

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110323\
 Data File : VU056079.D
 Acq On : 03 Nov 2023 14:16
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 04 01:41:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 04 01:40:01 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	352758	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	342016	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	165903	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	98050	3.514	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.200%
7) Chloroethane-d5	1.914	69	85808	3.945	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.800%
11) 1,1-Dichloroethene-d2	2.567	65	44385	3.747	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.000%
20) 2-Butanone-d5	4.637	46	250677	50.355	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.720%
24) Chloroform-d	5.062	84	222081	4.295	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.800%
26) 1,2-Dichloroethane-d4	5.698	65	102357	4.063	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.200%
32) Benzene-d6	5.724	84	437526	4.295	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.800%
36) 1,2-Dichloropropane-d6	6.689	67	135557	4.488	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.800%
41) Toluene-d8	7.894	98	391665	4.238	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.800%
43) trans-1,3-Dichloroprop...	8.177	79	50802	4.301	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.000%
46) 2-Hexanone-d5	8.631	63	197808	65.969	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	131.940%#
56) 1,1,2,2-Tetrachloroeth...	10.753	84	102423	4.657	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.200%
66) 1,2-Dichlorobenzene-d4	12.190	152	135784	4.387	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.387	85	83290	4.143	ug/L	98
3) Chloromethane	1.518	50	72190	3.761	ug/L	92
5) Vinyl chloride	1.605	62	83910	3.969	ug/L	98
6) Bromomethane	1.859	94	53665	4.097	ug/L	96
8) Chloroethane	1.936	64	53525	4.320	ug/L	95
9) Trichlorofluoromethane	2.139	101	132192	4.533	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	92608	4.834	ug/L	97
12) 1,1-Dichloroethene	2.579	96	79283	4.637	ug/L	87
13) Acetone	2.650	43	124391	43.848	ug/L	96
14) Carbon disulfide	2.795	76	170767	3.901	ug/L	99
15) Methyl Acetate	2.959	43	29764	5.150	ug/L	96
16) Methylene chloride	3.046	84	102132	5.272	ug/L	97
17) Methyl tert-butyl Ether	3.361	73	200409	4.830	ug/L	99
18) trans-1,2-Dichloroethene	3.354	96	80425	4.744	ug/L	98
19) 1,1-Dichloroethane	3.865	63	165231	4.800	ug/L	99
21) 2-Butanone	4.718	43	193073	46.298	ug/L	98
22) cis-1,2-Dichloroethene	4.663	96	98721	4.810	ug/L	91
23) Bromochloromethane	4.972	128	43432	5.194	ug/L	90
25) Chloroform	5.084	83	187470	5.080	ug/L	100

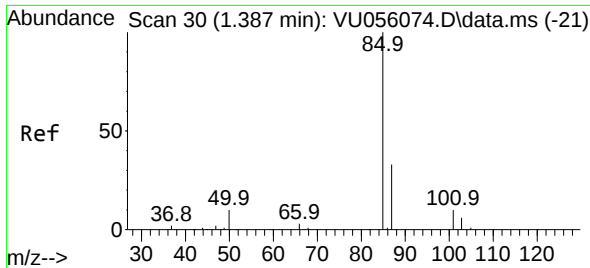
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110323\
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 04 01:40:01 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.795	62	99119	4.571	ug/L	96
29) 1,1,1-Trichloroethane	5.312	97	153292	4.918	ug/L	98
30) Cyclohexane	5.386	56	118678	4.512	ug/L	99
31) Carbon tetrachloride	5.521	117	131641	4.951	ug/L	100
33) Benzene	5.772	78	366944	4.862	ug/L	100
34) Trichloroethene	6.541	95	99167	4.697	ug/L	98
35) Methylcyclohexane	6.759	83	129385	4.540	ug/L	96
37) 1,2-Dichloropropane	6.788	63	98063	4.893	ug/L	99
38) Bromodichloromethane	7.103	83	128958	5.126	ug/L	98
39) cis-1,3-Dichloropropene	7.605	75	138344	4.846	ug/L	96
40) 4-Methyl-2-pentanone	7.788	43	459299	47.543	ug/L	97
42) Toluene	7.968	91	395645	5.016	ug/L	100
44) trans-1,3-Dichloropropene	8.209	75	112579	4.885	ug/L	99
45) 1,1,2-Trichloroethane	8.399	97	72304	5.131	ug/L	97
47) Tetrachloroethene	8.550	164	73989	5.004	ug/L	96
48) 2-Hexanone	8.682	43	354608	46.684	ug/L	99
49) Dibromochloromethane	8.807	129	81975	5.299	ug/L	99
50) 1,2-Dibromoethane	8.920	107	64258	5.026	ug/L	98
51) Chlorobenzene	9.444	112	255757	4.947	ug/L	99
52) Ethylbenzene	9.569	91	425686	4.761	ug/L	97
53) m,p-Xylene	9.692	106	159706	4.779	ug/L	99
54) o-Xylene	10.097	106	157272	4.810	ug/L	97
55) Styrene	10.113	104	264447	5.045	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.778	83	84866	5.203	ug/L	97
59) Bromoform	10.286	173	46733	5.537	ug/L	99
60) Isopropylbenzene	10.483	105	426925	5.164	ug/L	99
61) 1,2,3-Trichloropropane	10.820	75	58431	5.130	ug/L	97
62) 1,3,5-Trimethylbenzene	11.084	105	338153	5.005	ug/L	99
63) 1,2,4-Trimethylbenzene	11.466	105	327911	5.224	ug/L	99
64) 1,3-Dichlorobenzene	11.743	146	197874	5.049	ug/L	99
65) 1,4-Dichlorobenzene	11.833	146	190500	4.871	ug/L	99
67) 1,2-Dichlorobenzene	12.209	146	184538	5.129	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.994	75	11124	5.473	ug/L	94
69) 1,3,5-Trichlorobenzene	13.216	180	134096	5.007	ug/L	97
70) 1,2,4-trichlorobenzene	13.839	180	101457	5.126	ug/L	98
71) Naphthalene	14.084	128	141290	4.929	ug/L	99
72) 1,2,3-Trichlorobenzene	14.328	180	85918	5.035	ug/L	98

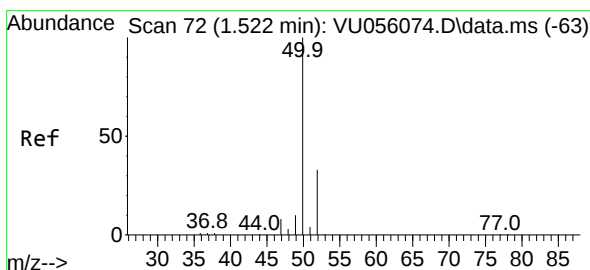
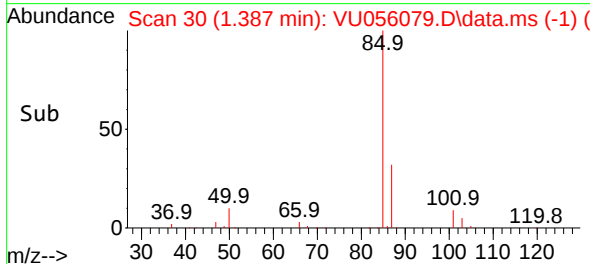
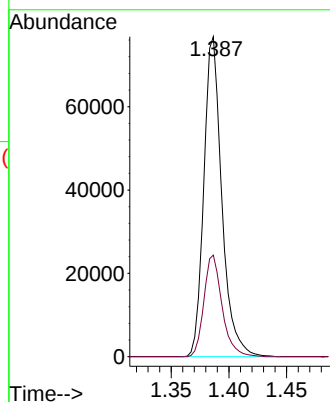
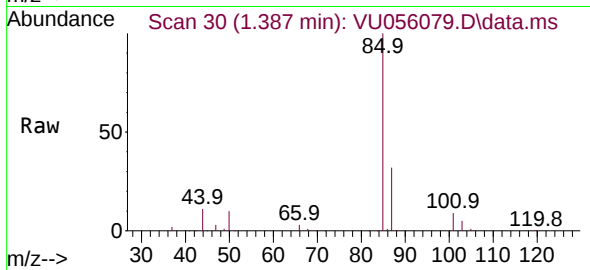
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 4.143 ug/L
RT: 1.387 min Scan# 30
Delta R.T. -0.000 min
Lab File: VU056079.D
Acq: 03 Nov 2023 14:16

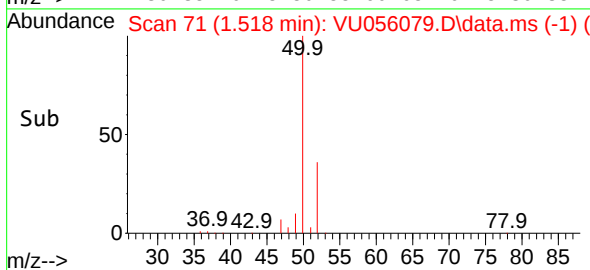
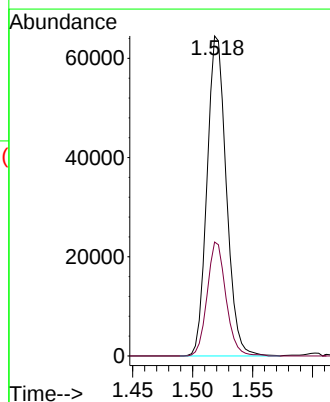
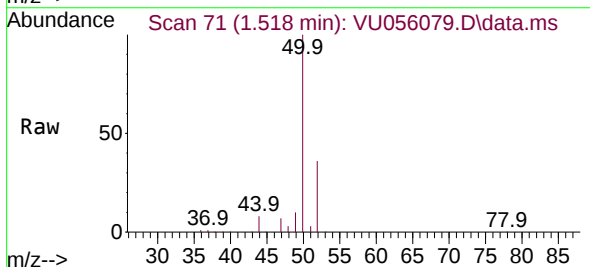
Instrument :
MSVOA_U
ClientSampleId :

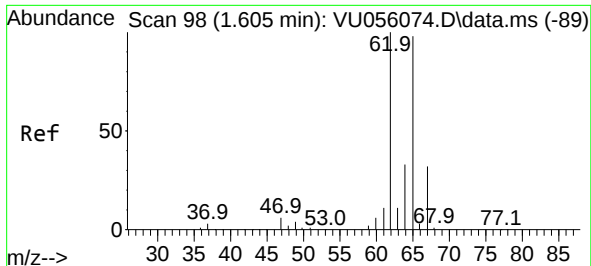
Tgt Ion: 85 Resp: 83290
Ion Ratio Lower Upper
85 100
87 32.1 25.0 37.4



#3
Chloromethane
Concen: 3.761 ug/L
RT: 1.518 min Scan# 71
Delta R.T. -0.003 min
Lab File: VU056079.D
Acq: 03 Nov 2023 14:16

Tgt Ion: 50 Resp: 72190
Ion Ratio Lower Upper
50 100
52 35.6 22.0 40.8

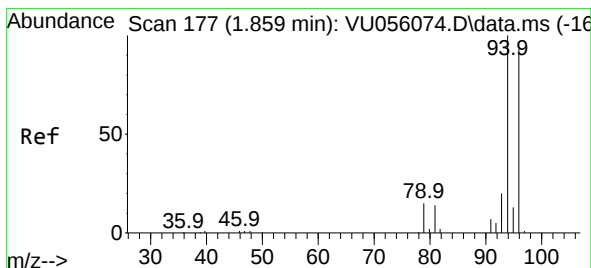
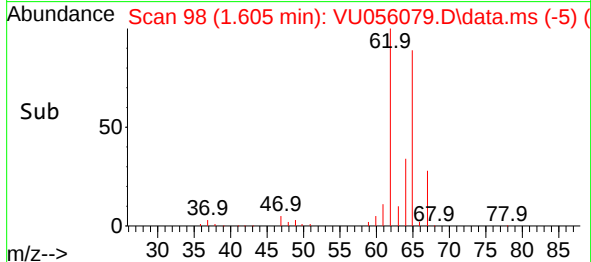
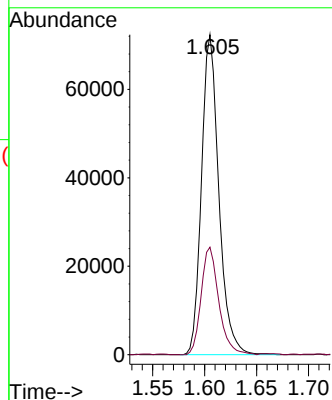
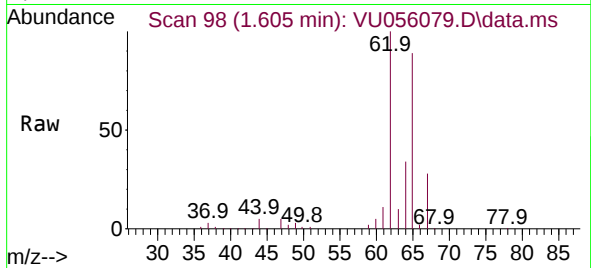




#5
 Vinyl chloride
 Concen: 3.969 ug/L
 RT: 1.605 min Scan# 98
 Delta R.T. -0.000 min
 Lab File: VU056079.D
 Acq: 03 Nov 2023 14:16

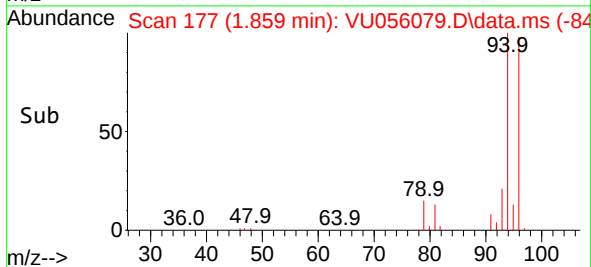
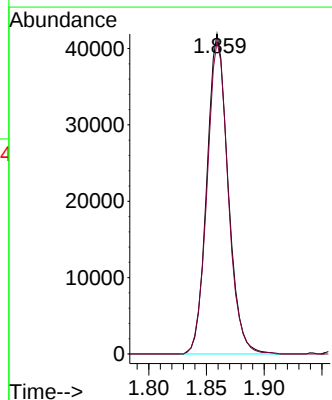
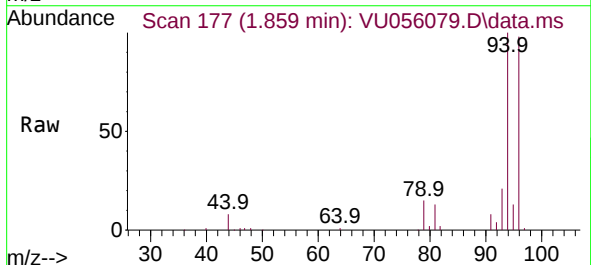
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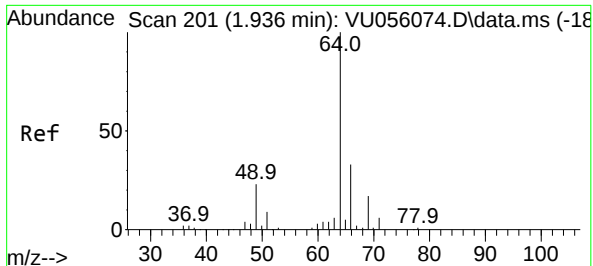
Tgt Ion: 62 Resp: 83910
 Ion Ratio Lower Upper
 62 100
 64 33.6 24.2 45.0



#6
 Bromomethane
 Concen: 4.097 ug/L
 RT: 1.859 min Scan# 177
 Delta R.T. -0.000 min
 Lab File: VU056079.D
 Acq: 03 Nov 2023 14:16

Tgt Ion: 94 Resp: 53665
 Ion Ratio Lower Upper
 94 100
 96 97.7 65.9 122.5

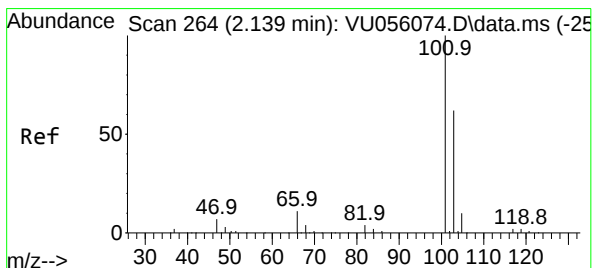
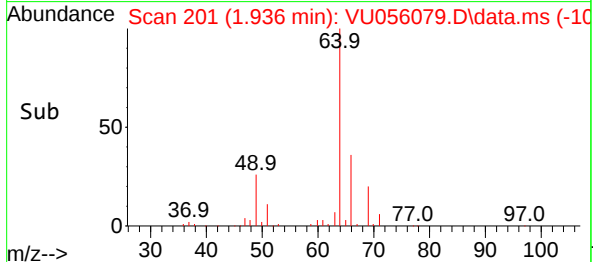
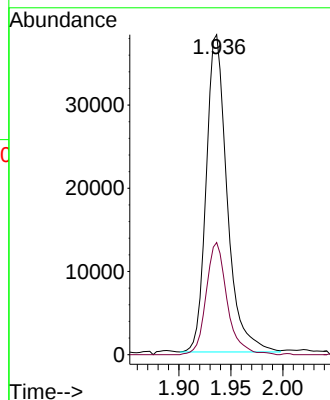
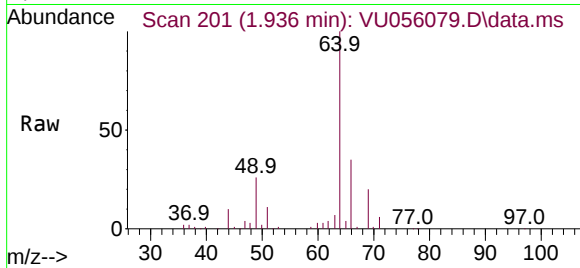




