

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU103023\
 Data File : VU056008.D
 Acq On : 30 Oct 2023 19:37
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 31 05:33:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Oct 31 05:28:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	351106	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	338279	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	179844	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	103477	3.726	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.600%
7) Chloroethane-d5	1.914	69	95870	4.428	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.600%
11) 1,1-Dichloroethene-d2	2.567	65	49676	4.213	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.200%
20) 2-Butanone-d5	4.628	46	256578	51.783	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.560%
24) Chloroform-d	5.058	84	248899	4.836	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.800%
26) 1,2-Dichloroethane-d4	5.698	65	115792	4.618	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.400%
32) Benzene-d6	5.724	84	497468	4.937	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.800%
36) 1,2-Dichloropropane-d6	6.685	67	151190	5.061	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.200%
41) Toluene-d8	7.894	98	448827	4.910	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.200%
43) trans-1,3-Dichloroprop...	8.177	79	53975	4.620	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.400%
46) 2-Hexanone-d5	8.631	63	219033	73.855	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	147.720%#
56) 1,1,2,2-Tetrachloroeth...	10.753	84	115504	5.310	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.200%
66) 1,2-Dichlorobenzene-d4	12.190	152	164474	4.902	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	87063	4.351	ug/L	96
3) Chloromethane	1.518	50	76676	4.013	ug/L	95
5) Vinyl chloride	1.602	62	88100	4.186	ug/L	100
6) Bromomethane	1.859	94	55009	4.220	ug/L	100
8) Chloroethane	1.933	64	57840	4.690	ug/L	97
9) Trichlorofluoromethane	2.139	101	136818	4.713	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	92543	4.854	ug/L	99
12) 1,1-Dichloroethene	2.579	96	79819	4.691	ug/L	92
13) Acetone	2.637	43	112595	39.877	ug/L	97
14) Carbon disulfide	2.795	76	189950	4.359	ug/L	99
15) Methyl Acetate	2.956	43	26846	4.667	ug/L #	88
16) Methylene chloride	3.042	84	100741	5.225	ug/L	98
17) Methyl tert-butyl Ether	3.361	73	201360	4.876	ug/L	98
18) trans-1,2-Dichloroethene	3.351	96	83432	4.945	ug/L	95
19) 1,1-Dichloroethane	3.866	63	169723	4.954	ug/L	98
21) 2-Butanone	4.708	43	189899	45.751	ug/L	99
22) cis-1,2-Dichloroethene	4.663	96	98074	4.801	ug/L	97
23) Bromochloromethane	4.972	128	42506	5.107	ug/L	94
25) Chloroform	5.084	83	181713	4.947	ug/L	98

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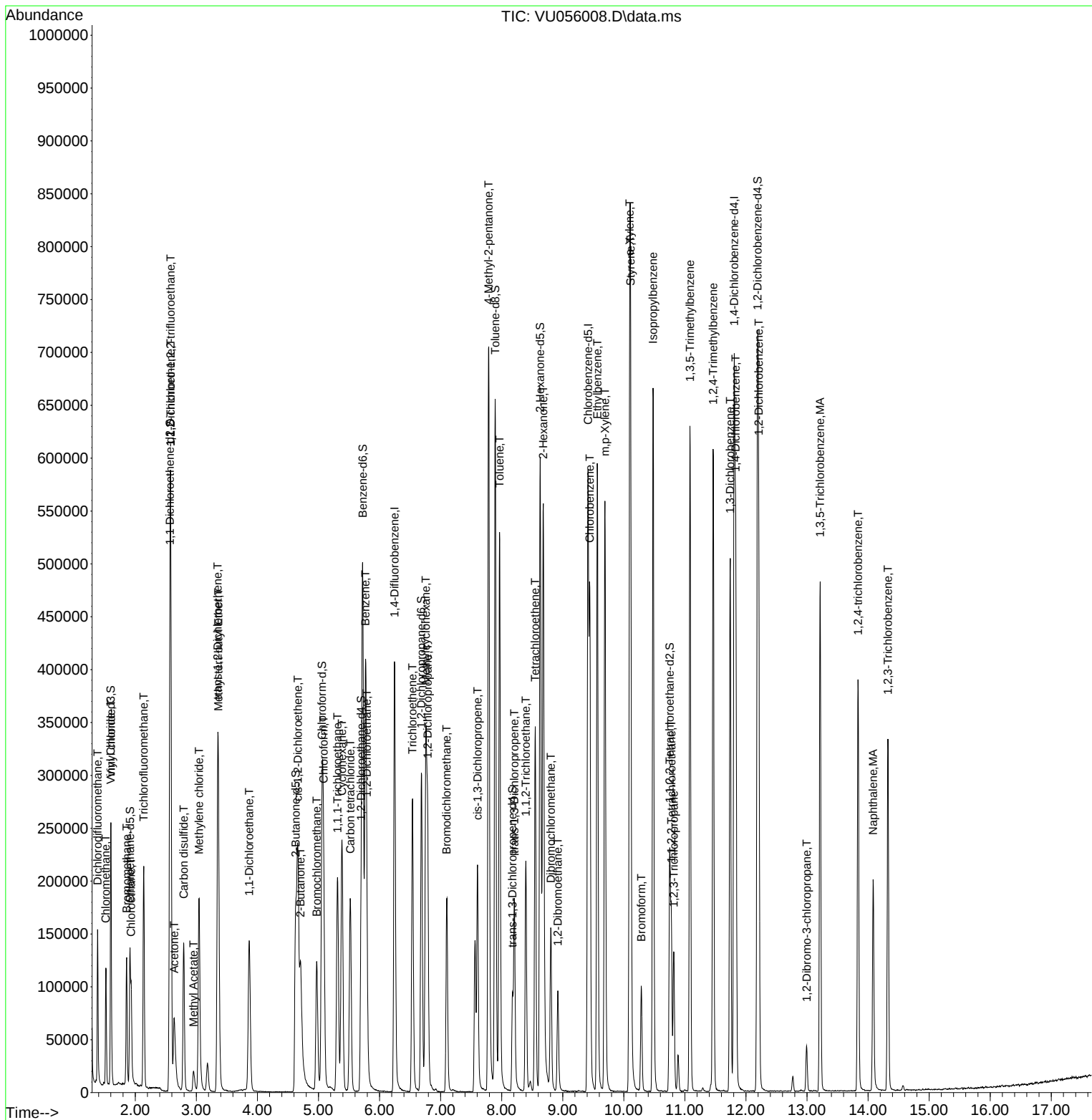
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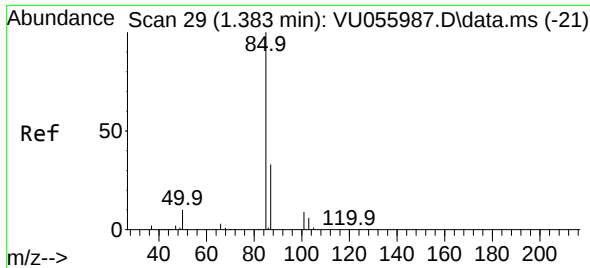
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Oct 31 05:28:08 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.792	62	98332	4.556	ug/L	96
29) 1,1,1-Trichloroethane	5.312	97	153127	4.966	ug/L	97
30) Cyclohexane	5.386	56	120149	4.619	ug/L	98
31) Carbon tetrachloride	5.521	117	132894	5.053	ug/L	98
33) Benzene	5.769	78	375708	5.033	ug/L	100
34) Trichloroethene	6.541	95	102143	4.891	ug/L	98
35) Methylcyclohexane	6.759	83	133401	4.733	ug/L	97
37) 1,2-Dichloropropane	6.788	63	98980	4.994	ug/L	99
38) Bromodichloromethane	7.100	83	127719	5.132	ug/L	99
39) cis-1,3-Dichloropropene	7.605	75	141595	5.014	ug/L	100
40) 4-Methyl-2-pentanone	7.785	43	456332	47.758	ug/L	97
42) Toluene	7.965	91	406280	5.208	ug/L	100
44) trans-1,3-Dichloropropene	8.206	75	113541	4.981	ug/L	99
45) 1,1,2-Trichloroethane	8.396	97	72058	5.170	ug/L	94
47) Tetrachloroethene	8.550	164	76603	5.238	ug/L	97
48) 2-Hexanone	8.682	43	348152	46.340	ug/L	99
49) Dibromochloromethane	8.804	129	83145	5.434	ug/L	98
50) 1,2-Dibromoethane	8.920	107	65040	5.143	ug/L #	96
51) Chlorobenzene	9.444	112	259496	5.075	ug/L	98
52) Ethylbenzene	9.566	91	438640	4.960	ug/L	99
53) m,p-Xylene	9.692	106	167825	5.078	ug/L	98
54) o-Xylene	10.097	106	163030	5.041	ug/L	99
55) Styrene	10.113	104	279725	5.396	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.778	83	84075	5.211	ug/L	98
59) Bromoform	10.287	173	46532	5.086	ug/L	97
60) Isopropylbenzene	10.479	105	450441	5.026	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	57821	4.683	ug/L	96
62) 1,3,5-Trimethylbenzene	11.084	105	353081	4.821	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	351407	5.165	ug/L	100
64) 1,3-Dichlorobenzene	11.743	146	213269	5.020	ug/L	99
65) 1,4-Dichlorobenzene	11.833	146	215234	5.077	ug/L	98
67) 1,2-Dichlorobenzene	12.209	146	196387	5.035	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.994	75	12723	5.775	ug/L	97
69) 1,3,5-Trichlorobenzene	13.216	180	153235	5.279	ug/L	98
70) 1,2,4-trichlorobenzene	13.836	180	121842	5.678	ug/L	99
71) Naphthalene	14.084	128	169187	5.445	ug/L	98
72) 1,2,3-Trichlorobenzene	14.325	180	102045	5.516	ug/L	97

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

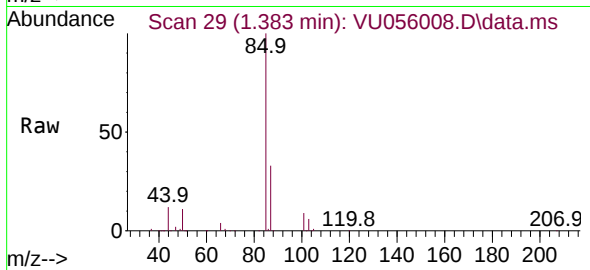
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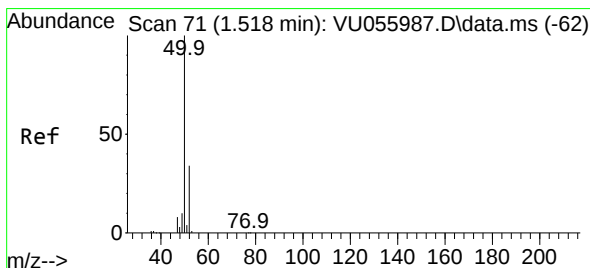
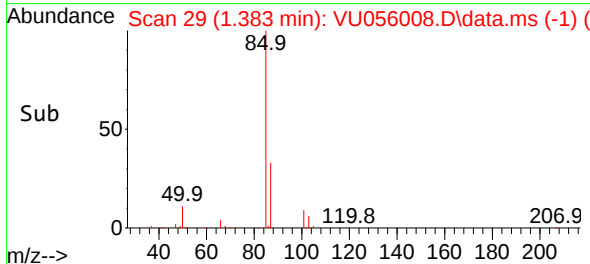
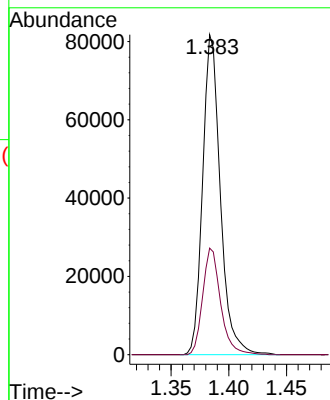


#2
 Dichlorodifluoromethane
 Concen: 4.351 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. 0.000 min
 Lab File: VU056008.D
 Acq: 30 Oct 2023 19:37

Instrument :
 MSVOA_U
 ClientSampleId :

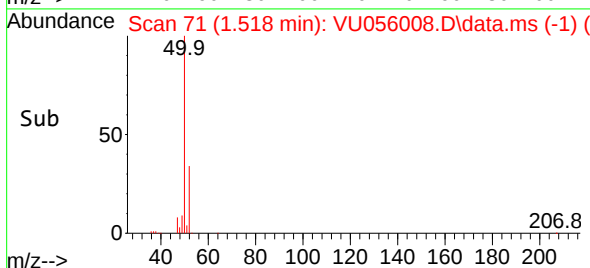
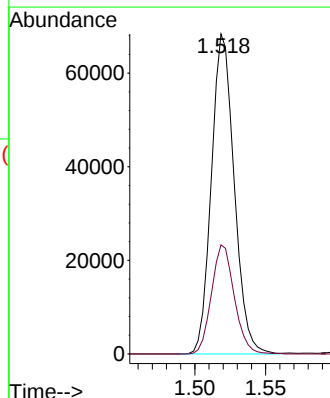
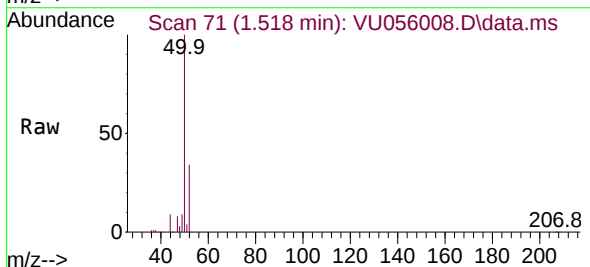


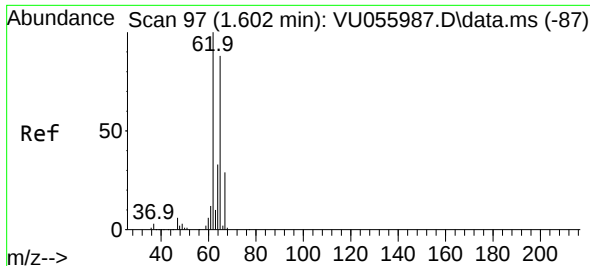
Tgt Ion: 85 Resp: 87063
 Ion Ratio Lower Upper
 85 100
 87 33.7 25.0 37.4



#3
 Chloromethane
 Concen: 4.013 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VU056008.D
 Acq: 30 Oct 2023 19:37

Tgt Ion: 50 Resp: 76676
 Ion Ratio Lower Upper
 50 100
 52 34.1 22.0 40.8

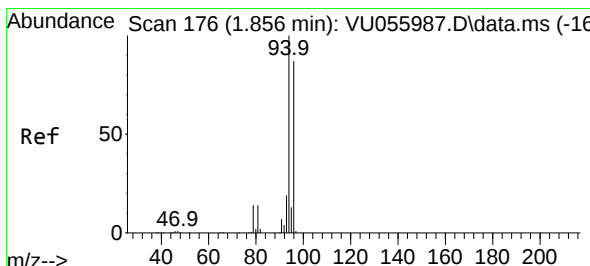
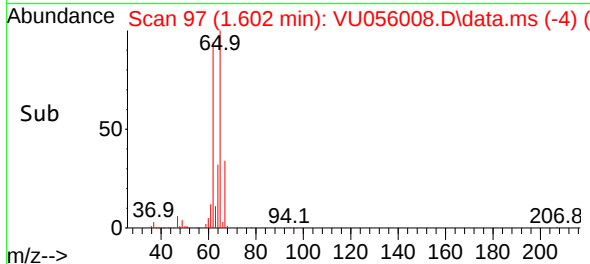
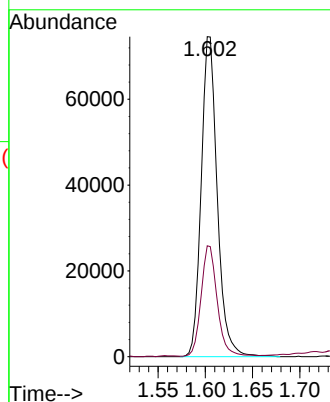
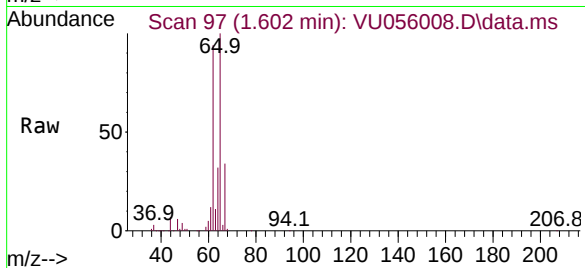




#5
 Vinyl chloride
 Concen: 4.186 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VU056008.D
 Acq: 30 Oct 2023 19:37

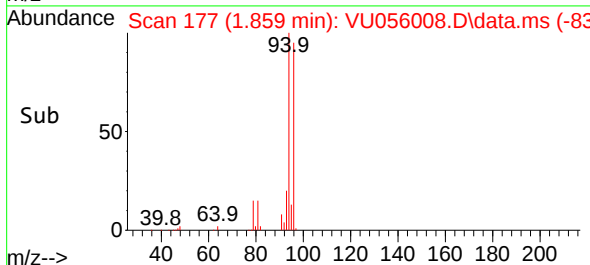
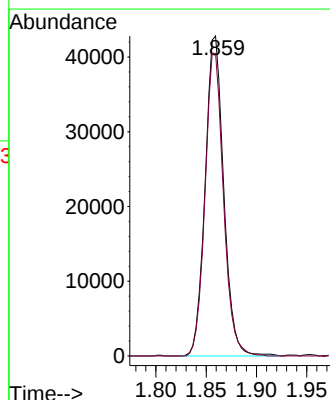
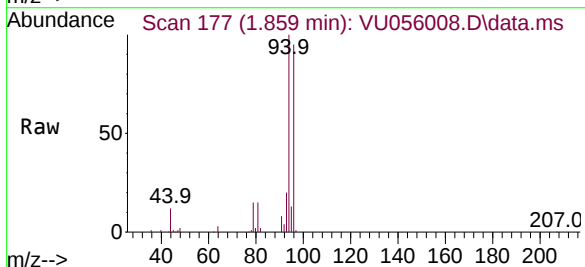
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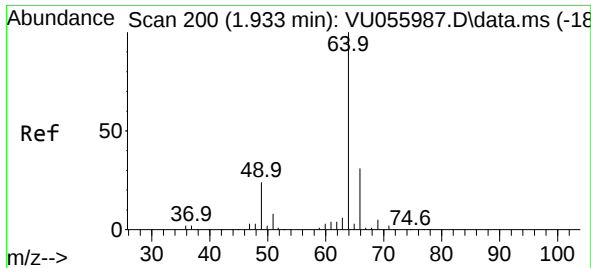
Tgt Ion: 62 Resp: 88100
 Ion Ratio Lower Upper
 62 100
 64 34.7 24.2 45.0



