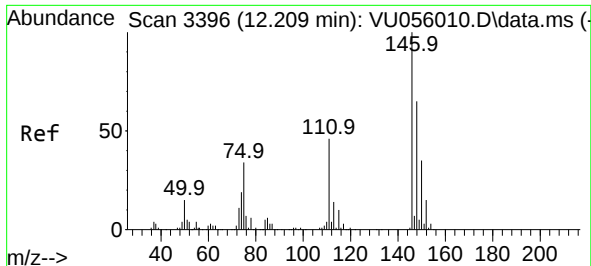


#65
1,4-Dichlorobenzene
Concen: 5.054 ug/L
RT: 11.833 min Scan# 3279
Delta R.T. 0.000 min
Lab File: VU056030.D
Acq: 31 Oct 2023 22:10



Tgt Ion:146 Resp: 202194
Ion Ratio Lower Upper
146 100
111 41.0 29.3 54.3
148 63.2 45.6 84.8





#67

1,2-Dichlorobenzene

Concen: 5.229 ug/L

RT: 12.209 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU056030.D

Acq: 31 Oct 2023 22:10

Instrument :

MSVOA_U

ClientSampleId :

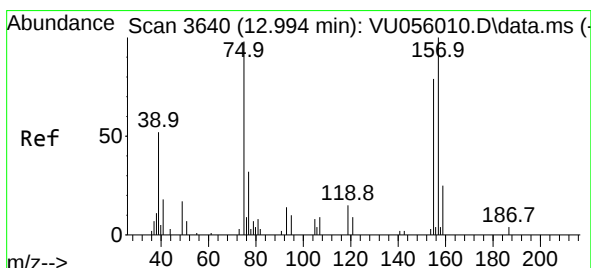
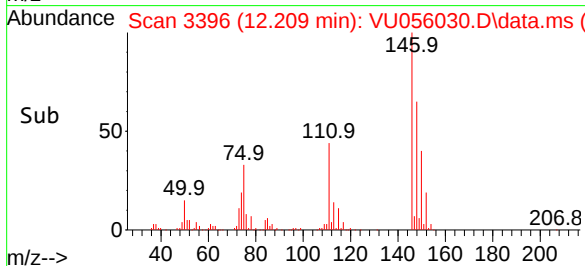
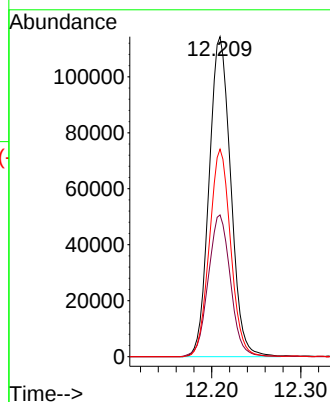
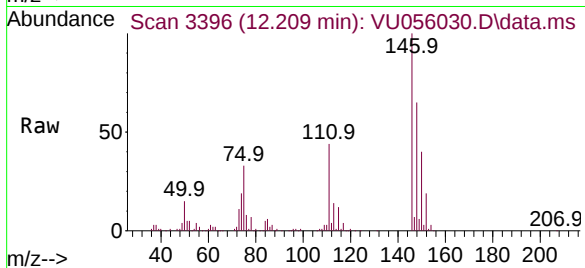
Tgt Ion:146 Resp: 192459

Ion Ratio Lower Upper

146 100

111 44.3 36.7 55.1

148 64.9 51.0 76.4



#68

1,2-Dibromo-3-chloropropane

Concen: 5.799 ug/L

RT: 12.994 min Scan# 3640

Delta R.T. 0.000 min

Lab File: VU056030.D

Acq: 31 Oct 2023 22:10

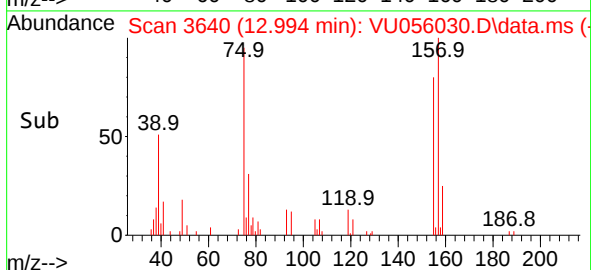
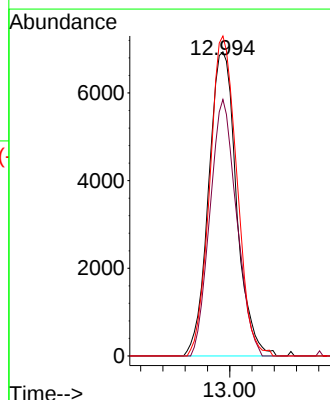
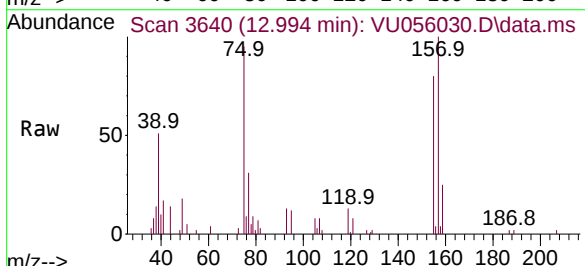
Tgt Ion: 75 Resp: 12056