#8
Chloroethane
Concen: 4.320 ug/L
RT: 1.936 min Scan# 201
Delta R.T. -0.000 min
Lab File: VU056079.D
Acq: 03 Nov 2023 14:16

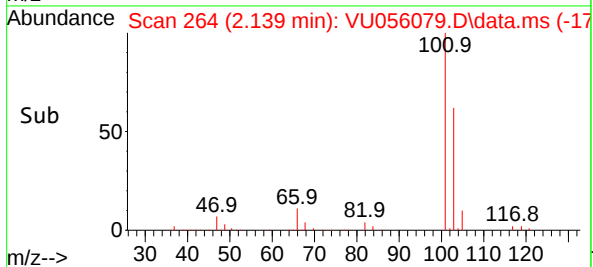
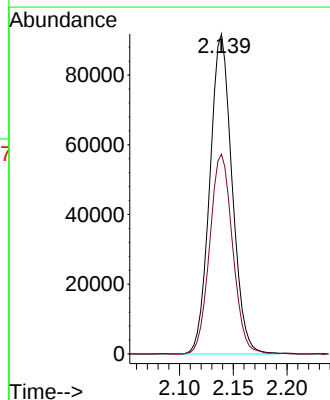
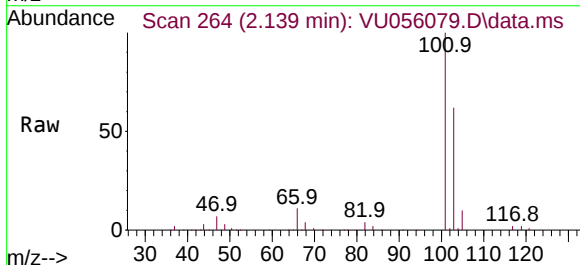
Instrument :
MSVOA_U
ClientSampleId :

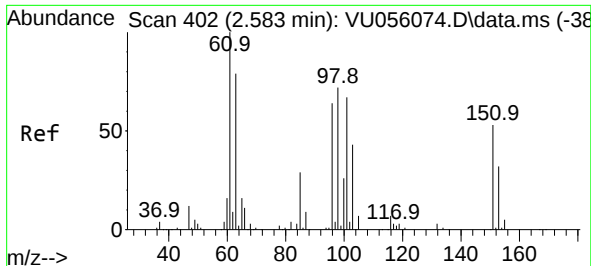
Tgt Ion: 64 Resp: 53525
Ion Ratio Lower Upper
64 100
66 35.1 22.7 42.1



#9
Trichlorofluoromethane
Concen: 4.533 ug/L
RT: 2.139 min Scan# 264
Delta R.T. -0.000 min
Lab File: VU056079.D
Acq: 03 Nov 2023 14:16

Tgt Ion:101 Resp: 132192
Ion Ratio Lower Upper
101 100
103 64.2 52.2 78.2

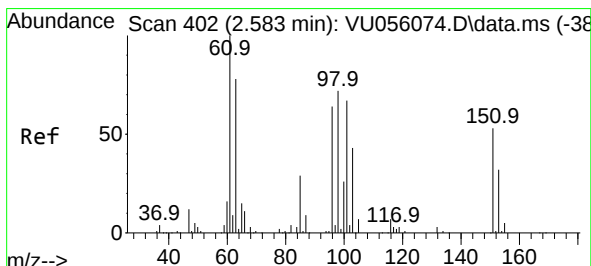
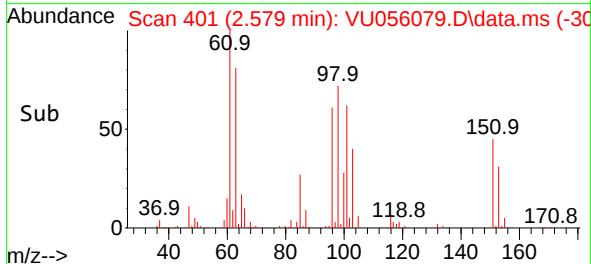
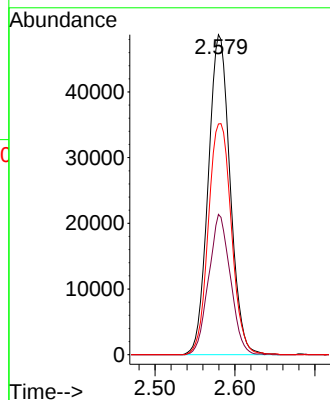
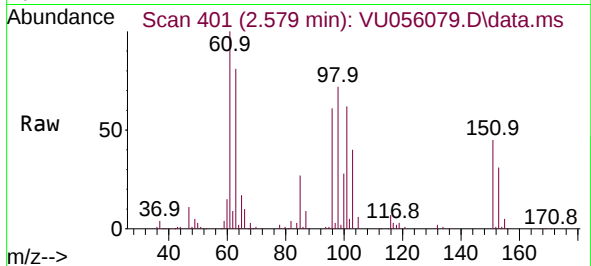




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.834 ug/L
RT: 2.579 min Scan# 401
Delta R.T. -0.003 min
Lab File: VU056079.D
Acq: 03 Nov 2023 14:16

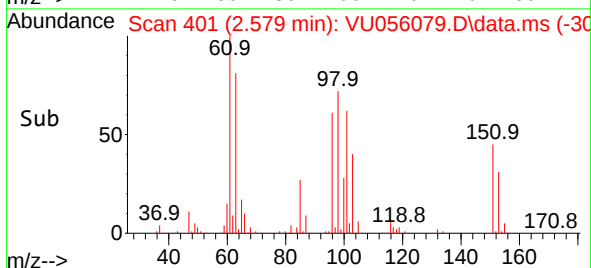
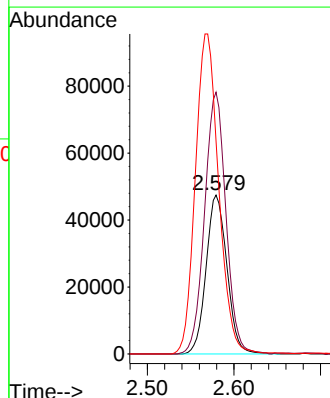
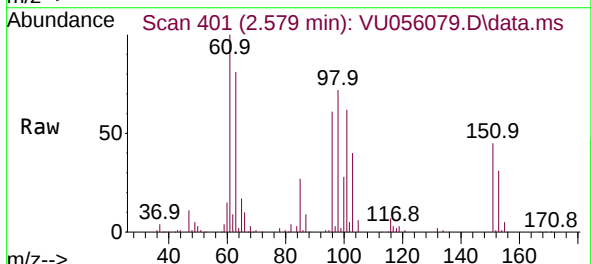
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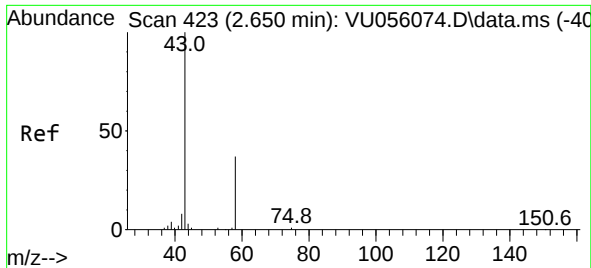
Tgt Ion:101 Resp: 92608
Ion Ratio Lower Upper
101 100
85 43.5 34.4 51.6
151 76.1 58.4 87.6



#12
1,1-Dichloroethene
Concen: 4.637 ug/L
RT: 2.579 min Scan# 401
Delta R.T. -0.003 min
Lab File: VU056079.D
Acq: 03 Nov 2023 14:16

Tgt Ion: 96 Resp: 79283
Ion Ratio Lower Upper
96 100
61 164.7 123.8 230.0
63 134.0 111.0 206.2





#13

Acetone

Concen: 43.848 ug/L

RT: 2.650 min Scan# 41

Delta R.T. -0.000 min

Lab File: VU056079.D

Acq: 03 Nov 2023 14:16

Instrument :

MSVOA_U

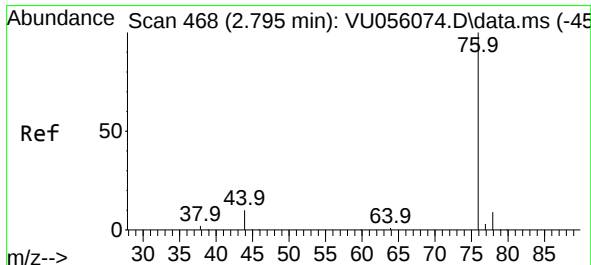
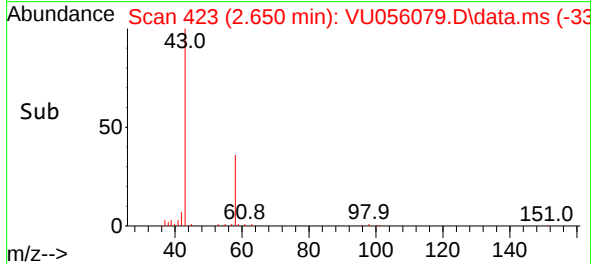
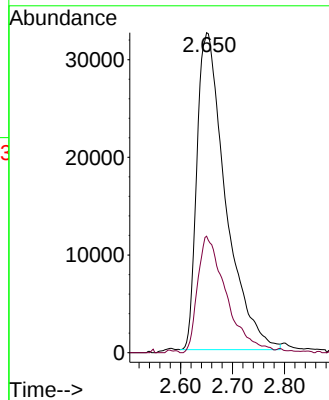
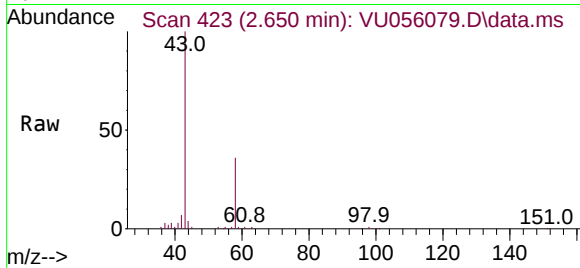
ClientSampleId :

Tgt Ion: 43 Resp: 124391

Ion Ratio Lower Upper

43 100

58 36.8 0.0 69.0



#14

Carbon disulfide

Concen: 3.901 ug/L

RT: 2.795 min Scan# 468

Delta R.T. -0.000 min

Lab File: VU056079.D

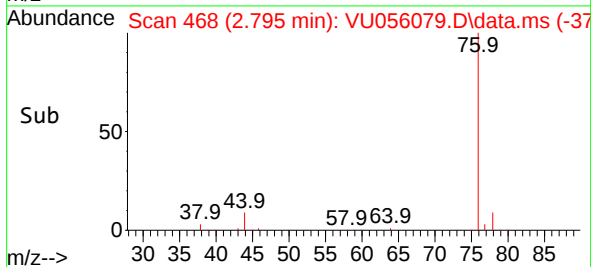
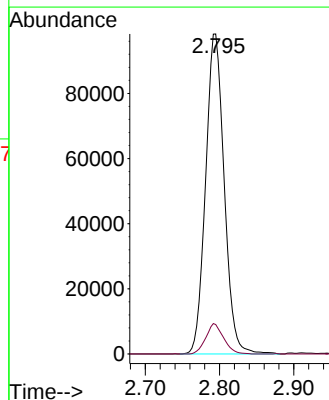
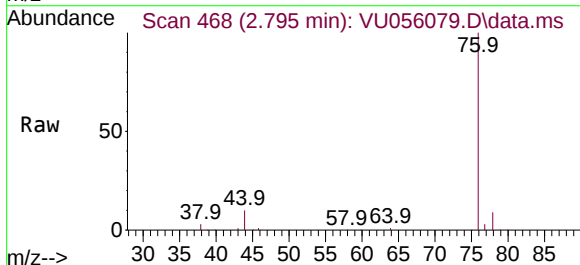
Acq: 03 Nov 2023 14:16

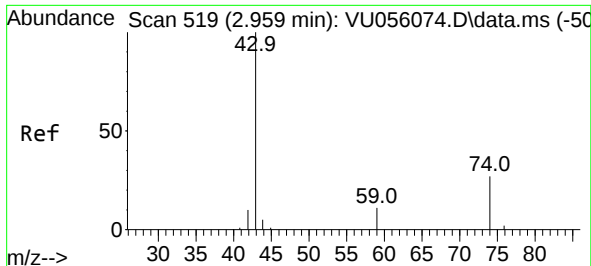
Tgt Ion: 76 Resp: 170767

Ion Ratio Lower Upper

76 100

78 9.2 7.5 11.3

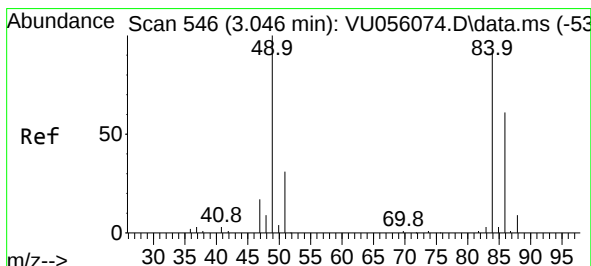
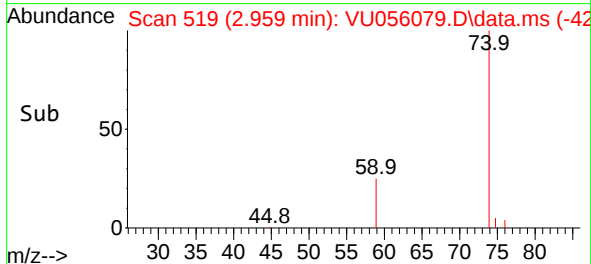
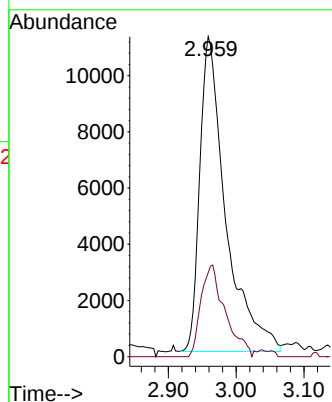
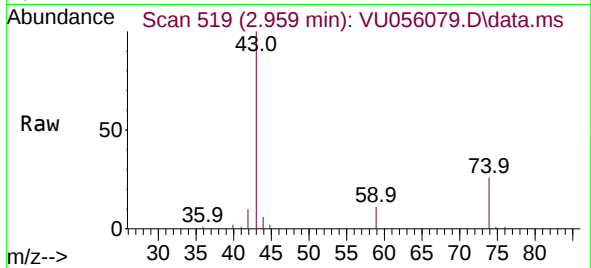




#15
Methyl Acetate
Concen: 5.150 ug/L
RT: 2.959 min Scan# 519
Delta R.T. -0.000 min
Lab File: VU056079.D
Acq: 03 Nov 2023 14:16

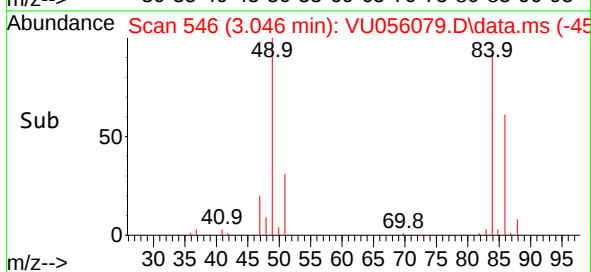
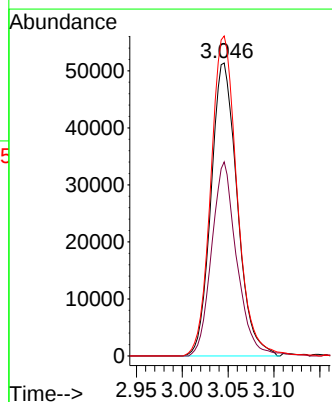
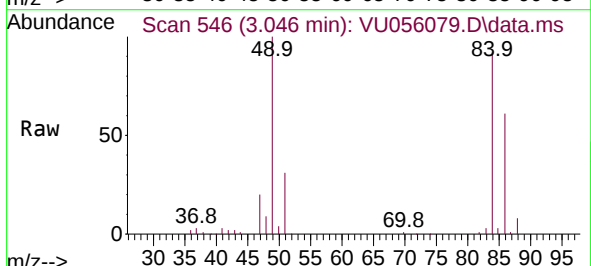
Instrument :
MSVOA_U
ClientSampleId :

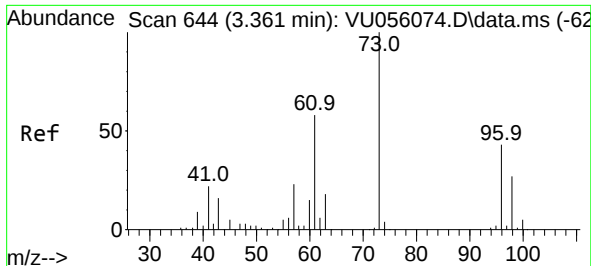
Tgt Ion: 43 Resp: 29764
Ion Ratio Lower Upper
43 100
74 27.0 19.9 29.9



#16
Methylene chloride
Concen: 5.272 ug/L
RT: 3.046 min Scan# 546
Delta R.T. -0.000 min
Lab File: VU056079.D
Acq: 03 Nov 2023 14:16