#6
 Bromomethane
 Concen: 4.220 ug/L
 RT: 1.859 min Scan# 177
 Delta R.T. 0.003 min
 Lab File: VU056008.D
 Acq: 30 Oct 2023 19:37

Tgt Ion: 94 Resp: 55009
 Ion Ratio Lower Upper
 94 100
 96 94.5 65.9 122.5

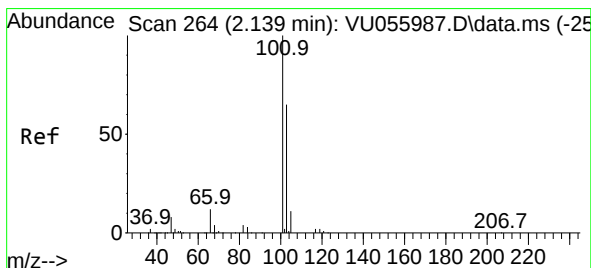
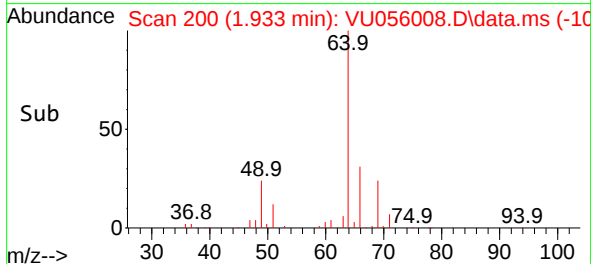
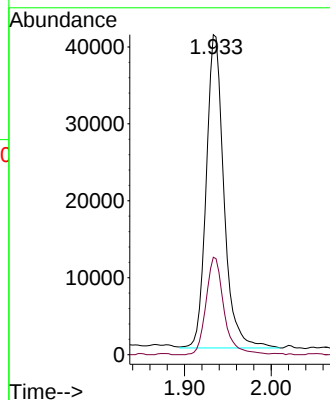
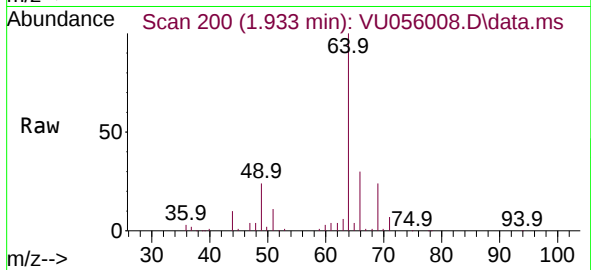




#8
Chloroethane
Concen: 4.690 ug/L
RT: 1.933 min Scan# 200
Delta R.T. 0.000 min
Lab File: VU056008.D
Acq: 30 Oct 2023 19:37

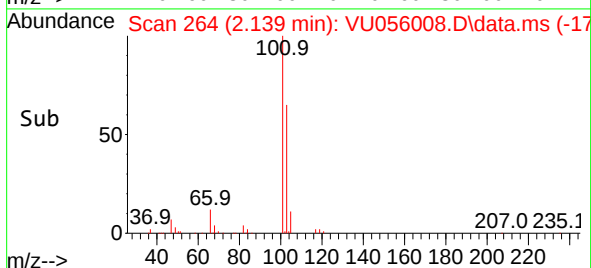
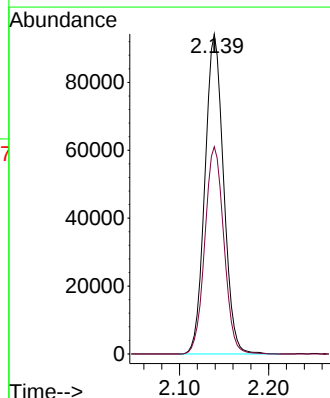
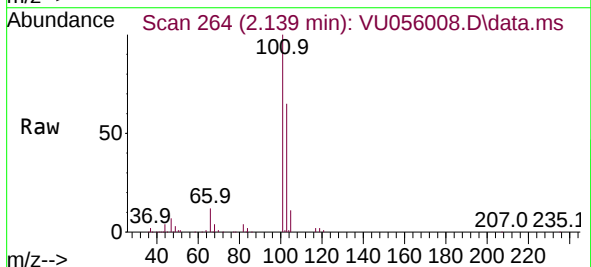
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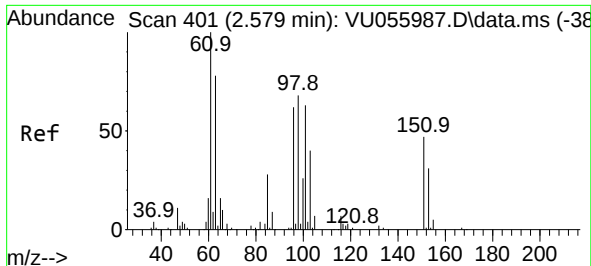
Tgt Ion: 64 Resp: 57840
Ion Ratio Lower Upper
64 100
66 30.5 22.7 42.1



#9
Trichlorofluoromethane
Concen: 4.713 ug/L
RT: 2.139 min Scan# 264
Delta R.T. 0.000 min
Lab File: VU056008.D
Acq: 30 Oct 2023 19:37

Tgt Ion:101 Resp: 136818
Ion Ratio Lower Upper
101 100
103 66.1 52.2 78.2

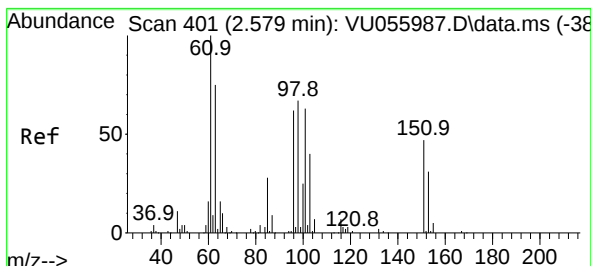
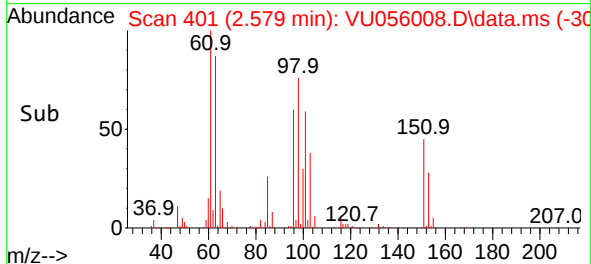
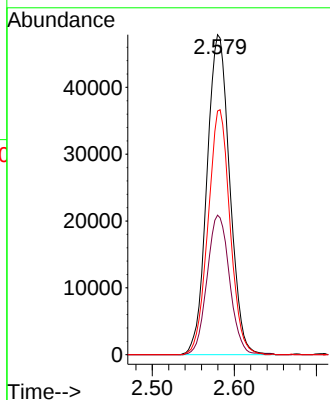
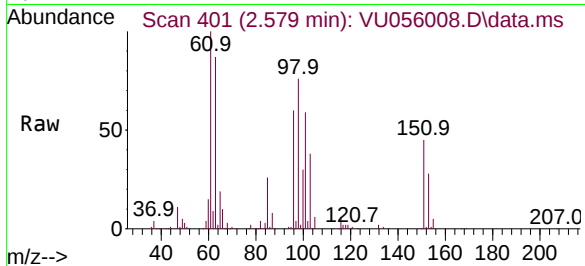




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.854 ug/L
 RT: 2.579 min Scan# 401
 Delta R.T. 0.000 min
 Lab File: VU056008.D
 Acq: 30 Oct 2023 19:37

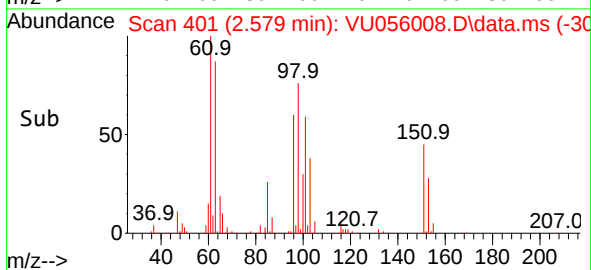
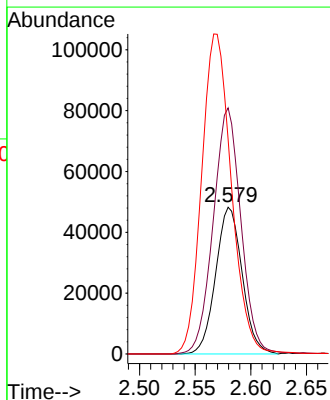
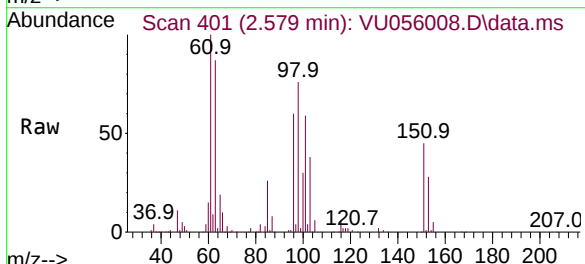
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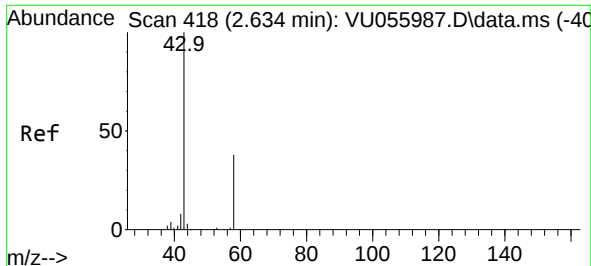
Tgt Ion:101 Resp: 92543
 Ion Ratio Lower Upper
 101 100
 85 43.1 34.4 51.6
 151 73.9 58.4 87.6



#12
 1,1-Dichloroethene
 Concen: 4.691 ug/L
 RT: 2.579 min Scan# 401
 Delta R.T. 0.000 min
 Lab File: VU056008.D
 Acq: 30 Oct 2023 19:37

Tgt Ion: 96 Resp: 79819
 Ion Ratio Lower Upper
 96 100
 61 167.7 123.8 230.0
 63 146.2 111.0 206.2





#13

Acetone

Concen: 39.877 ug/L

RT: 2.637 min Scan# 41

Delta R.T. 0.003 min

Lab File: VU056008.D

Acq: 30 Oct 2023 19:37

Instrument :

MSVOA_U

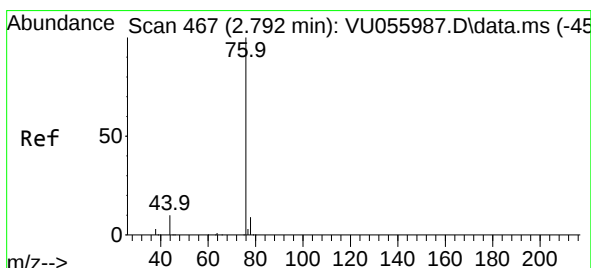
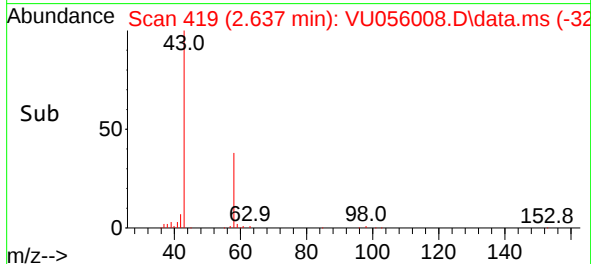
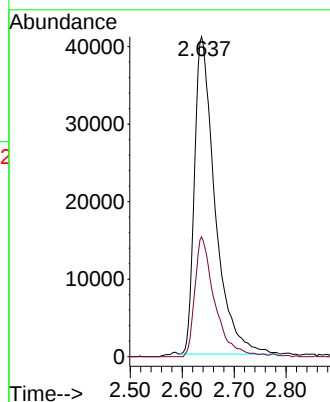
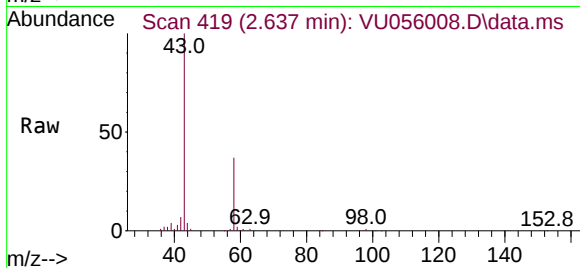
ClientSampleId :

Tgt Ion: 43 Resp: 112595

Ion Ratio Lower Upper

43 100

58 36.2 0.0 69.0



#14

Carbon disulfide

Concen: 4.359 ug/L

RT: 2.795 min Scan# 468

Delta R.T. 0.003 min

Lab File: VU056008.D

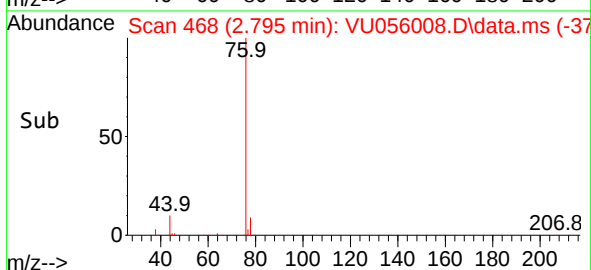
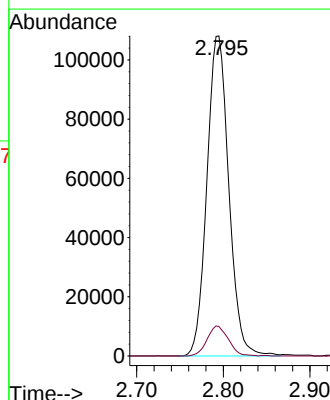
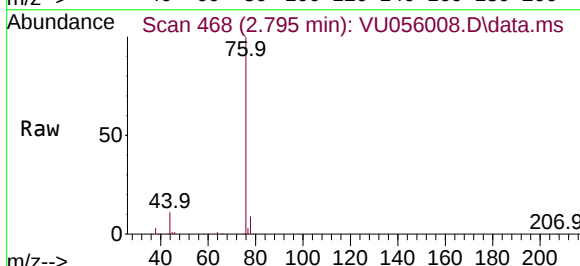
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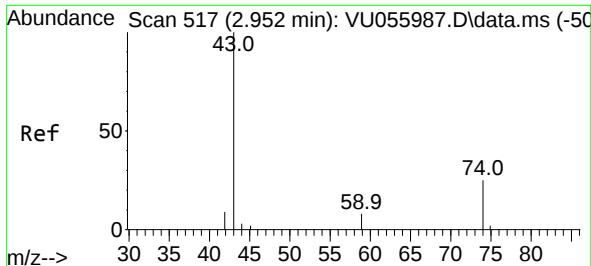
Tgt Ion: 76 Resp: 189950

Ion Ratio Lower Upper

76 100

78 9.2 7.5 11.3

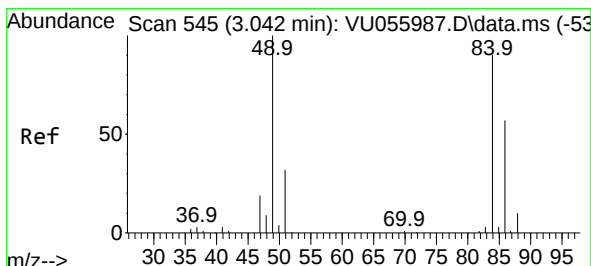
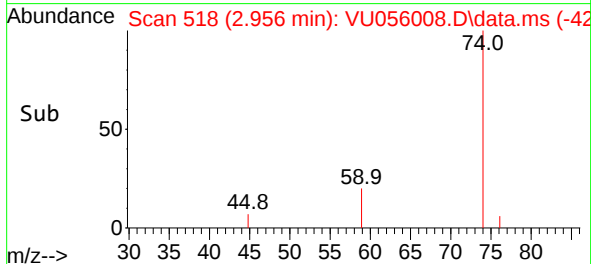
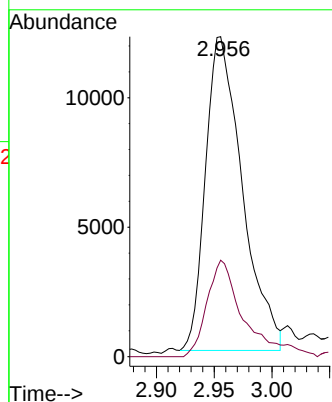
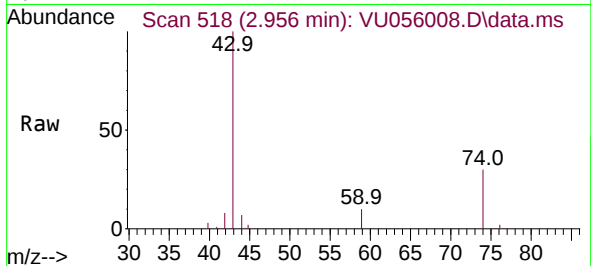




#15
Methyl Acetate
Concen: 4.667 ug/L
RT: 2.956 min Scan# 518
Delta R.T. 0.003 min
Lab File: VU056008.D
Acq: 30 Oct 2023 19:37

