

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110623\
 Data File : VU056081.D
 Acq On : 06 Nov 2023 10:28
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 07 04:02:56 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	328234	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	317138	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	156920	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	93583	3.604	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.000%
7) Chloroethane-d5	1.914	69	81348	4.019	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.400%
11) 1,1-Dichloroethene-d2	2.566	65	42446	3.851	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.000%
20) 2-Butanone-d5	4.634	46	245567	53.014	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.020%
24) Chloroform-d	5.062	84	217363	4.518	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.400%
26) 1,2-Dichloroethane-d4	5.698	65	99907	4.262	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.200%
32) Benzene-d6	5.727	84	421780	4.465	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.200%
36) 1,2-Dichloropropane-d6	6.688	67	129616	4.628	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.600%
41) Toluene-d8	7.897	98	378040	4.411	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.200%
43) trans-1,3-Dichloroprop...	8.180	79	49480	4.518	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.400%
46) 2-Hexanone-d5	8.634	63	193894	69.737	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	139.480%#
56) 1,1,2,2-Tetrachloroeth...	10.753	84	98808	4.845	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.800%
66) 1,2-Dichlorobenzene-d4	12.190	152	132312	4.519	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.386	85	77603	4.148	ug/L	99
3) Chloromethane	1.518	50	68934	3.859	ug/L	97
5) Vinyl chloride	1.605	62	78821	4.007	ug/L	95
6) Bromomethane	1.859	94	49154	4.033	ug/L	98
8) Chloroethane	1.936	64	49187	4.267	ug/L	99
9) Trichlorofluoromethane	2.139	101	123589	4.554	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	88547	4.968	ug/L	99
12) 1,1-Dichloroethene	2.579	96	73196	4.601	ug/L	91
13) Acetone	2.647	43	122753	46.504	ug/L	95
14) Carbon disulfide	2.795	76	161180	3.957	ug/L	99
15) Methyl Acetate	2.959	43	26010	4.837	ug/L	97
16) Methylene chloride	3.046	84	86669	4.808	ug/L	98
17) Methyl tert-butyl Ether	3.361	73	185436	4.803	ug/L	99
18) trans-1,2-Dichloroethene	3.354	96	74183	4.703	ug/L	98
19) 1,1-Dichloroethane	3.869	63	156325	4.881	ug/L	99
21) 2-Butanone	4.717	43	180874	46.614	ug/L	95
22) cis-1,2-Dichloroethene	4.663	96	91544	4.793	ug/L	88
23) Bromochloromethane	4.971	128	39097	5.025	ug/L	97
25) Chloroform	5.084	83	170545	4.966	ug/L	99

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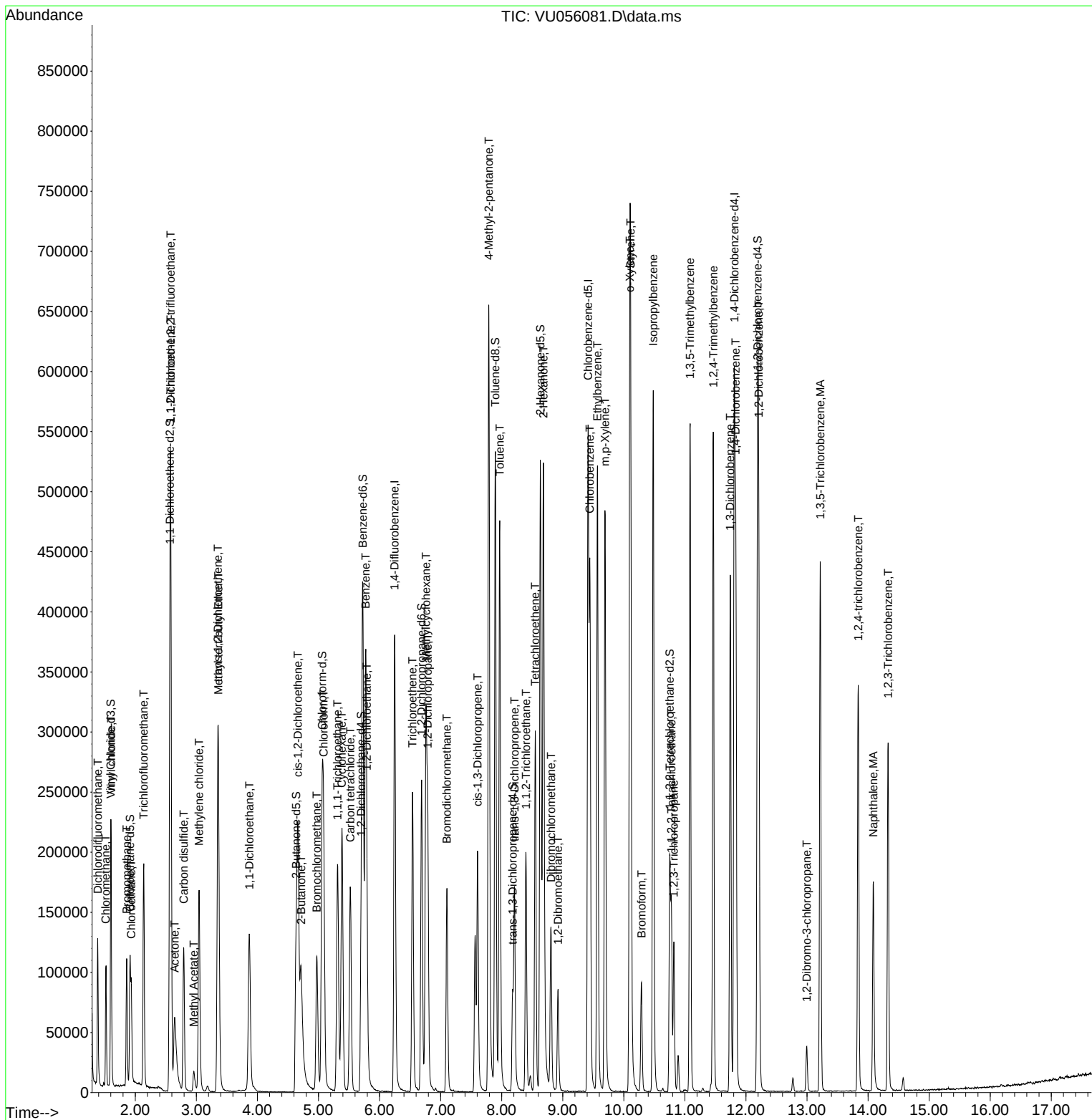
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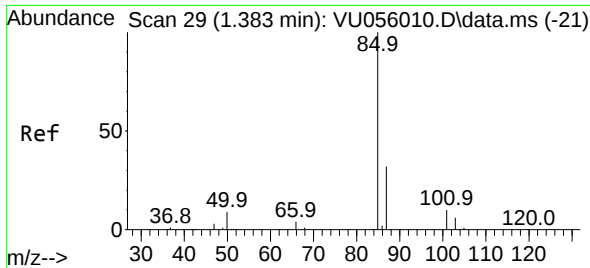
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.791	62	92079	4.564	ug/L	96
29) 1,1,1-Trichloroethane	5.312	97	143313	4.958	ug/L	98
30) Cyclohexane	5.383	56	107309	4.400	ug/L	99
31) Carbon tetrachloride	5.521	117	120395	4.883	ug/L	96
33) Benzene	5.772	78	335201	4.790	ug/L	100
34) Trichloroethene	6.541	95	90613	4.628	ug/L	99
35) Methylcyclohexane	6.762	83	120094	4.545	ug/L	98
37) 1,2-Dichloropropane	6.788	63	91326	4.915	ug/L	99
38) Bromodichloromethane	7.103	83	116478	4.993	ug/L	99
39) cis-1,3-Dichloropropene	7.605	75	125909	4.756	ug/L	98
40) 4-Methyl-2-pentanone	7.788	43	426083	47.565	ug/L	97
42) Toluene	7.968	91	361446	4.942	ug/L	97
44) trans-1,3-Dichloropropene	8.209	75	104766	4.902	ug/L	99
45) 1,1,2-Trichloroethane	8.399	97	66258	5.071	ug/L	97
47) Tetrachloroethene	8.550	164	66709	4.866	ug/L	96
48) 2-Hexanone	8.685	43	336947	47.839	ug/L	97
49) Dibromochloromethane	8.807	129	75627	5.273	ug/L	99
50) 1,2-Dibromoethane	8.923	107	59027	4.979	ug/L	97
51) Chlorobenzene	9.444	112	237959	4.964	ug/L	99
52) Ethylbenzene	9.569	91	395553	4.771	ug/L	100
53) m,p-Xylene	9.692	106	149763	4.833	ug/L	98
54) o-Xylene	10.100	106	147116	4.852	ug/L	99
55) Styrene	10.113	104	245168	5.044	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.778	83	79758	5.273	ug/L	95
59) Bromoform	10.290	173	43658	5.469	ug/L	99
60) Isopropylbenzene	10.483	105	402626	5.149	ug/L	99
61) 1,2,3-Trichloropropane	10.820	75	53255	4.943	ug/L	95
62) 1,3,5-Trimethylbenzene	11.087	105	321348	5.029	ug/L	99
63) 1,2,4-Trimethylbenzene	11.466	105	315792	5.319	ug/L	98
64) 1,3-Dichlorobenzene	11.743	146	187030	5.046	ug/L	98
65) 1,4-Dichlorobenzene	11.833	146	179731	4.858	ug/L	97
67) 1,2-Dichlorobenzene	12.209	146	176448	5.185	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.994	75	10833	5.635	ug/L	98
69) 1,3,5-Trichlorobenzene	13.219	180	143091	5.649	ug/L	100
70) 1,2,4-trichlorobenzene	13.839	180	105917	5.657	ug/L	99
71) Naphthalene	14.087	128	151071	5.572	ug/L	99
72) 1,2,3-Trichlorobenzene	14.328	180	91143	5.646	ug/L	99

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

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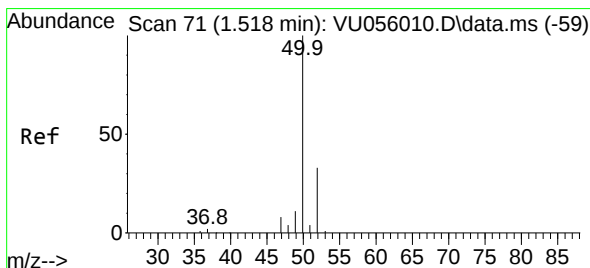
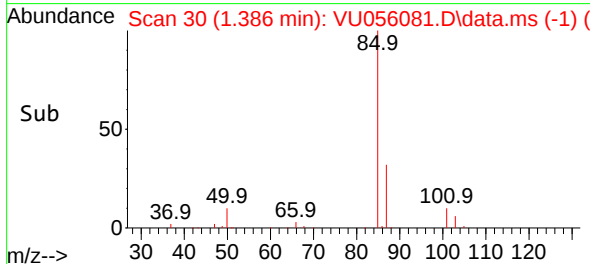
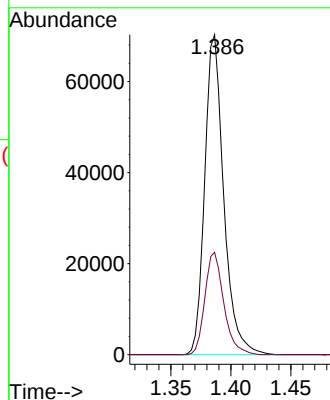
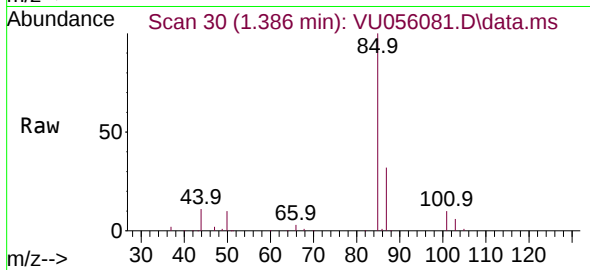




#2
 Dichlorodifluoromethane
 Concen: 4.148 ug/L
 RT: 1.386 min Scan# 30
 Delta R.T. -0.000 min
 Lab File: VU056081.D
 Acq: 06 Nov 2023 10:28

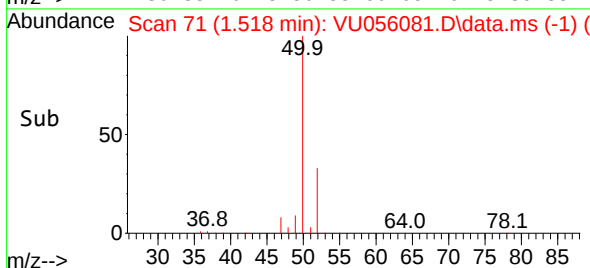
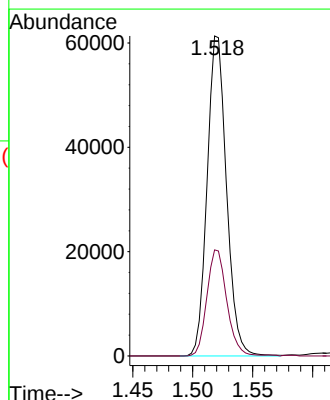
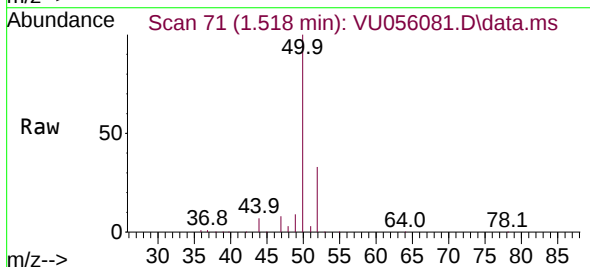
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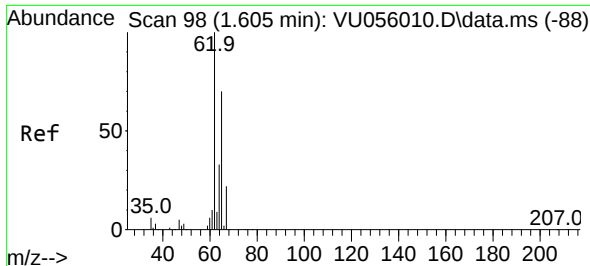
Tgt Ion: 85 Resp: 77603
 Ion Ratio Lower Upper
 85 100
 87 31.8 25.0 37.4



#3
 Chloromethane
 Concen: 3.859 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. -0.003 min
 Lab File: VU056081.D
 Acq: 06 Nov 2023 10:28

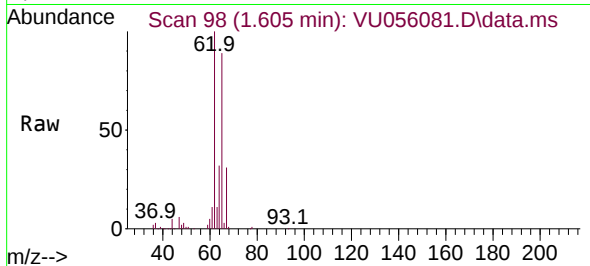
Tgt Ion: 50 Resp: 68934
 Ion Ratio Lower Upper
 50 100
 52 33.2 22.0 40.8



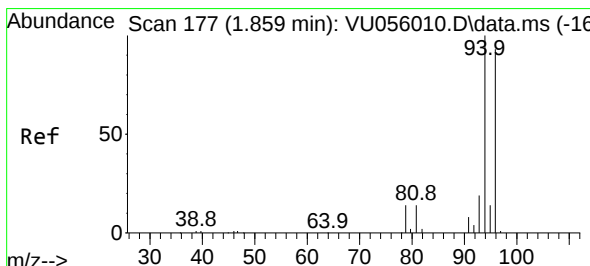
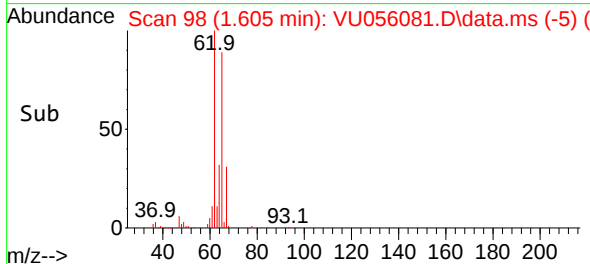
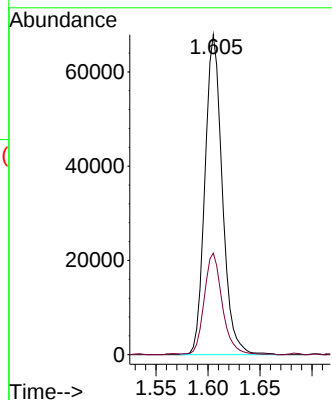


#5
 Vinyl chloride
 Concen: 4.007 ug/L
 RT: 1.605 min Scan# 98
 Delta R.T. -0.000 min
 Lab File: VU056081.D
 Acq: 06 Nov 2023 10:28

Instrument :
 MSVOA_U
 ClientSampleId :