Tgt Ion: 84 Resp: 102132
Ion Ratio Lower Upper
84 100
86 66.2 45.2 84.0
49 109.2 78.8 146.3

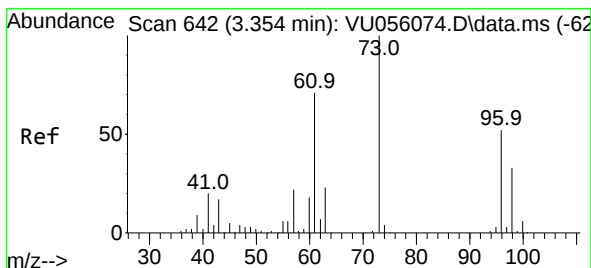
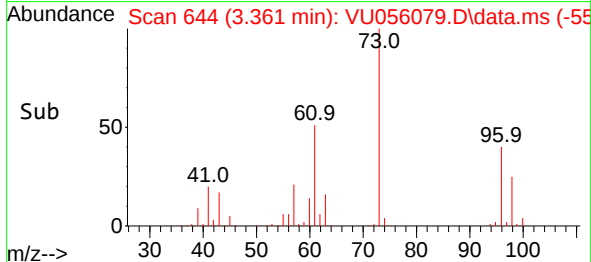
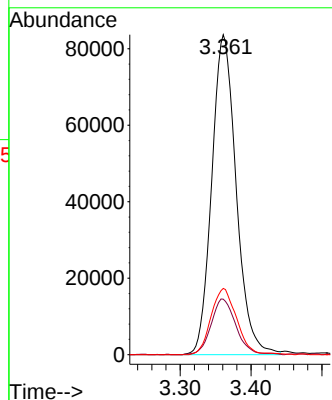
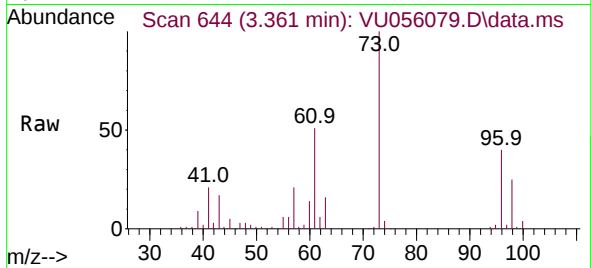




#17
Methyl tert-butyl Ether
Concen: 4.830 ug/L
RT: 3.361 min Scan# 644
Delta R.T. -0.000 min
Lab File: VU056079.D
Acq: 03 Nov 2023 14:16

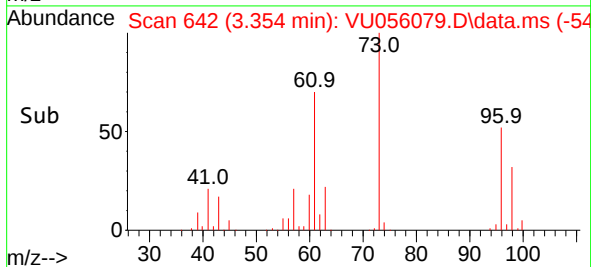
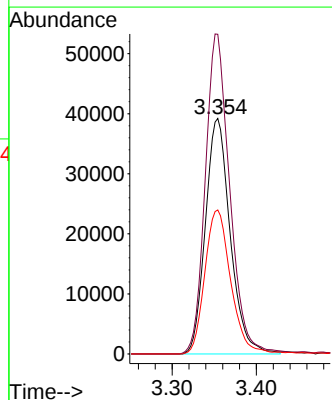
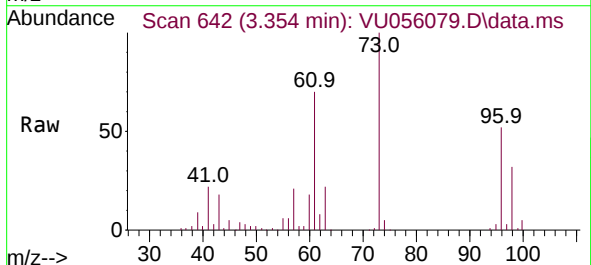
Instrument :
MSVOA_U
ClientSampleId :

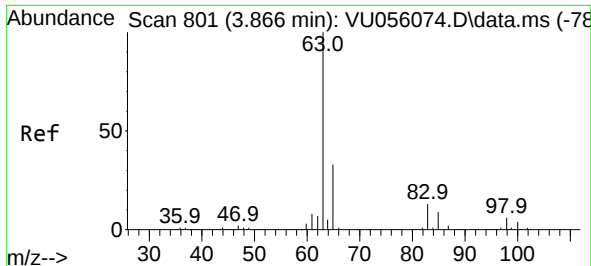
Tgt Ion: 73 Resp: 200409
Ion Ratio Lower Upper
73 100
43 17.6 14.4 21.6
57 21.7 17.0 25.4



#18
trans-1,2-Dichloroethene
Concen: 4.744 ug/L
RT: 3.354 min Scan# 642
Delta R.T. -0.000 min
Lab File: VU056079.D
Acq: 03 Nov 2023 14:16

Tgt Ion: 96 Resp: 80425
Ion Ratio Lower Upper
96 100
61 135.7 97.5 181.1
98 61.1 42.7 79.3





#19

1,1-Dichloroethane

Concen: 4.800 ug/L

RT: 3.865 min Scan# 801

Delta R.T. -0.000 min

Lab File: VU056079.D

Acq: 03 Nov 2023 14:16

Instrument :

MSVOA_U

ClientSampleId :

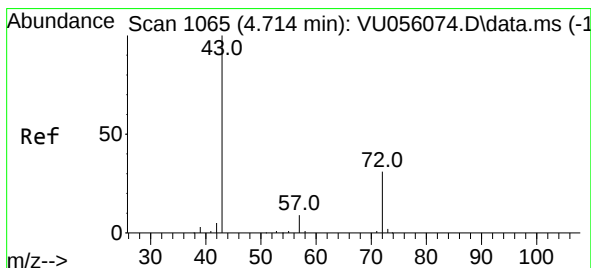
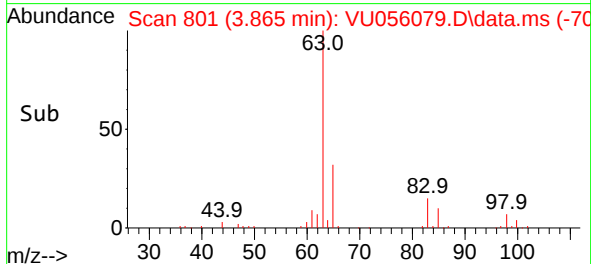
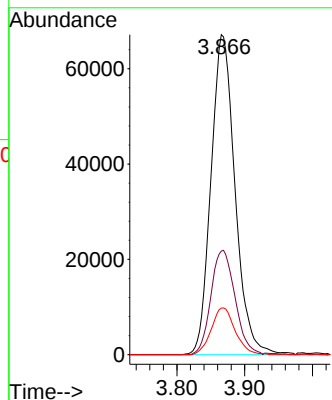
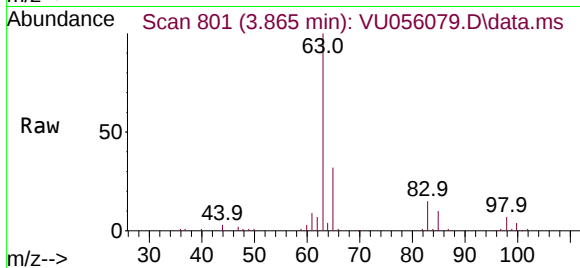
Tgt Ion: 63 Resp: 165231

Ion Ratio Lower Upper

63 100

65 32.4 23.3 43.3

83 14.5 10.5 19.5



#21

2-Butanone

Concen: 46.298 ug/L

RT: 4.718 min Scan# 1066

Delta R.T. 0.003 min

Lab File: VU056079.D

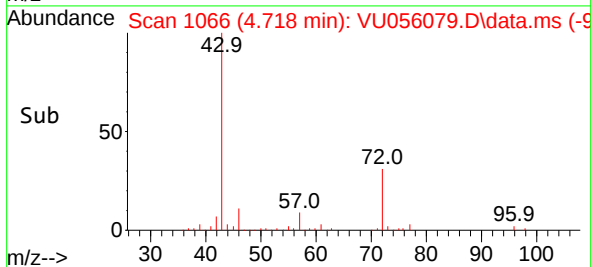
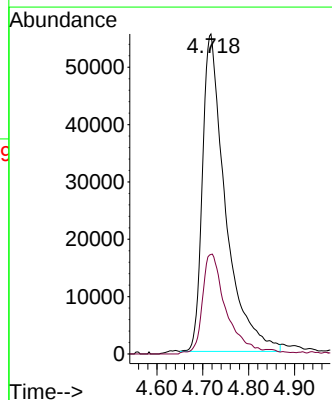
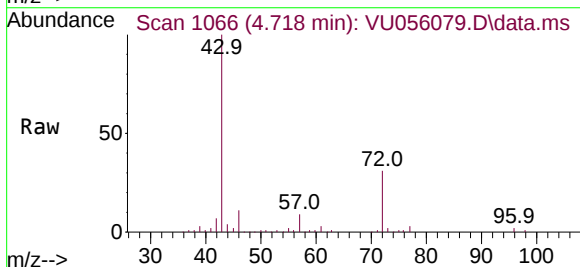
Acq: 03 Nov 2023 14:16

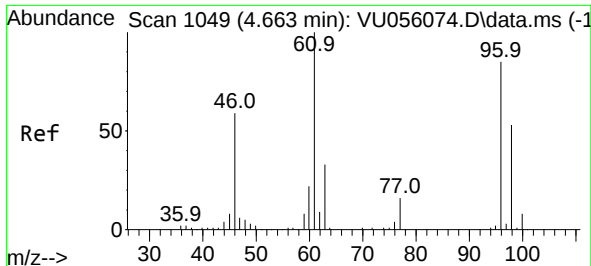
Tgt Ion: 43 Resp: 193073

Ion Ratio Lower Upper

43 100

72 30.1 14.4 43.4





#22

cis-1,2-Dichloroethene

Concen: 4.810 ug/L

RT: 4.663 min Scan# 1049

Delta R.T. -0.000 min

Lab File: VU056079.D

Acq: 03 Nov 2023 14:16

Instrument :

MSVOA_U

ClientSampleId :

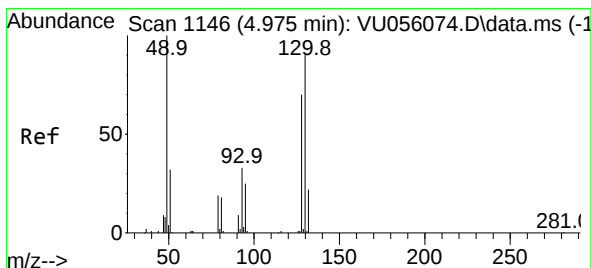
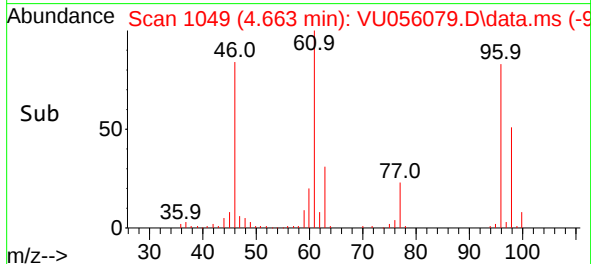
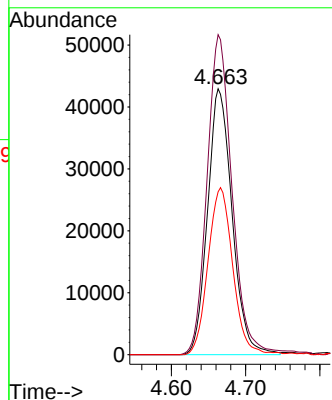
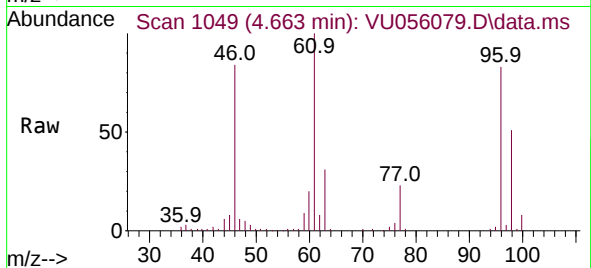
Tgt Ion: 96 Resp: 98721

Ion Ratio Lower Upper

96 100

61 120.3 93.8 174.2

98 61.3 45.6 84.8



#23

Bromochloromethane

Concen: 5.194 ug/L

RT: 4.972 min Scan# 1145

Delta R.T. -0.003 min

Lab File: VU056079.D

Acq: 03 Nov 2023 14:16

Tgt Ion: 128 Resp: 43432

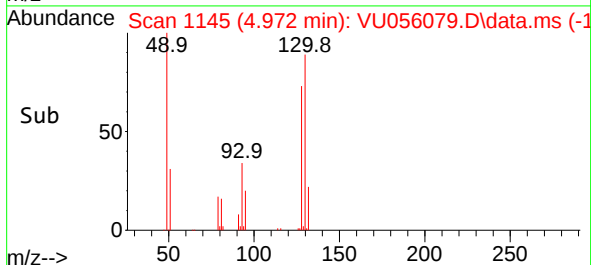
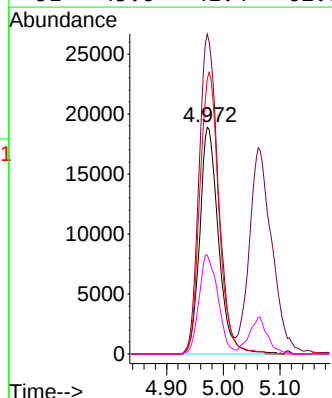
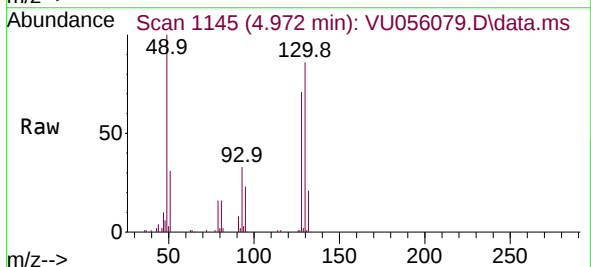
Ion Ratio Lower Upper

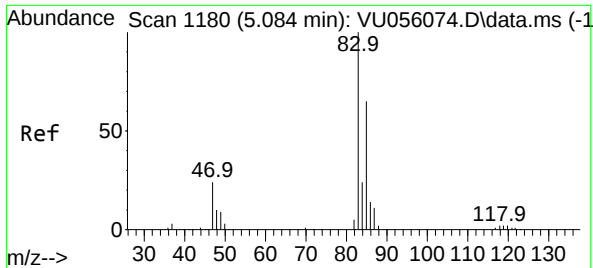
128 100

49 141.1 108.7 201.9

130 121.3 91.5 169.9

51 43.6 41.4 62.0

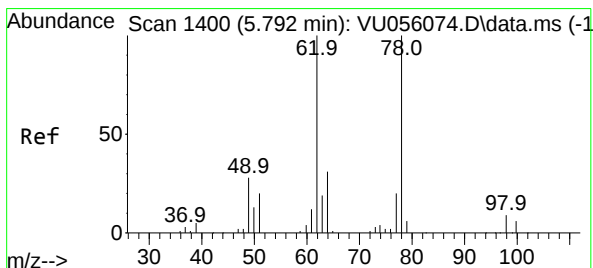
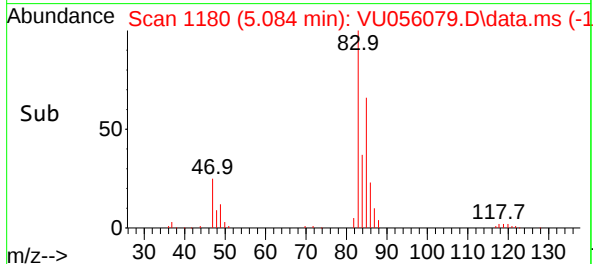
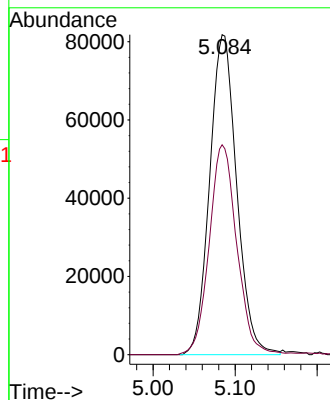
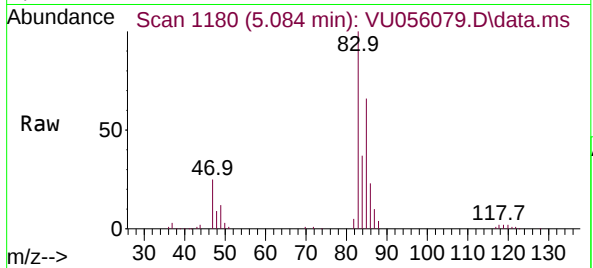




#25
Chloroform
Concen: 5.080 ug/L
RT: 5.084 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VU056079.D
Acq: 03 Nov 2023 14:16