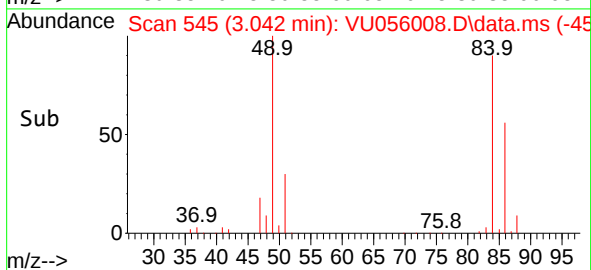
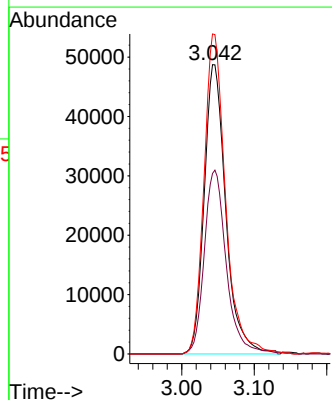
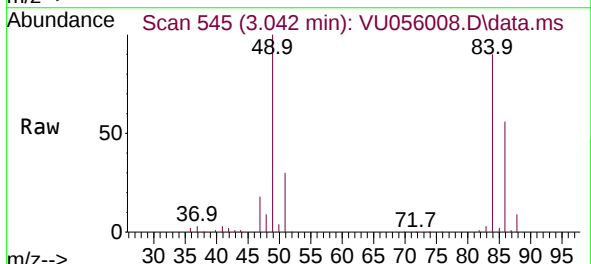
Instrument :
MSVOA_U
ClientSampleId :

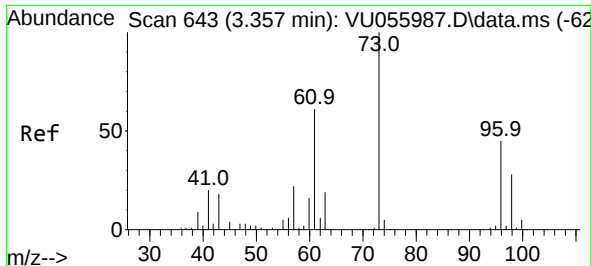
Tgt Ion: 43 Resp: 26846
Ion Ratio Lower Upper
43 100
74 30.8 19.9 29.9#



#16
Methylene chloride
Concen: 5.225 ug/L
RT: 3.042 min Scan# 545
Delta R.T. 0.000 min
Lab File: VU056008.D
Acq: 30 Oct 2023 19:37

Tgt Ion: 84 Resp: 100741
Ion Ratio Lower Upper
84 100
86 62.4 45.2 84.0
49 110.6 78.8 146.3





#17

Methyl tert-butyl Ether

Concen: 4.876 ug/L

RT: 3.361 min Scan# 643

Delta R.T. 0.003 min

Lab File: VU056008.D

Acq: 30 Oct 2023 19:37

Instrument :

MSVOA_U

ClientSampleId :

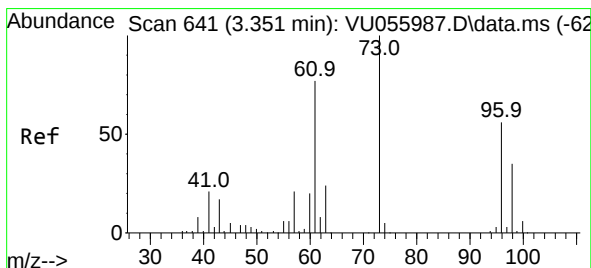
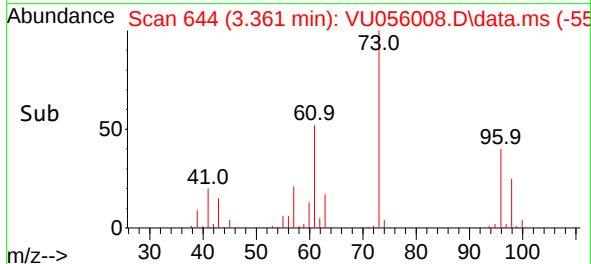
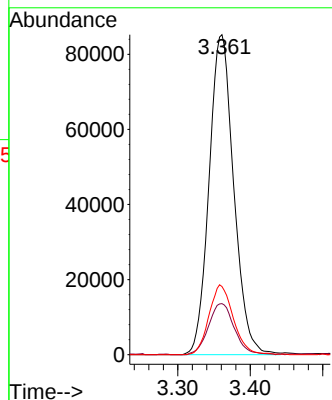
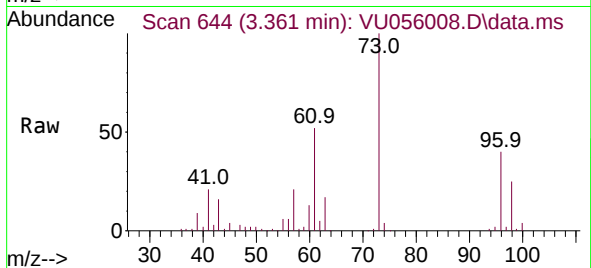
Tgt Ion: 73 Resp: 201360

Ion Ratio Lower Upper

73 100

43 16.7 14.4 21.6

57 21.6 17.0 25.4



#18

trans-1,2-Dichloroethene

Concen: 4.945 ug/L

RT: 3.351 min Scan# 641

Delta R.T. 0.000 min

Lab File: VU056008.D

Acq: 30 Oct 2023 19:37

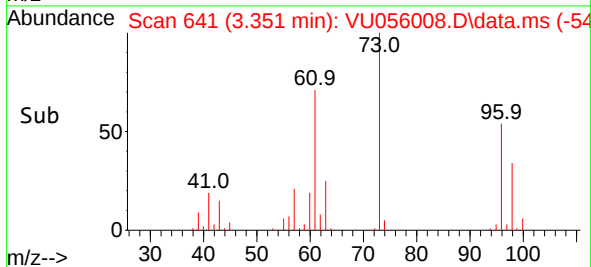
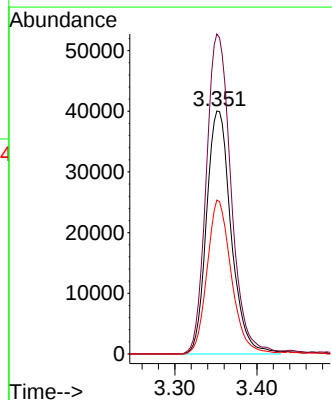
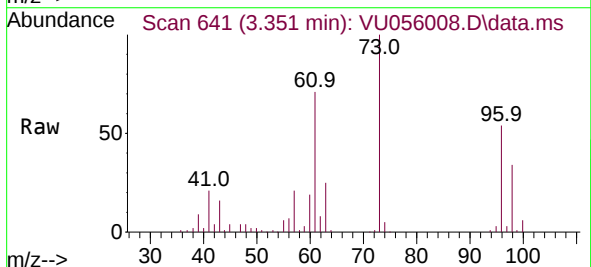
Tgt Ion: 96 Resp: 83432

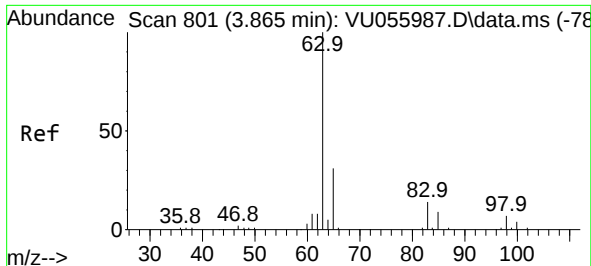
Ion Ratio Lower Upper

96 100

61 131.7 97.5 181.1

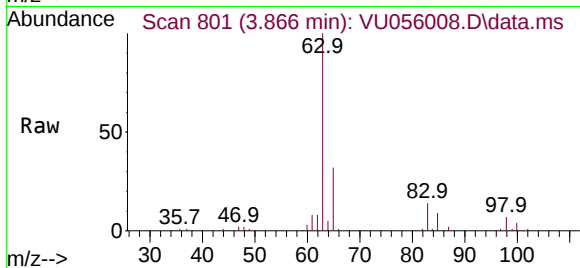
98 63.3 42.7 79.3



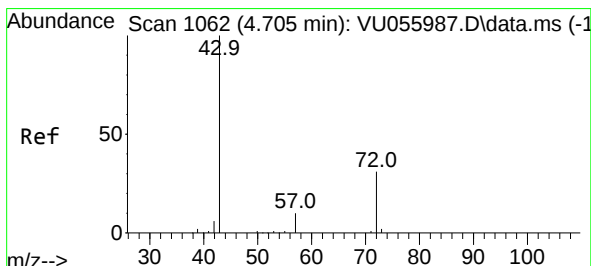
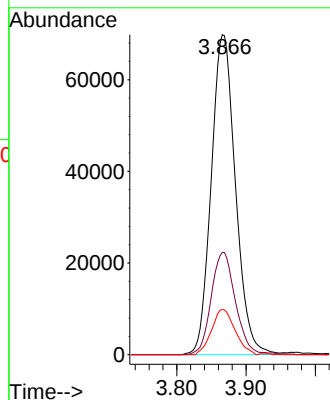
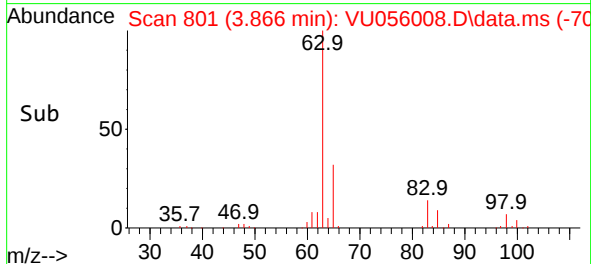


#19
1,1-Dichloroethane
Concen: 4.954 ug/L
RT: 3.866 min Scan# 801
Delta R.T. 0.000 min
Lab File: VU056008.D
Acq: 30 Oct 2023 19:37

Instrument :
MSVOA_U
ClientSampleId :

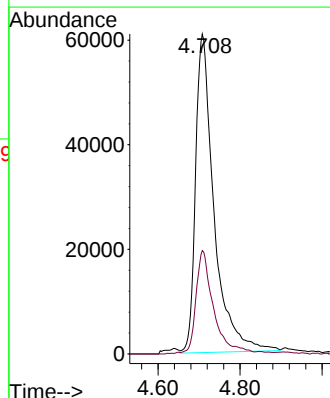
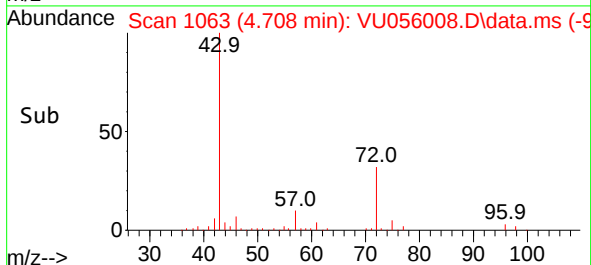
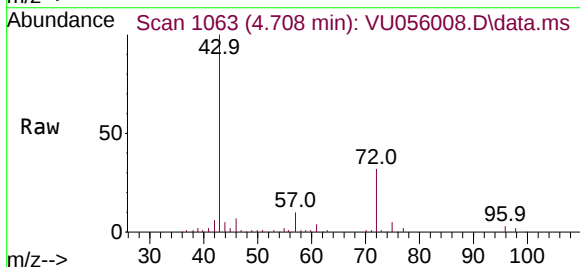


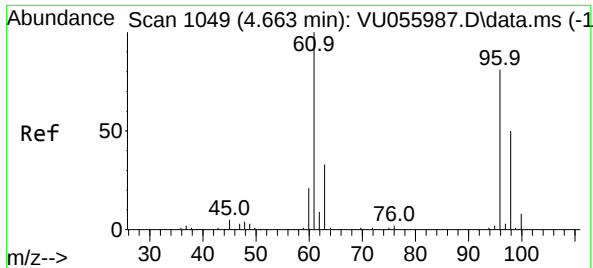
Tgt Ion: 63 Resp: 169723
Ion Ratio Lower Upper
63 100
65 32.0 23.3 43.3
83 14.1 10.5 19.5



#21
2-Butanone
Concen: 45.751 ug/L
RT: 4.708 min Scan# 1063
Delta R.T. 0.003 min
Lab File: VU056008.D
Acq: 30 Oct 2023 19:37

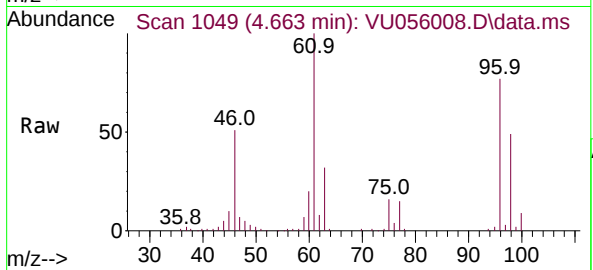
Tgt Ion: 43 Resp: 189899
Ion Ratio Lower Upper
43 100
72 29.2 14.4 43.4





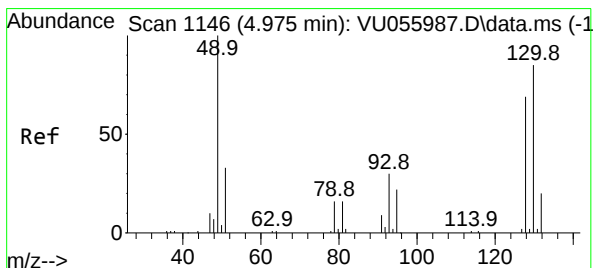
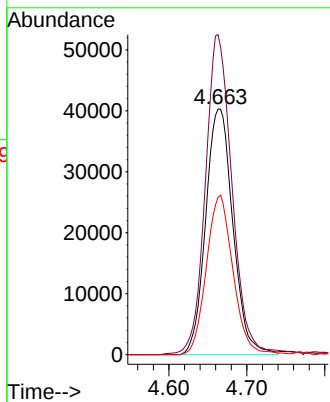
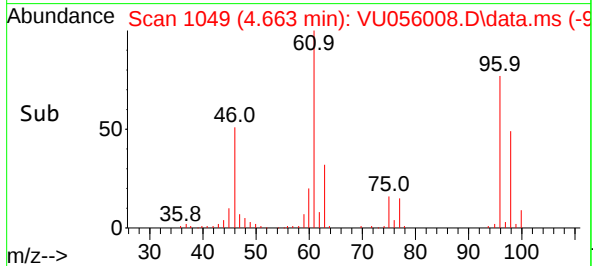
#22
 cis-1,2-Dichloroethene
 Concen: 4.801 ug/L
 RT: 4.663 min Scan# 1049
 Delta R.T. 0.000 min
 Lab File: VU056008.D
 Acq: 30 Oct 2023 19:37

Instrument :
 MSVOA_U
 ClientSampleId :

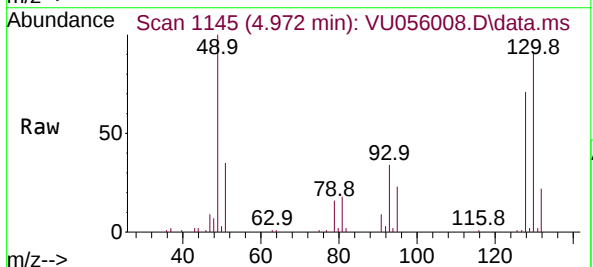


Tgt Ion: 96 Resp: 98074

Ion	Ratio	Lower	Upper
96	100		
61	130.3	93.8	174.2
98	64.1	45.6	84.8

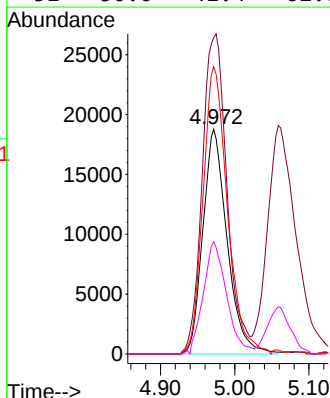
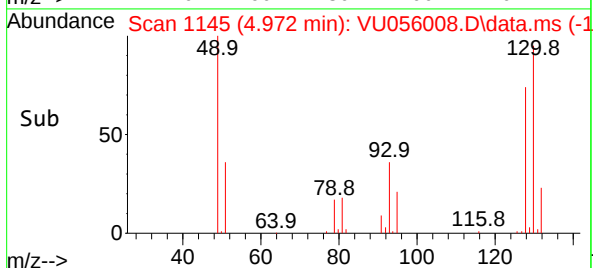


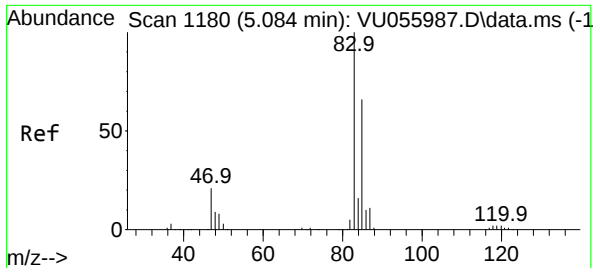
#23
 Bromochloromethane
 Concen: 5.107 ug/L
 RT: 4.972 min Scan# 1145
 Delta R.T. -0.003 min
 Lab File: VU056008.D
 Acq: 30 Oct 2023 19:37



Tgt Ion: 128 Resp: 42506

Ion	Ratio	Lower	Upper
128	100		
49	140.8	108.7	201.9
130	127.9	91.5	169.9
51	50.0	41.4	62.0