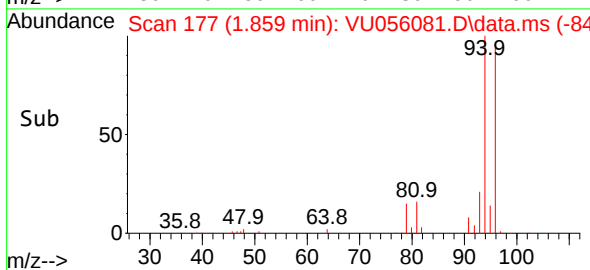
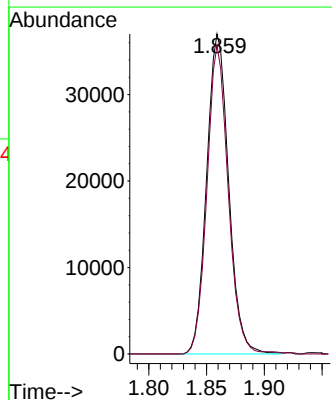
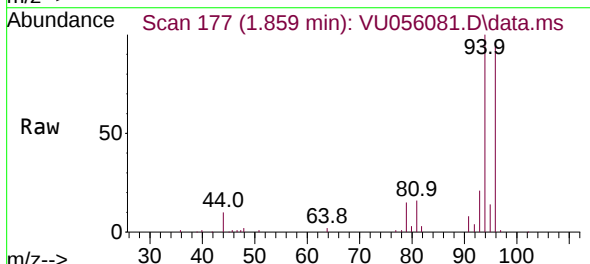


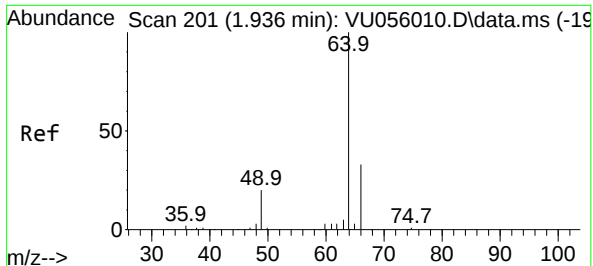
Tgt Ion: 62 Resp: 78821
 Ion Ratio Lower Upper
 62 100
 64 31.7 24.2 45.0



#6
 Bromomethane
 Concen: 4.033 ug/L
 RT: 1.859 min Scan# 177
 Delta R.T. -0.000 min
 Lab File: VU056081.D
 Acq: 06 Nov 2023 10:28

Tgt Ion: 94 Resp: 49154
 Ion Ratio Lower Upper
 94 100
 96 96.4 65.9 122.5

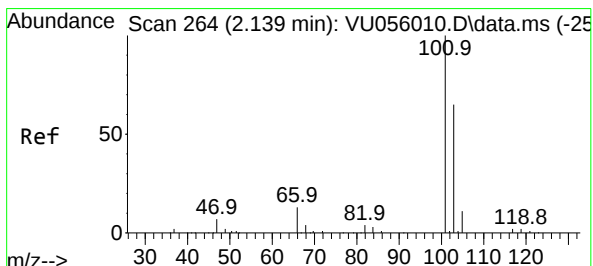
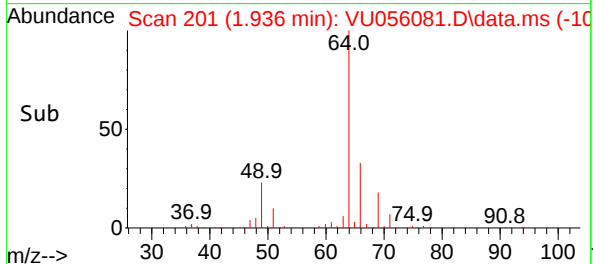
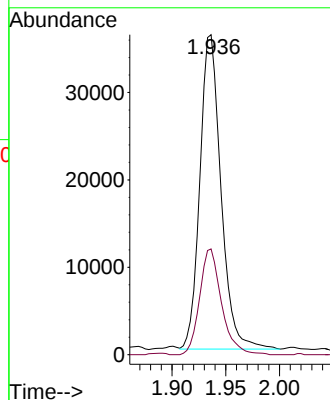
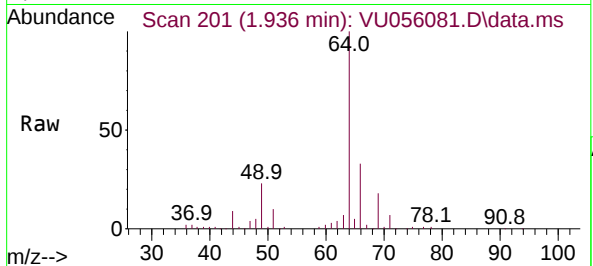




#8
Chloroethane
Concen: 4.267 ug/L
RT: 1.936 min Scan# 201
Delta R.T. -0.000 min
Lab File: VU056081.D
Acq: 06 Nov 2023 10:28

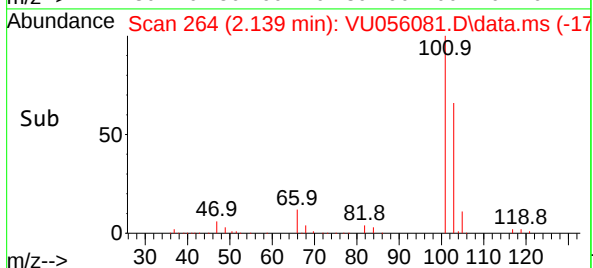
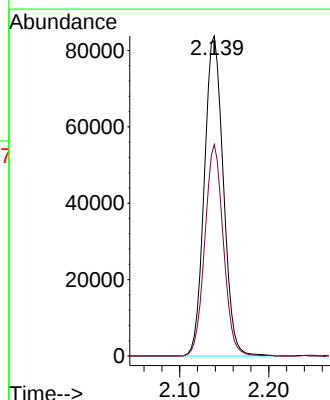
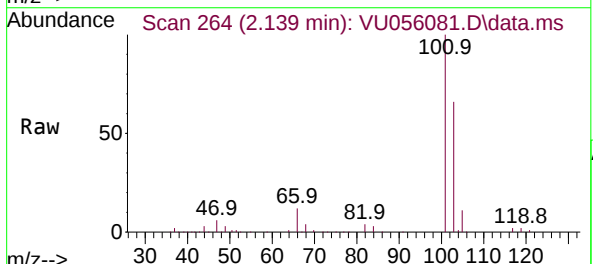
Instrument :
MSVOA_U
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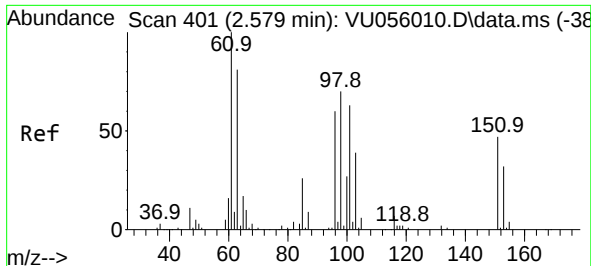
Tgt Ion: 64 Resp: 49187
Ion Ratio Lower Upper
64 100
66 33.1 22.7 42.1



#9
Trichlorofluoromethane
Concen: 4.554 ug/L
RT: 2.139 min Scan# 264
Delta R.T. -0.000 min
Lab File: VU056081.D
Acq: 06 Nov 2023 10:28

Tgt Ion:101 Resp: 123589
Ion Ratio Lower Upper
101 100
103 64.6 52.2 78.2

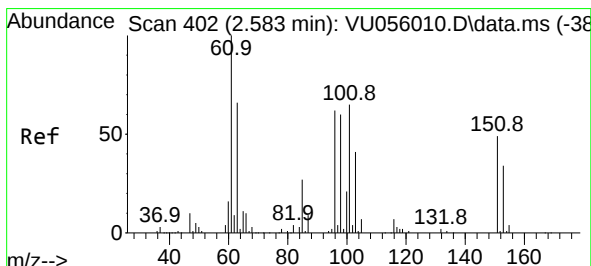
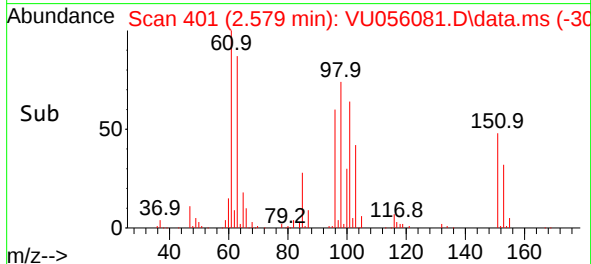
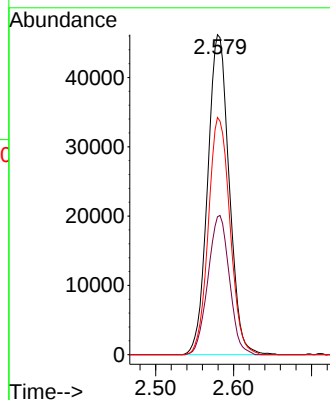
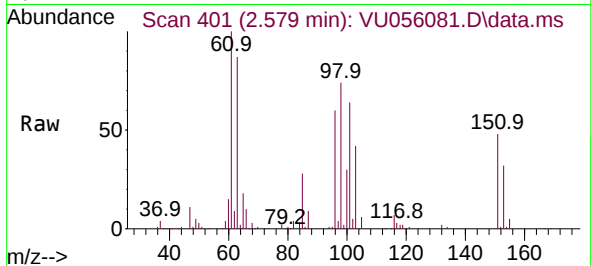




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.968 ug/L
 RT: 2.579 min Scan# 401
 Delta R.T. -0.003 min
 Lab File: VU056081.D
 Acq: 06 Nov 2023 10:28

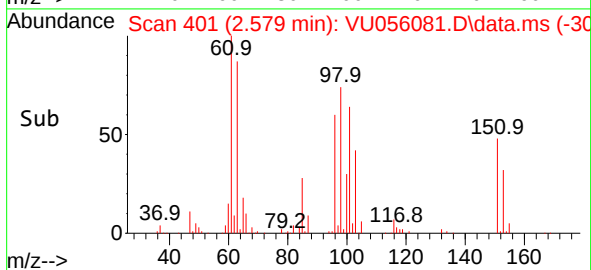
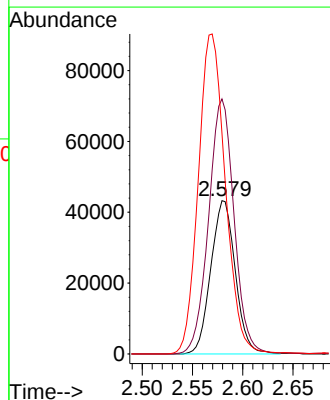
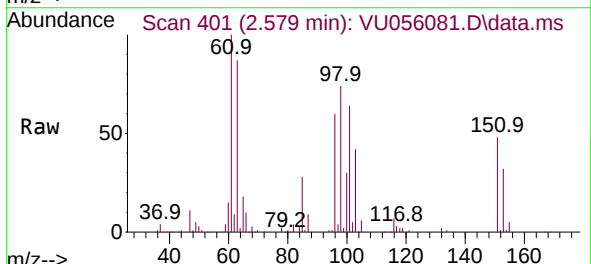
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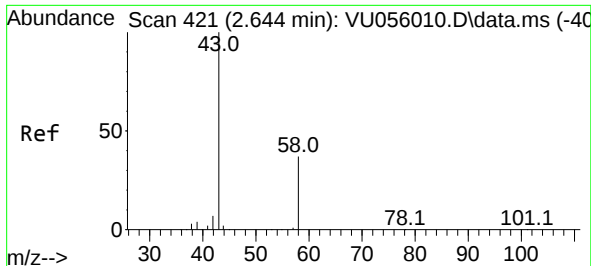
Tgt Ion:101 Resp: 88547
 Ion Ratio Lower Upper
 101 100
 85 43.3 34.4 51.6
 151 74.4 58.4 87.6



#12
 1,1-Dichloroethene
 Concen: 4.601 ug/L
 RT: 2.579 min Scan# 401
 Delta R.T. -0.003 min
 Lab File: VU056081.D
 Acq: 06 Nov 2023 10:28

Tgt Ion: 96 Resp: 73196
 Ion Ratio Lower Upper
 96 100
 61 166.4 123.8 230.0
 63 144.0 111.0 206.2





#13

Acetone

Concen: 46.504 ug/L

RT: 2.647 min Scan# 41

Delta R.T. -0.003 min

Lab File: VU056081.D

Acq: 06 Nov 2023 10:28

Instrument :

MSVOA_U

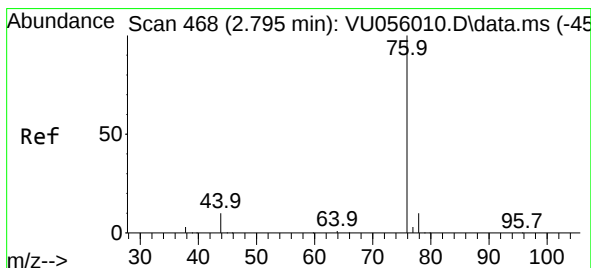
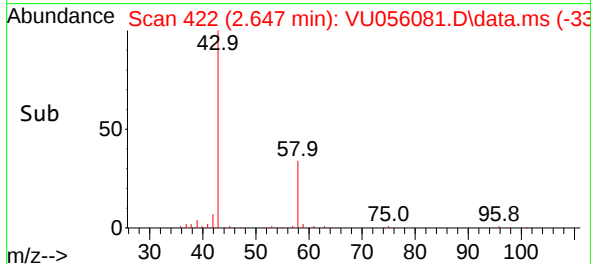
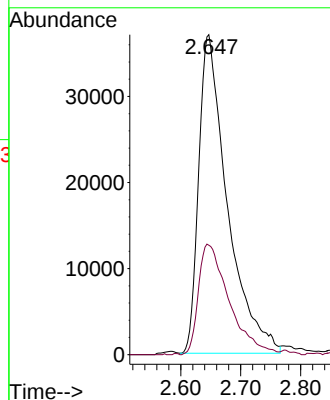
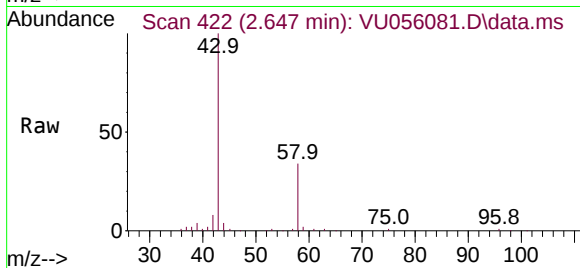
ClientSampleId :

Tgt Ion: 43 Resp: 122753

Ion Ratio Lower Upper

43 100

58 37.2 0.0 69.0



#14

Carbon disulfide

Concen: 3.957 ug/L

RT: 2.795 min Scan# 468

Delta R.T. -0.000 min

Lab File: VU056081.D

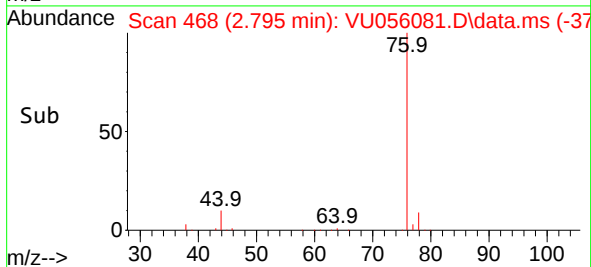
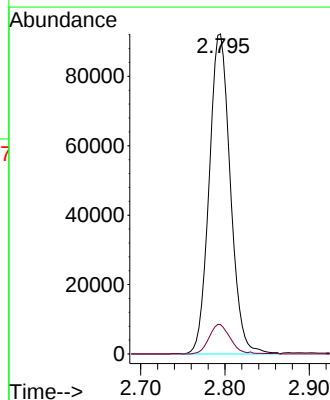
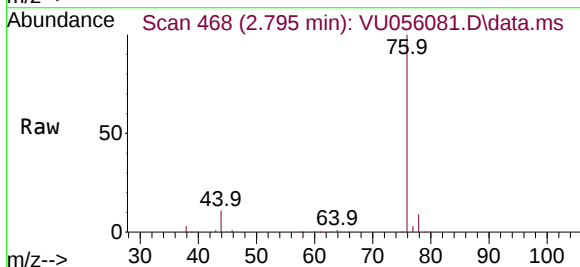
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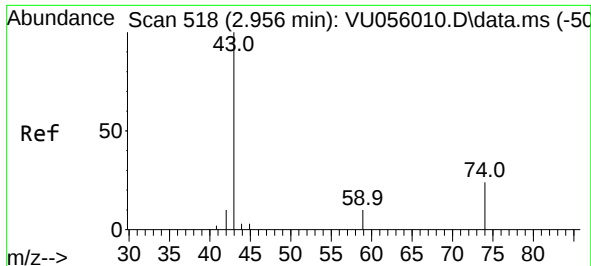
Tgt Ion: 76 Resp: 161180