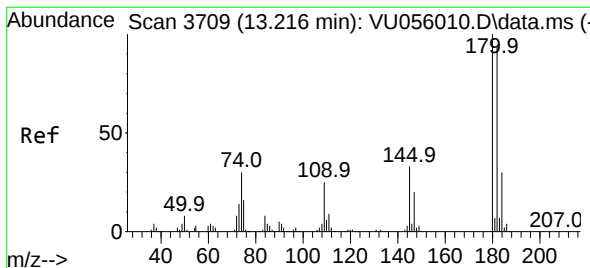
Ion Ratio Lower Upper

75 100

155 84.3 65.3 97.9

157 105.2 87.9 131.9





#69

1,3,5-Trichlorobenzene

Concen: 5.327 ug/L

RT: 13.216 min Scan# 31

Delta R.T. 0.000 min

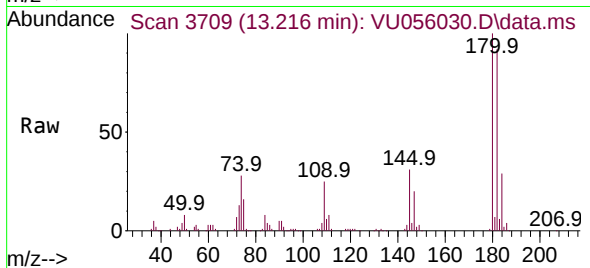
Lab File: VU056030.D

Acq: 31 Oct 2023 22:10

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 145933

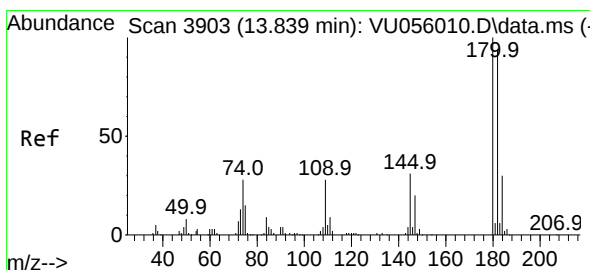
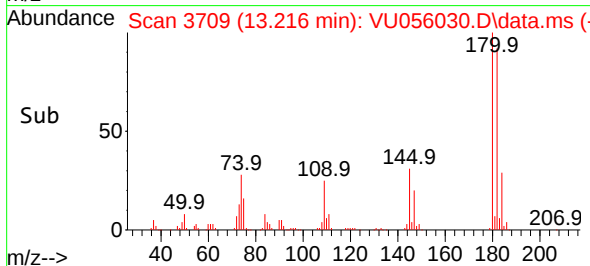
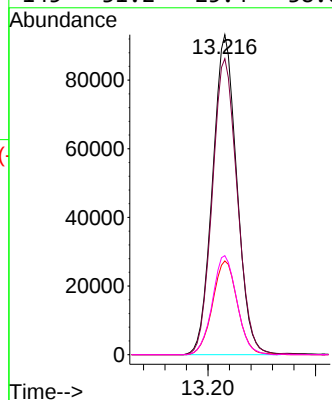
Ion Ratio Lower Upper