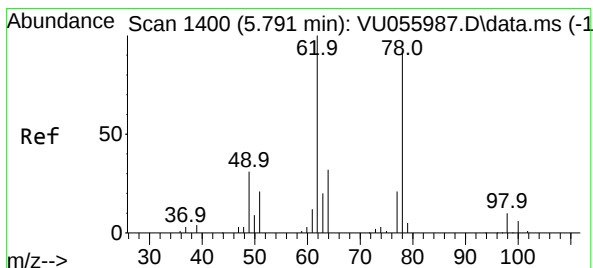
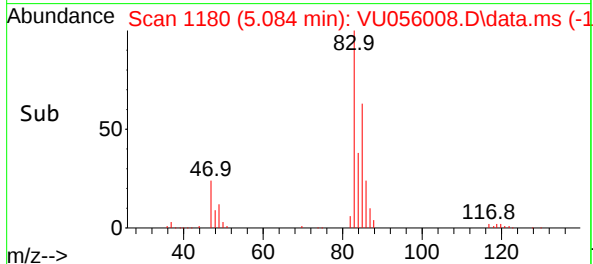
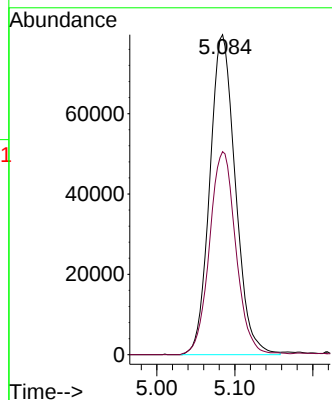
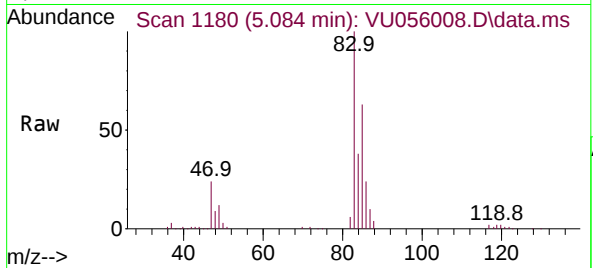




#25
Chloroform
Concen: 4.947 ug/L
RT: 5.084 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VU056008.D
Acq: 30 Oct 2023 19:37

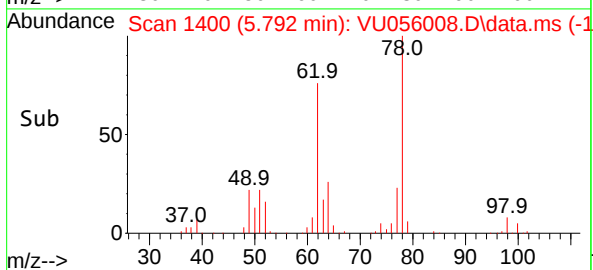
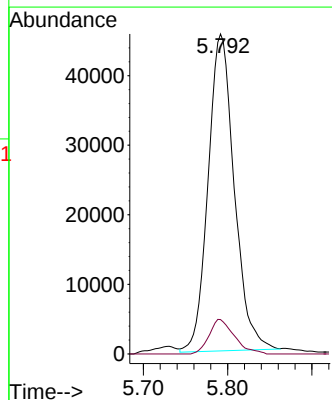
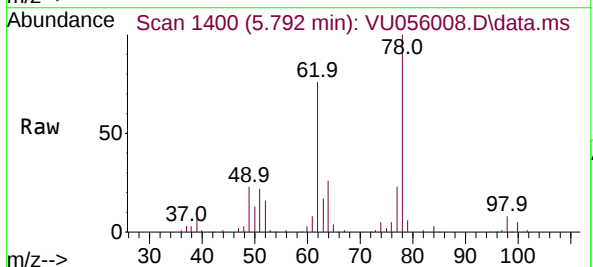
Instrument :
MSVOA_U
ClientSampleId :

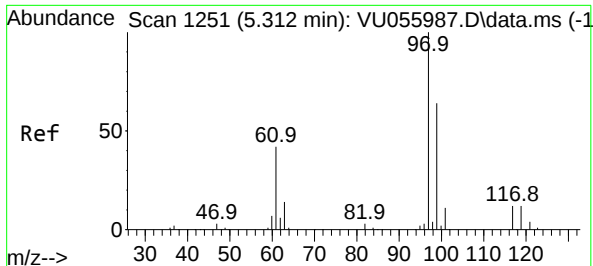
Tgt Ion: 83 Resp: 181713
Ion Ratio Lower Upper
83 100
85 63.4 45.6 84.8



#27
1,2-Dichloroethane
Concen: 4.556 ug/L
RT: 5.792 min Scan# 1400
Delta R.T. 0.000 min
Lab File: VU056008.D
Acq: 30 Oct 2023 19:37

Tgt Ion: 62 Resp: 98332
Ion Ratio Lower Upper
62 100
98 10.8 7.4 11.2

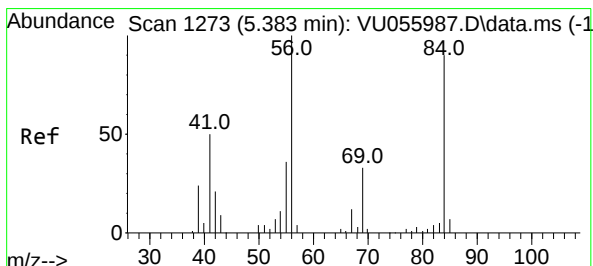
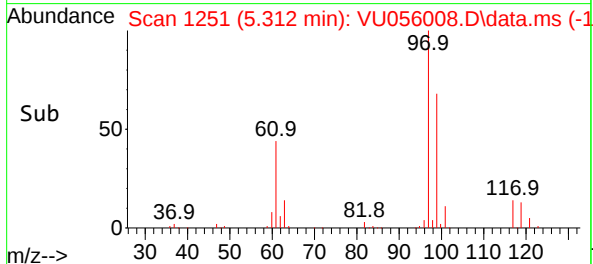
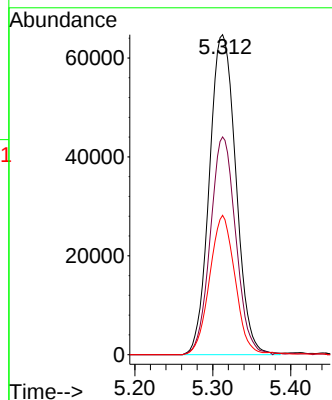
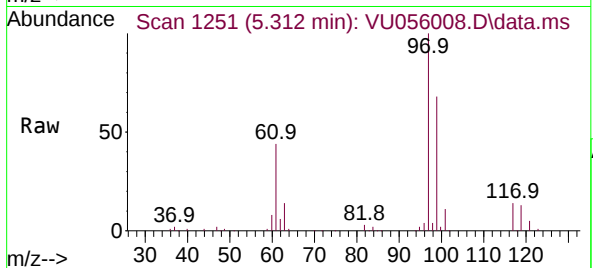




#29
1,1,1-Trichloroethane
Concen: 4.966 ug/L
RT: 5.312 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU056008.D
Acq: 30 Oct 2023 19:37

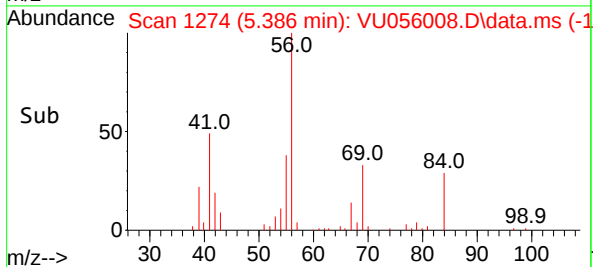
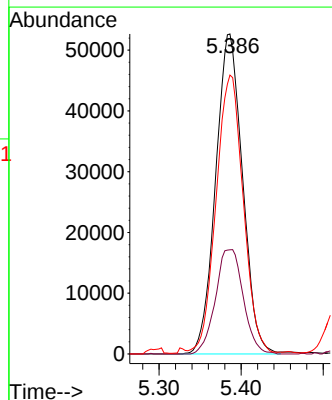
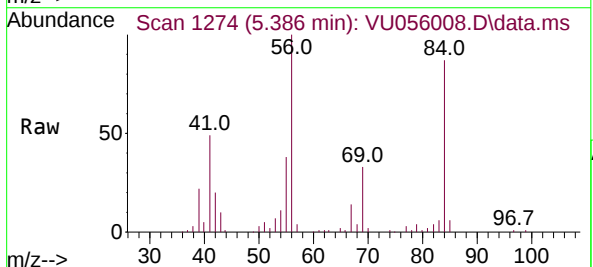
Instrument :
MSVOA_U
ClientSampleId :

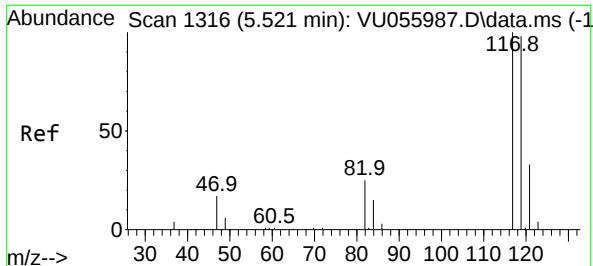
Tgt Ion: 97 Resp: 153127
Ion Ratio Lower Upper
97 100
99 65.3 50.8 76.2
61 41.6 35.0 52.4



#30
Cyclohexane
Concen: 4.619 ug/L
RT: 5.386 min Scan# 1274
Delta R.T. 0.003 min
Lab File: VU056008.D
Acq: 30 Oct 2023 19:37

Tgt Ion: 56 Resp: 120149
Ion Ratio Lower Upper
56 100
69 33.7 25.4 38.2
84 86.8 71.0 106.6

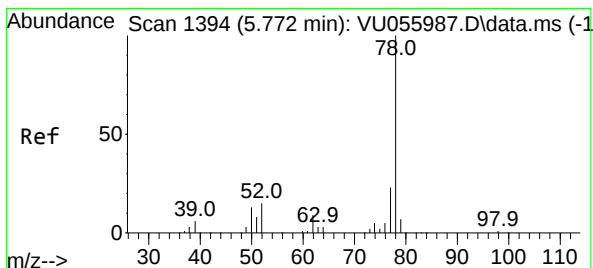
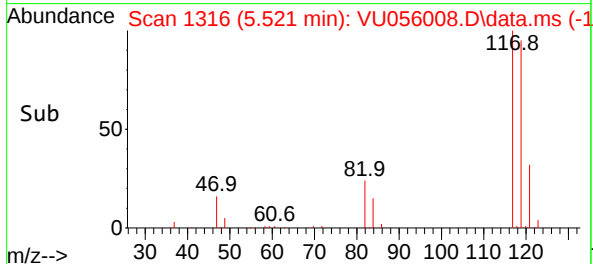
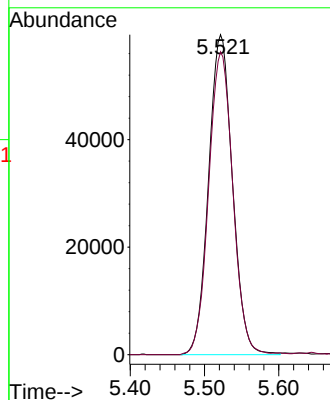
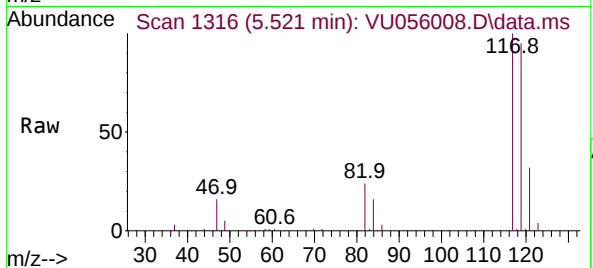




#31
Carbon tetrachloride
Concen: 5.053 ug/L
RT: 5.521 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VU056008.D
Acq: 30 Oct 2023 19:37

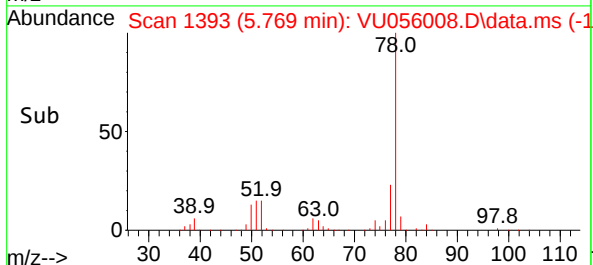
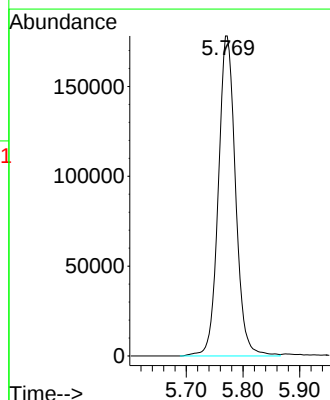
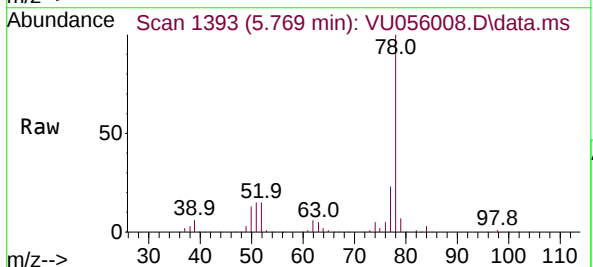
Instrument :
MSVOA_U
ClientSampleId :

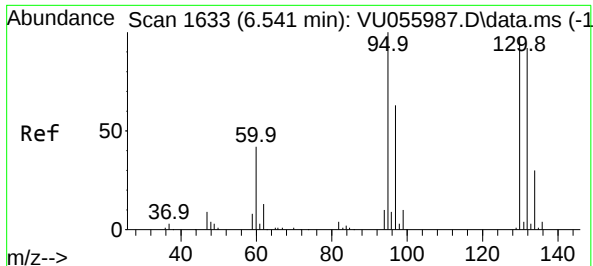
Tgt Ion:117 Resp: 132894
Ion Ratio Lower Upper
117 100
119 95.6 75.1 112.7



#33
Benzene
Concen: 5.033 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. -0.003 min
Lab File: VU056008.D
Acq: 30 Oct 2023 19:37

Tgt Ion: 78 Resp: 375708





#34

Trichloroethene

Concen: 4.891 ug/L

RT: 6.541 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU056008.D

Acq: 30 Oct 2023 19:37

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 102143

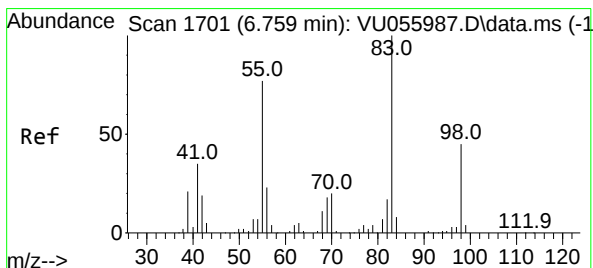
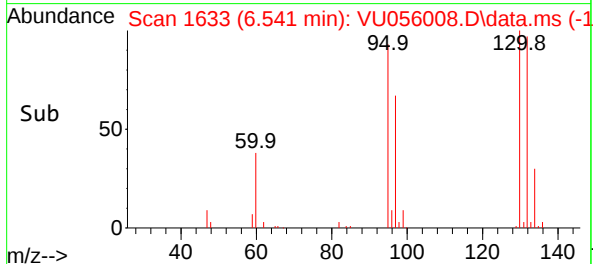
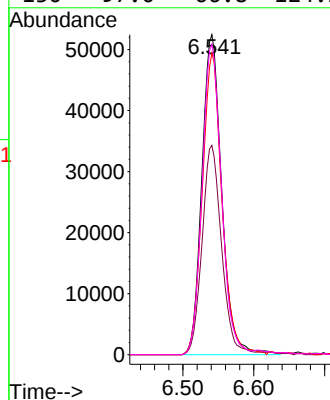
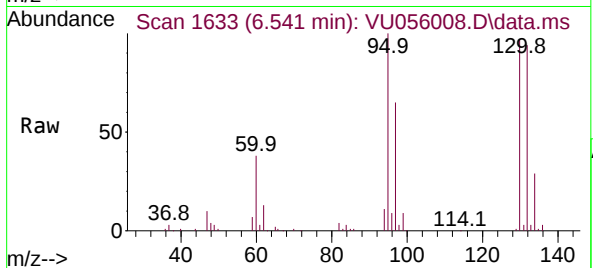
Ion Ratio Lower Upper

95 100

97 65.4 45.4 84.2

132 94.3 63.9 118.7

130 97.0 66.8 124.2



#35

Methylcyclohexane

Concen: 4.733 ug/L

RT: 6.759 min Scan# 1701

Delta R.T. 0.000 min

Lab File: VU056008.D

Acq: 30 Oct 2023 19:37

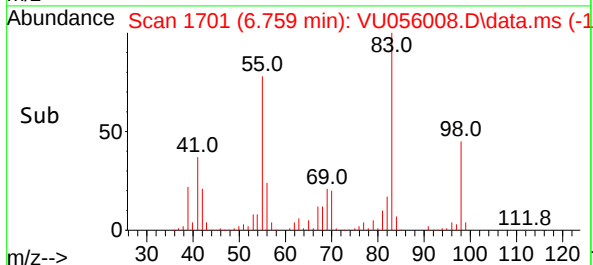
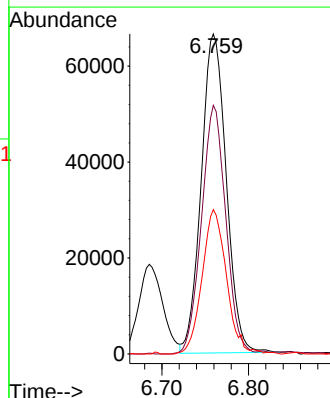
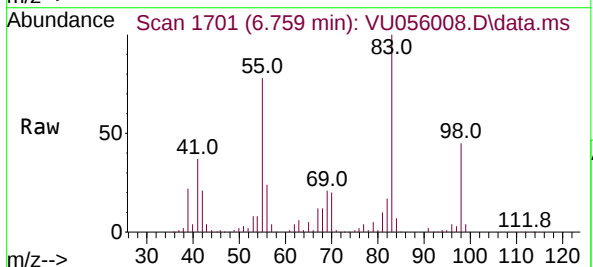
Tgt Ion: 83 Resp: 133401