Ion Ratio Lower Upper

76 100

78 9.2 7.5 11.3

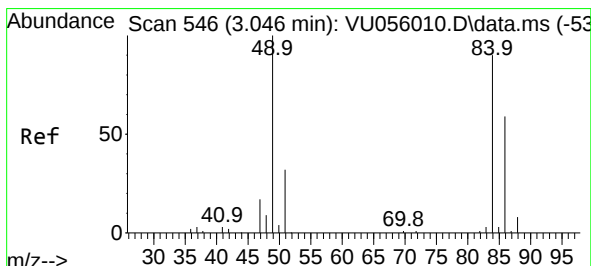
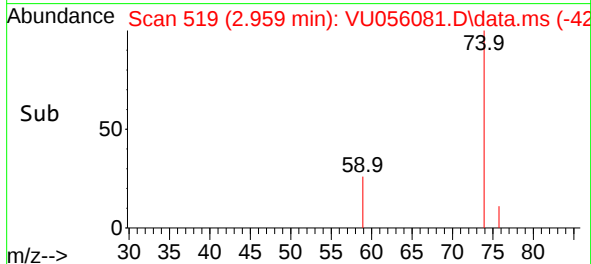
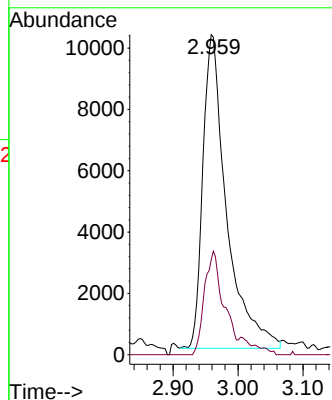
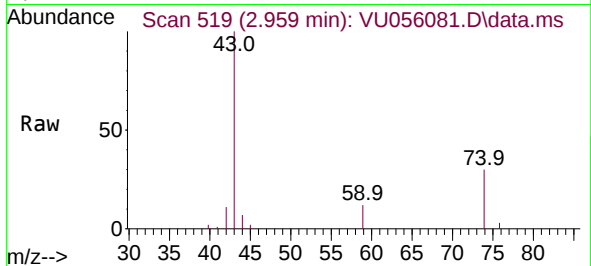




#15
Methyl Acetate
Concen: 4.837 ug/L
RT: 2.959 min Scan# 518
Delta R.T. -0.000 min
Lab File: VU056081.D
Acq: 06 Nov 2023 10:28

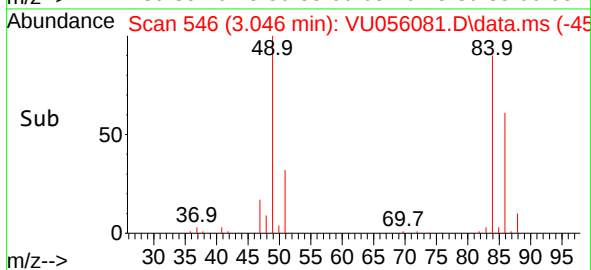
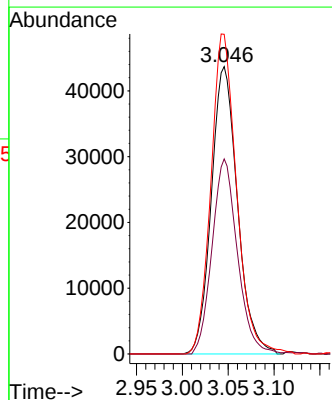
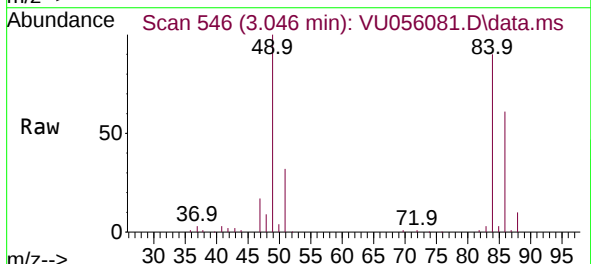
Instrument :
MSVOA_U
ClientSampleId :

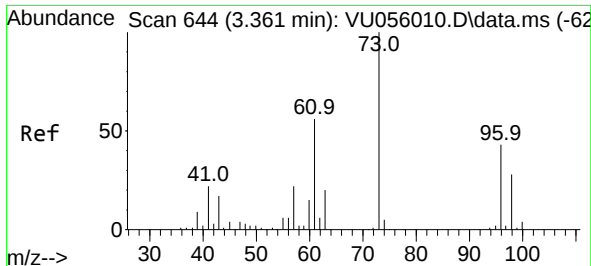
Tgt Ion: 43 Resp: 26010
Ion Ratio Lower Upper
43 100
74 26.7 19.9 29.9



#16
Methylene chloride
Concen: 4.808 ug/L
RT: 3.046 min Scan# 546
Delta R.T. -0.000 min
Lab File: VU056081.D
Acq: 06 Nov 2023 10:28

Tgt Ion: 84 Resp: 86669
Ion Ratio Lower Upper
84 100
86 67.9 45.2 84.0
49 111.3 78.8 146.3

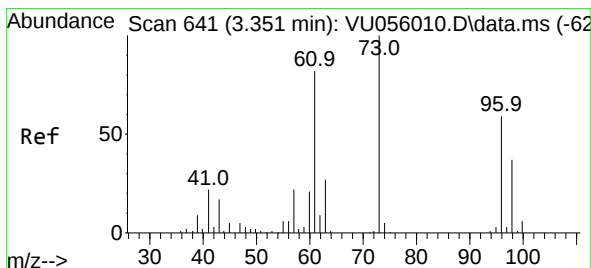
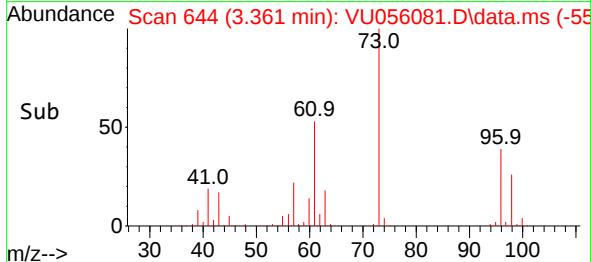
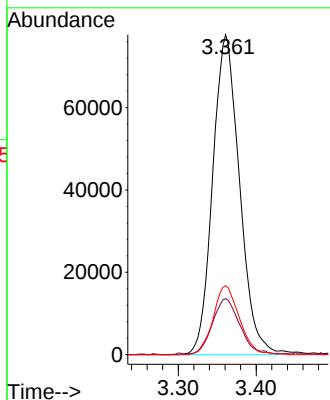
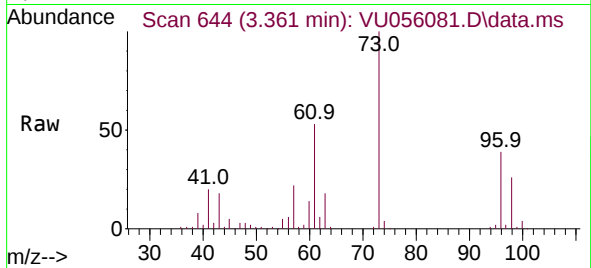




#17
Methyl tert-butyl Ether
Concen: 4.803 ug/L
RT: 3.361 min Scan# 644
Delta R.T. -0.000 min
Lab File: VU056081.D
Acq: 06 Nov 2023 10:28

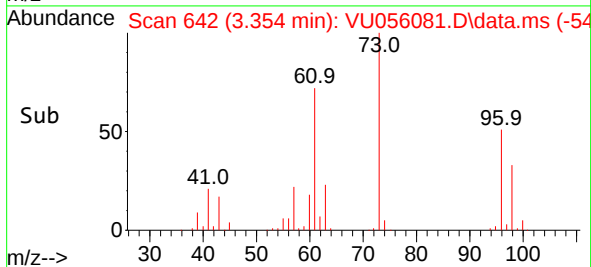
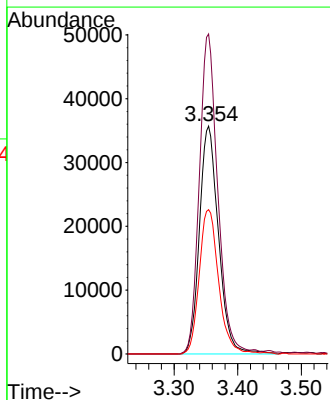
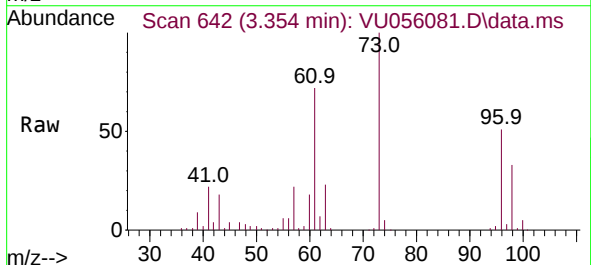
Instrument :
MSVOA_U
ClientSampleId :

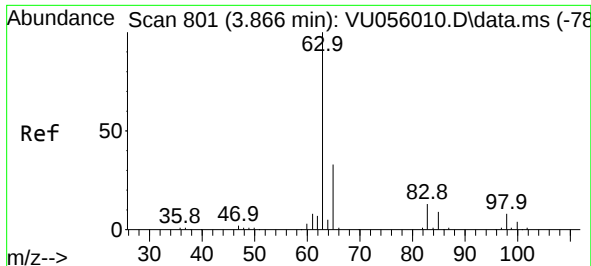
Tgt Ion: 73 Resp: 185436
Ion Ratio Lower Upper
73 100
43 17.3 14.4 21.6
57 21.2 17.0 25.4



#18
trans-1,2-Dichloroethene
Concen: 4.703 ug/L
RT: 3.354 min Scan# 642
Delta R.T. -0.000 min
Lab File: VU056081.D
Acq: 06 Nov 2023 10:28

Tgt Ion: 96 Resp: 74183
Ion Ratio Lower Upper
96 100
61 140.4 97.5 181.1
98 63.4 42.7 79.3

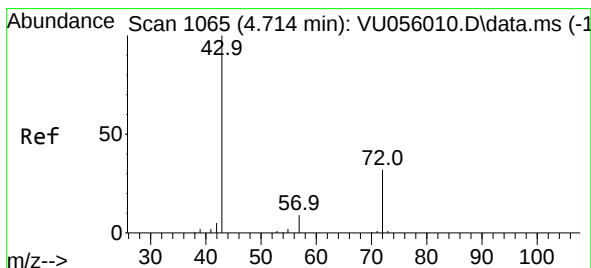
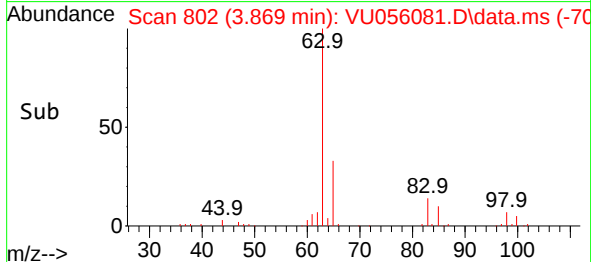
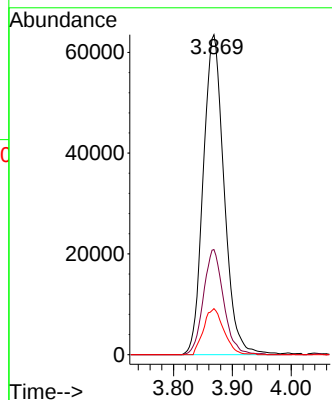
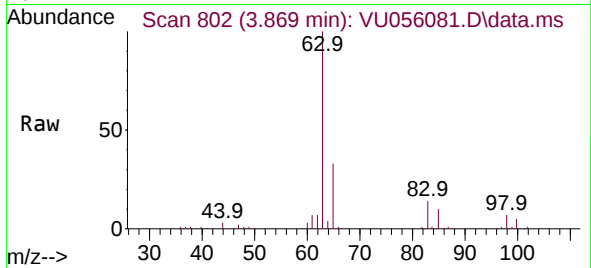




#19
1,1-Dichloroethane
Concen: 4.881 ug/L
RT: 3.869 min Scan# 801
Delta R.T. 0.003 min
Lab File: VU056081.D
Acq: 06 Nov 2023 10:28

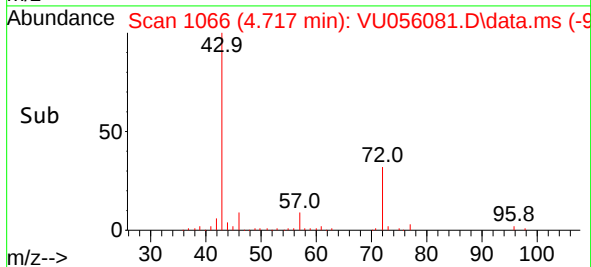
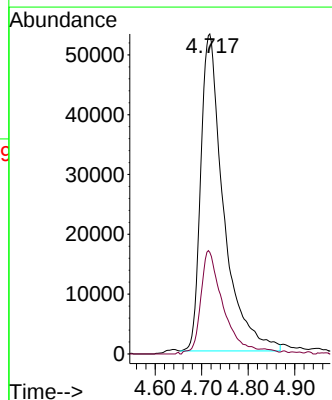
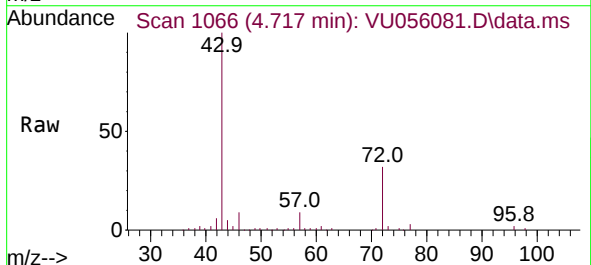
Instrument :
MSVOA_U
ClientSampleId :

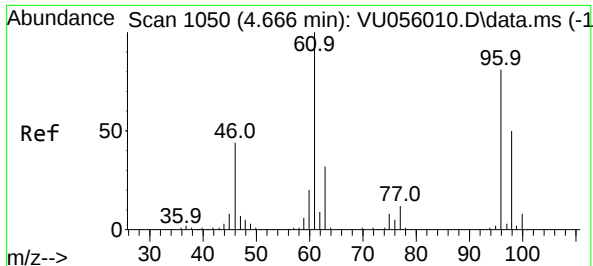
Tgt Ion: 63 Resp: 156325
Ion Ratio Lower Upper
63 100
65 32.8 23.3 43.3
83 14.4 10.5 19.5



#21
2-Butanone
Concen: 46.614 ug/L
RT: 4.717 min Scan# 1066
Delta R.T. 0.003 min
Lab File: VU056081.D
Acq: 06 Nov 2023 10:28

Tgt Ion: 43 Resp: 180874
Ion Ratio Lower Upper
43 100
72 31.6 14.4 43.4





#22

cis-1,2-Dichloroethene

Concen: 4.793 ug/L

RT: 4.663 min Scan# 1050

Delta R.T. -0.000 min

Lab File: VU056081.D

Acq: 06 Nov 2023 10:28

Instrument :

MSVOA_U

ClientSampleId :

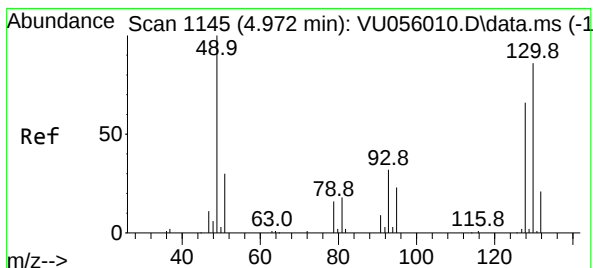
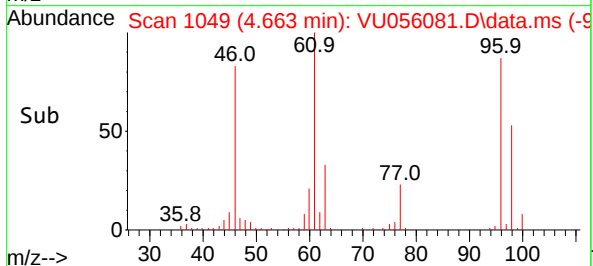
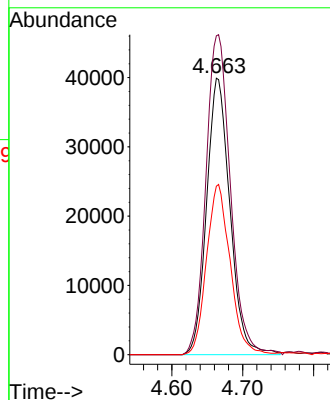
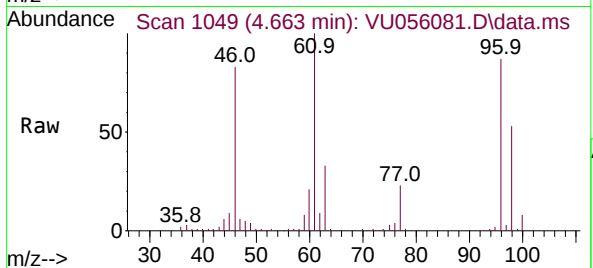
Tgt Ion: 96 Resp: 91544