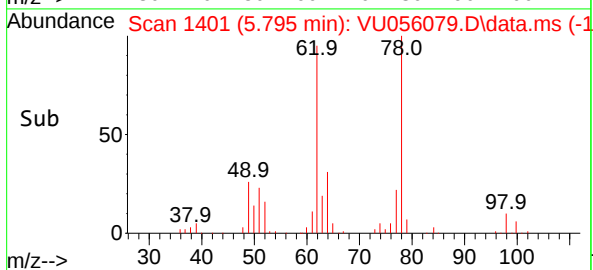
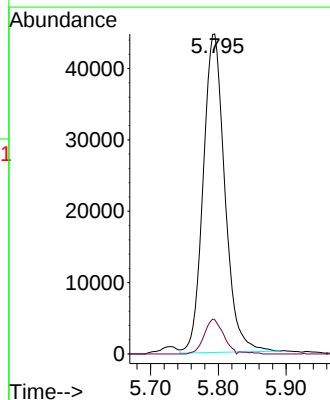
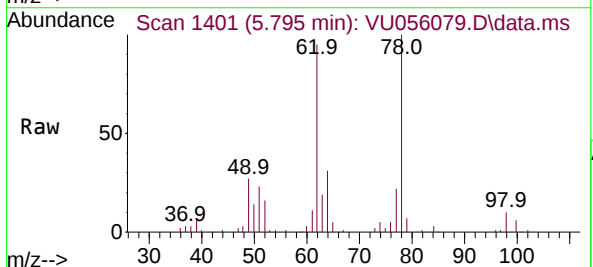
Instrument :
MSVOA_U
ClientSampleId :

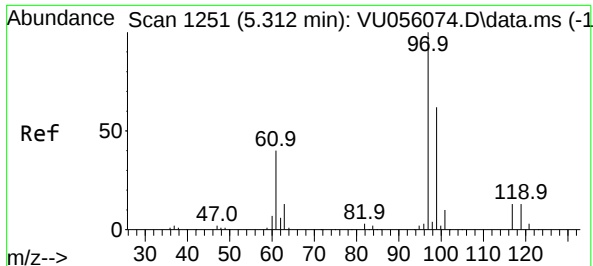
Tgt Ion: 83 Resp: 187470
Ion Ratio Lower Upper
83 100
85 65.6 45.6 84.8



#27
1,2-Dichloroethane
Concen: 4.571 ug/L
RT: 5.795 min Scan# 1401
Delta R.T. 0.003 min
Lab File: VU056079.D
Acq: 03 Nov 2023 14:16

Tgt Ion: 62 Resp: 99119
Ion Ratio Lower Upper
62 100
98 10.7 7.4 11.2

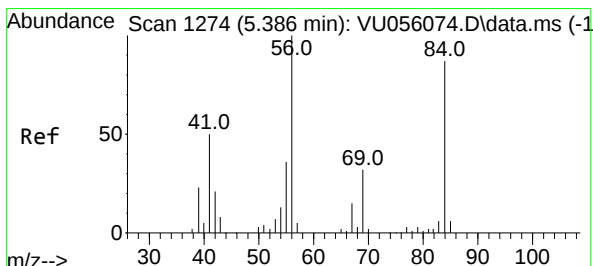
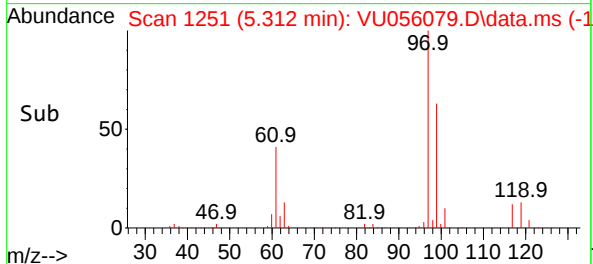
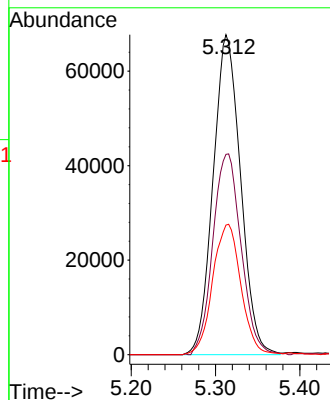
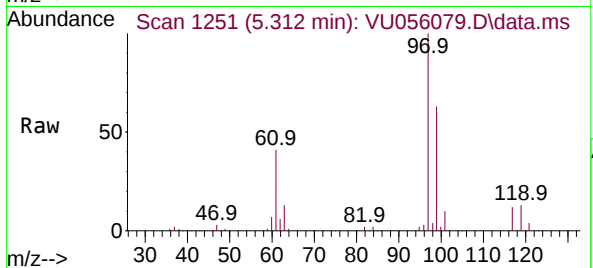




#29
1,1,1-Trichloroethane
Concen: 4.918 ug/L
RT: 5.312 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VU056079.D
Acq: 03 Nov 2023 14:16

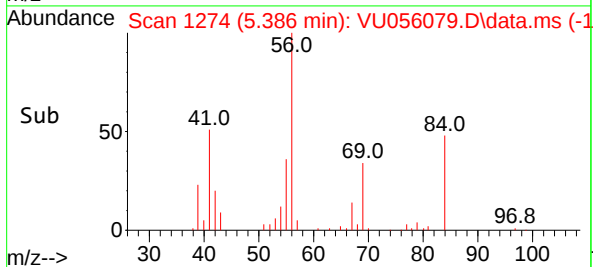
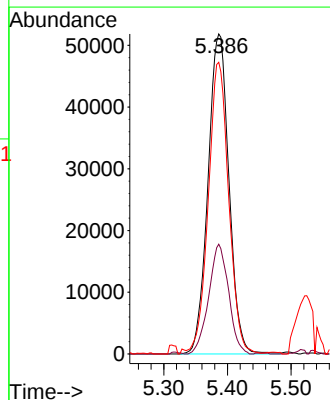
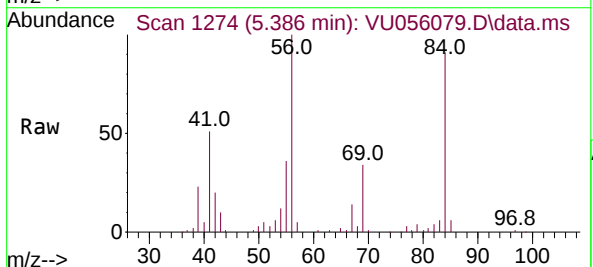
Instrument :
MSVOA_U
ClientSampleId :

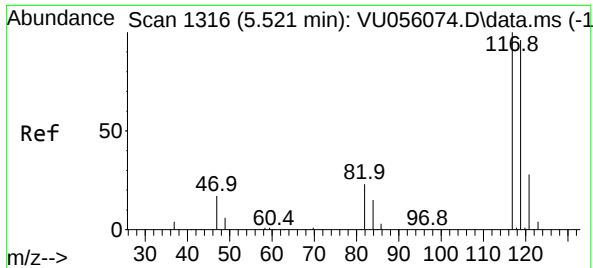
Tgt Ion: 97 Resp: 153292
Ion Ratio Lower Upper
97 100
99 64.5 50.8 76.2
61 41.9 35.0 52.4



#30
Cyclohexane
Concen: 4.512 ug/L
RT: 5.386 min Scan# 1274
Delta R.T. -0.000 min
Lab File: VU056079.D
Acq: 03 Nov 2023 14:16

Tgt Ion: 56 Resp: 118678
Ion Ratio Lower Upper
56 100
69 32.6 25.4 38.2
84 88.0 71.0 106.6

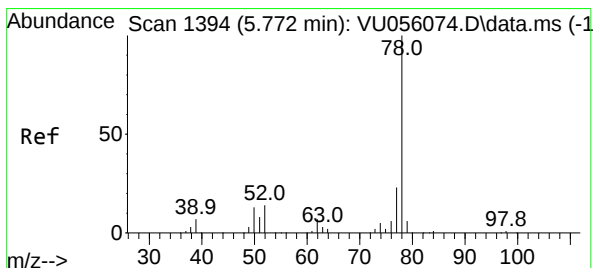
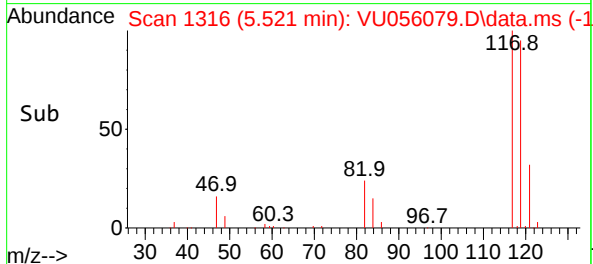
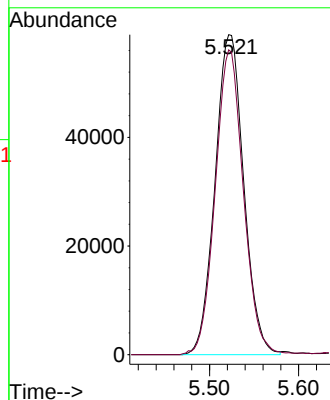
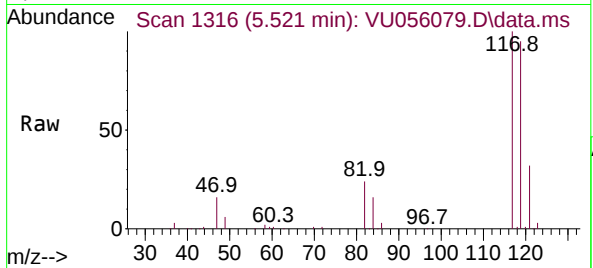




#31
Carbon tetrachloride
Concen: 4.951 ug/L
RT: 5.521 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VU056079.D
Acq: 03 Nov 2023 14:16

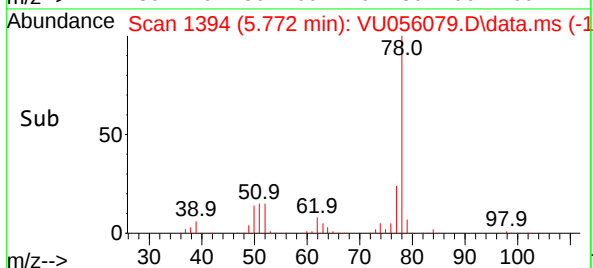
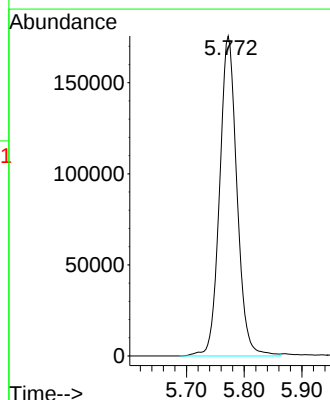
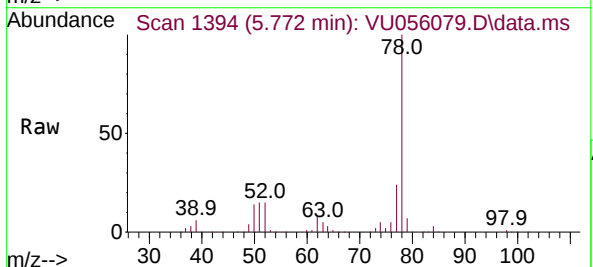
Instrument :
MSVOA_U
ClientSampleId :

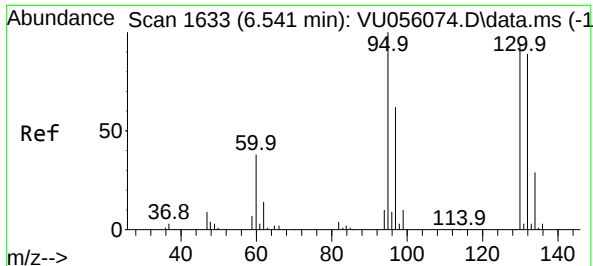
Tgt Ion:117 Resp: 131641
Ion Ratio Lower Upper
117 100
119 93.6 75.1 112.7



#33
Benzene
Concen: 4.862 ug/L
RT: 5.772 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VU056079.D
Acq: 03 Nov 2023 14:16

Tgt Ion: 78 Resp: 366944





#34

Trichloroethene

Concen: 4.697 ug/L

RT: 6.541 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU056079.D

Acq: 03 Nov 2023 14:16

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 99167

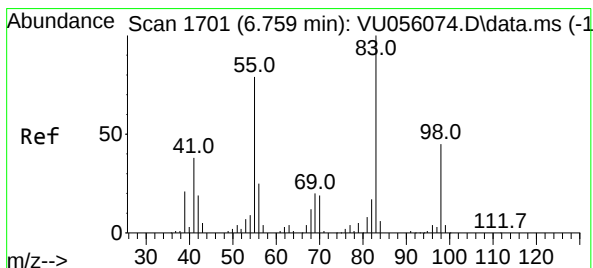
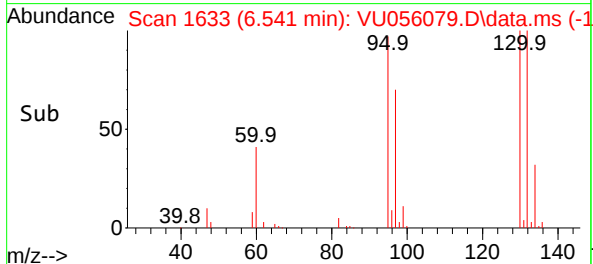
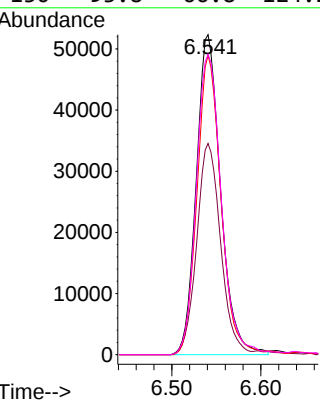
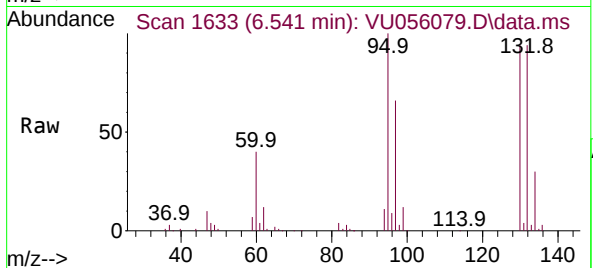
Ion Ratio Lower Upper

95 100

97 66.0 45.4 84.2

132 93.5 63.9 118.7

130 93.8 66.8 124.2



#35

Methylcyclohexane

Concen: 4.540 ug/L

RT: 6.759 min Scan# 1701

Delta R.T. -0.000 min

Lab File: VU056079.D

Acq: 03 Nov 2023 14:16

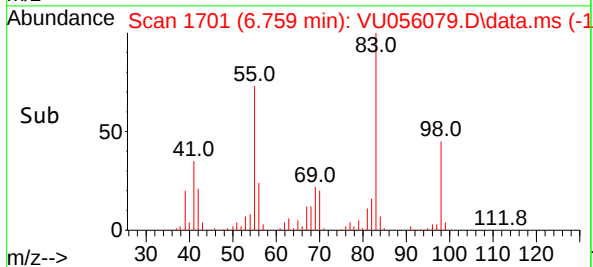
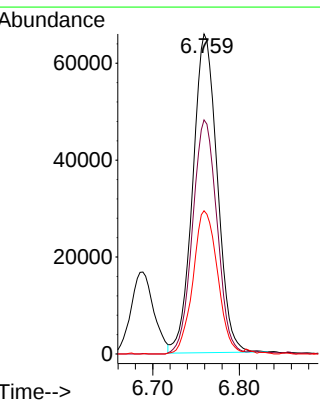
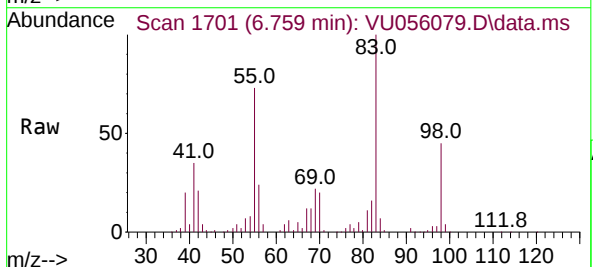
Tgt Ion: 83 Resp: 129385

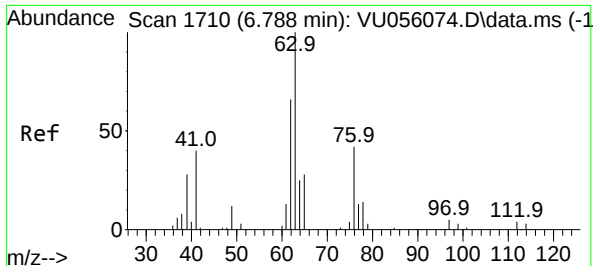
Ion Ratio Lower Upper

83 100

55 73.3 62.4 93.6

98 45.0 37.4 56.2





#37

1,2-Dichloropropane

Concen: 4.893 ug/L

RT: 6.788 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU056079.D

Acq: 03 Nov 2023 14:16

Instrument :