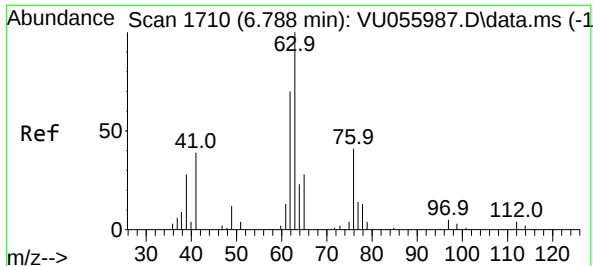
Ion Ratio Lower Upper

83 100

55 75.7 62.4 93.6

98 44.1 37.4 56.2

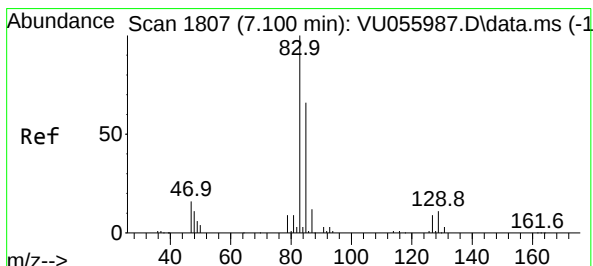
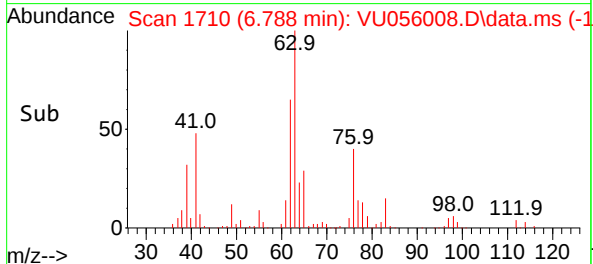
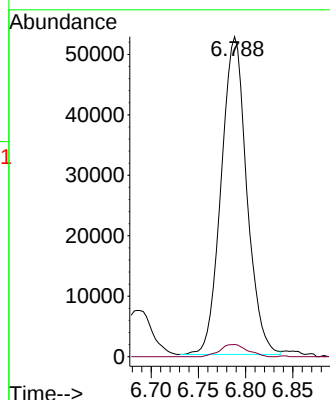
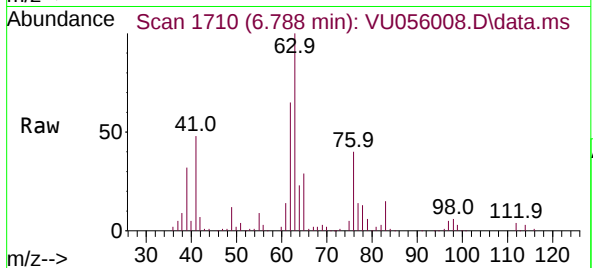




#37
1,2-Dichloropropane
Concen: 4.994 ug/L
RT: 6.788 min Scan# 1710
Delta R.T. 0.000 min
Lab File: VU056008.D
Acq: 30 Oct 2023 19:37

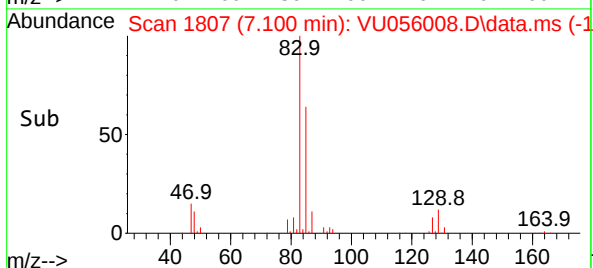
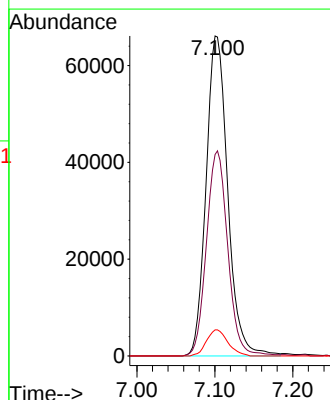
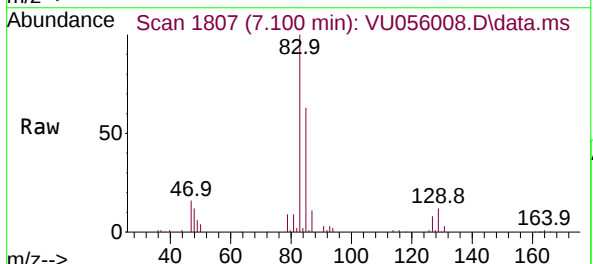
Instrument :
MSVOA_U
ClientSampleId :

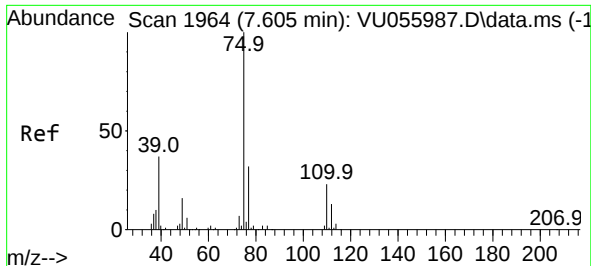
Tgt Ion: 63 Resp: 98980
Ion Ratio Lower Upper
63 100
112 4.1 3.1 4.7



#38
Bromodichloromethane
Concen: 5.132 ug/L
RT: 7.100 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VU056008.D
Acq: 30 Oct 2023 19:37

Tgt Ion: 83 Resp: 127719
Ion Ratio Lower Upper
83 100
85 62.9 44.9 83.3
127 8.1 6.6 9.8





#39

cis-1,3-Dichloropropene

Concen: 5.014 ug/L

RT: 7.605 min Scan# 1964

Delta R.T. 0.000 min

Lab File: VU056008.D

Acq: 30 Oct 2023 19:37

Instrument :

MSVOA_U

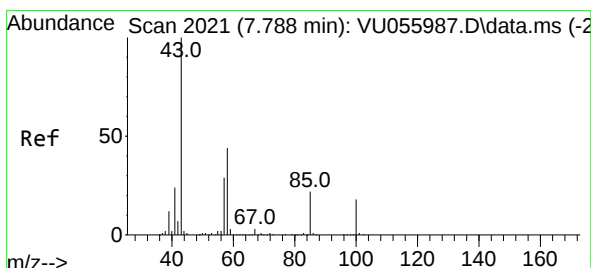
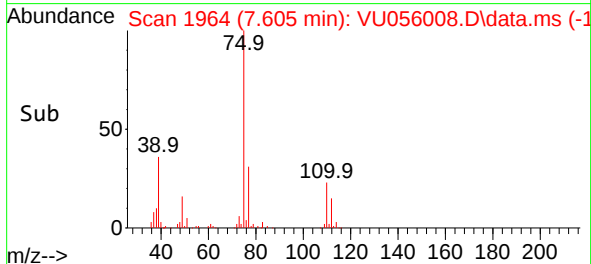
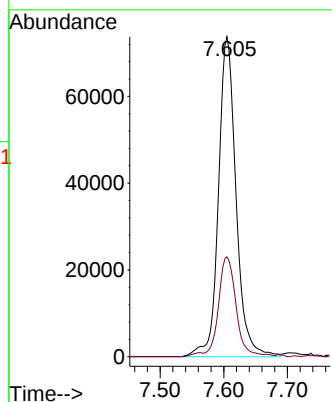
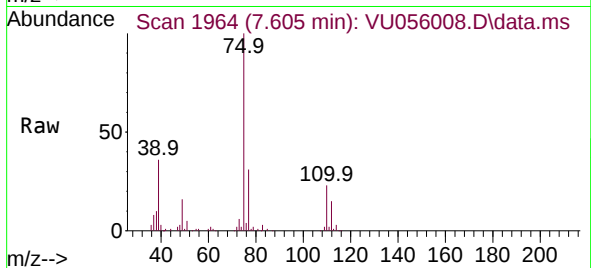
ClientSampleId :

Tgt Ion: 75 Resp: 141595

Ion Ratio Lower Upper

75 100

77 31.2 21.7 40.3



#40

4-Methyl-2-pentanone

Concen: 47.758 ug/L

RT: 7.785 min Scan# 2020

Delta R.T. -0.003 min

Lab File: VU056008.D

Acq: 30 Oct 2023 19:37

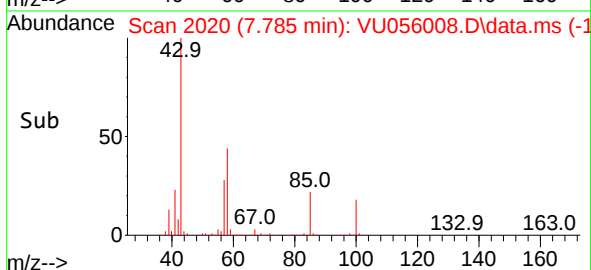
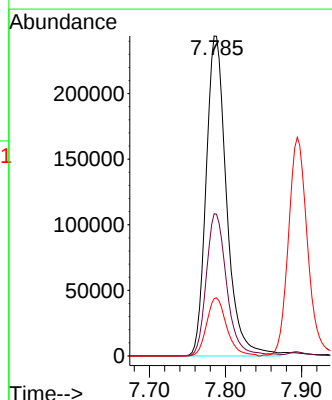
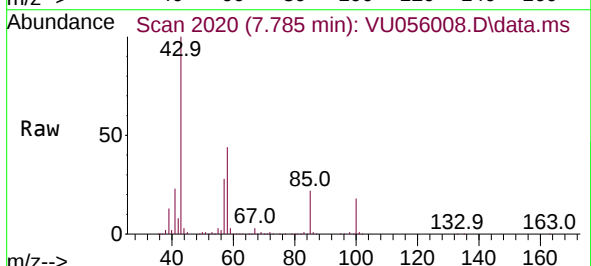
Tgt Ion: 43 Resp: 456332

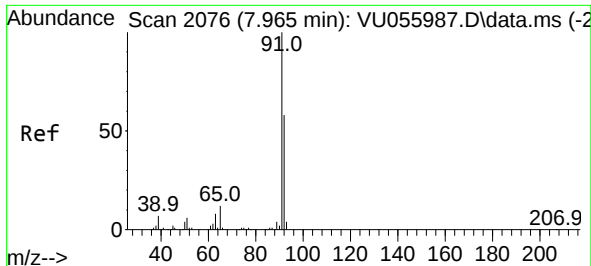
Ion Ratio Lower Upper

43 100

58 44.7 34.0 51.0

100 17.7 13.0 19.6





#42

Toluene

Concen: 5.208 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. 0.000 min

Lab File: VU056008.D

Acq: 30 Oct 2023 19:37

Instrument :

MSVOA_U

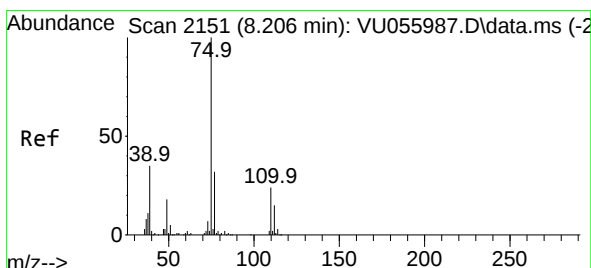
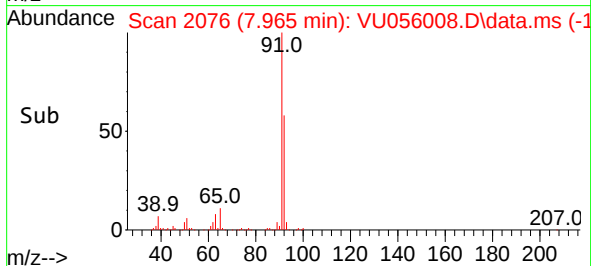
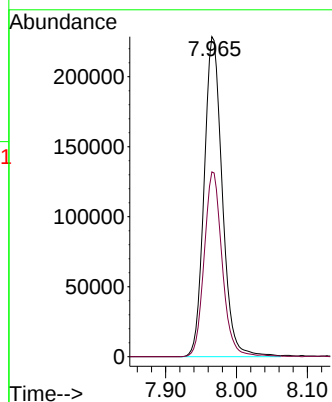
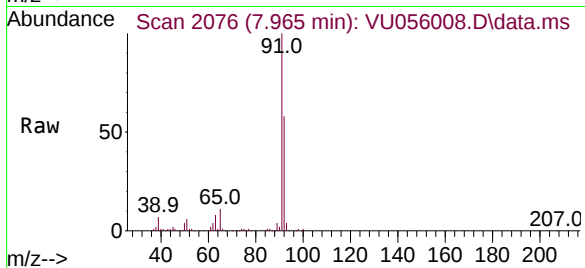
ClientSampleId :

Tgt Ion: 91 Resp: 406280

Ion Ratio Lower Upper

91 100

92 57.8 40.6 75.4



#44

trans-1,3-Dichloropropene

Concen: 4.981 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. 0.000 min

Lab File: VU056008.D

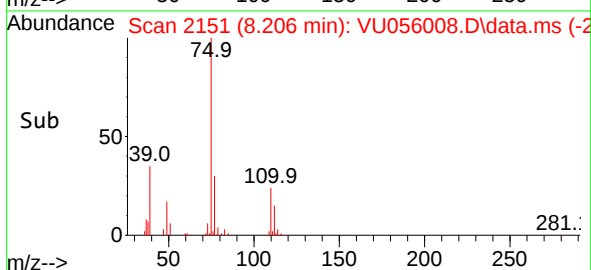
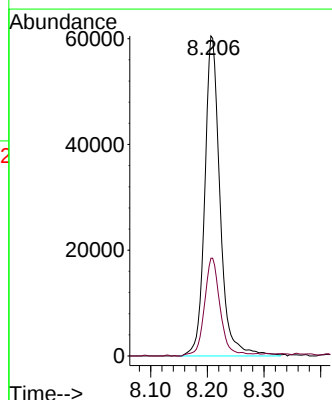
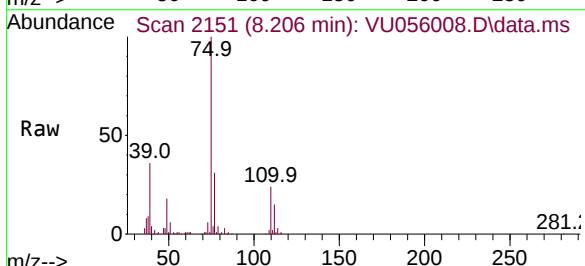
Acq: 30 Oct 2023 19:37

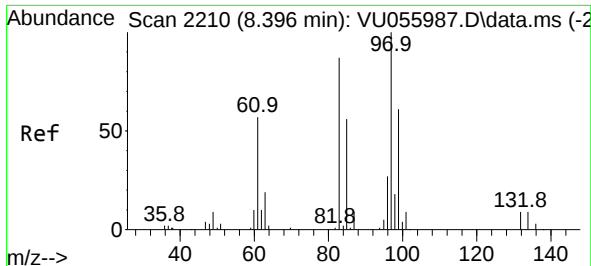
Tgt Ion: 75 Resp: 113541

Ion Ratio Lower Upper

75 100

77 30.6 21.7 40.3

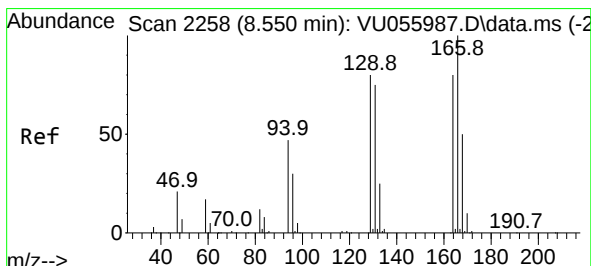
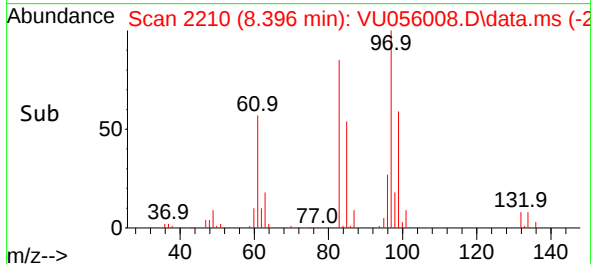
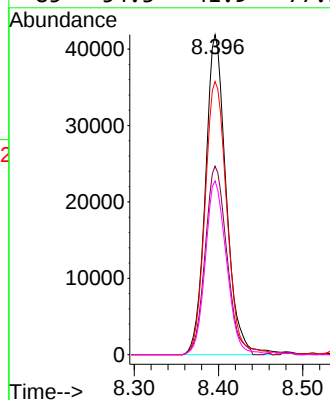
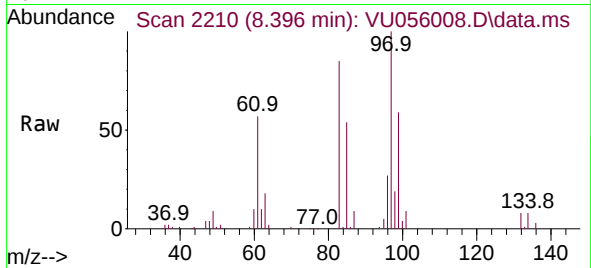




#45
1,1,2-Trichloroethane
Concen: 5.170 ug/L
RT: 8.396 min Scan# 2210
Delta R.T. 0.000 min
Lab File: VU056008.D
Acq: 30 Oct 2023 19:37