Ion Ratio Lower Upper

96 100

61 115.3 93.8 174.2

98 61.0 45.6 84.8



#23

Bromochloromethane

Concen: 5.025 ug/L

RT: 4.971 min Scan# 1145

Delta R.T. -0.003 min

Lab File: VU056081.D

Acq: 06 Nov 2023 10:28

Tgt Ion:128 Resp: 39097

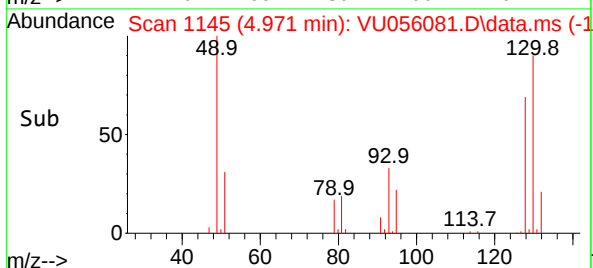
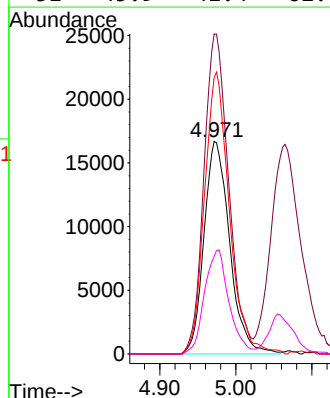
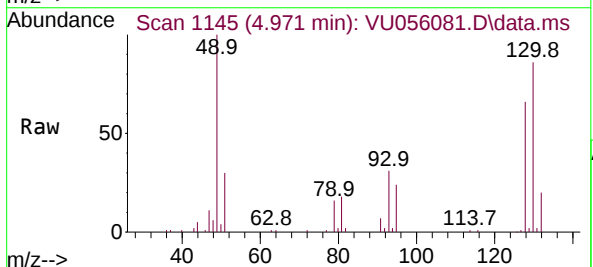
Ion Ratio Lower Upper

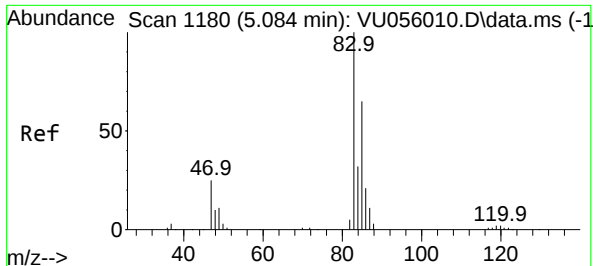
128 100

49 150.6 108.7 201.9

130 130.0 91.5 169.9

51 45.9 41.4 62.0





#25

Chloroform

Concen: 4.966 ug/L

RT: 5.084 min Scan# 1180

Delta R.T. -0.000 min

Lab File: VU056081.D

Acq: 06 Nov 2023 10:28

Instrument :

MSVOA_U

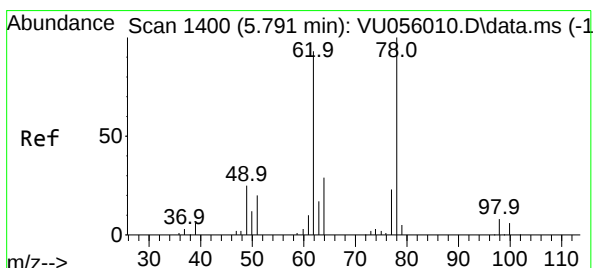
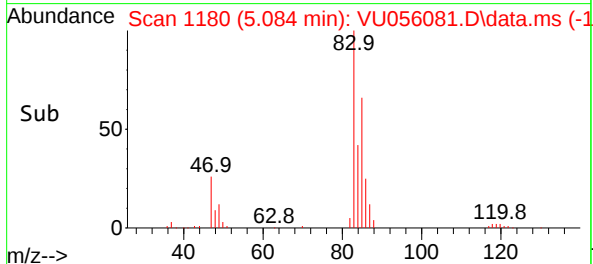
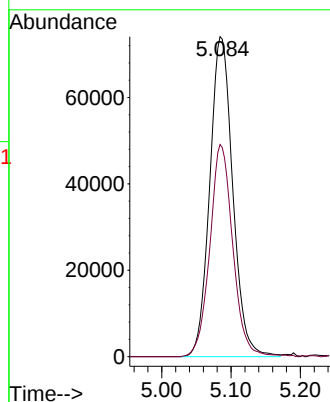
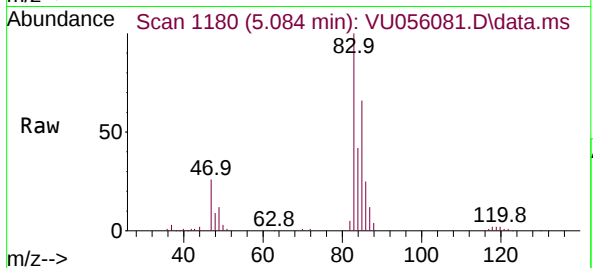
ClientSampleId :

Tgt Ion: 83 Resp: 170545

Ion Ratio Lower Upper

83 100

85 66.3 45.6 84.8



#27

1,2-Dichloroethane

Concen: 4.564 ug/L

RT: 5.791 min Scan# 1400

Delta R.T. -0.000 min

Lab File: VU056081.D

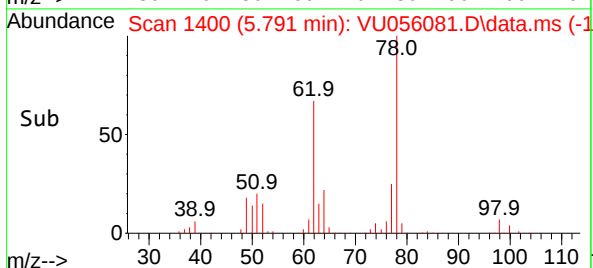
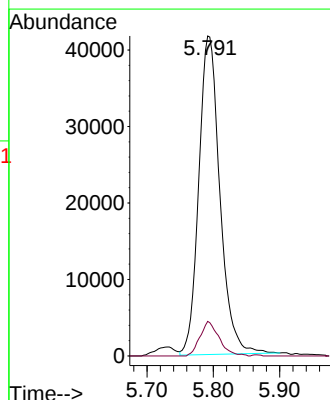
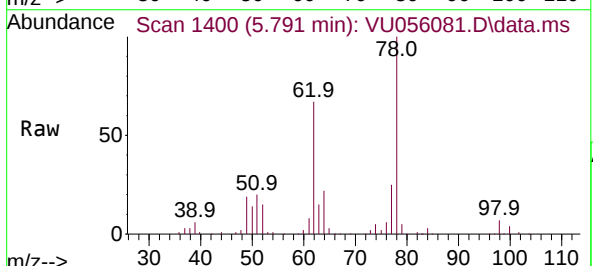
Acq: 06 Nov 2023 10:28

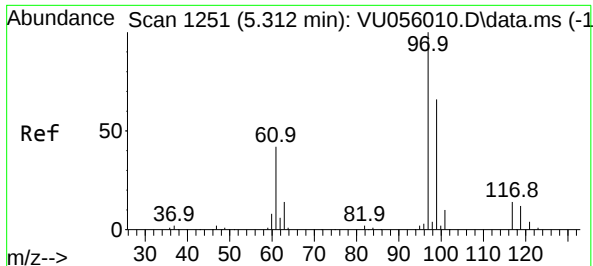
Tgt Ion: 62 Resp: 92079

Ion Ratio Lower Upper

62 100

98 10.8 7.4 11.2

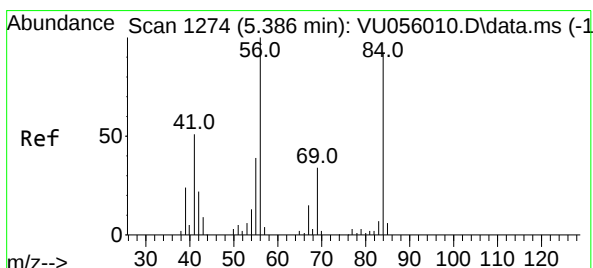
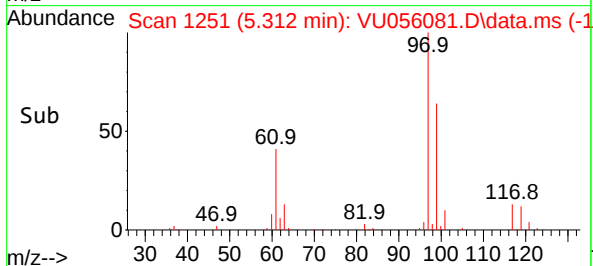
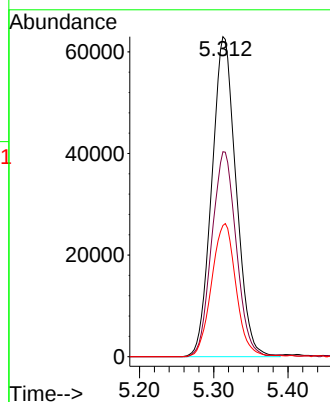
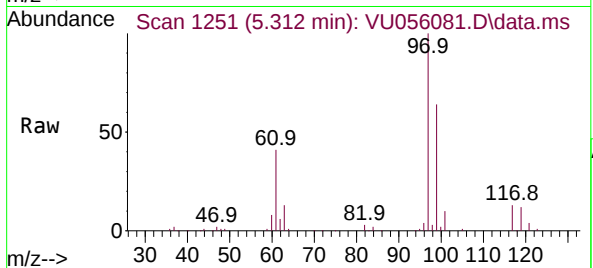




#29
1,1,1-Trichloroethane
Concen: 4.958 ug/L
RT: 5.312 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VU056081.D
Acq: 06 Nov 2023 10:28

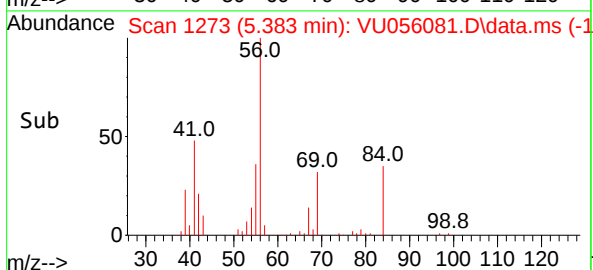
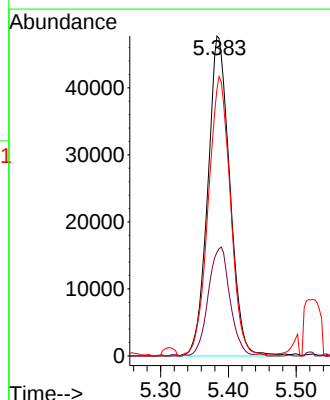
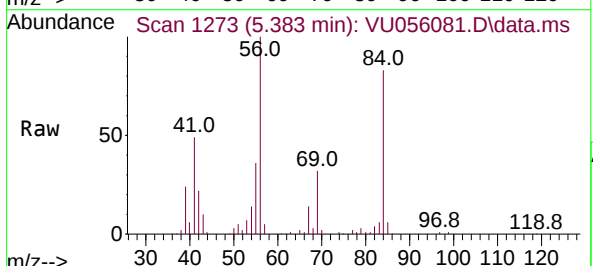
Instrument :
MSVOA_U
ClientSampleId :

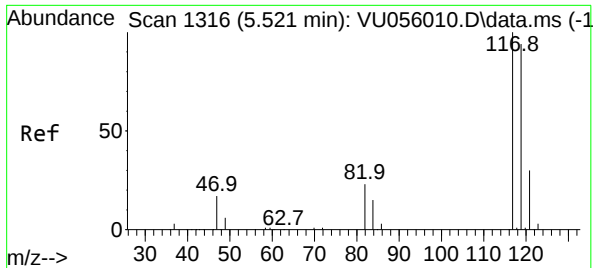
Tgt Ion: 97 Resp: 143313
Ion Ratio Lower Upper
97 100
99 64.6 50.8 76.2
61 41.9 35.0 52.4



#30
Cyclohexane
Concen: 4.400 ug/L
RT: 5.383 min Scan# 1273
Delta R.T. -0.003 min
Lab File: VU056081.D
Acq: 06 Nov 2023 10:28

Tgt Ion: 56 Resp: 107309
Ion Ratio Lower Upper
56 100
69 33.0 25.4 38.2
84 88.1 71.0 106.6

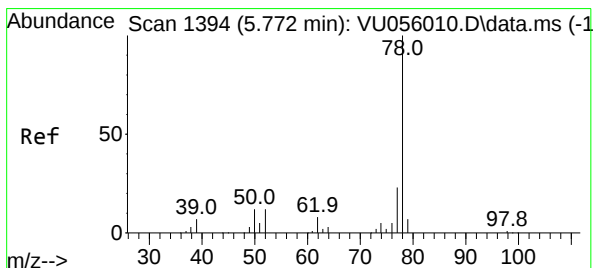
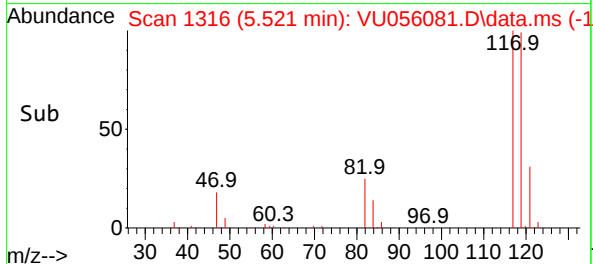
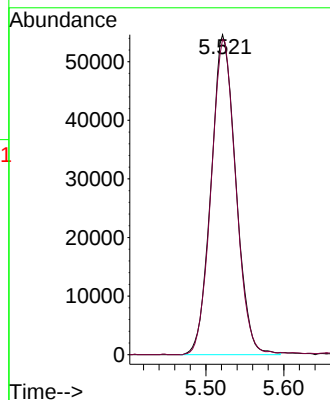
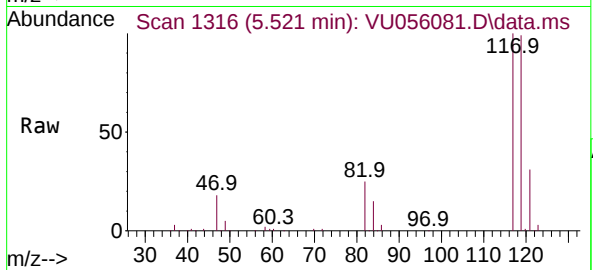




#31
Carbon tetrachloride
Concen: 4.883 ug/L
RT: 5.521 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VU056081.D
Acq: 06 Nov 2023 10:28

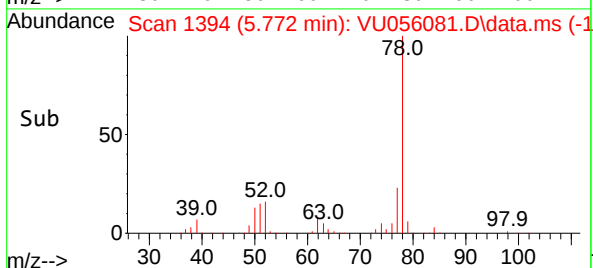
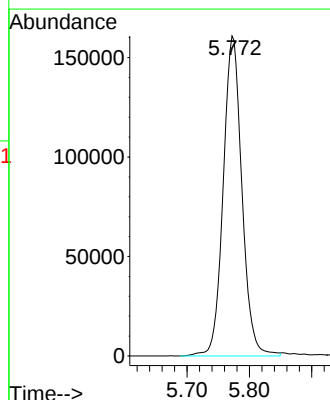
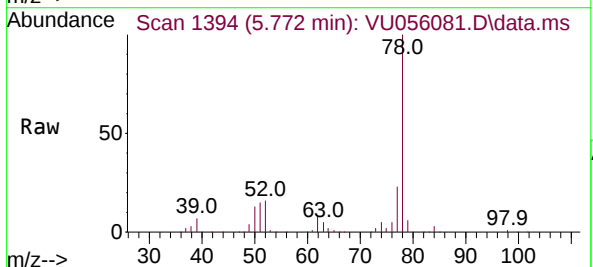
Instrument :
MSVOA_U
ClientSampleId :

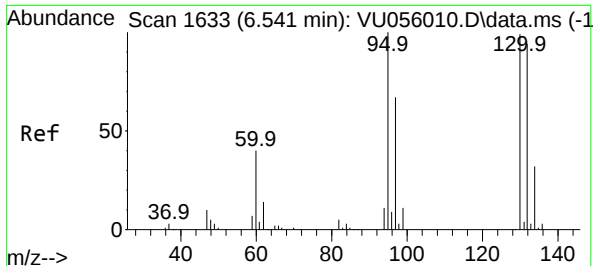
Tgt Ion:117 Resp: 120395
Ion Ratio Lower Upper
117 100
119 98.1 75.1 112.7



#33
Benzene
Concen: 4.790 ug/L
RT: 5.772 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VU056081.D
Acq: 06 Nov 2023 10:28