180 100

182 94.9 74.7 112.1

184 30.0 23.8 35.8

145 31.2 25.4 38.0



#70

1,2,4-trichlorobenzene

Concen: 5.628 ug/L

RT: 13.836 min Scan# 3902

Delta R.T. -0.003 min

Lab File: VU056030.D

Acq: 31 Oct 2023 22:10

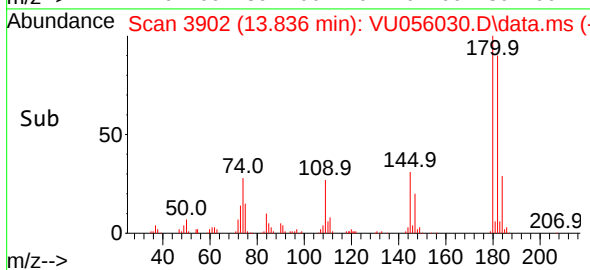
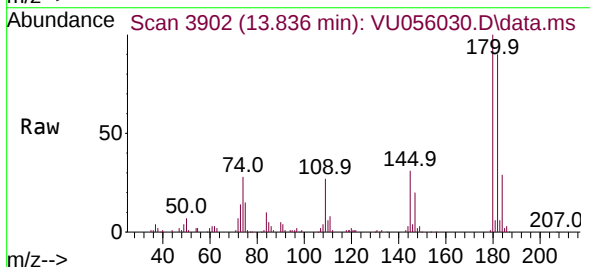
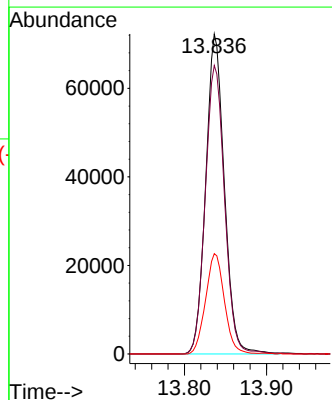
Tgt Ion:180 Resp: 113956

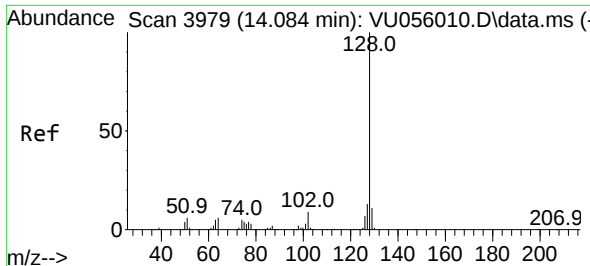
Ion Ratio Lower Upper

180 100

182 93.5 76.1 114.1

145 31.7 26.4 39.6



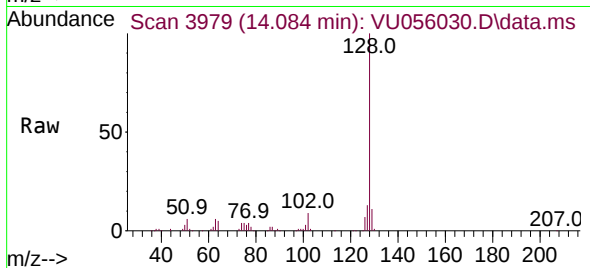


#71
Naphthalene
Concen: 5.487 ug/L
RT: 14.084 min Scan# 3979
Delta R.T. 0.000 min
Lab File: VU056030.D
Acq: 31 Oct 2023 22:10

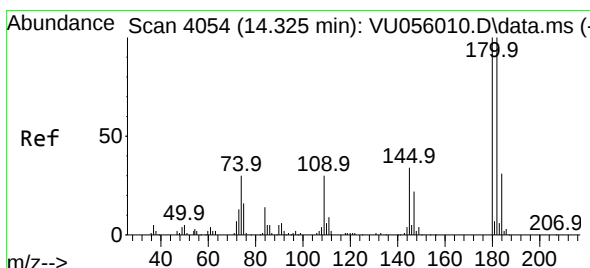
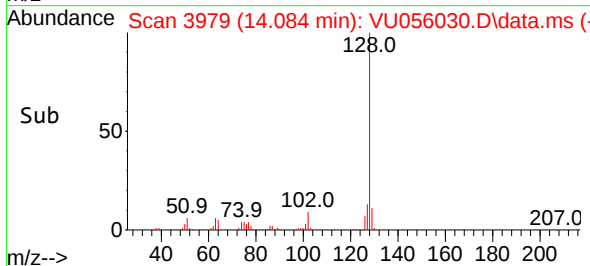
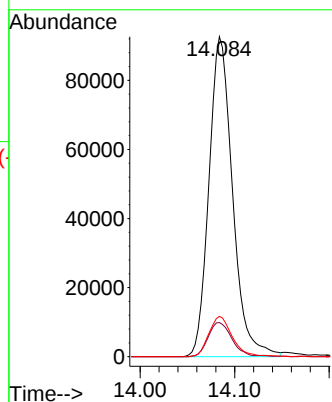
Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:128 Resp: 160899
Ion Ratio Lower Upper
128 100
129 10.7 8.3 12.5
127 12.6 10.0 15.0



#72
1,2,3-Trichlorobenzene
Concen: 5.428 ug/L
RT: 14.325 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VU056030.D
Acq: 31 Oct 2023 22:10

Tgt Ion:180 Resp: 94756
Ion Ratio Lower Upper
180 100
182 98.8 74.6 112.0
145 34.0 27.4 41.2