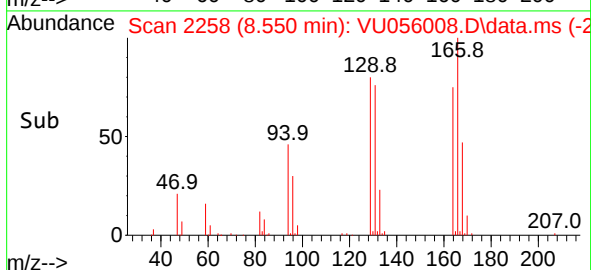
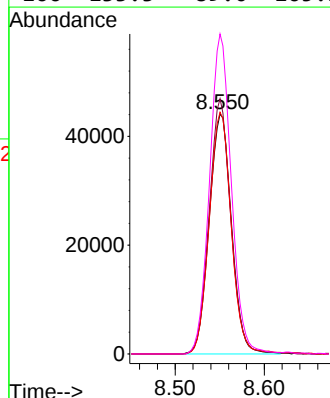
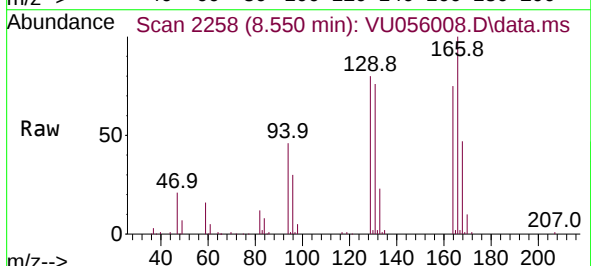
Instrument :
MSVOA_U
ClientSampleId :

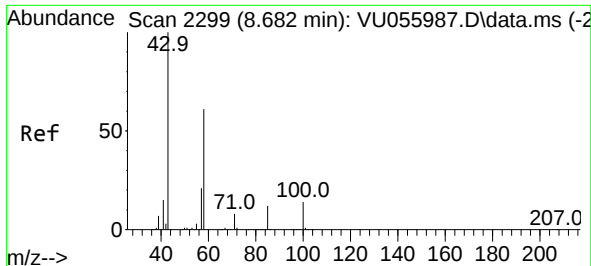
Tgt Ion:	97	Resp:	72058
Ion	Ratio	Lower	Upper
97	100		
99	58.9	45.3	84.1
83	85.4	61.9	115.1
85	54.3	41.9	77.9



#47
Tetrachloroethene
Concen: 5.238 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. 0.000 min
Lab File: VU056008.D
Acq: 30 Oct 2023 19:37

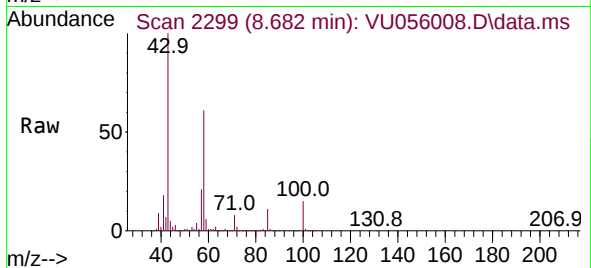
Tgt Ion:	164	Resp:	76603
Ion	Ratio	Lower	Upper
164	100		
129	106.3	72.2	134.0
131	100.7	70.8	131.6
166	133.3	89.0	165.2



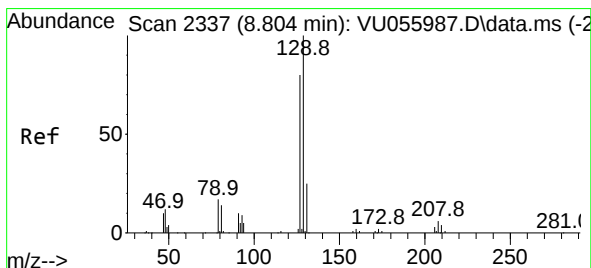
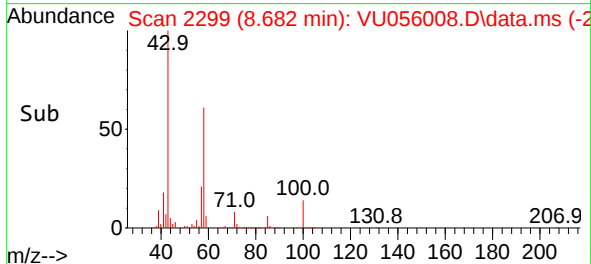
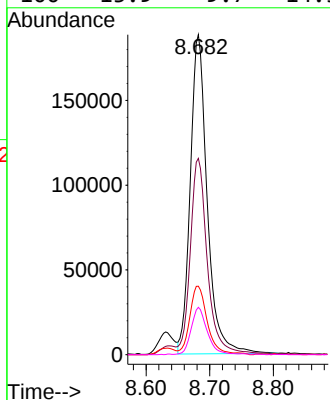


#48
2-Hexanone
Concen: 46.340 ug/L
RT: 8.682 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU056008.D
Acq: 30 Oct 2023 19:37

Instrument :
MSVOA_U
ClientSampleId :

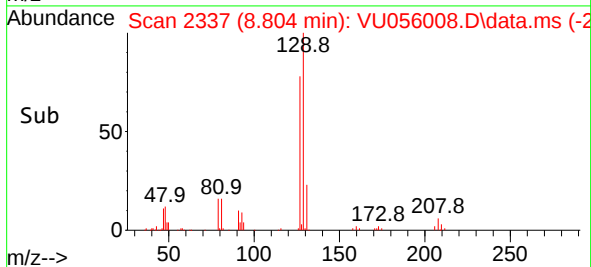
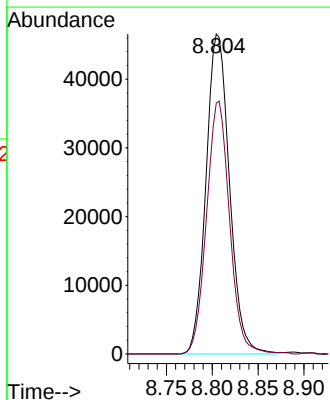
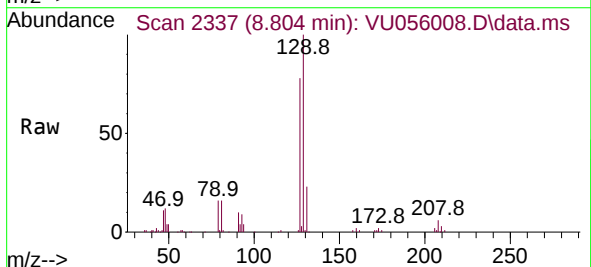


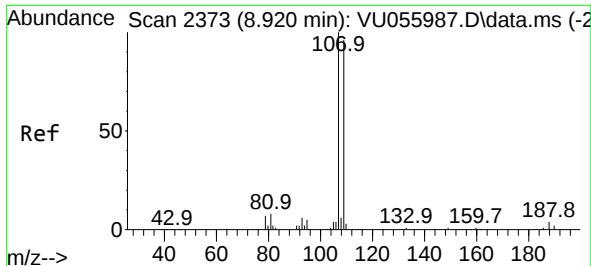
Tgt Ion: 43 Resp: 348152
Ion Ratio Lower Upper
43 100
58 61.8 49.5 74.3
57 22.4 16.9 25.3
100 13.9 9.7 14.5



#49
Dibromochloromethane
Concen: 5.434 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VU056008.D
Acq: 30 Oct 2023 19:37

Tgt Ion: 129 Resp: 83145
Ion Ratio Lower Upper
129 100
127 78.4 53.5 99.5

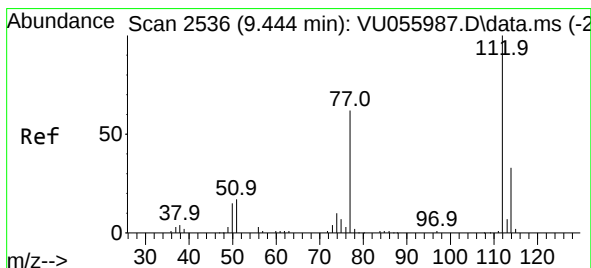
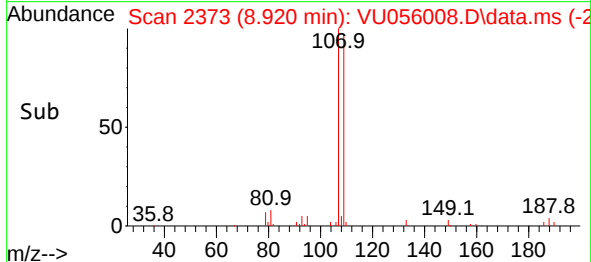
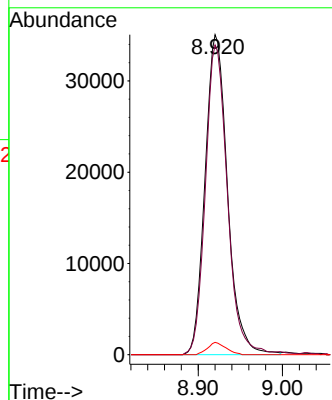
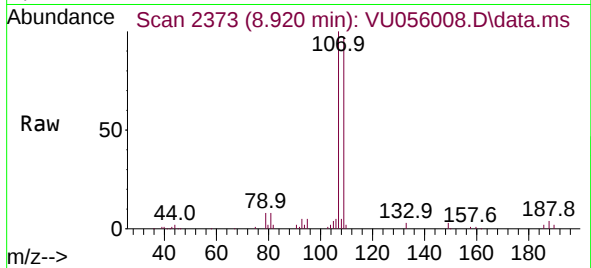




#50
1,2-Dibromoethane
Concen: 5.143 ug/L
RT: 8.920 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU056008.D
Acq: 30 Oct 2023 19:37

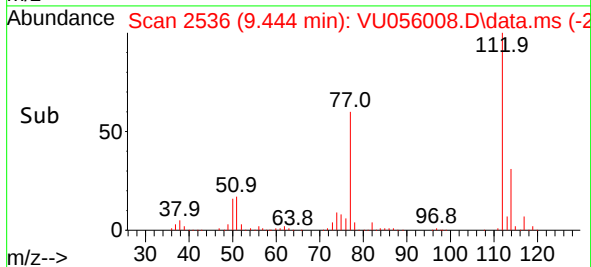
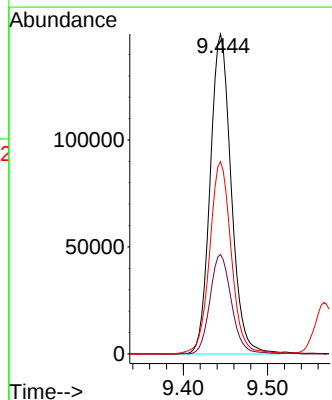
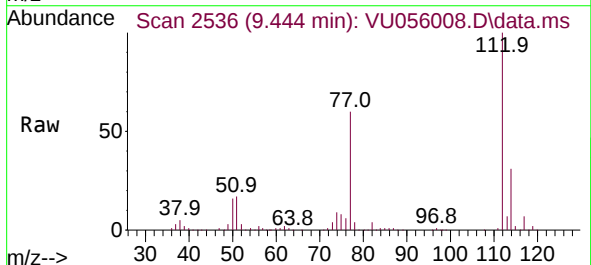
Instrument :
MSVOA_U
ClientSampleId :

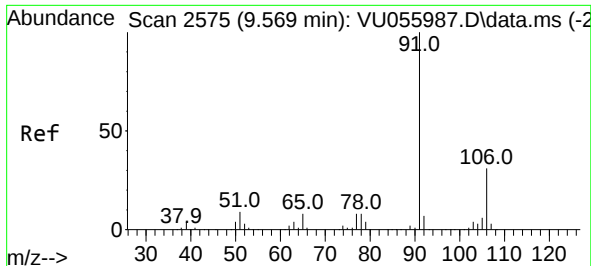
Tgt Ion:107 Resp: 65040
Ion Ratio Lower Upper
107 100
109 96.8 65.0 120.6
188 3.9 2.5 3.7#



#51
Chlorobenzene
Concen: 5.075 ug/L
RT: 9.444 min Scan# 2536
Delta R.T. 0.000 min
Lab File: VU056008.D
Acq: 30 Oct 2023 19:37

Tgt Ion:112 Resp: 259496
Ion Ratio Lower Upper
112 100
114 31.1 22.3 41.5
77 60.1 49.9 74.9

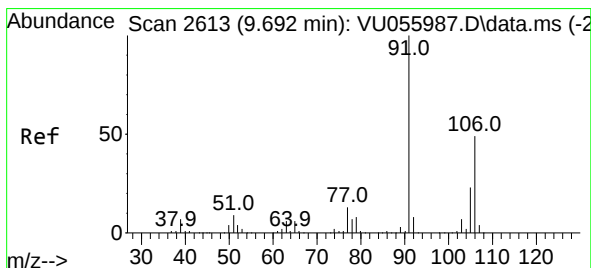
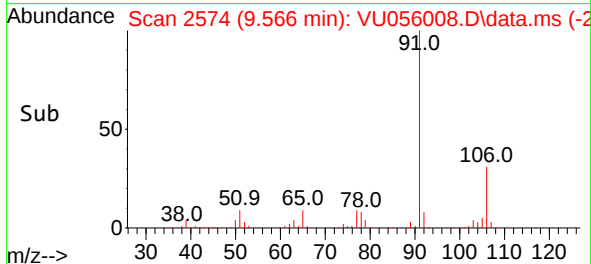
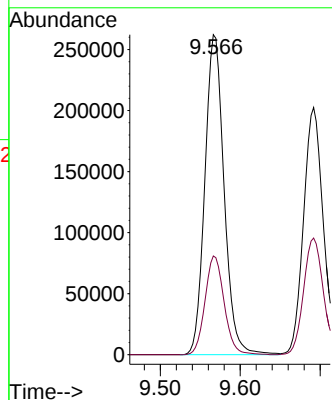
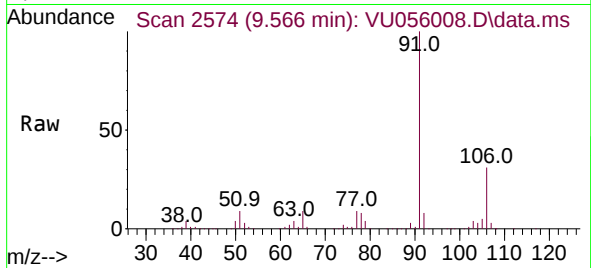




#52
Ethylbenzene
Concen: 4.960 ug/L
RT: 9.566 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU056008.D
Acq: 30 Oct 2023 19:37

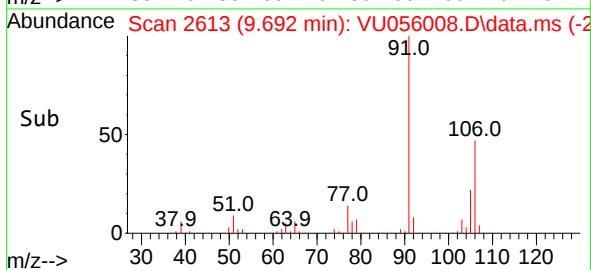
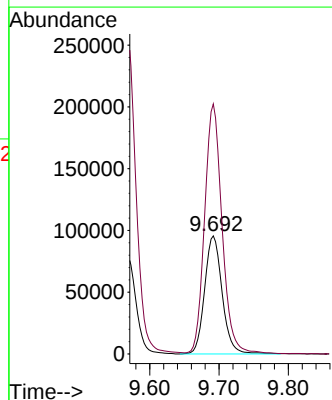
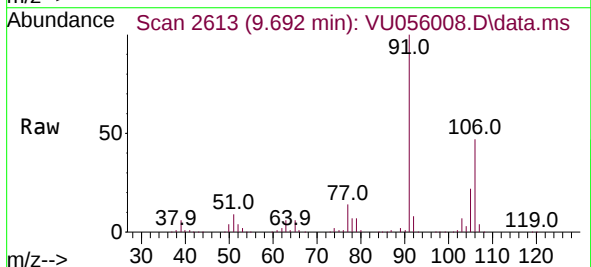
Instrument :
MSVOA_U
ClientSampleId :

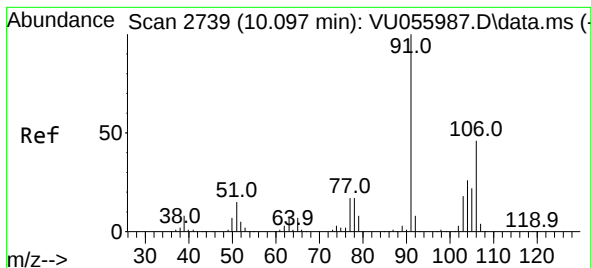
Tgt Ion: 91 Resp: 438640
Ion Ratio Lower Upper
91 100
106 30.8 21.3 39.5



#53
m,p-Xylene
Concen: 5.078 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. 0.000 min
Lab File: VU056008.D
Acq: 30 Oct 2023 19:37

Tgt Ion:106 Resp: 167825
Ion Ratio Lower Upper
106 100
91 211.9 150.4 279.2





#54

o-Xylene

Concen: 5.041 ug/L

RT: 10.097 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU056008.D

Acq: 30 Oct 2023 19:37

Instrument :