MSVOA_U

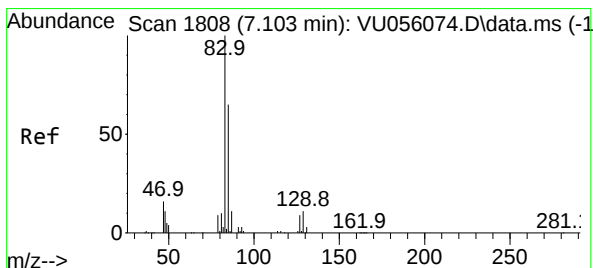
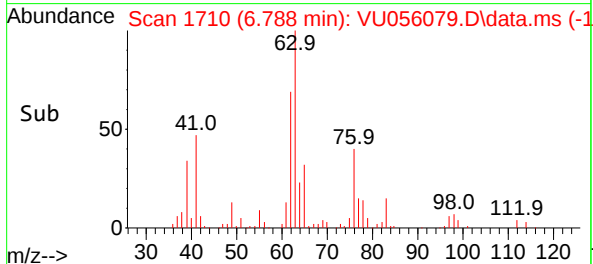
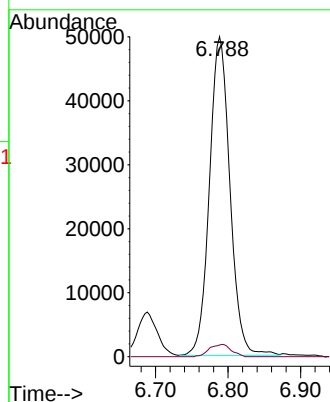
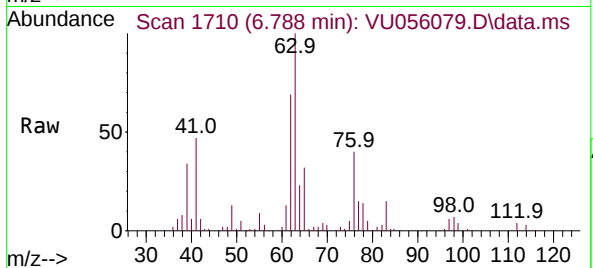
ClientSampleId :

Tgt Ion: 63 Resp: 98063

Ion Ratio Lower Upper

63 100

112 4.1 3.1 4.7



#38

Bromodichloromethane

Concen: 5.126 ug/L

RT: 7.103 min Scan# 1808

Delta R.T. -0.000 min

Lab File: VU056079.D

Acq: 03 Nov 2023 14:16

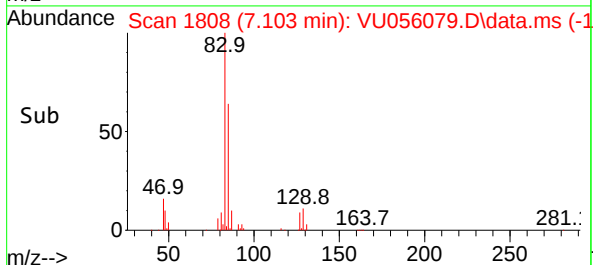
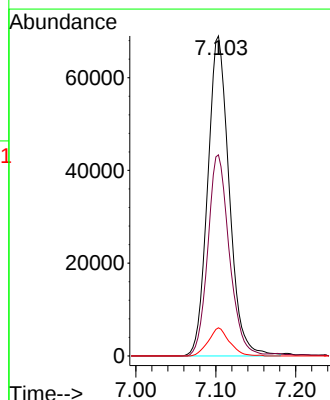
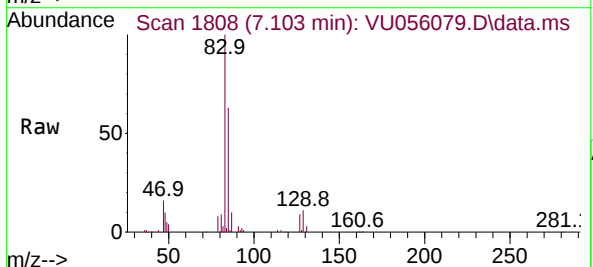
Tgt Ion: 83 Resp: 128958

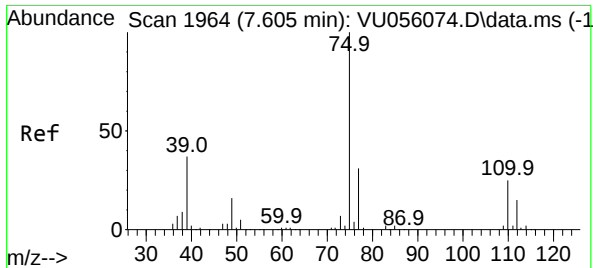
Ion Ratio Lower Upper

83 100

85 62.9 44.9 83.3

127 8.8 6.6 9.8

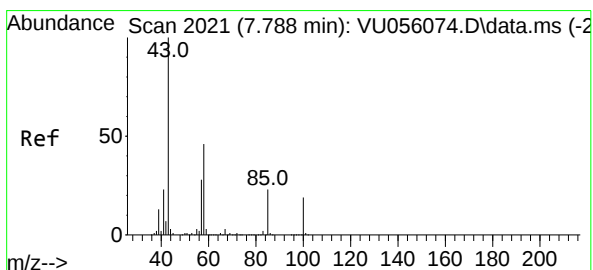
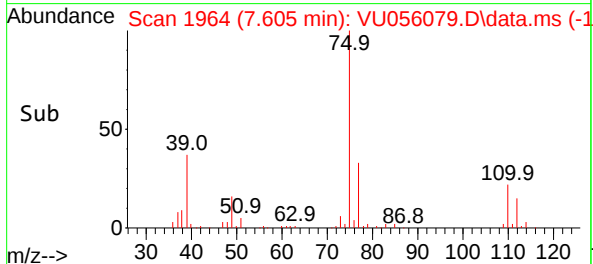
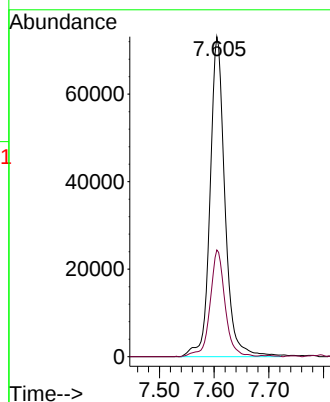
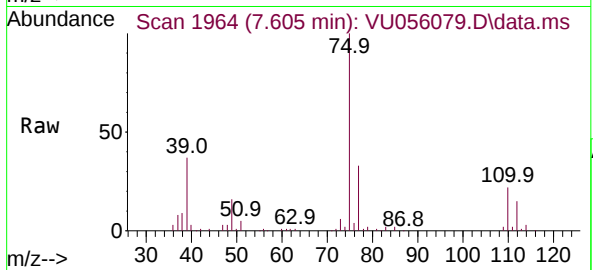




#39
cis-1,3-Dichloropropene
Concen: 4.846 ug/L
RT: 7.605 min Scan# 1964
Delta R.T. -0.000 min
Lab File: VU056079.D
Acq: 03 Nov 2023 14:16

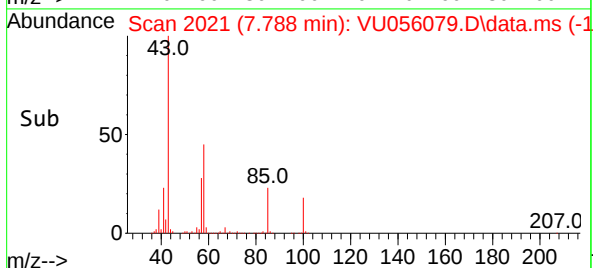
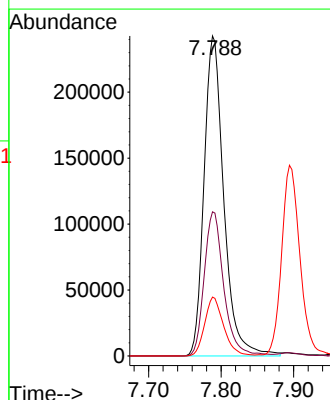
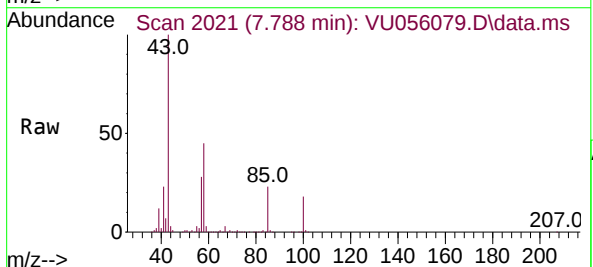
Instrument :
MSVOA_U
ClientSampleId :

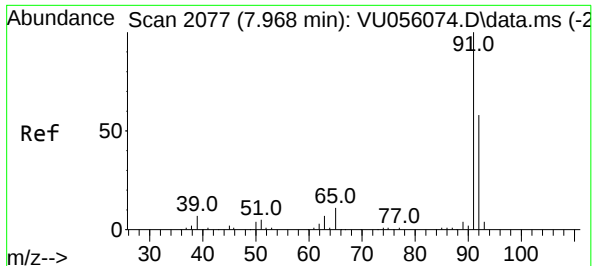
Tgt Ion: 75 Resp: 138344
Ion Ratio Lower Upper
75 100
77 33.4 21.7 40.3



#40
4-Methyl-2-pentanone
Concen: 47.543 ug/L
RT: 7.788 min Scan# 2021
Delta R.T. -0.000 min
Lab File: VU056079.D
Acq: 03 Nov 2023 14:16

Tgt Ion: 43 Resp: 459299
Ion Ratio Lower Upper
43 100
58 44.6 34.0 51.0
100 17.7 13.0 19.6





#42

Toluene

Concen: 5.016 ug/L

RT: 7.968 min Scan# 2077

Delta R.T. -0.000 min

Lab File: VU056079.D

Acq: 03 Nov 2023 14:16

Instrument :

MSVOA_U

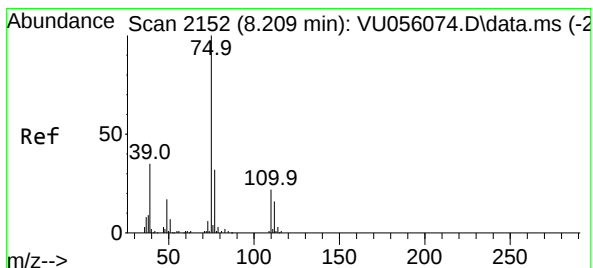
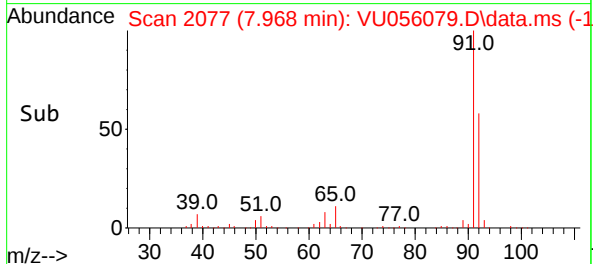
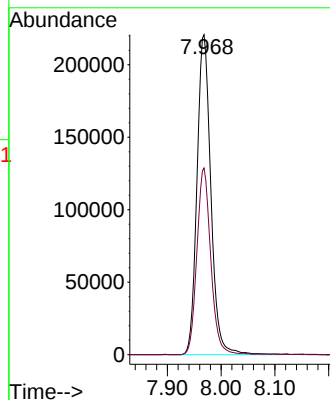
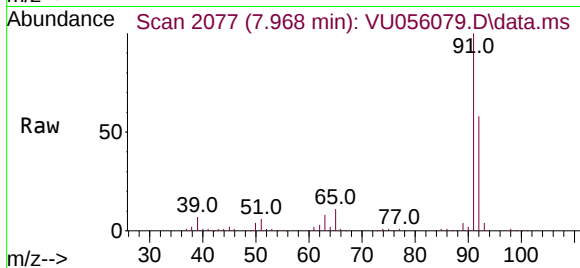
ClientSampleId :

Tgt Ion: 91 Resp: 395645

Ion Ratio Lower Upper

91 100

92 58.3 40.6 75.4



#44

trans-1,3-Dichloropropene

Concen: 4.885 ug/L

RT: 8.209 min Scan# 2152

Delta R.T. -0.000 min

Lab File: VU056079.D

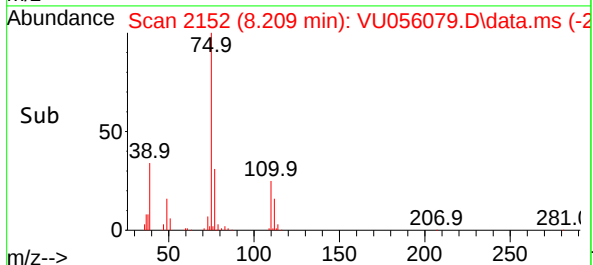
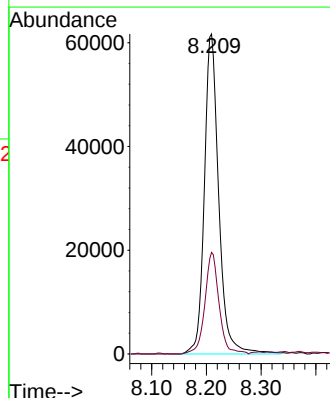
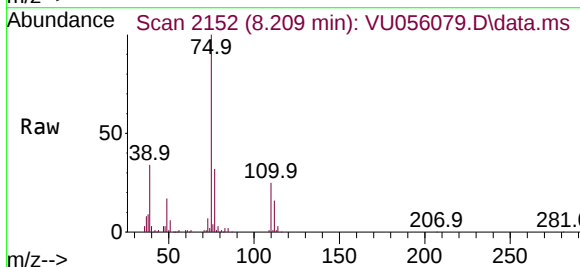
Acq: 03 Nov 2023 14:16

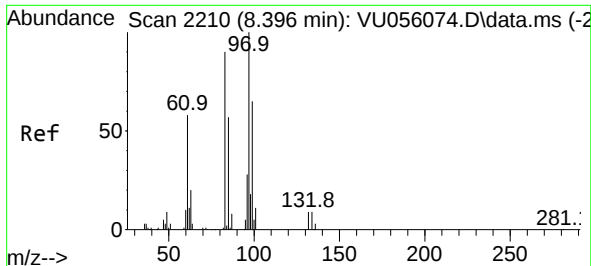
Tgt Ion: 75 Resp: 112579

Ion Ratio Lower Upper

75 100

77 31.7 21.7 40.3

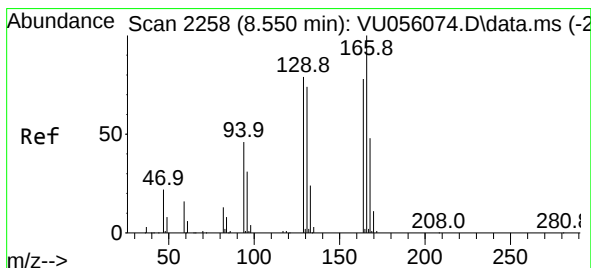
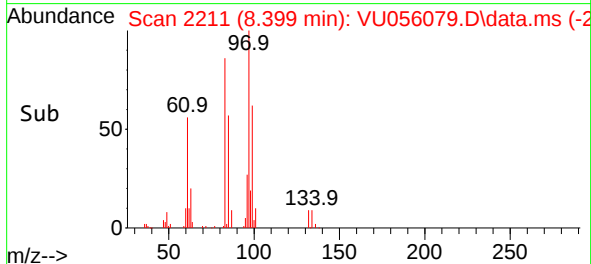
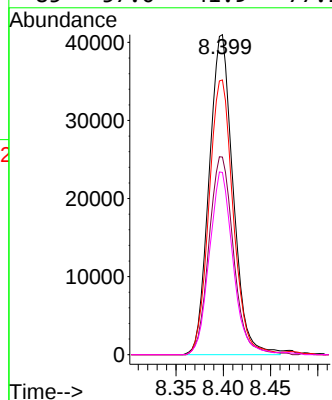
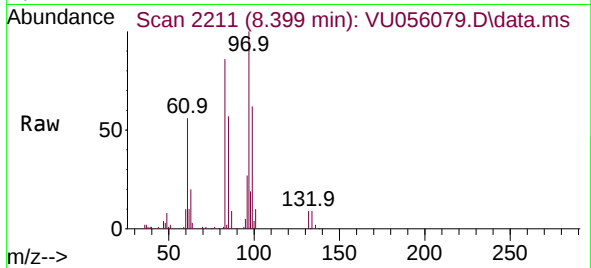




#45
1,1,2-Trichloroethane
Concen: 5.131 ug/L
RT: 8.399 min Scan# 211
Delta R.T. 0.003 min
Lab File: VU056079.D
Acq: 03 Nov 2023 14:16

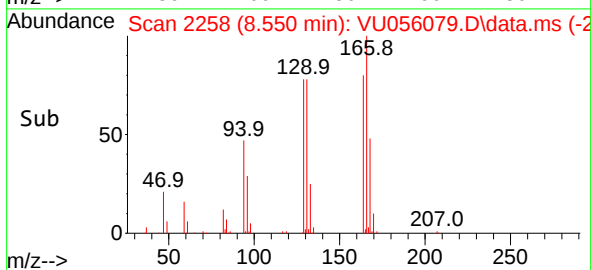
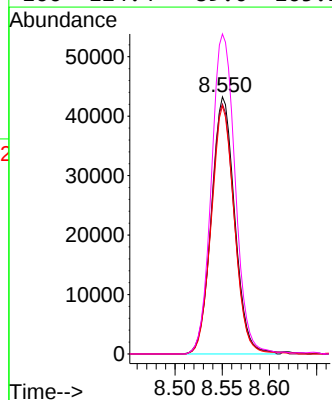
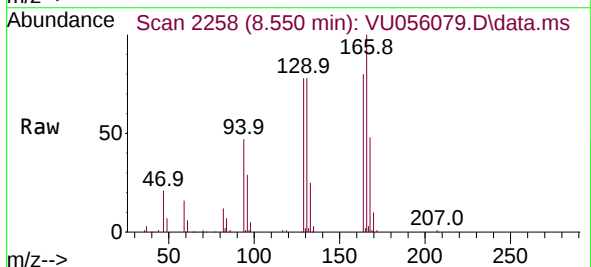
Instrument :
MSVOA_U
ClientSampleId :