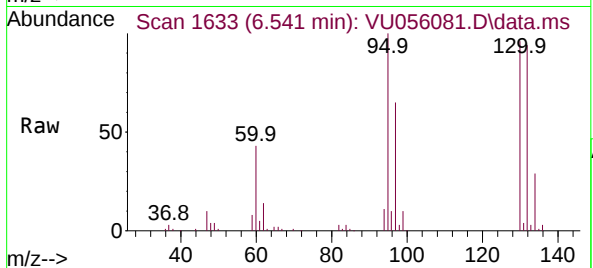
Tgt Ion: 78 Resp: 335201



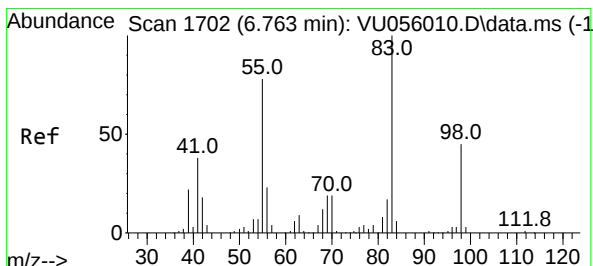
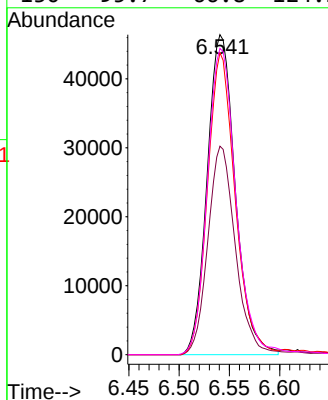
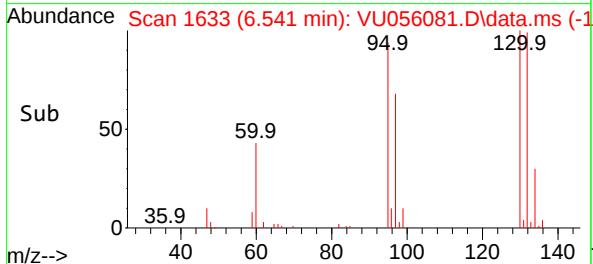


#34
Trichloroethene
Concen: 4.628 ug/L
RT: 6.541 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU056081.D
Acq: 06 Nov 2023 10:28

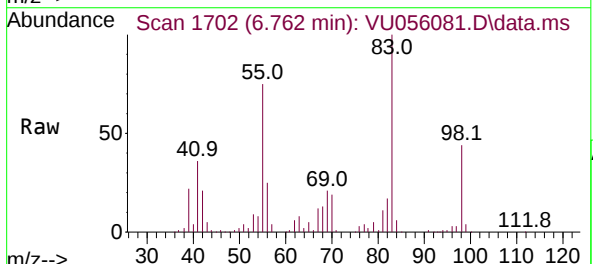
Instrument :
MSVOA_U
ClientSampleId :



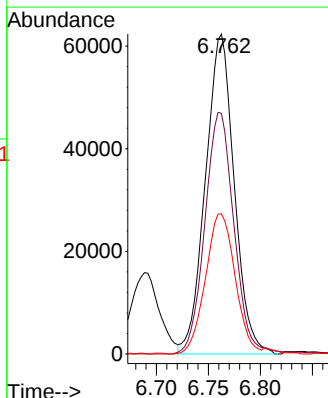
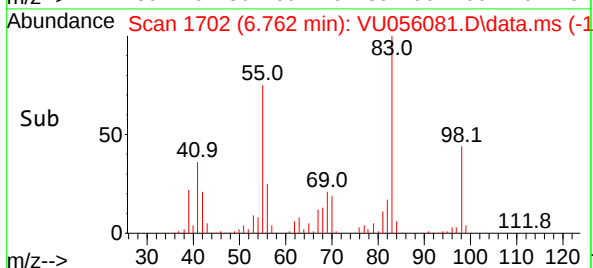
Tgt Ion: 95 Resp: 90613
Ion Ratio Lower Upper
95 100
97 65.1 45.4 84.2
132 94.3 63.9 118.7
130 95.7 66.8 124.2

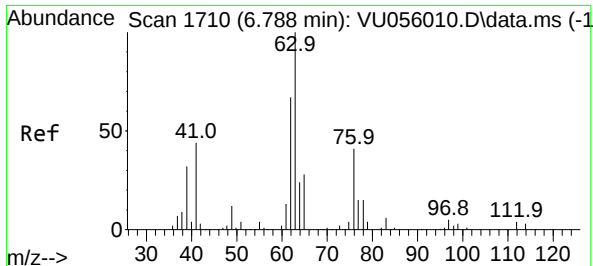


#35
Methylcyclohexane
Concen: 4.545 ug/L
RT: 6.762 min Scan# 1702
Delta R.T. 0.003 min
Lab File: VU056081.D
Acq: 06 Nov 2023 10:28



Tgt Ion: 83 Resp: 120094
Ion Ratio Lower Upper
83 100
55 76.4 62.4 93.6
98 45.1 37.4 56.2

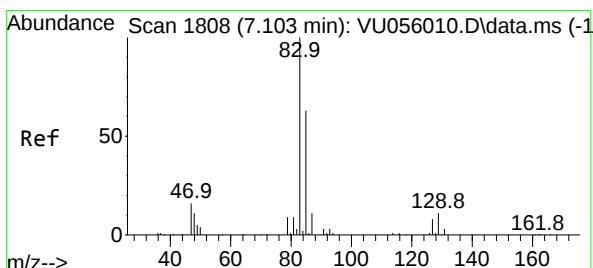
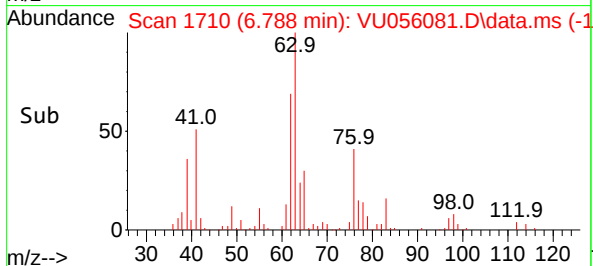
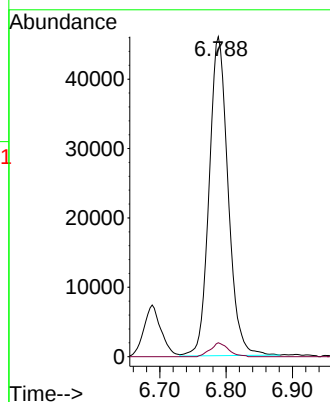
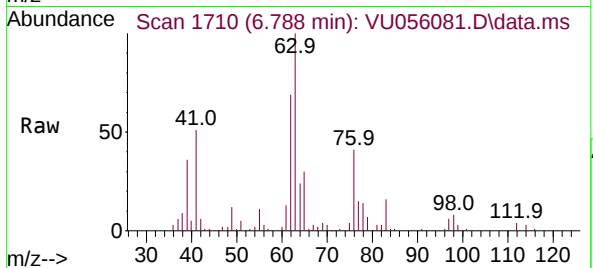




#37
1,2-Dichloropropane
Concen: 4.915 ug/L
RT: 6.788 min Scan# 1710
Delta R.T. -0.000 min
Lab File: VU056081.D
Acq: 06 Nov 2023 10:28

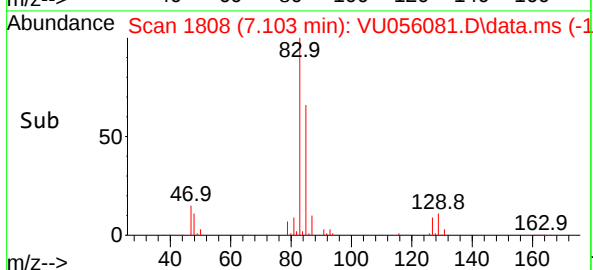
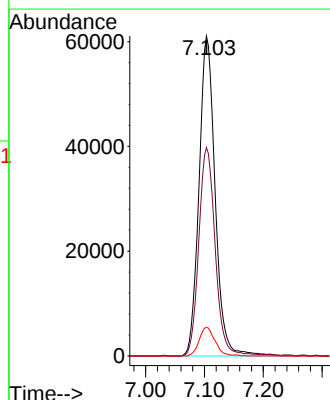
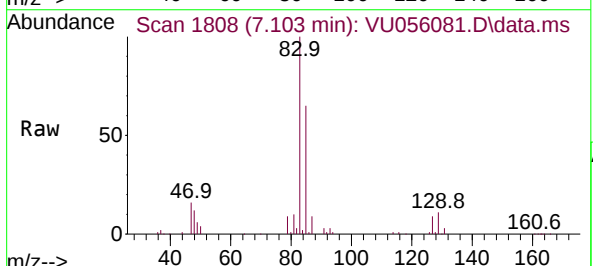
Instrument :
MSVOA_U
ClientSampleId :

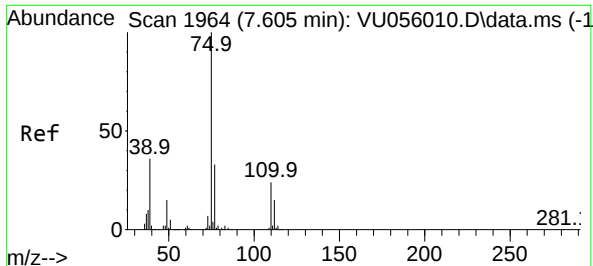
Tgt Ion: 63 Resp: 91326
Ion Ratio Lower Upper
63 100
112 4.1 3.1 4.7



#38
Bromodichloromethane
Concen: 4.993 ug/L
RT: 7.103 min Scan# 1808
Delta R.T. -0.000 min
Lab File: VU056081.D
Acq: 06 Nov 2023 10:28

Tgt Ion: 83 Resp: 116478
Ion Ratio Lower Upper
83 100
85 65.1 44.9 83.3
127 9.0 6.6 9.8





#39

cis-1,3-Dichloropropene

Concen: 4.756 ug/L

RT: 7.605 min Scan# 1964

Delta R.T. -0.000 min

Lab File: VU056081.D

Acq: 06 Nov 2023 10:28

Instrument :

MSVOA_U

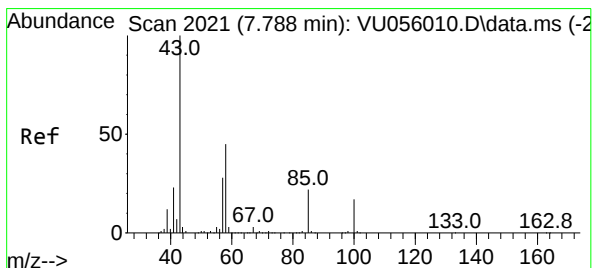
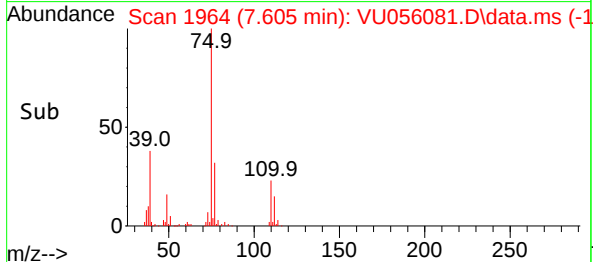
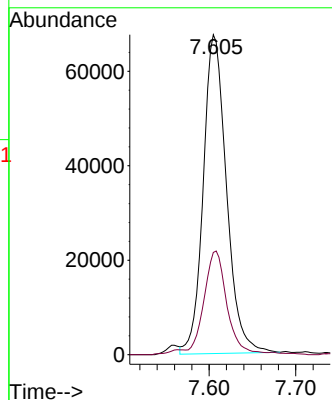
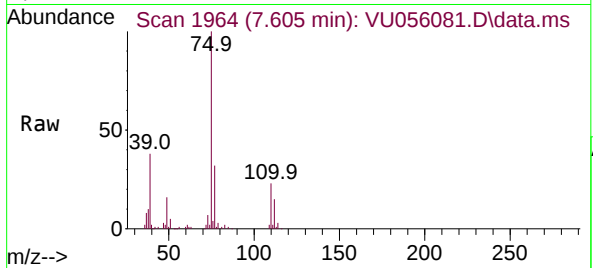
ClientSampleId :

Tgt Ion: 75 Resp: 125909

Ion Ratio Lower Upper

75 100

77 31.9 21.7 40.3



#40

4-Methyl-2-pentanone

Concen: 47.565 ug/L

RT: 7.788 min Scan# 2021

Delta R.T. -0.000 min

Lab File: VU056081.D

Acq: 06 Nov 2023 10:28

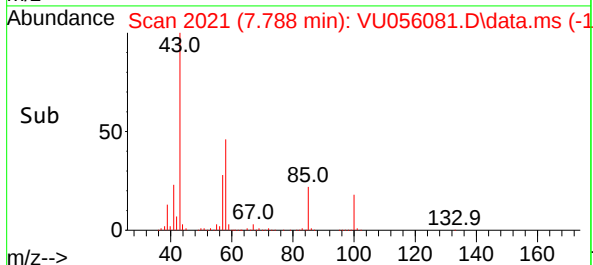
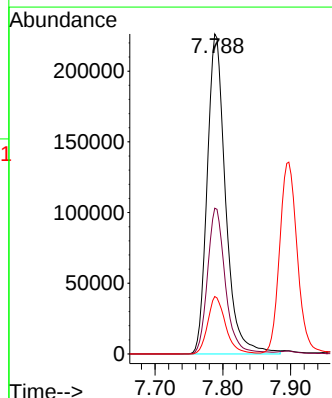
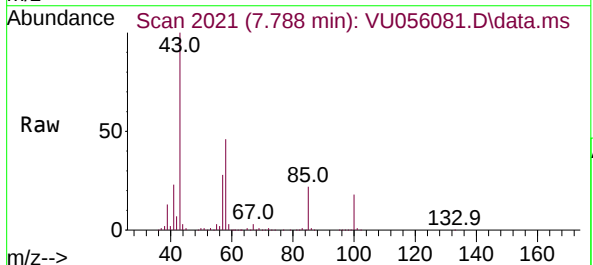
Tgt Ion: 43 Resp: 426083

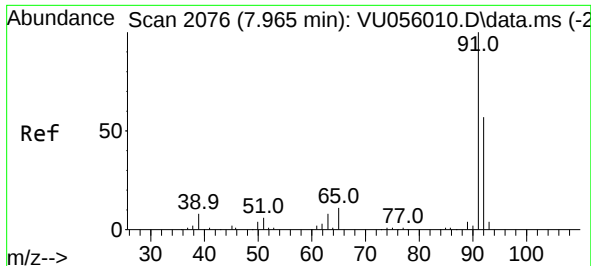
Ion Ratio Lower Upper

43 100

58 44.4 34.0 51.0

100 17.5 13.0 19.6





#42

Toluene

Concen: 4.942 ug/L

RT: 7.968 min Scan# 2076

Delta R.T. -0.000 min

Lab File: VU056081.D

Acq: 06 Nov 2023 10:28

Instrument :

MSVOA_U

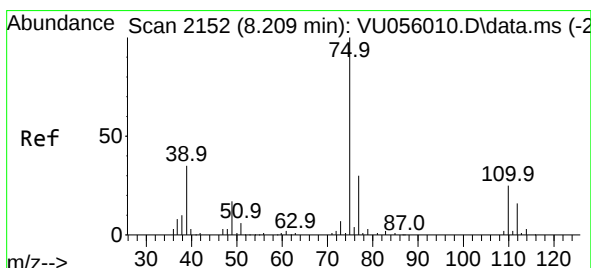
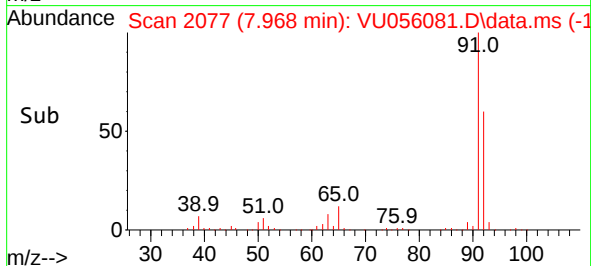
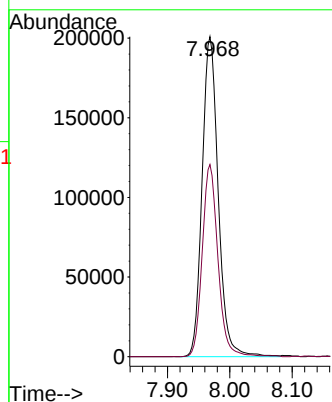
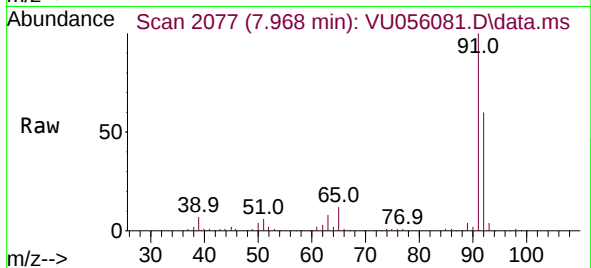
ClientSampleId :

Tgt Ion: 91 Resp: 361446

Ion Ratio Lower Upper

91 100

92 60.0 40.6 75.4



#44

trans-1,3-Dichloropropene

Concen: 4.902 ug/L

RT: 8.209 min Scan# 2152

Delta R.T. -0.000 min

Lab File: VU056081.D

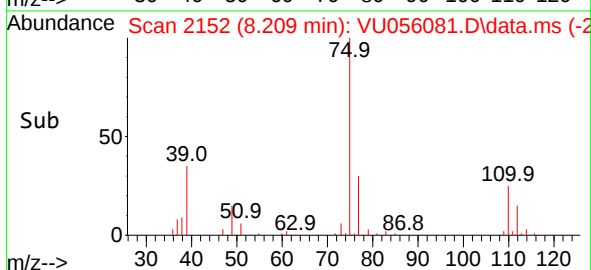
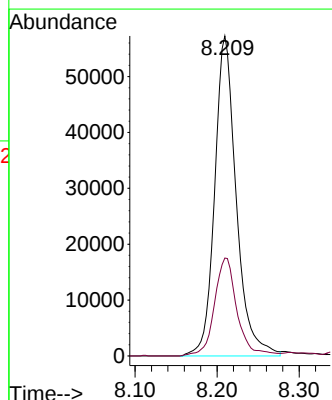
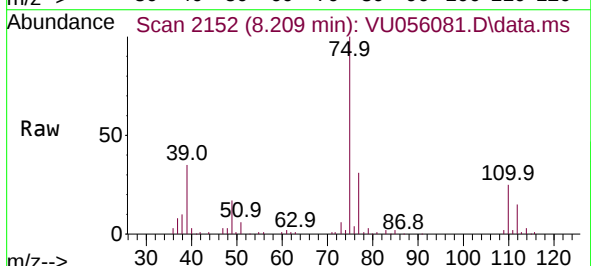
Acq: 06 Nov 2023 10:28