MSVOA_U

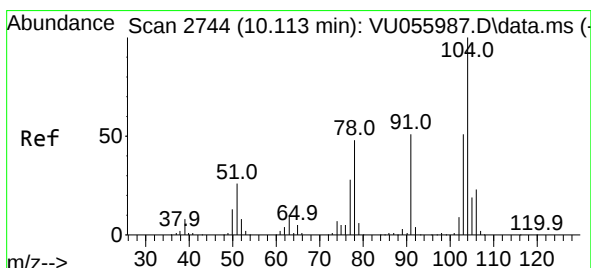
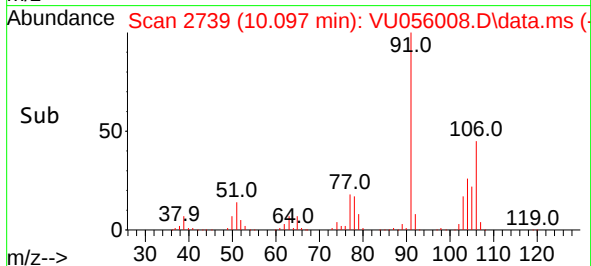
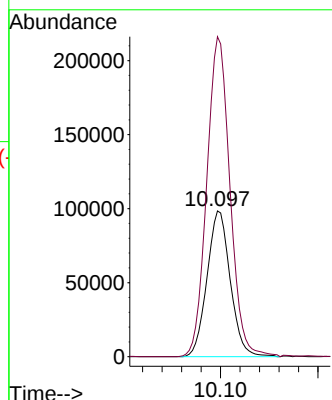
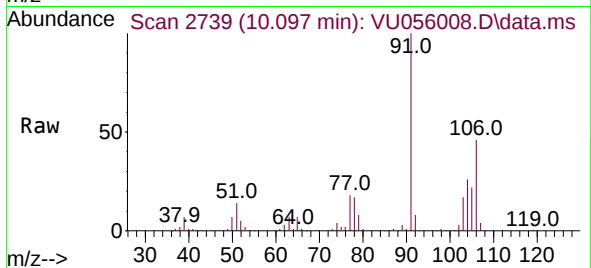
ClientSampleId :

Tgt Ion:106 Resp: 163030

Ion Ratio Lower Upper

106 100

91 219.5 154.6 287.2



#55

Styrene

Concen: 5.396 ug/L

RT: 10.113 min Scan# 2744

Delta R.T. 0.000 min

Lab File: VU056008.D

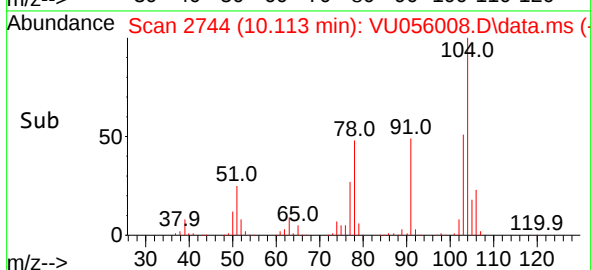
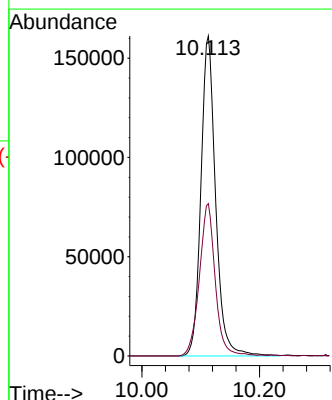
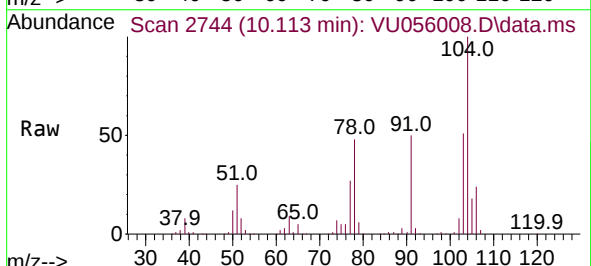
Acq: 30 Oct 2023 19:37

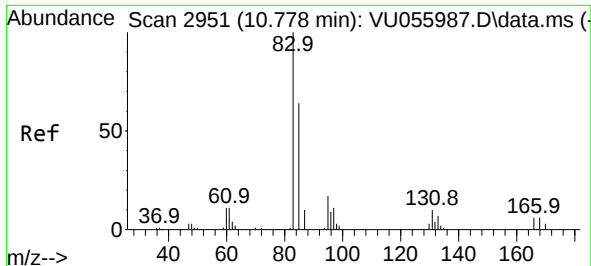
Tgt Ion:104 Resp: 279725

Ion Ratio Lower Upper

104 100

78 47.6 33.9 63.0

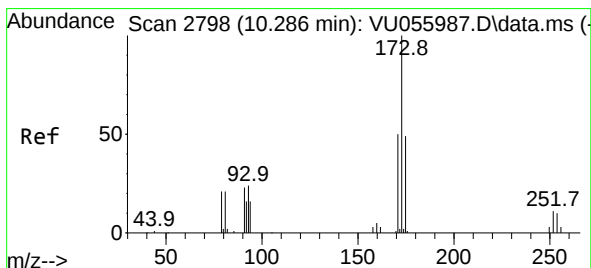
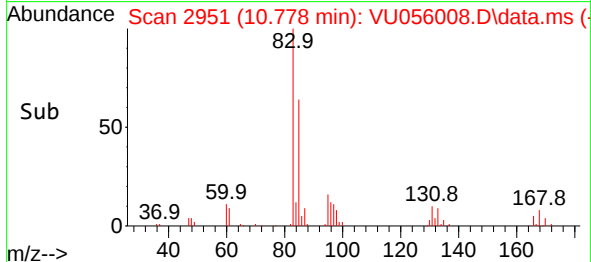
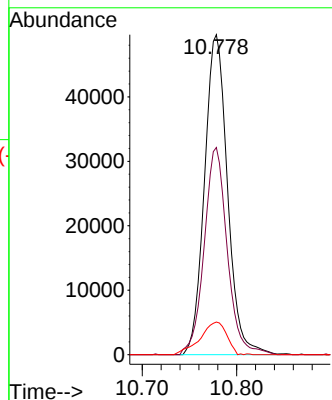
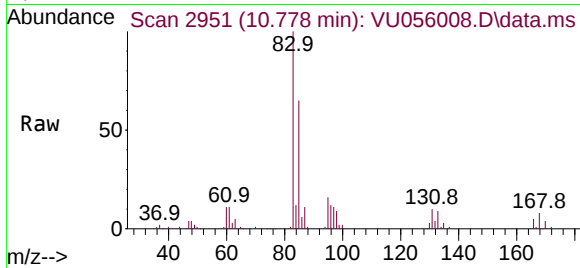




#57
1,1,2,2-Tetrachloroethane
Concen: 5.211 ug/L
RT: 10.778 min Scan# 2951
Delta R.T. 0.000 min
Lab File: VU056008.D
Acq: 30 Oct 2023 19:37

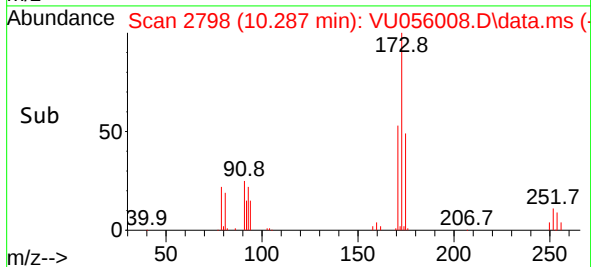
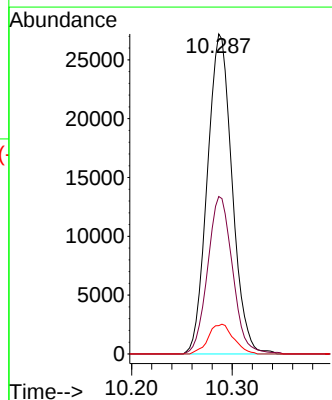
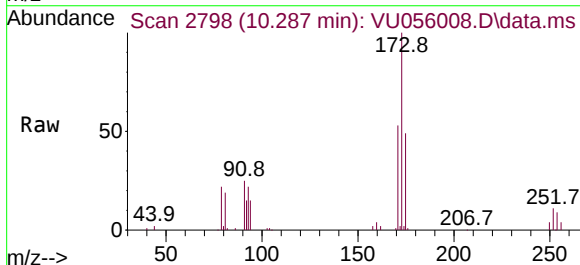
Instrument :
MSVOA_U
ClientSampleId :

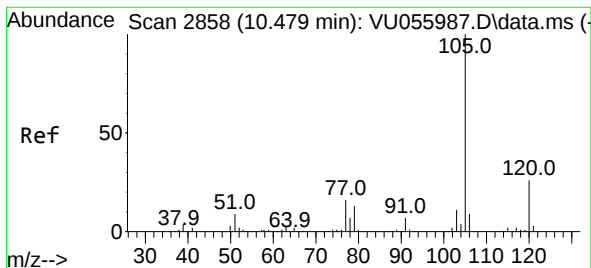
Tgt Ion: 83 Resp: 84075
Ion Ratio Lower Upper
83 100
85 64.8 46.2 85.8
131 10.2 7.2 10.8



#59
Bromoform
Concen: 5.086 ug/L
RT: 10.287 min Scan# 2798
Delta R.T. 0.000 min
Lab File: VU056008.D
Acq: 30 Oct 2023 19:37

Tgt Ion:173 Resp: 46532
Ion Ratio Lower Upper
173 100
175 49.5 37.8 56.6
254 9.5 7.4 11.0





#60

Isopropylbenzene

Concen: 5.026 ug/L

RT: 10.479 min Scan# 2858

Delta R.T. 0.000 min

Lab File: VU056008.D

Acq: 30 Oct 2023 19:37

Instrument :

MSVOA_U

ClientSampleId :

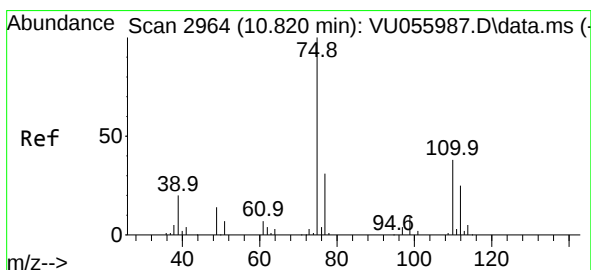
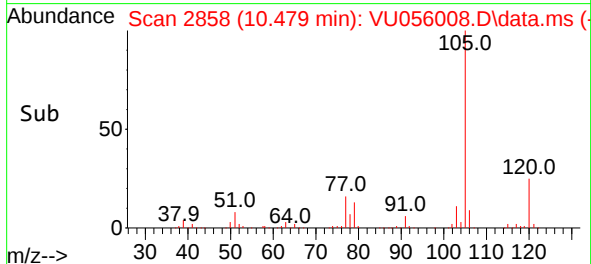
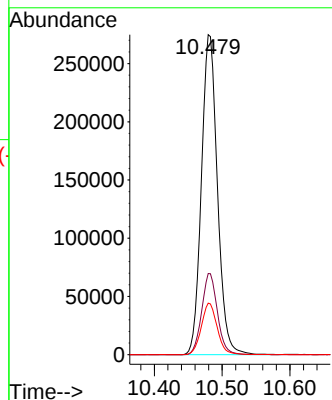
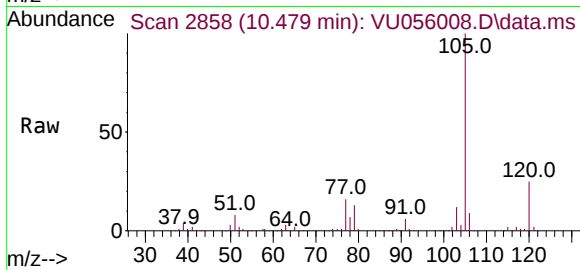
Tgt Ion:105 Resp: 450441

Ion Ratio Lower Upper

105 100

120 24.8 20.2 30.4

77 16.0 13.0 19.4



#61

1,2,3-Trichloropropane

Concen: 4.683 ug/L

RT: 10.817 min Scan# 2963

Delta R.T. -0.003 min

Lab File: VU056008.D

Acq: 30 Oct 2023 19:37

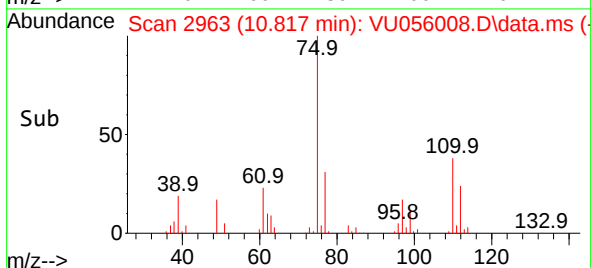
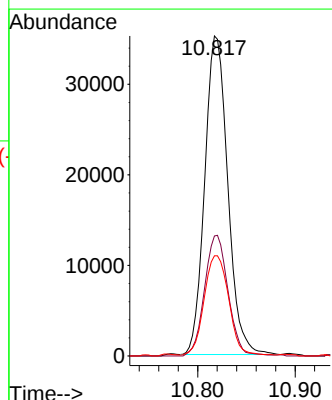
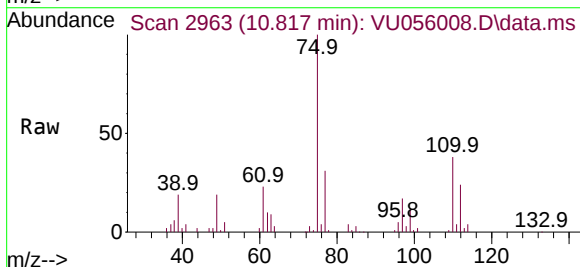
Tgt Ion: 75 Resp: 57821

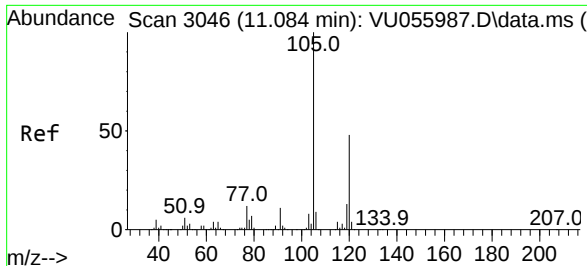
Ion Ratio Lower Upper

75 100

110 38.6 29.0 43.6

77 33.0 24.5 36.7

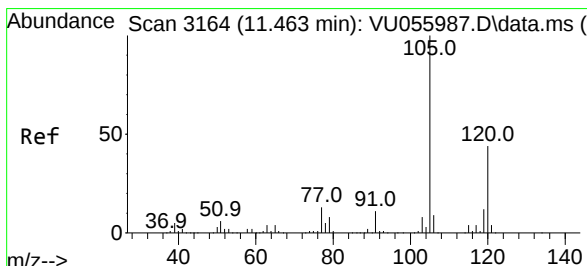
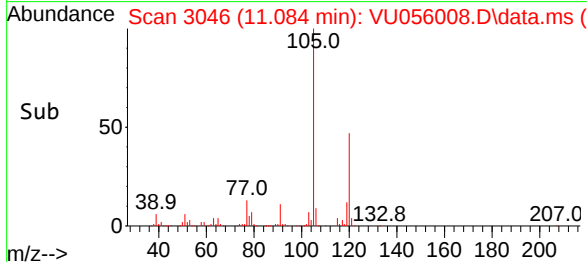
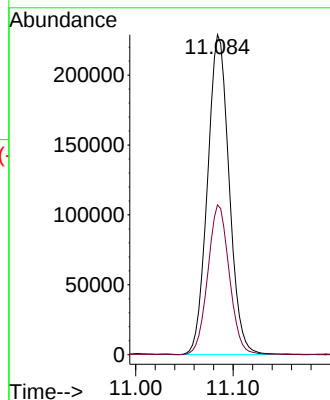
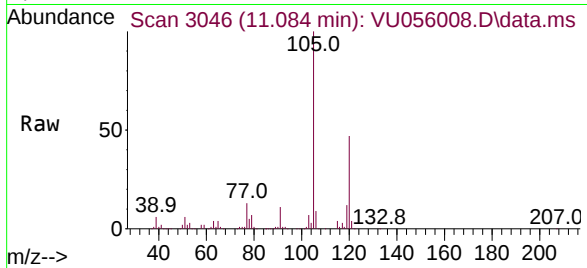




#62
1,3,5-Trimethylbenzene
Concen: 4.821 ug/L
RT: 11.084 min Scan# 3046
Delta R.T. 0.000 min
Lab File: VU056008.D
Acq: 30 Oct 2023 19:37

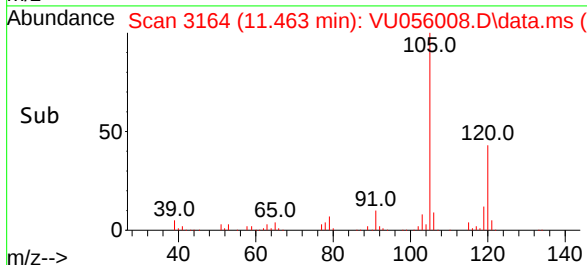
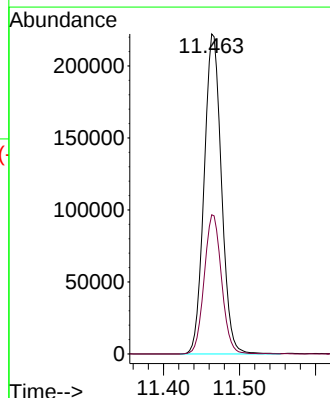
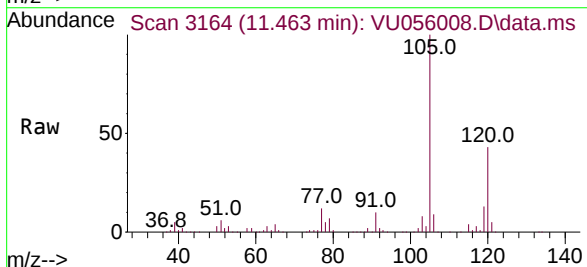
Instrument :
MSVOA_U
ClientSampleId :

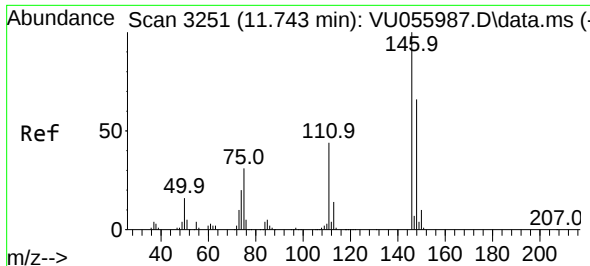
Tgt Ion:105 Resp: 353081
Ion Ratio Lower Upper
105 100
120 46.7 37.4 56.2