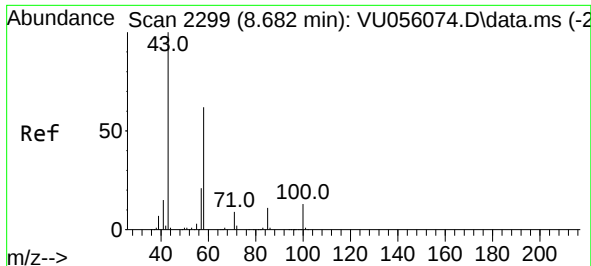
Tgt Ion: 97	Resp: 72304
Ion Ratio	Lower Upper
97 100	
99 61.7	45.3 84.1
83 85.9	61.9 115.1
85 57.0	41.9 77.9



#47
Tetrachloroethene
Concen: 5.004 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. -0.000 min
Lab File: VU056079.D
Acq: 03 Nov 2023 14:16

Tgt	Ion:164	Resp:	73989
Ion	Ratio	Lower	Upper
164	100		
129	97.2	72.2	134.0
131	96.5	70.8	131.6
166	124.4	89.0	165.2



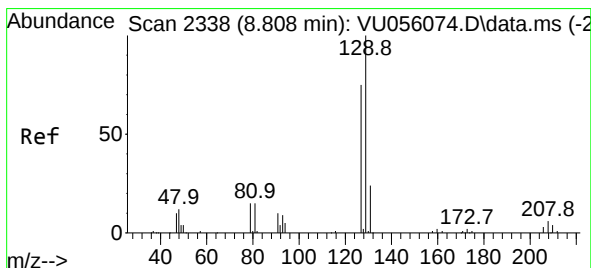
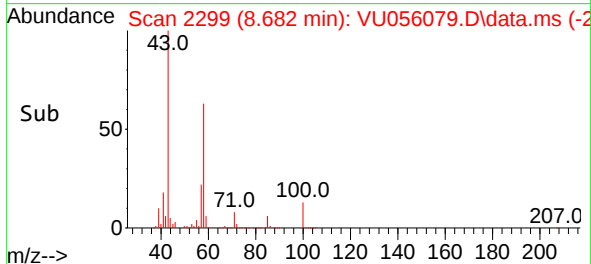
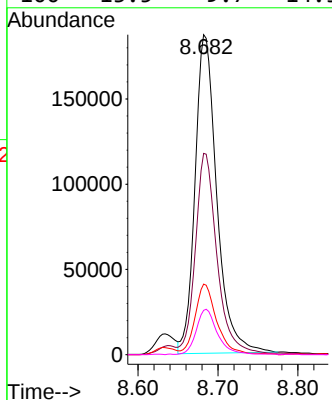
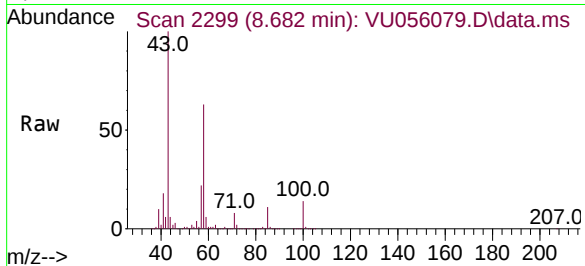


#48
2-Hexanone
Concen: 46.684 ug/L
RT: 8.682 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU056079.D
Acq: 03 Nov 2023 14:16

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 354608

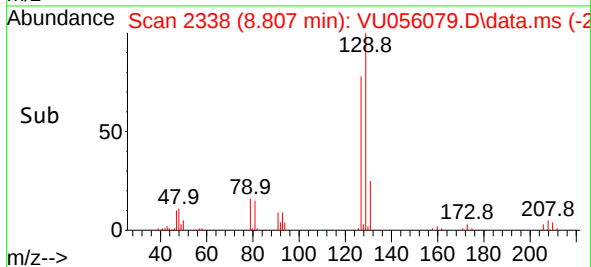
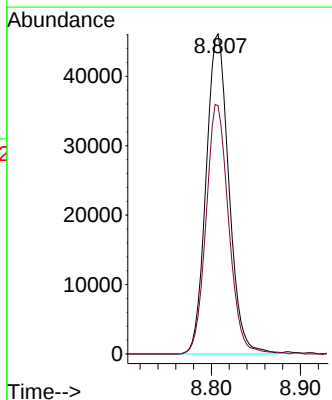
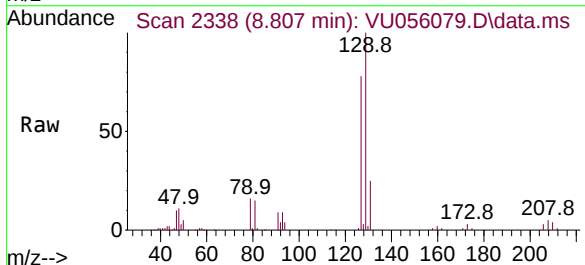
Ion	Ratio	Lower	Upper
43	100		
58	62.2	49.5	74.3
57	22.3	16.9	25.3
100	13.5	9.7	14.5

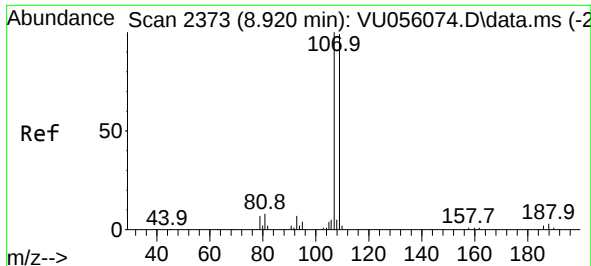


#49
Dibromochloromethane
Concen: 5.299 ug/L
RT: 8.807 min Scan# 2338
Delta R.T. -0.000 min
Lab File: VU056079.D
Acq: 03 Nov 2023 14:16

Tgt Ion: 129 Resp: 81975

Ion	Ratio	Lower	Upper
129	100		
127	77.6	53.5	99.5





#50

1,2-Dibromoethane

Concen: 5.026 ug/L

RT: 8.920 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU056079.D

Acq: 03 Nov 2023 14:16

Instrument :

MSVOA_U

ClientSampleId :

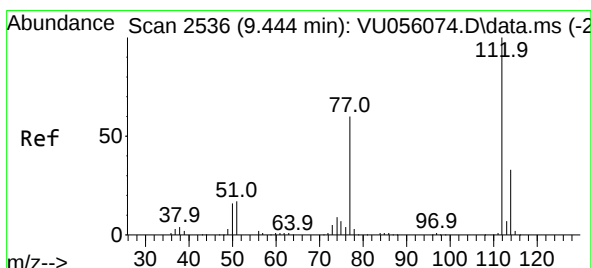
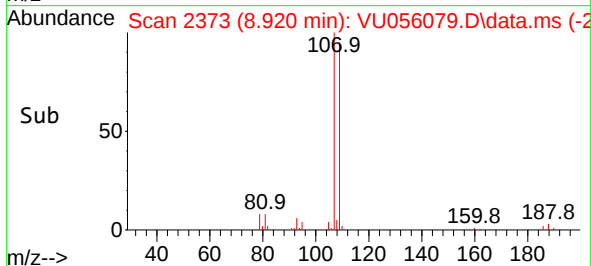
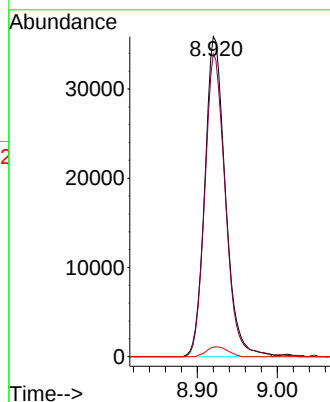
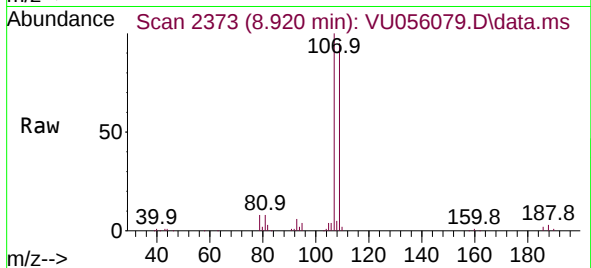
Tgt Ion:107 Resp: 64258

Ion Ratio Lower Upper

107 100

109 94.6 65.0 120.6

188 3.0 2.5 3.7



#51

Chlorobenzene

Concen: 4.947 ug/L

RT: 9.444 min Scan# 2536

Delta R.T. -0.000 min

Lab File: VU056079.D

Acq: 03 Nov 2023 14:16

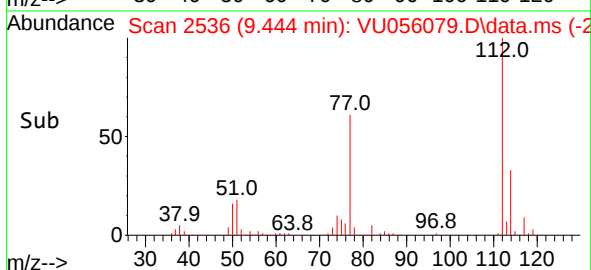
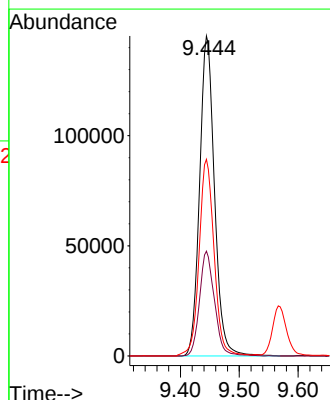
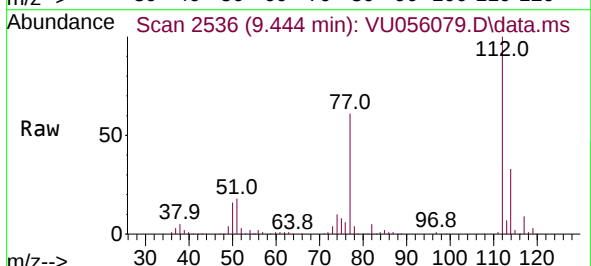
Tgt Ion:112 Resp: 255757

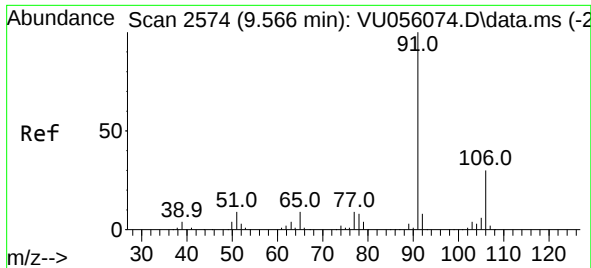
Ion Ratio Lower Upper

112 100

114 32.8 22.3 41.5

77 61.5 49.9 74.9

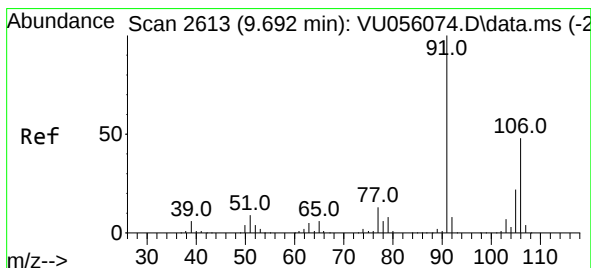
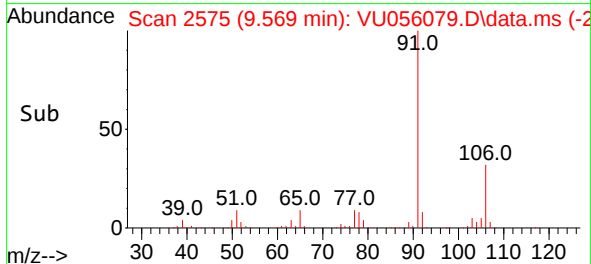
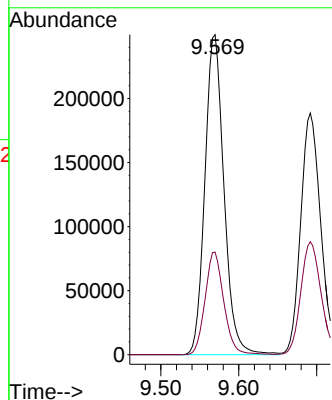
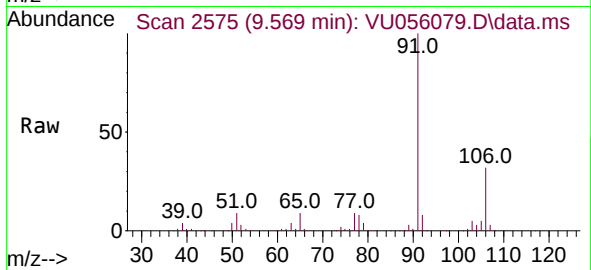




#52
Ethylbenzene
Concen: 4.761 ug/L
RT: 9.569 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU056079.D
Acq: 03 Nov 2023 14:16

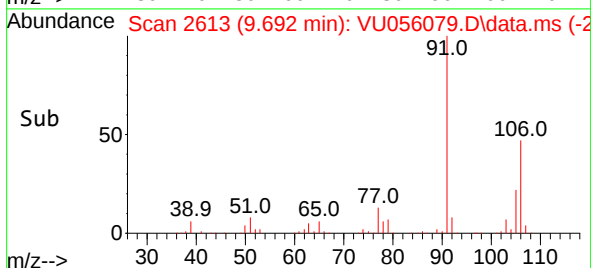
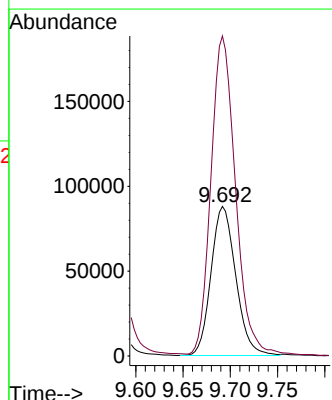
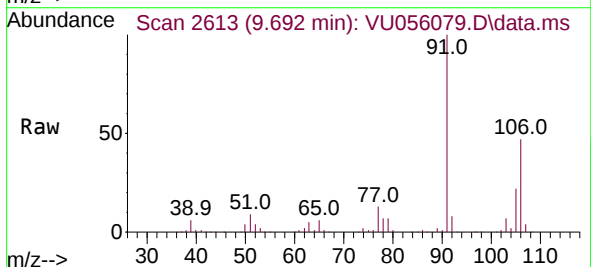
Instrument :
MSVOA_U
ClientSampleId :

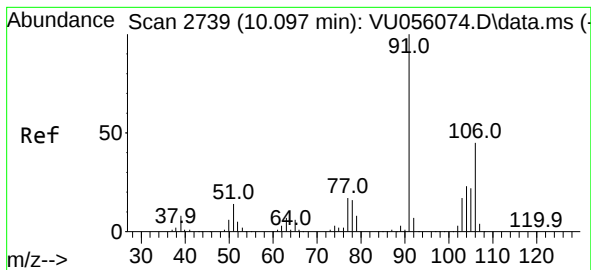
Tgt Ion: 91 Resp: 425686
Ion Ratio Lower Upper
91 100
106 32.1 21.3 39.5



#53
m,p-Xylene
Concen: 4.779 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. -0.000 min
Lab File: VU056079.D
Acq: 03 Nov 2023 14:16

Tgt Ion: 106 Resp: 159706
Ion Ratio Lower Upper
106 100
91 214.0 150.4 279.2





#54

o-Xylene

Concen: 4.810 ug/L

RT: 10.097 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU056079.D

Acq: 03 Nov 2023 14:16

Instrument :

MSVOA_U

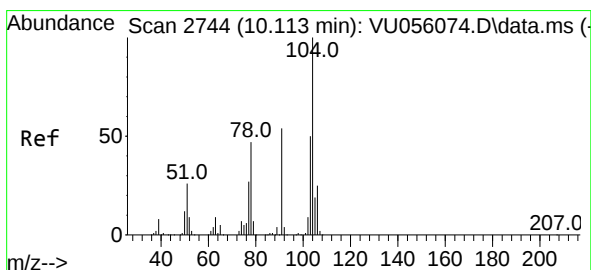
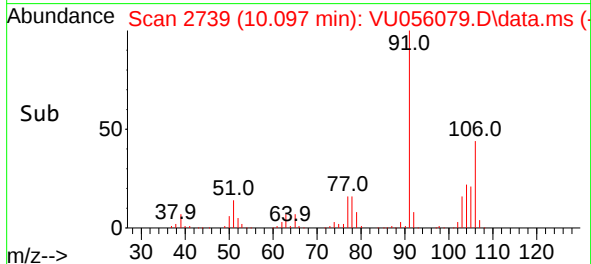
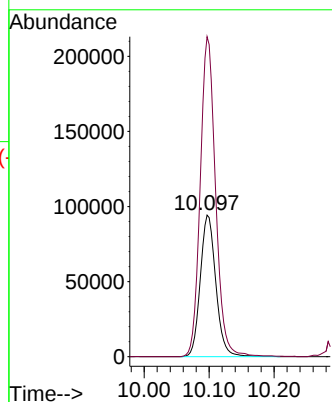
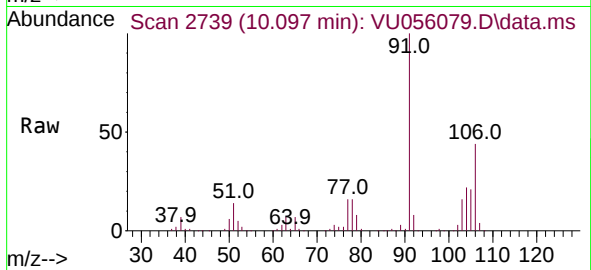
ClientSampleId :