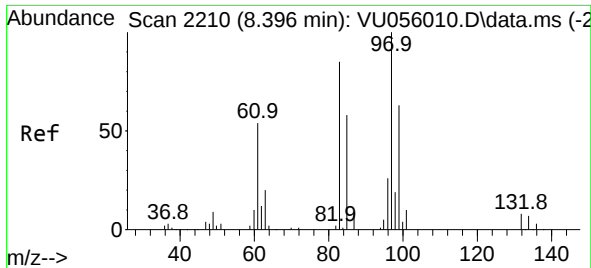
Tgt Ion: 75 Resp: 104766

Ion Ratio Lower Upper

75 100

77 30.6 21.7 40.3

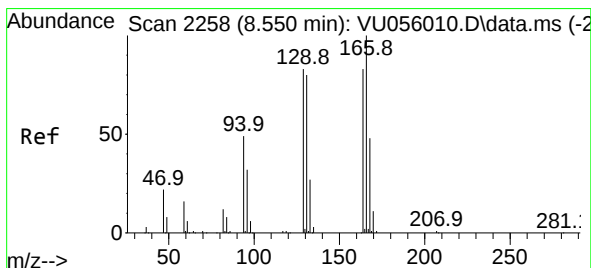
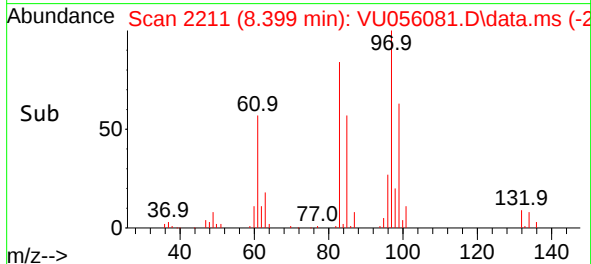
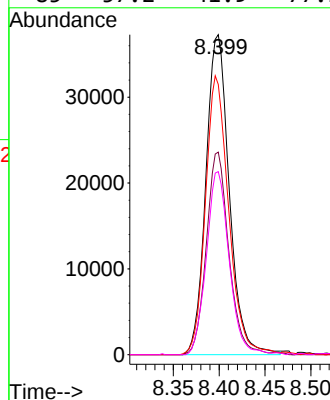
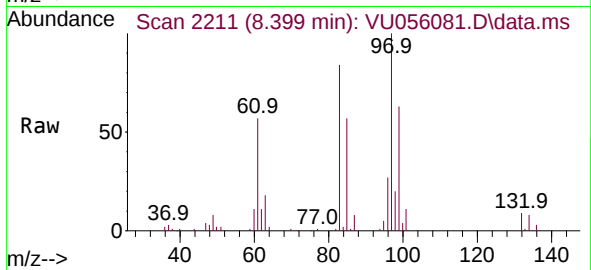




#45
1,1,2-Trichloroethane
Concen: 5.071 ug/L
RT: 8.399 min Scan# 211
Delta R.T. 0.003 min
Lab File: VU056081.D
Acq: 06 Nov 2023 10:28

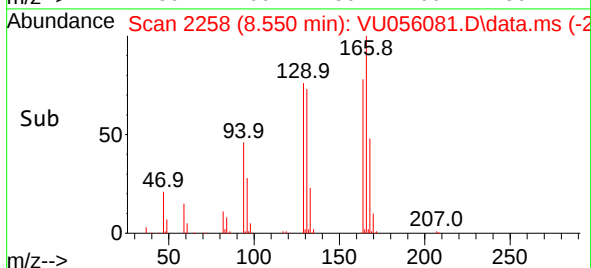
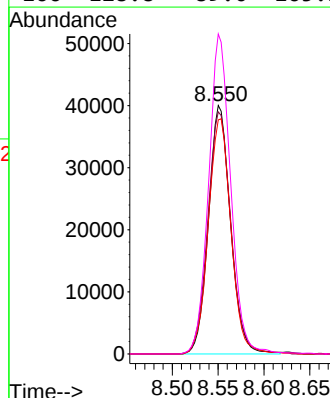
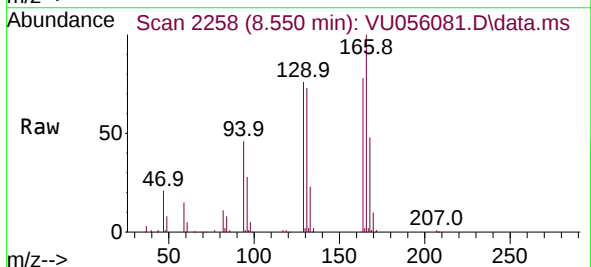
Instrument :
MSVOA_U
ClientSampleId :

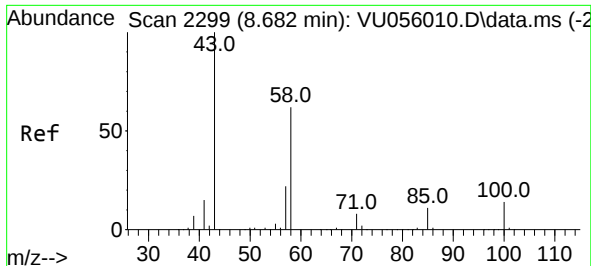
Tgt Ion:	97	Resp:	66258
Ion	Ratio	Lower	Upper
97	100		
99	63.3	45.3	84.1
83	84.5	61.9	115.1
85	57.2	41.9	77.9



#47
Tetrachloroethene
Concen: 4.866 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. -0.000 min
Lab File: VU056081.D
Acq: 06 Nov 2023 10:28

Tgt Ion:	164	Resp:	66709
Ion	Ratio	Lower	Upper
164	100		
129	97.4	72.2	134.0
131	94.2	70.8	131.6
166	128.8	89.0	165.2

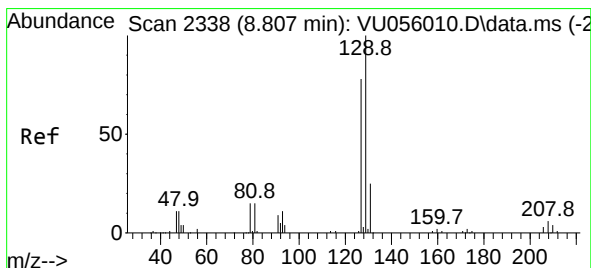
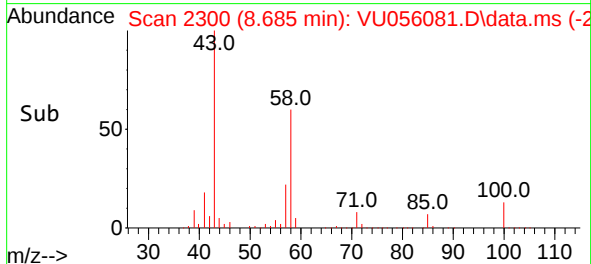
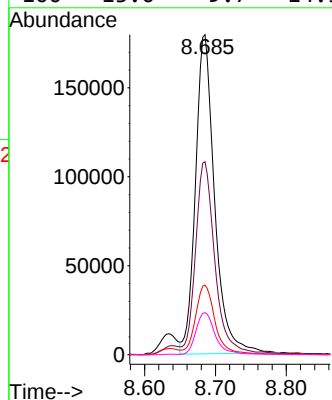
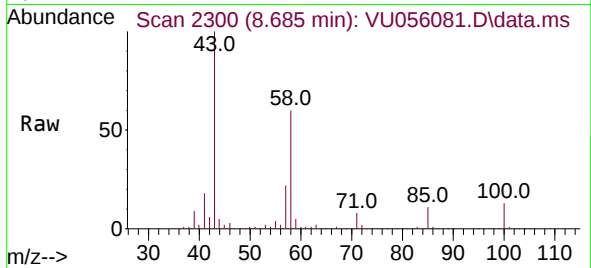




#48
2-Hexanone
Concen: 47.839 ug/L
RT: 8.685 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU056081.D
Acq: 06 Nov 2023 10:28

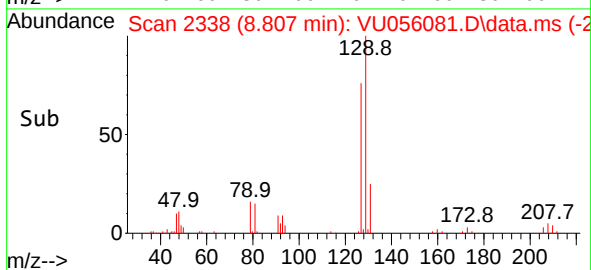
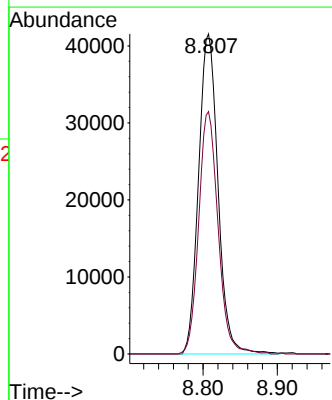
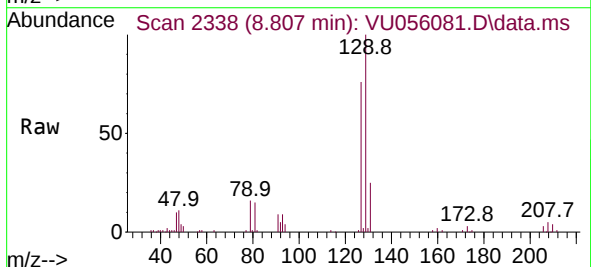
Instrument :
MSVOA_U
ClientSampleId :

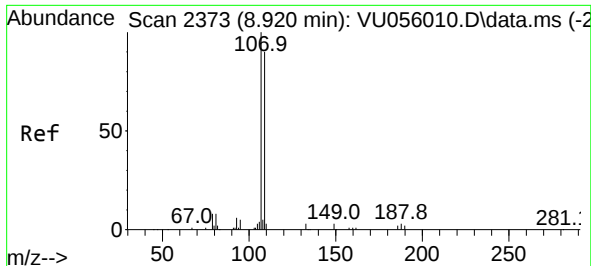
Tgt Ion: 43 Resp: 336947
Ion Ratio Lower Upper
43 100
58 59.3 49.5 74.3
57 21.8 16.9 25.3
100 13.0 9.7 14.5



#49
Dibromochloromethane
Concen: 5.273 ug/L
RT: 8.807 min Scan# 2338
Delta R.T. -0.000 min
Lab File: VU056081.D
Acq: 06 Nov 2023 10:28

Tgt Ion: 129 Resp: 75627
Ion Ratio Lower Upper
129 100
127 75.8 53.5 99.5

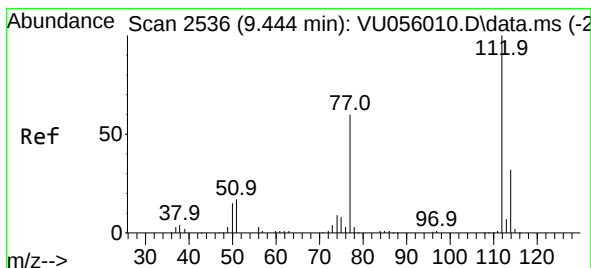
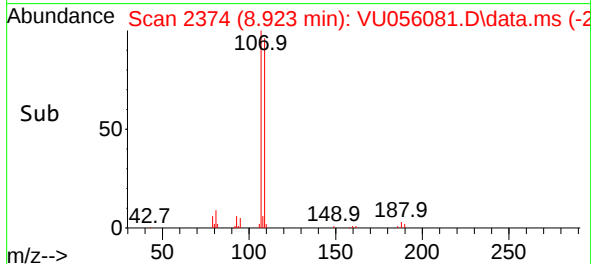
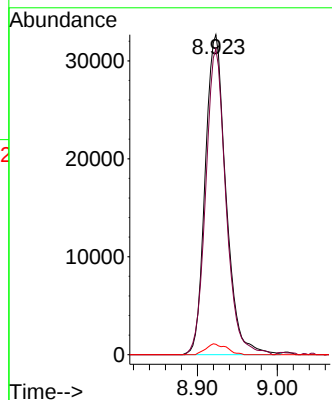
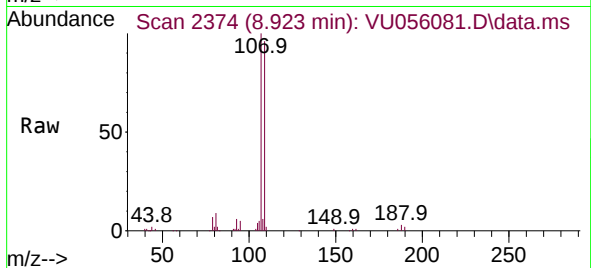




#50
1,2-Dibromoethane
Concen: 4.979 ug/L
RT: 8.923 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU056081.D
Acq: 06 Nov 2023 10:28

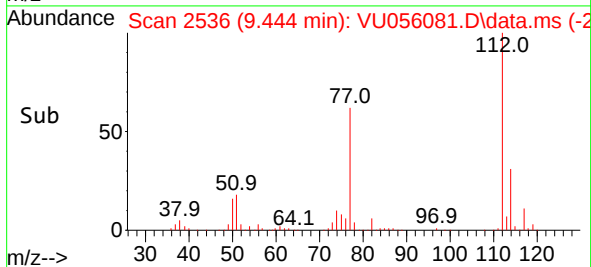
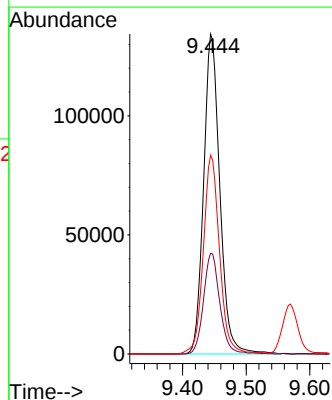
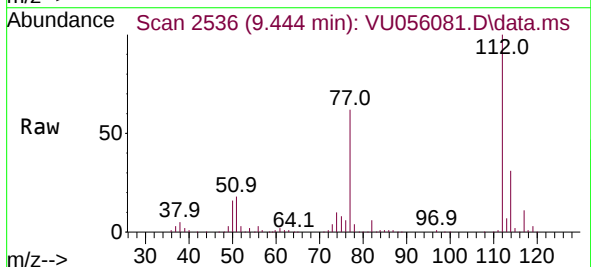
Instrument :
MSVOA_U
ClientSampleId :

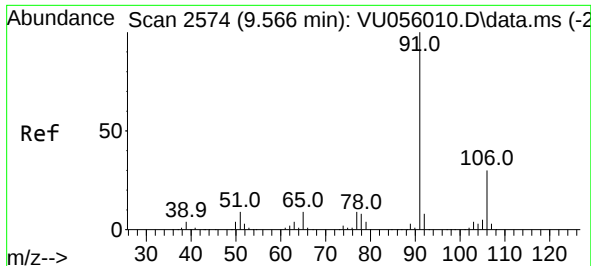
Tgt Ion:107 Resp: 59027
Ion Ratio Lower Upper
107 100
109 95.5 65.0 120.6
188 3.3 2.5 3.7



#51
Chlorobenzene
Concen: 4.964 ug/L
RT: 9.444 min Scan# 2536
Delta R.T. -0.000 min
Lab File: VU056081.D
Acq: 06 Nov 2023 10:28

Tgt Ion:112 Resp: 237959
Ion Ratio Lower Upper
112 100
114 31.5 22.3 41.5
77 62.1 49.9 74.9