#63
1,2,4-Trimethylbenzene
Concen: 5.165 ug/L
RT: 11.463 min Scan# 3164
Delta R.T. 0.000 min
Lab File: VU056008.D
Acq: 30 Oct 2023 19:37

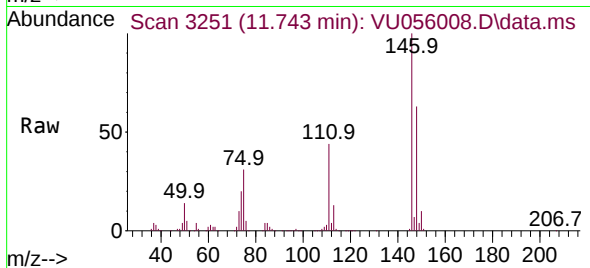
Tgt Ion:105 Resp: 351407
Ion Ratio Lower Upper
105 100
120 43.5 34.6 52.0



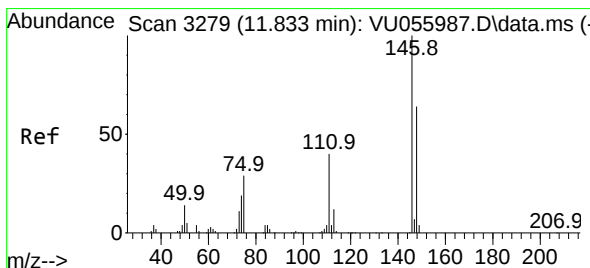
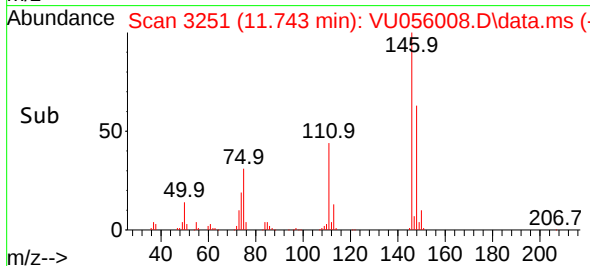
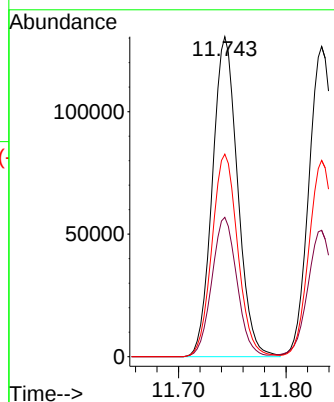


#64
1,3-Dichlorobenzene
Concen: 5.020 ug/L
RT: 11.743 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU056008.D
Acq: 30 Oct 2023 19:37

Instrument :
MSVOA_U
ClientSampleId :

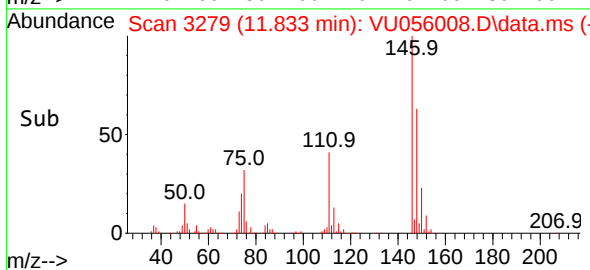
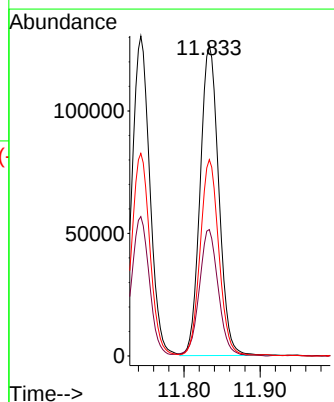
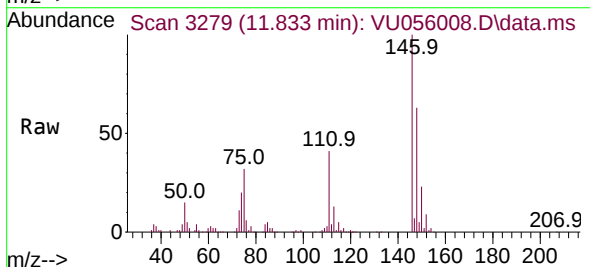


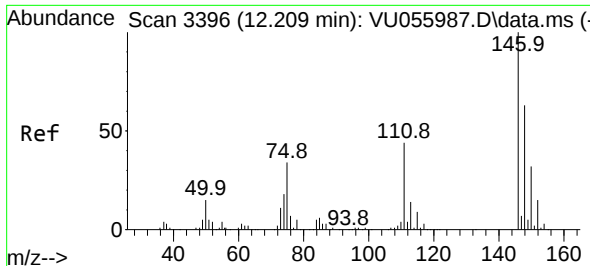
Tgt Ion:146 Resp: 213269
Ion Ratio Lower Upper
146 100
111 43.6 31.1 57.9
148 63.3 44.8 83.2



#65
1,4-Dichlorobenzene
Concen: 5.077 ug/L
RT: 11.833 min Scan# 3279
Delta R.T. 0.000 min
Lab File: VU056008.D
Acq: 30 Oct 2023 19:37

Tgt Ion:146 Resp: 215234
Ion Ratio Lower Upper
146 100
111 40.8 29.3 54.3
148 63.3 45.6 84.8





#67

1,2-Dichlorobenzene

Concen: 5.035 ug/L

RT: 12.209 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU056008.D

Acq: 30 Oct 2023 19:37

Instrument :

MSVOA_U

ClientSampleId :

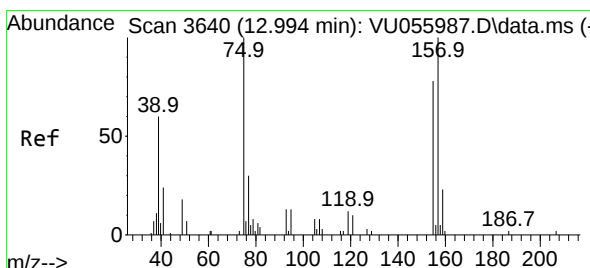
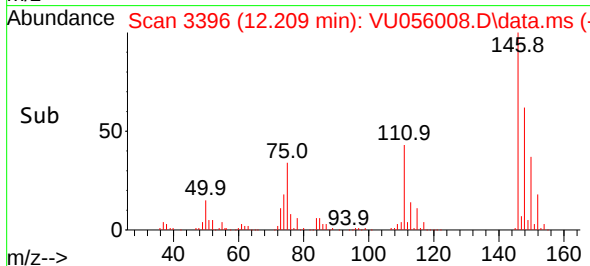
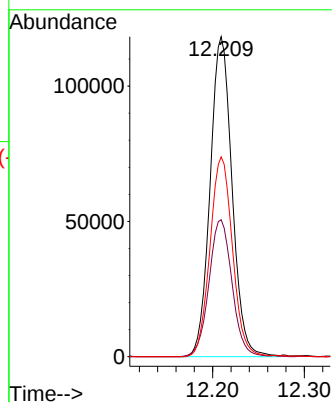
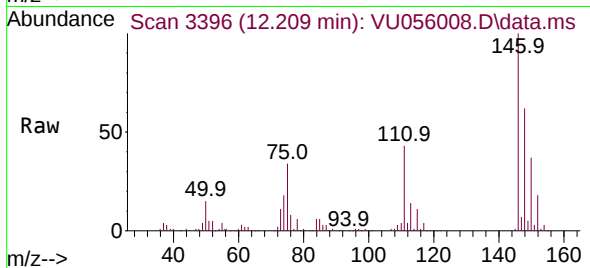
Tgt Ion:146 Resp: 196387

Ion Ratio Lower Upper

146 100

111 42.8 36.7 55.1

148 62.5 51.0 76.4



#68

1,2-Dibromo-3-chloropropane

Concen: 5.775 ug/L

RT: 12.994 min Scan# 3640

Delta R.T. 0.000 min

Lab File: VU056008.D

Acq: 30 Oct 2023 19:37

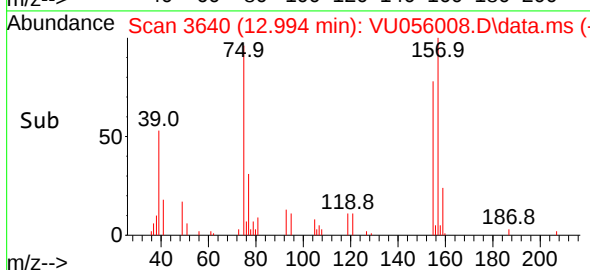
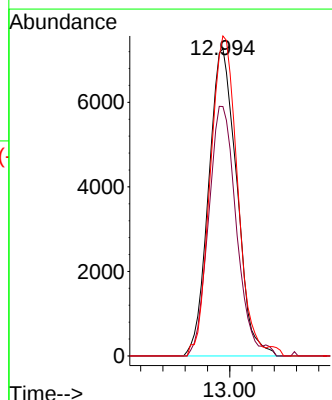
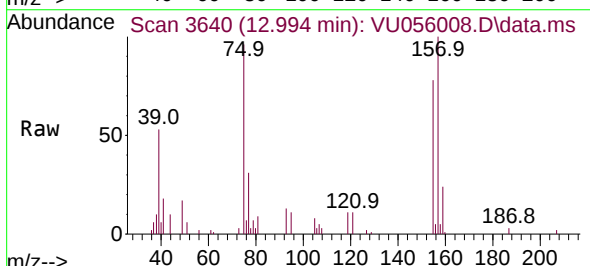
Tgt Ion: 75 Resp: 12723

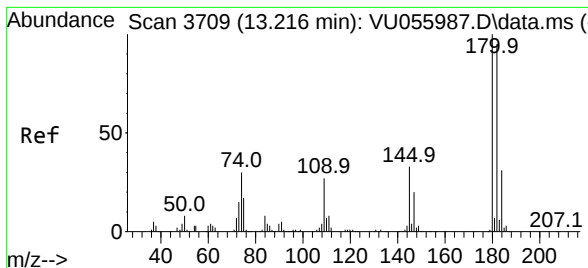
Ion Ratio Lower Upper

75 100

155 81.1 65.3 97.9

157 104.1 87.9 131.9





#69

1,3,5-Trichlorobenzene

Concen: 5.279 ug/L

RT: 13.216 min Scan# 31

Delta R.T. 0.000 min

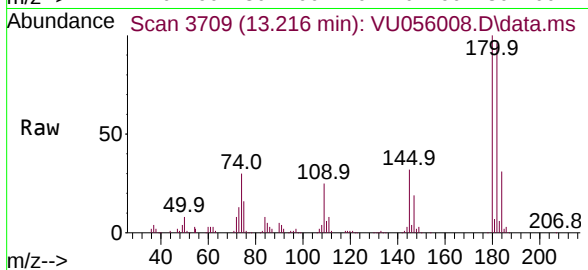
Lab File: VU056008.D

Acq: 30 Oct 2023 19:37

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 153235

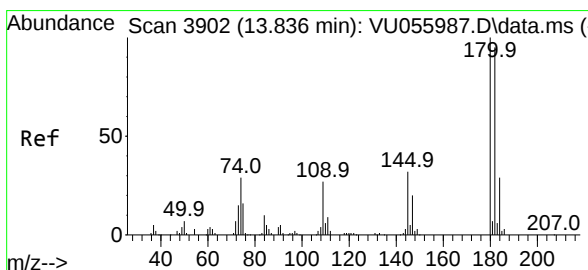
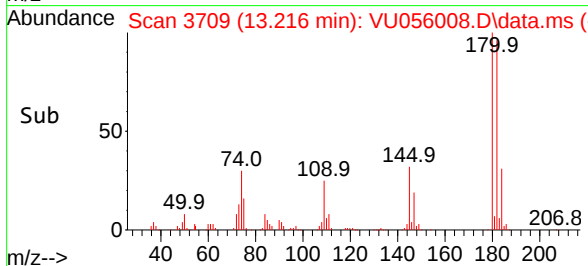
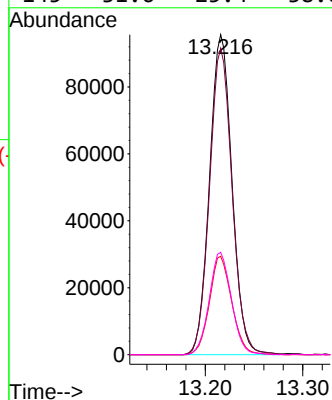
Ion Ratio Lower Upper

180 100

182 96.2 74.7 112.1

184 30.5 23.8 35.8

145 31.6 25.4 38.0



#70

1,2,4-trichlorobenzene

Concen: 5.678 ug/L

RT: 13.836 min Scan# 3902

Delta R.T. 0.000 min

Lab File: VU056008.D

Acq: 30 Oct 2023 19:37

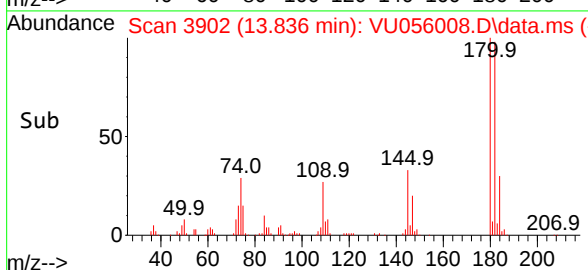
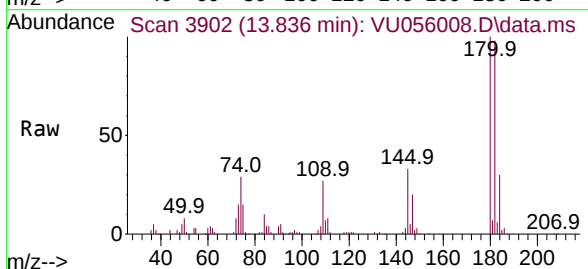
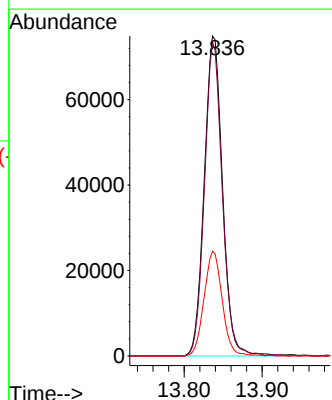
Tgt Ion:180 Resp: 121842

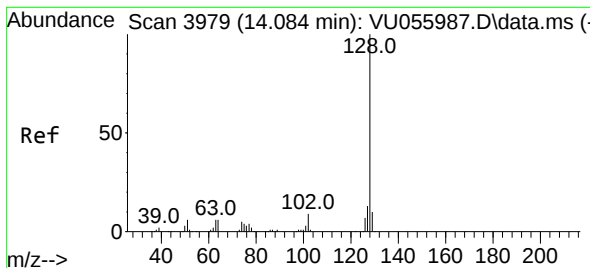
Ion Ratio Lower Upper

180 100

182 95.6 76.1 114.1

145 32.6 26.4 39.6





#71

Naphthalene

Concen: 5.445 ug/L

RT: 14.084 min Scan# 3979

Delta R.T. 0.000 min

Lab File: VU056008.D

Acq: 30 Oct 2023 19:37

Instrument :

MSVOA_U

ClientSampleId :

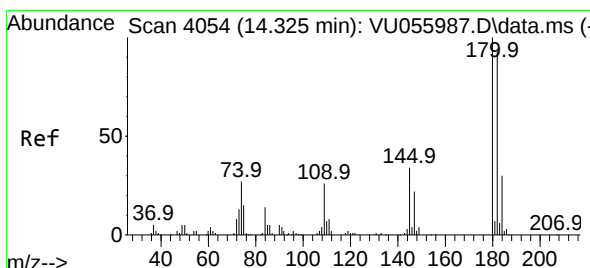
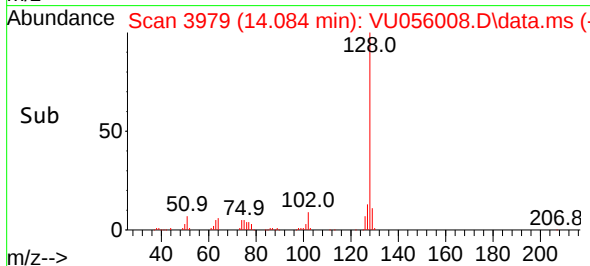
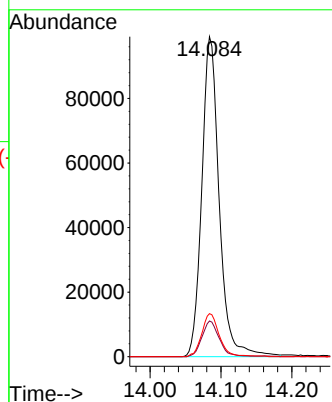
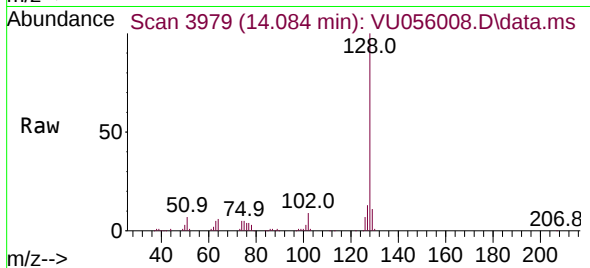
Tgt Ion:128 Resp: 169187

Ion Ratio Lower Upper

128 100

129 11.1 8.3 12.5

127 13.6 10.0 15.0



#72

1,2,3-Trichlorobenzene

Concen: 5.516 ug/L

RT: 14.325 min Scan# 4054

Delta R.T. 0.000 min

Lab File: VU056008.D

Acq: 30 Oct 2023 19:37

Tgt Ion:180 Resp: 102045

Ion Ratio Lower Upper

180 100

182 97.4 74.6 112.0

145 34.3 27.4 41.2