Tgt Ion:106 Resp: 157272

Ion Ratio Lower Upper

106 100

91 226.0 154.6 287.2



#55

Styrene

Concen: 5.045 ug/L

RT: 10.113 min Scan# 2744

Delta R.T. -0.000 min

Lab File: VU056079.D

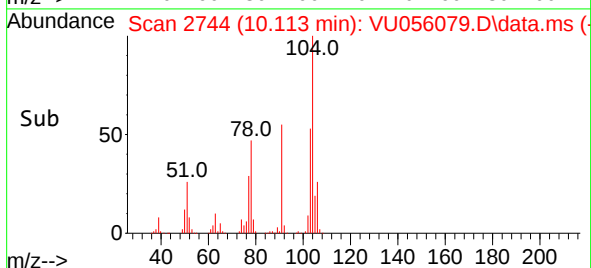
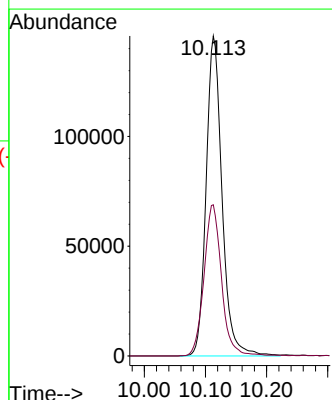
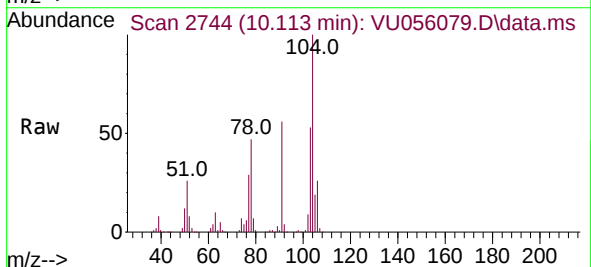
Acq: 03 Nov 2023 14:16

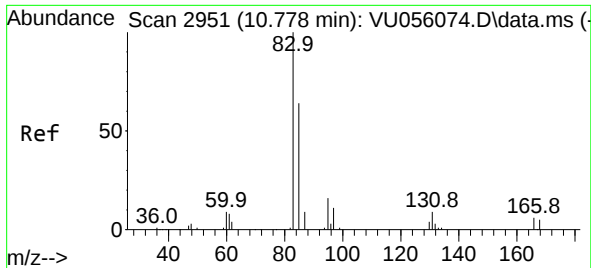
Tgt Ion:104 Resp: 264447

Ion Ratio Lower Upper

104 100

78 47.2 33.9 63.0

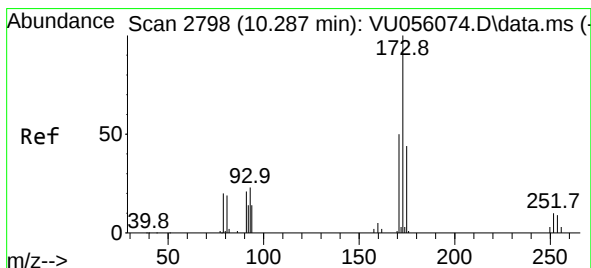
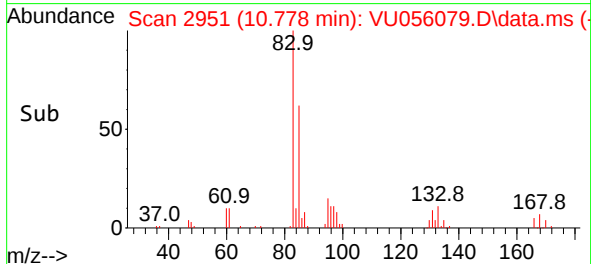
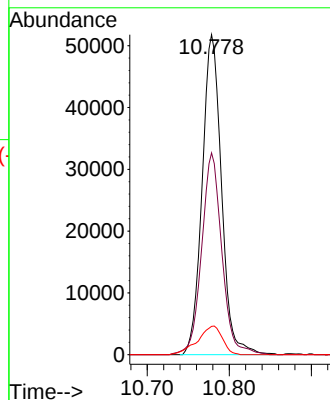
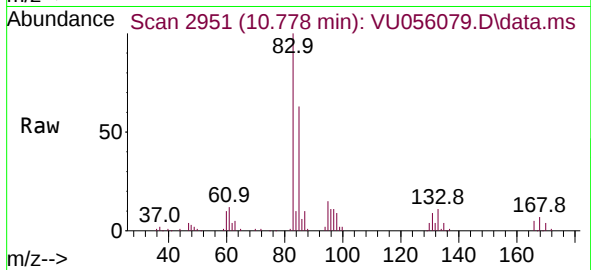




#57
1,1,2,2-Tetrachloroethane
Concen: 5.203 ug/L
RT: 10.778 min Scan# 2951
Delta R.T. -0.000 min
Lab File: VU056079.D
Acq: 03 Nov 2023 14:16

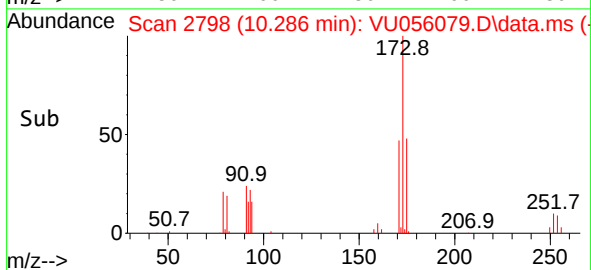
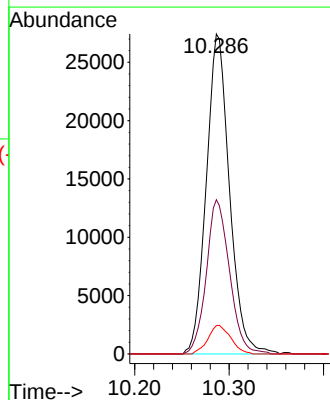
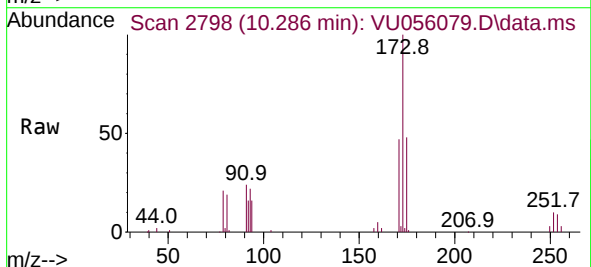
Instrument :
MSVOA_U
ClientSampleId :

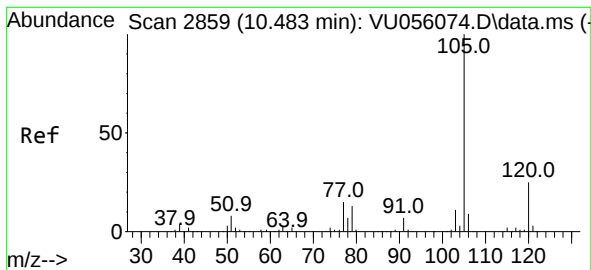
Tgt Ion: 83 Resp: 84866
Ion Ratio Lower Upper
83 100
85 63.1 46.2 85.8
131 8.9 7.2 10.8



#59
Bromoform
Concen: 5.537 ug/L
RT: 10.286 min Scan# 2798
Delta R.T. -0.000 min
Lab File: VU056079.D
Acq: 03 Nov 2023 14:16

Tgt Ion:173 Resp: 46733
Ion Ratio Lower Upper
173 100
175 48.2 37.8 56.6
254 8.8 7.4 11.0





#60

Isopropylbenzene

Concen: 5.164 ug/L

RT: 10.483 min Scan# 2859

Delta R.T. -0.000 min

Lab File: VU056079.D

Acq: 03 Nov 2023 14:16

Instrument :

MSVOA_U

ClientSampleId :

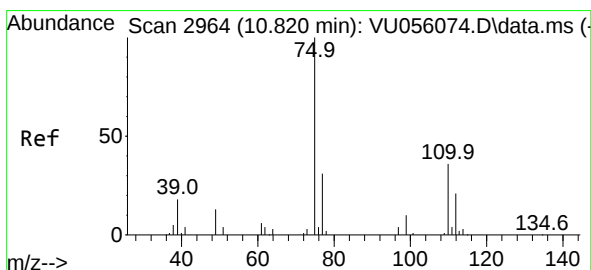
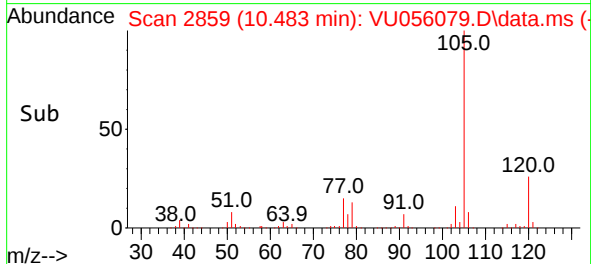
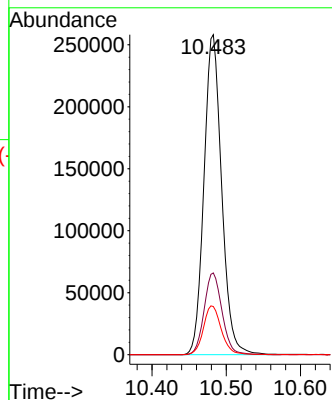
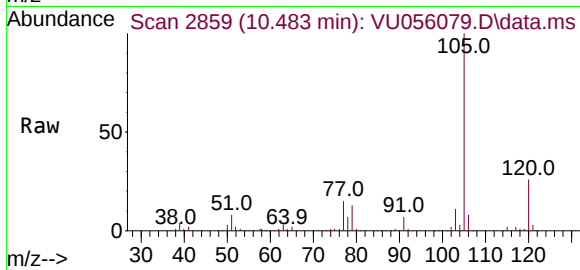
Tgt Ion:105 Resp: 426925

Ion Ratio Lower Upper

105 100

120 25.9 20.2 30.4

77 15.5 13.0 19.4



#61

1,2,3-Trichloropropane

Concen: 5.130 ug/L

RT: 10.820 min Scan# 2964

Delta R.T. -0.000 min

Lab File: VU056079.D

Acq: 03 Nov 2023 14:16

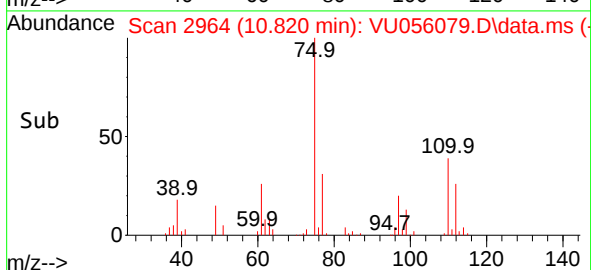
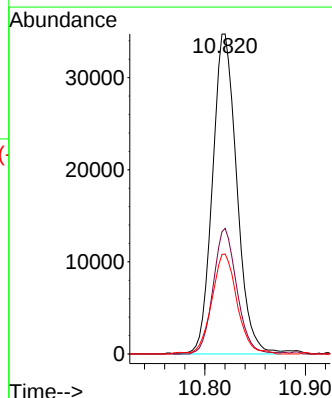
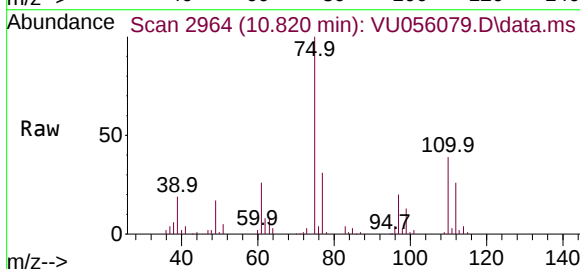
Tgt Ion: 75 Resp: 58431

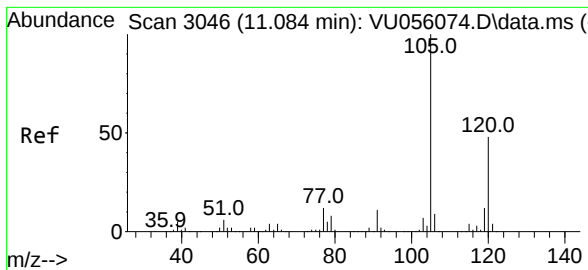
Ion Ratio Lower Upper

75 100

110 38.2 29.0 43.6

77 32.3 24.5 36.7

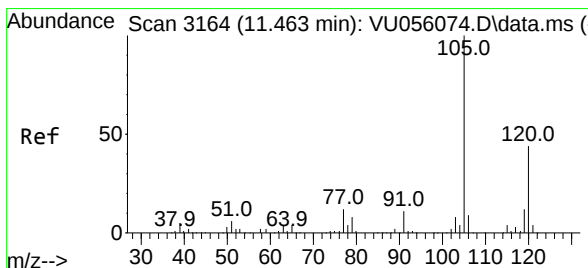
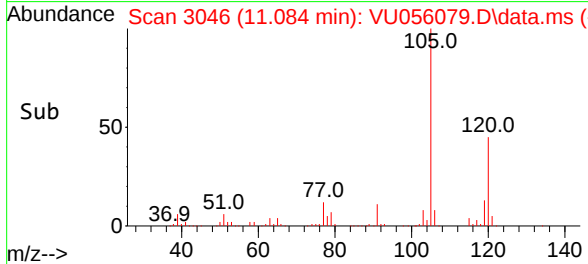
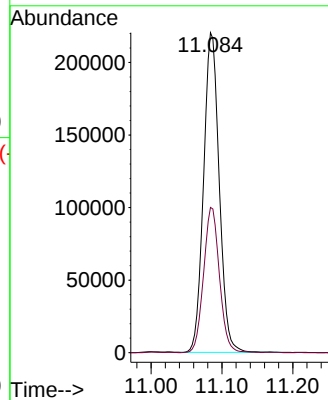
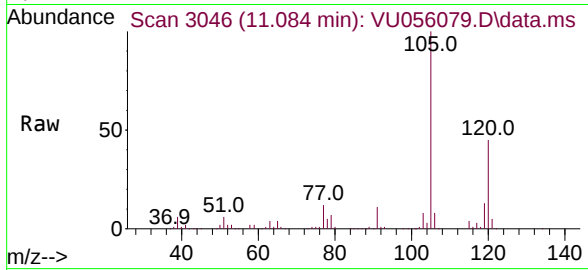




#62
 1,3,5-Trimethylbenzene
 Concen: 5.005 ug/L
 RT: 11.084 min Scan# 3046
 Delta R.T. -0.000 min
 Lab File: VU056079.D
 Acq: 03 Nov 2023 14:16

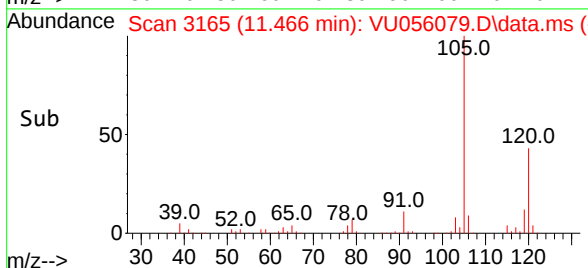
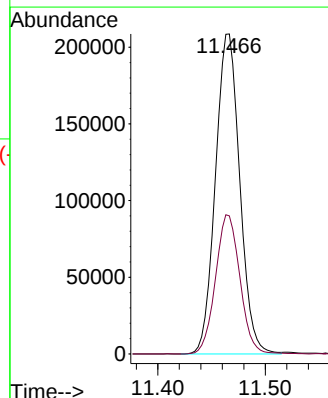
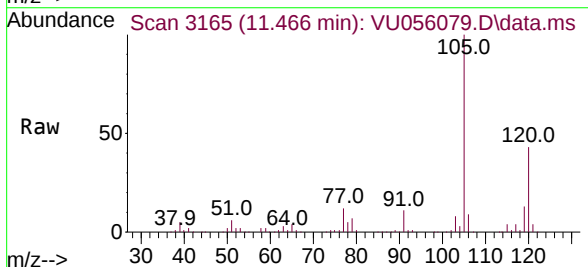
Instrument :
 MSVOA_U
 ClientSampleId :

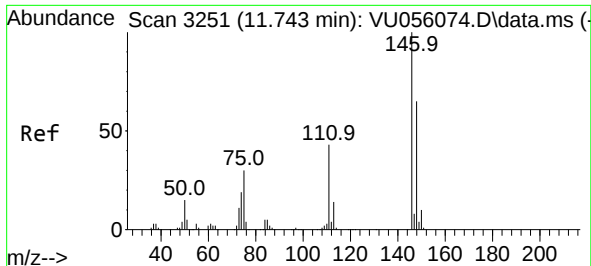
Tgt Ion:105 Resp: 338153
 Ion Ratio Lower Upper
 105 100
 120 46.0 37.4 56.2



#63
 1,2,4-Trimethylbenzene
 Concen: 5.224 ug/L
 RT: 11.466 min Scan# 3165
 Delta R.T. 0.003 min
 Lab File: VU056079.D
 Acq: 03 Nov 2023 14:16