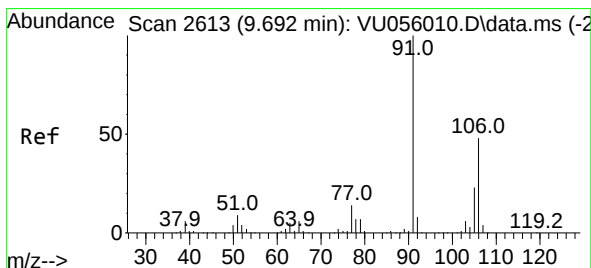
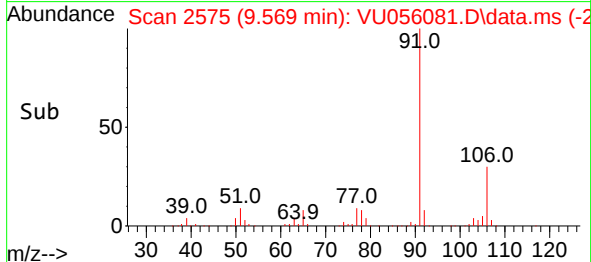
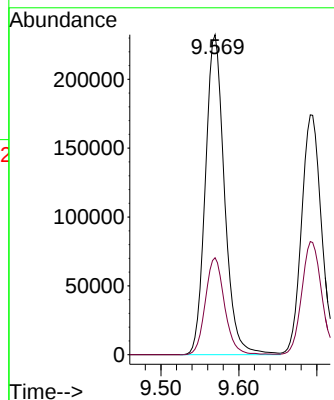
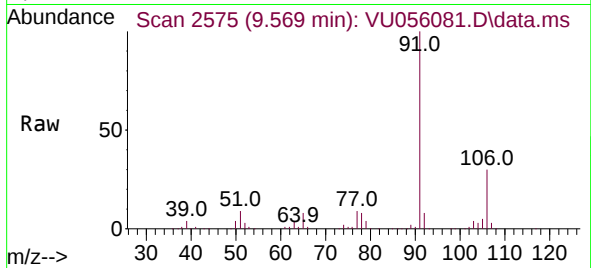




#52
Ethylbenzene
Concen: 4.771 ug/L
RT: 9.569 min Scan# 2575
Delta R.T. 0.003 min
Lab File: VU056081.D
Acq: 06 Nov 2023 10:28

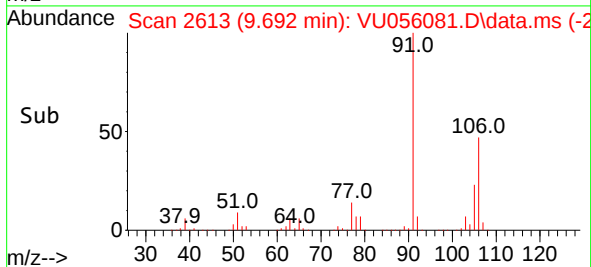
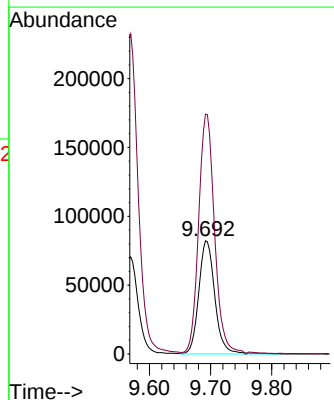
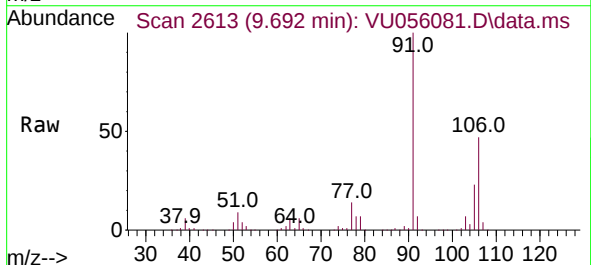
Instrument :
MSVOA_U
ClientSampleId :

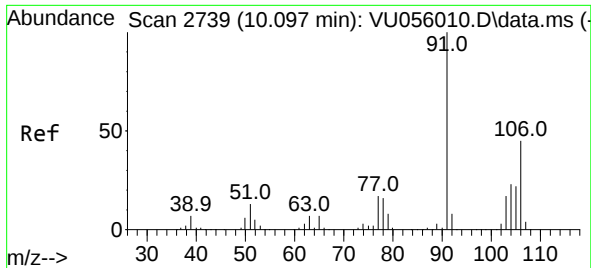
Tgt Ion: 91 Resp: 395553
Ion Ratio Lower Upper
91 100
106 30.3 21.3 39.5



#53
m,p-Xylene
Concen: 4.833 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. -0.000 min
Lab File: VU056081.D
Acq: 06 Nov 2023 10:28

Tgt Ion: 106 Resp: 149763
Ion Ratio Lower Upper
106 100
91 212.2 150.4 279.2

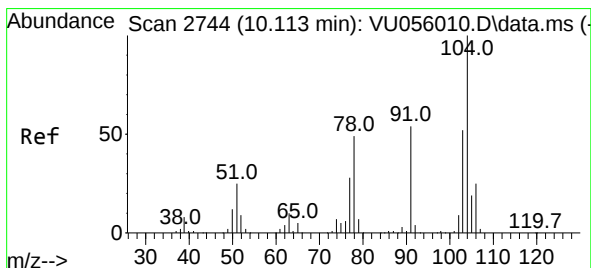
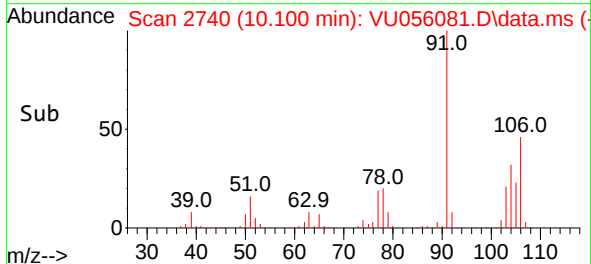
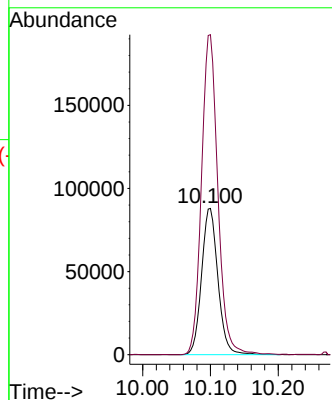
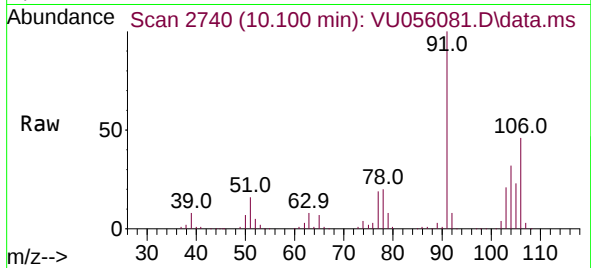




#54
o-Xylene
Concen: 4.852 ug/L
RT: 10.100 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU056081.D
Acq: 06 Nov 2023 10:28

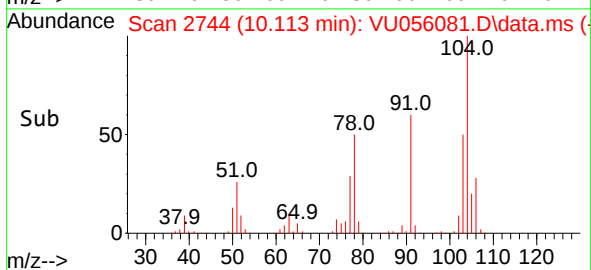
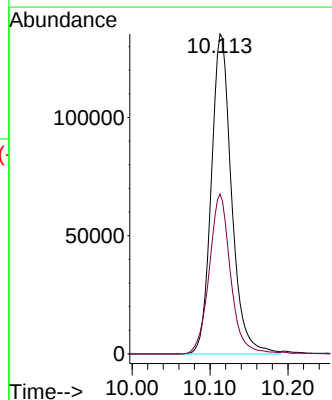
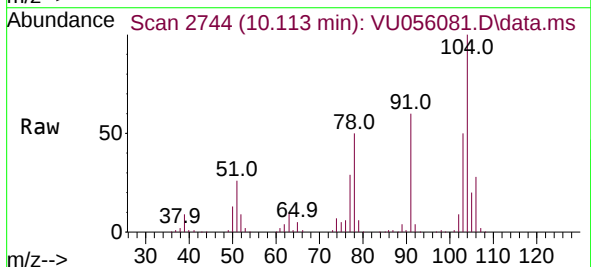
Instrument :
MSVOA_U
ClientSampleId :

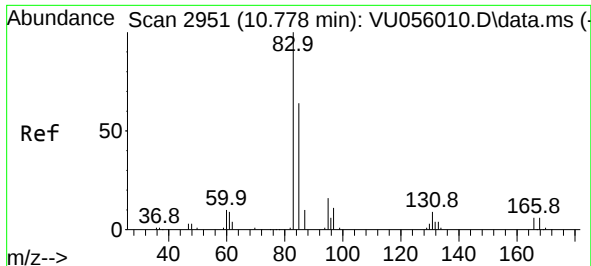
Tgt Ion:106 Resp: 147116
Ion Ratio Lower Upper
106 100
91 218.8 154.6 287.2



#55
Styrene
Concen: 5.044 ug/L
RT: 10.113 min Scan# 2744
Delta R.T. -0.000 min
Lab File: VU056081.D
Acq: 06 Nov 2023 10:28

Tgt Ion:104 Resp: 245168
Ion Ratio Lower Upper
104 100
78 50.0 33.9 63.0





#57

1,1,2,2-Tetrachloroethane

Concen: 5.273 ug/L

RT: 10.778 min Scan# 2951

Delta R.T. -0.000 min

Lab File: VU056081.D

Acq: 06 Nov 2023 10:28

Instrument :

MSVOA_U

ClientSampleId :

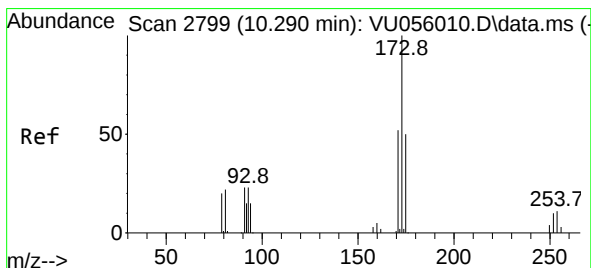
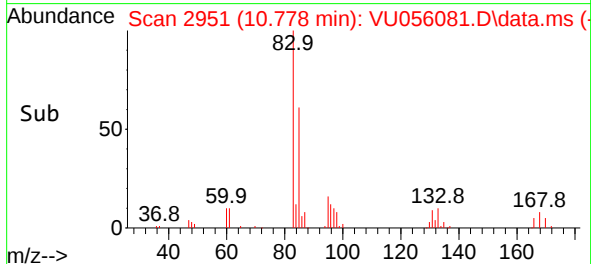
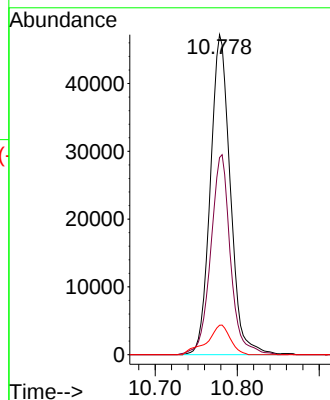
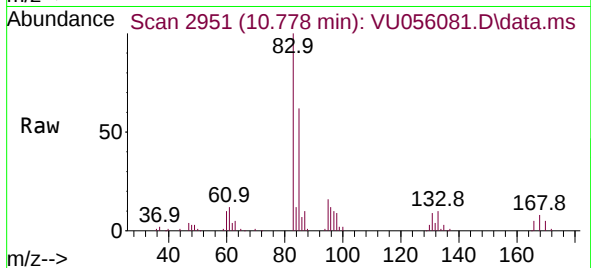
Tgt Ion: 83 Resp: 79758

Ion Ratio Lower Upper

83 100

85 61.6 46.2 85.8

131 9.2 7.2 10.8



#59

Bromoform

Concen: 5.469 ug/L

RT: 10.290 min Scan# 2799

Delta R.T. 0.003 min

Lab File: VU056081.D

Acq: 06 Nov 2023 10:28

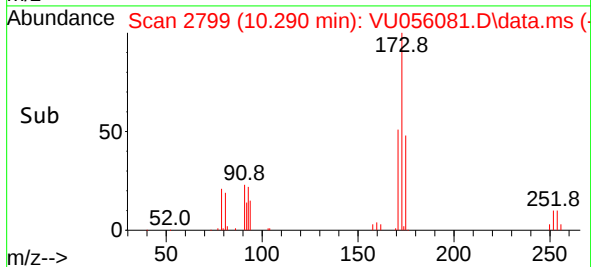
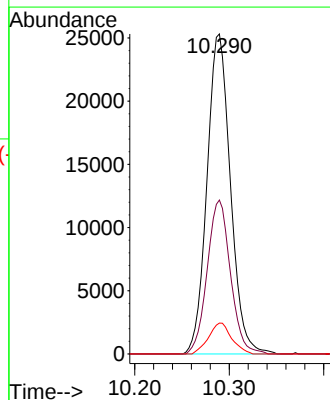
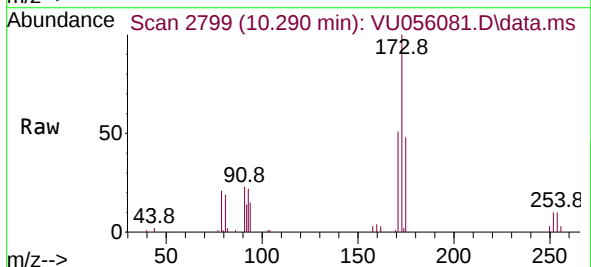
Tgt Ion:173 Resp: 43658

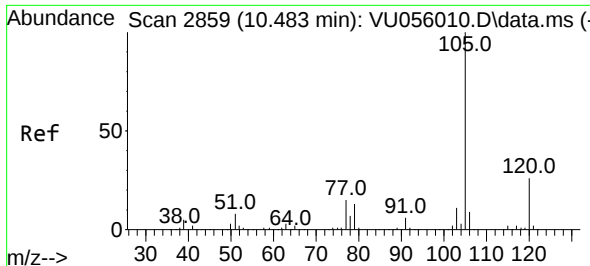
Ion Ratio Lower Upper

173 100

175 47.6 37.8 56.6

254 9.5 7.4 11.0

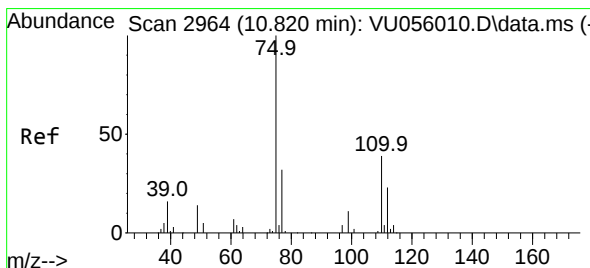
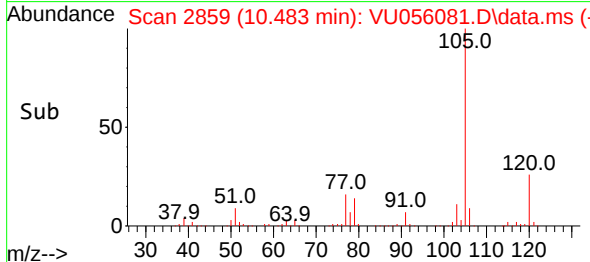
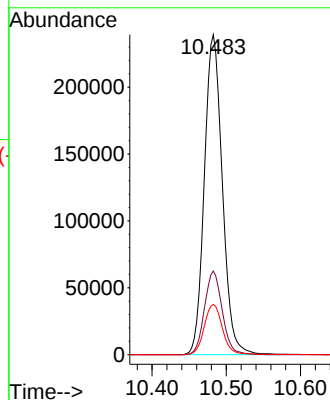
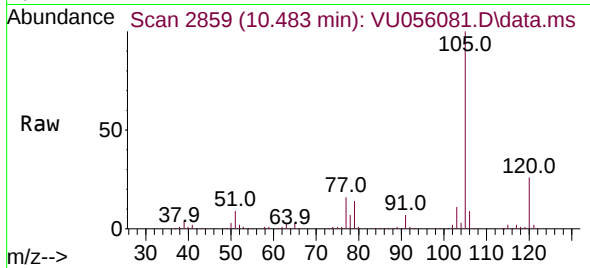




#60
Isopropylbenzene
Concen: 5.149 ug/L
RT: 10.483 min Scan# 2859
Delta R.T. -0.000 min
Lab File: VU056081.D
Acq: 06 Nov 2023 10:28

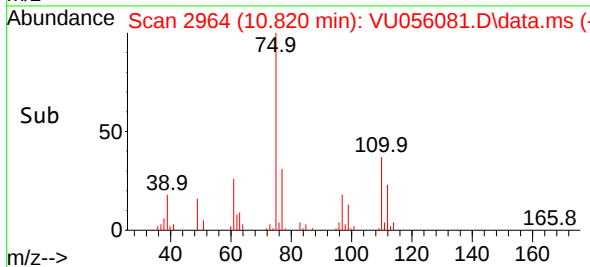
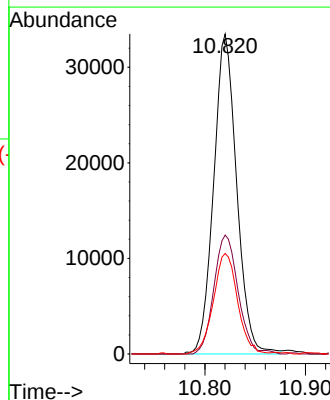
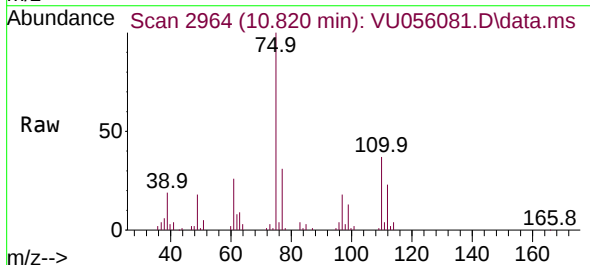
Instrument :
MSVOA_U
ClientSampleId :