Tgt Ion:105 Resp: 327911
 Ion Ratio Lower Upper
 105 100
 120 43.7 34.6 52.0

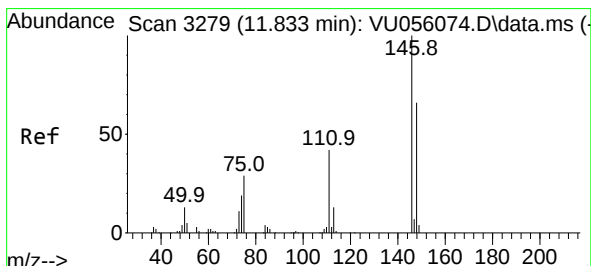
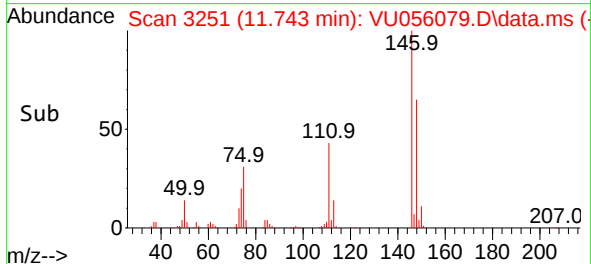
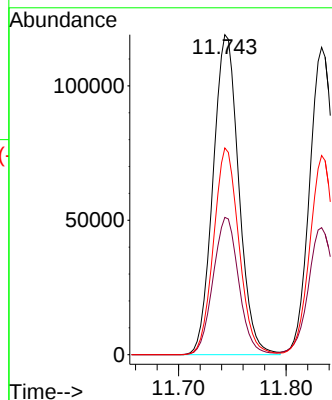
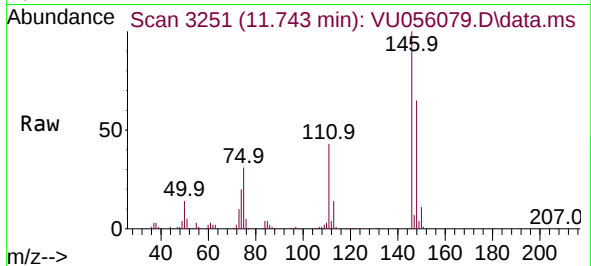




#64
1,3-Dichlorobenzene
Concen: 5.049 ug/L
RT: 11.743 min Scan# 3251
Delta R.T. -0.000 min
Lab File: VU056079.D
Acq: 03 Nov 2023 14:16

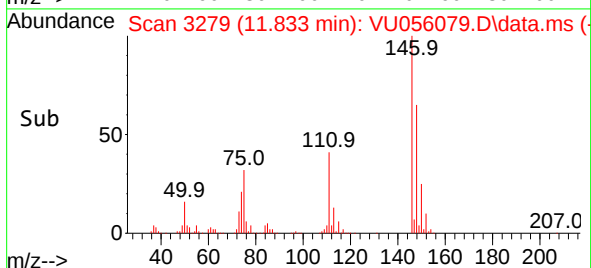
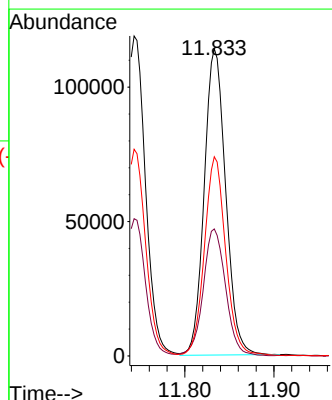
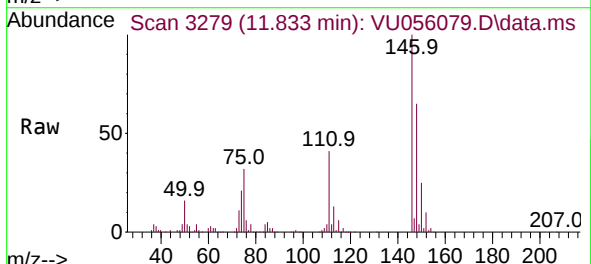
Instrument :
MSVOA_U
ClientSampleId :

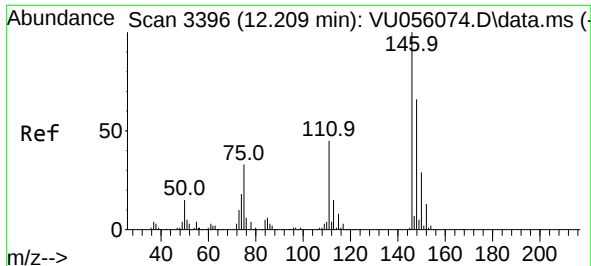
Tgt Ion:146 Resp: 197874
Ion Ratio Lower Upper
146 100
111 42.9 31.1 57.9
148 64.6 44.8 83.2



#65
1,4-Dichlorobenzene
Concen: 4.871 ug/L
RT: 11.833 min Scan# 3279
Delta R.T. -0.000 min
Lab File: VU056079.D
Acq: 03 Nov 2023 14:16

Tgt Ion:146 Resp: 190500
Ion Ratio Lower Upper
146 100
111 41.4 29.3 54.3
148 64.8 45.6 84.8





#67

1,2-Dichlorobenzene

Concen: 5.129 ug/L

RT: 12.209 min Scan# 3396

Delta R.T. -0.000 min

Lab File: VU056079.D

Acq: 03 Nov 2023 14:16

Instrument :

MSVOA_U

ClientSampleId :

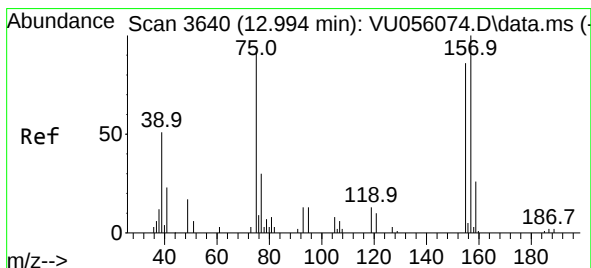
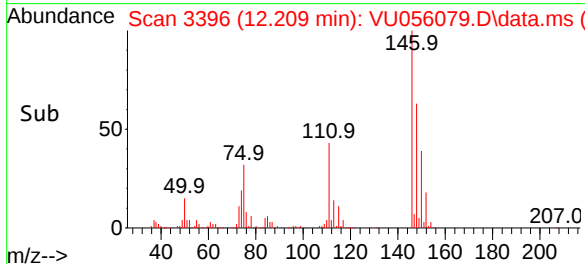
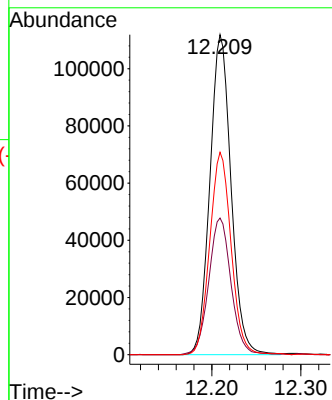
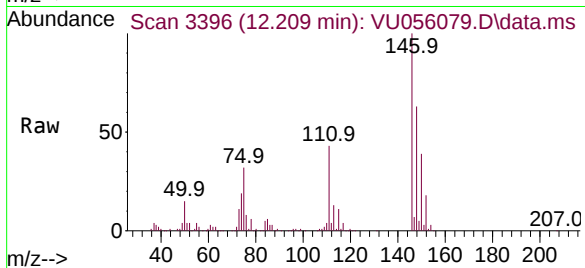
Tgt Ion:146 Resp: 184538

Ion Ratio Lower Upper

146 100

111 42.7 36.7 55.1

148 63.2 51.0 76.4



#68

1,2-Dibromo-3-chloropropane

Concen: 5.473 ug/L

RT: 12.994 min Scan# 3640

Delta R.T. -0.000 min

Lab File: VU056079.D

Acq: 03 Nov 2023 14:16

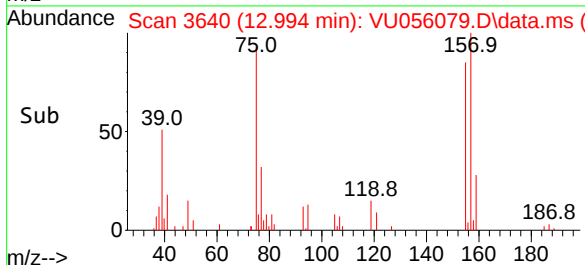
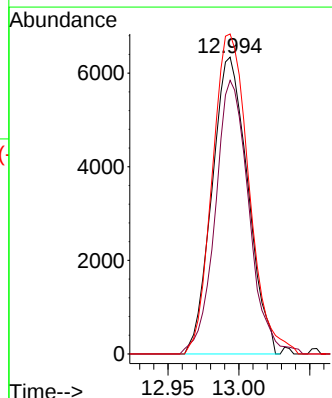
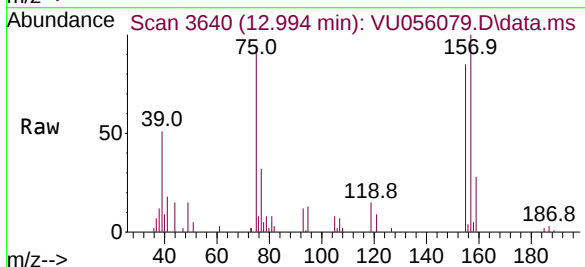
Tgt Ion: 75 Resp: 11124

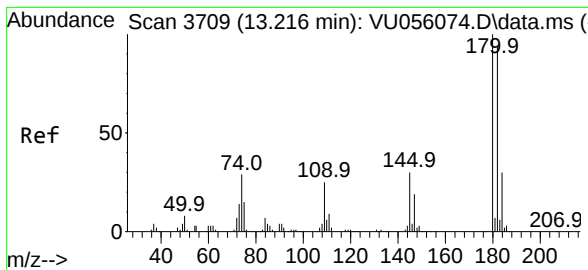
Ion Ratio Lower Upper

75 100

155 92.2 65.3 97.9

157 107.8 87.9 131.9

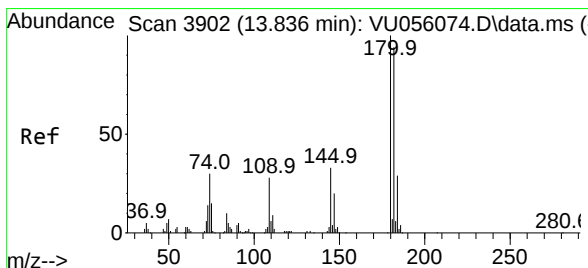
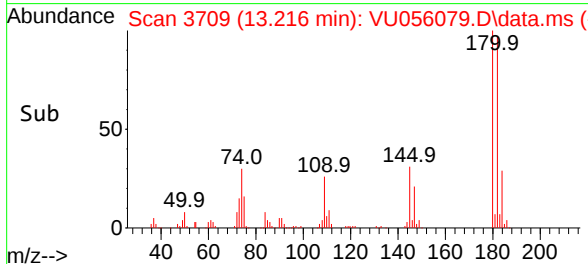
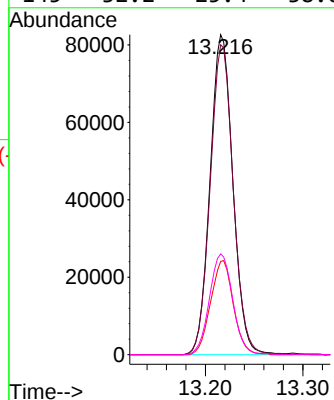
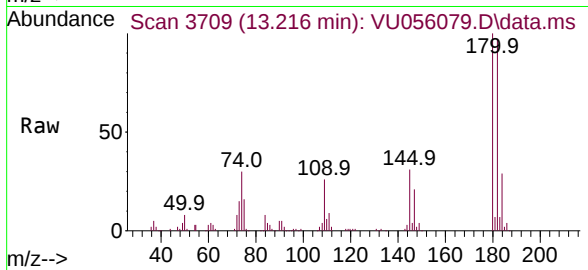




#69
 1,3,5-Trichlorobenzene
 Concen: 5.007 ug/L
 RT: 13.216 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU056079.D
 Acq: 03 Nov 2023 14:16

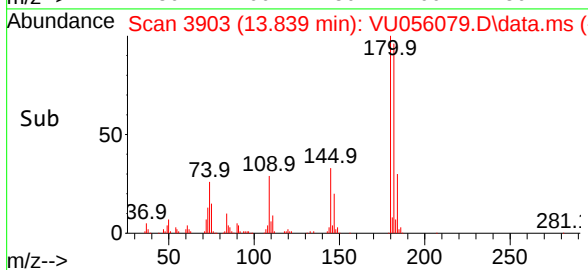
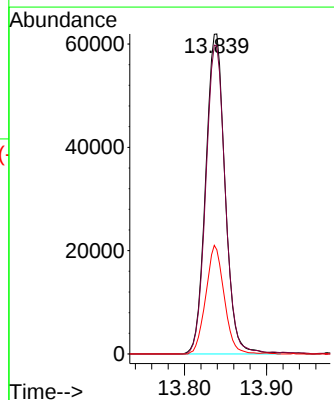
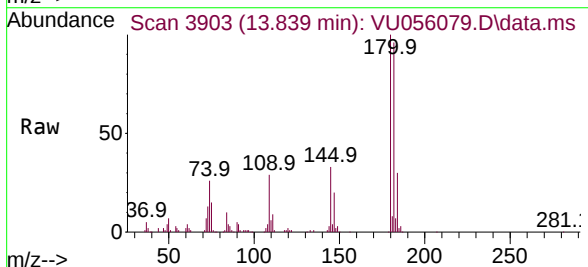
Instrument :
 MSVOA_U
 ClientSampleId :

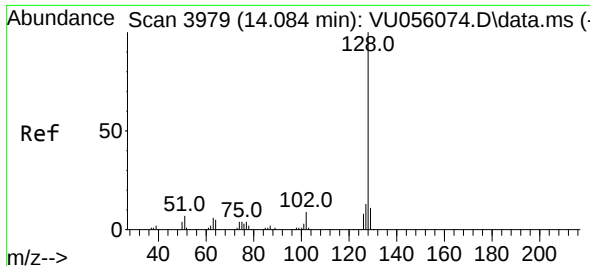
Tgt Ion:180	Resp:	134096
Ion Ratio	Lower	Upper
180	100	
182	97.7	74.7 112.1
184	29.4	23.8 35.8
145	32.2	25.4 38.0



#70
 1,2,4-trichlorobenzene
 Concen: 5.126 ug/L
 RT: 13.839 min Scan# 3903
 Delta R.T. 0.003 min
 Lab File: VU056079.D
 Acq: 03 Nov 2023 14:16

Tgt Ion:180	Resp:	101457
Ion Ratio	Lower	Upper
180	100	
182	96.9	76.1 114.1
145	32.2	26.4 39.6

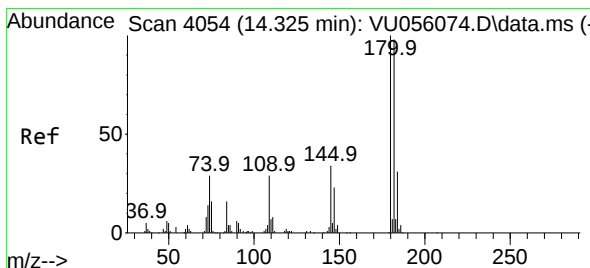
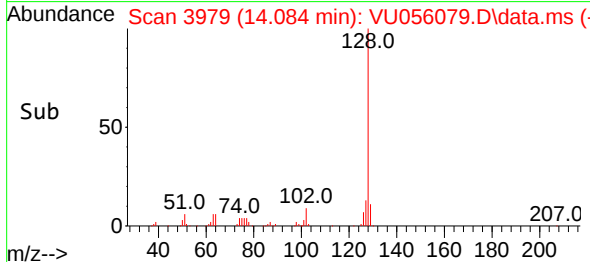
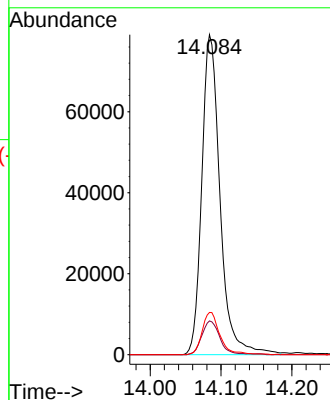
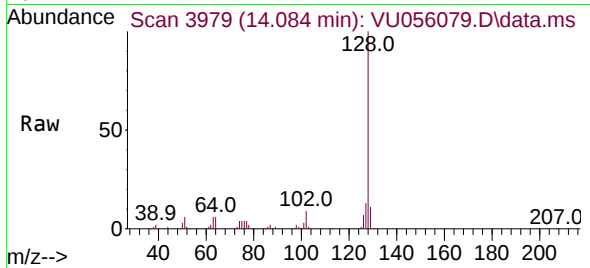




#71
Naphthalene
Concen: 4.929 ug/L
RT: 14.084 min Scan# 3979
Delta R.T. -0.000 min
Lab File: VU056079.D
Acq: 03 Nov 2023 14:16

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 141290
Ion Ratio Lower Upper
128 100
129 10.4 8.3 12.5
127 12.9 10.0 15.0



#72
1,2,3-Trichlorobenzene
Concen: 5.035 ug/L
RT: 14.328 min Scan# 4055
Delta R.T. 0.003 min
Lab File: VU056079.D
Acq: 03 Nov 2023 14:16

Tgt Ion:180 Resp: 85918
Ion Ratio Lower Upper
180 100
182 96.1 74.6 112.0
145 35.1 27.4 41.2