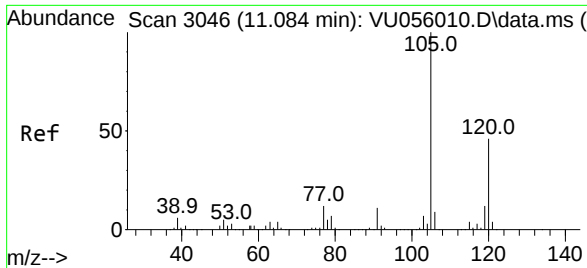
Tgt Ion:105 Resp: 402626
Ion Ratio Lower Upper
105 100
120 25.7 20.2 30.4
77 15.9 13.0 19.4



#61
1,2,3-Trichloropropane
Concen: 4.943 ug/L
RT: 10.820 min Scan# 2964
Delta R.T. -0.000 min
Lab File: VU056081.D
Acq: 06 Nov 2023 10:28

Tgt Ion: 75 Resp: 53255
Ion Ratio Lower Upper
75 100
110 39.2 29.0 43.6
77 33.0 24.5 36.7

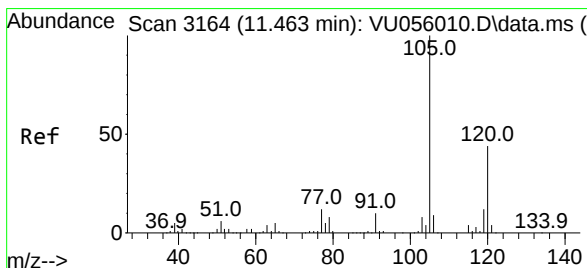
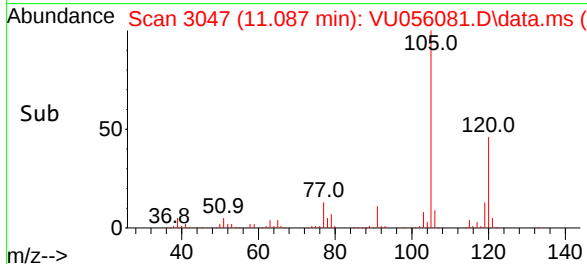
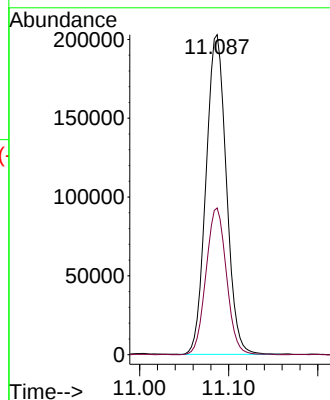
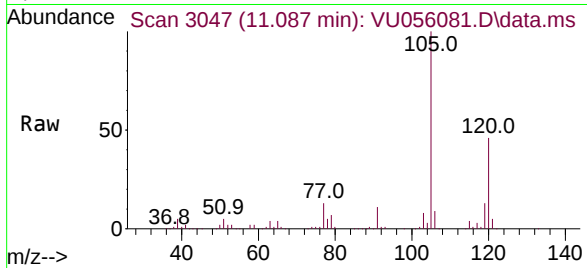




#62
 1,3,5-Trimethylbenzene
 Concen: 5.029 ug/L
 RT: 11.087 min Scan# 3046
 Delta R.T. 0.003 min
 Lab File: VU056081.D
 Acq: 06 Nov 2023 10:28

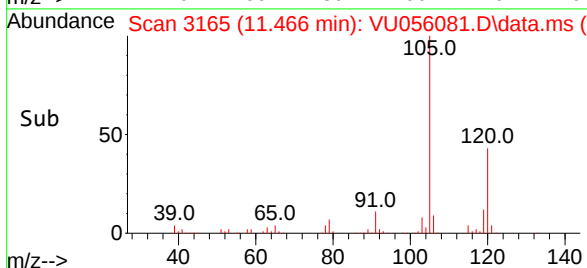
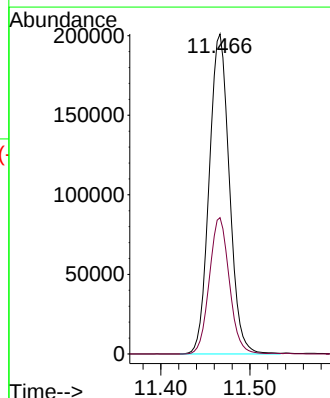
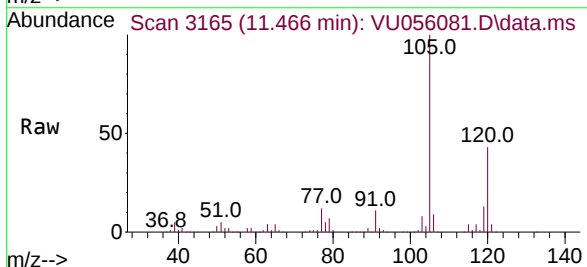
Instrument :
 MSVOA_U
 ClientSampleId :

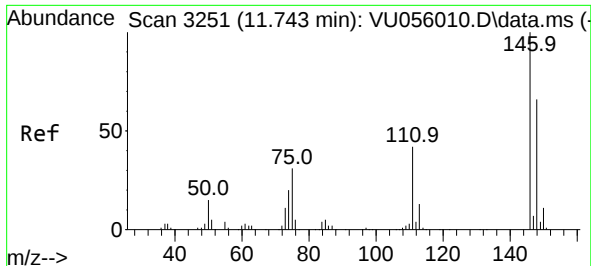
Tgt Ion:105 Resp: 321348
 Ion Ratio Lower Upper
 105 100
 120 46.2 37.4 56.2



#63
 1,2,4-Trimethylbenzene
 Concen: 5.319 ug/L
 RT: 11.466 min Scan# 3165
 Delta R.T. 0.003 min
 Lab File: VU056081.D
 Acq: 06 Nov 2023 10:28

Tgt Ion:105 Resp: 315792
 Ion Ratio Lower Upper
 105 100
 120 42.2 34.6 52.0

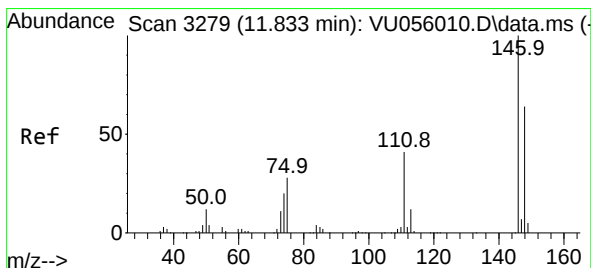
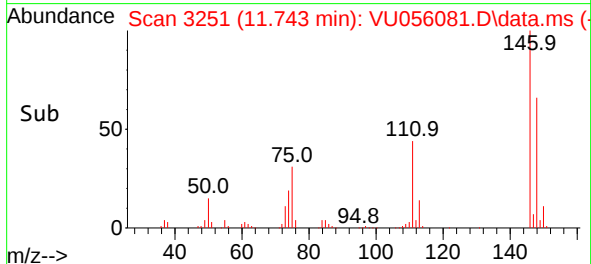
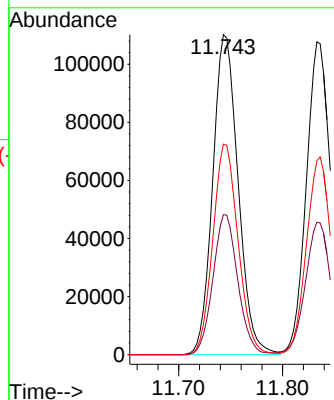
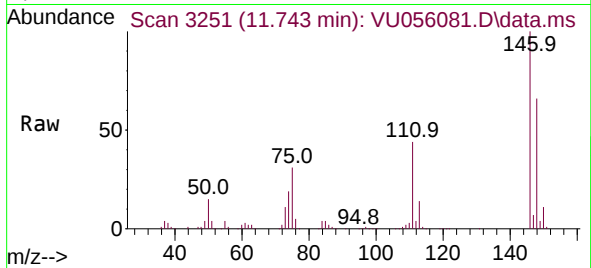




#64
1,3-Dichlorobenzene
Concen: 5.046 ug/L
RT: 11.743 min Scan# 3251
Delta R.T. -0.000 min
Lab File: VU056081.D
Acq: 06 Nov 2023 10:28

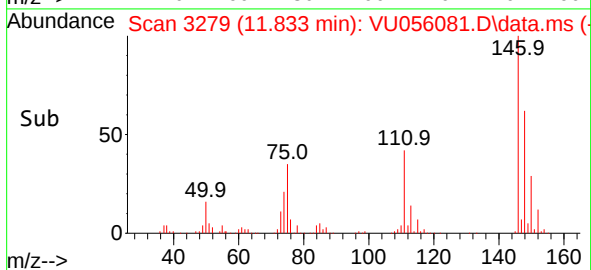
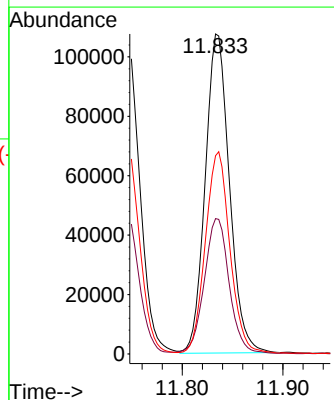
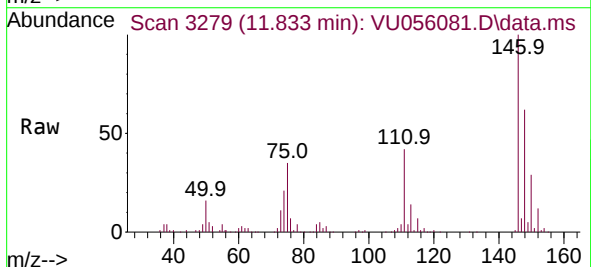
Instrument :
MSVOA_U
ClientSampleId :

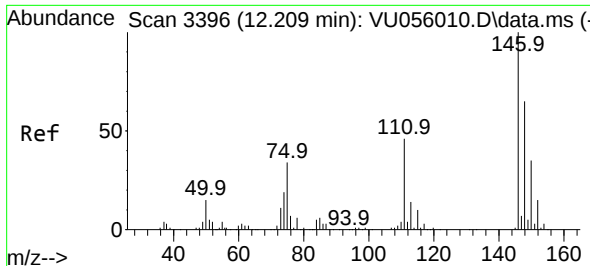
Tgt Ion:146 Resp: 187030
Ion Ratio Lower Upper
146 100
111 43.8 31.1 57.9
148 65.8 44.8 83.2



#65
1,4-Dichlorobenzene
Concen: 4.858 ug/L
RT: 11.833 min Scan# 3279
Delta R.T. -0.000 min
Lab File: VU056081.D
Acq: 06 Nov 2023 10:28

Tgt Ion:146 Resp: 179731
Ion Ratio Lower Upper
146 100
111 42.3 29.3 54.3
148 62.0 45.6 84.8





#67

1,2-Dichlorobenzene

Concen: 5.185 ug/L

RT: 12.209 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU056081.D

Acq: 06 Nov 2023 10:28

Instrument :

MSVOA_U

ClientSampleId :

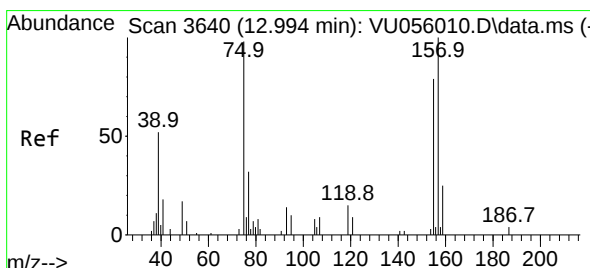
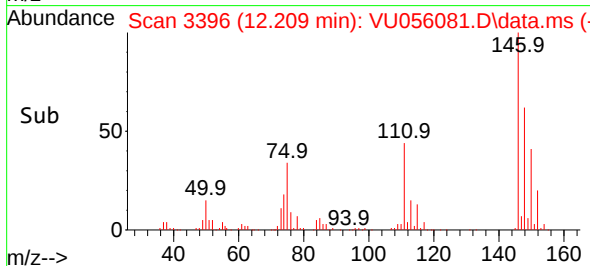
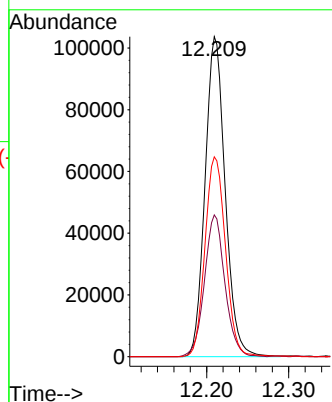
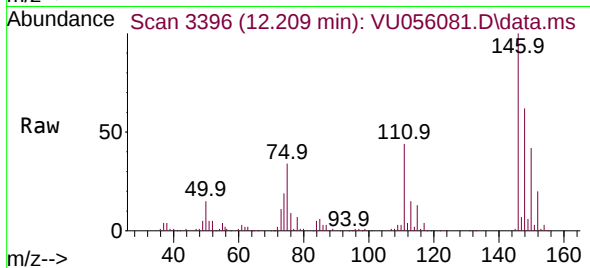
Tgt Ion:146 Resp: 176448

Ion Ratio Lower Upper

146 100

111 44.3 36.7 55.1

148 62.4 51.0 76.4



#68

1,2-Dibromo-3-chloropropane

Concen: 5.635 ug/L

RT: 12.994 min Scan# 3640

Delta R.T. -0.000 min

Lab File: VU056081.D

Acq: 06 Nov 2023 10:28

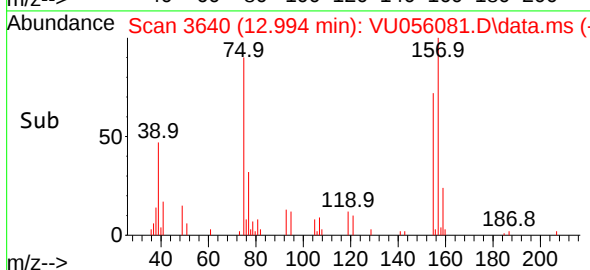
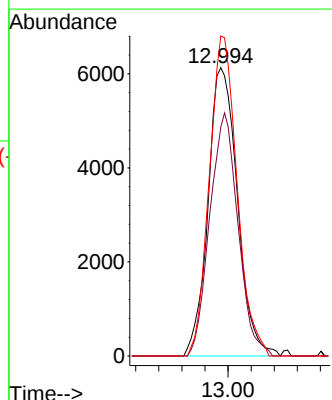
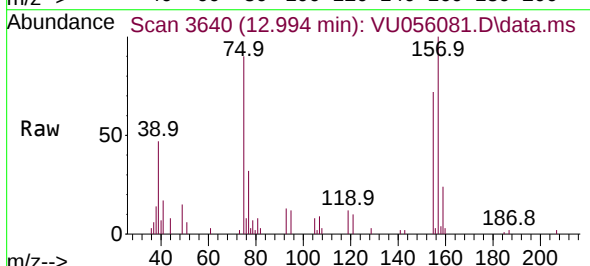
Tgt Ion: 75 Resp: 10833

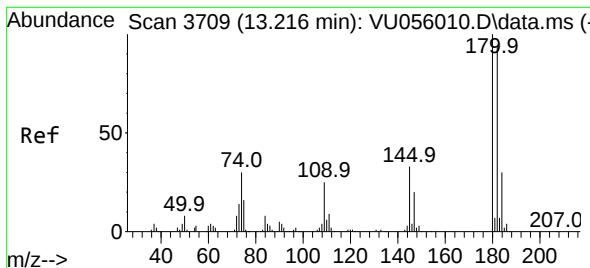
Ion Ratio Lower Upper

75 100

155 79.4 65.3 97.9

157 111.0 87.9 131.9





#69

1,3,5-Trichlorobenzene

Concen: 5.649 ug/L

RT: 13.219 min Scan# 31

Delta R.T. 0.003 min

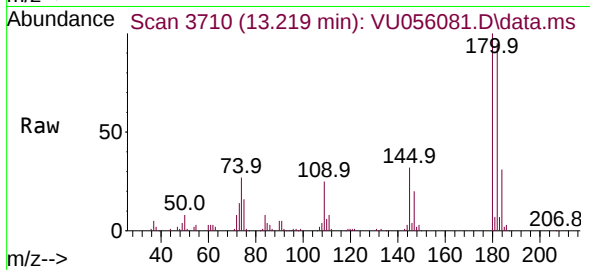
Lab File: VU056081.D

Acq: 06 Nov 2023 10:28

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 143091

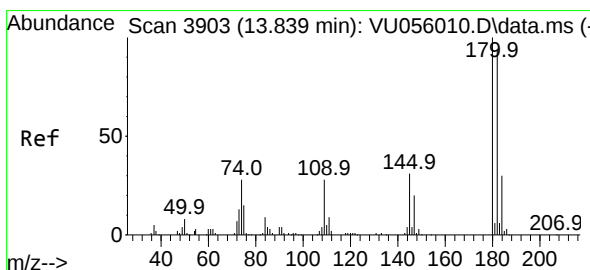
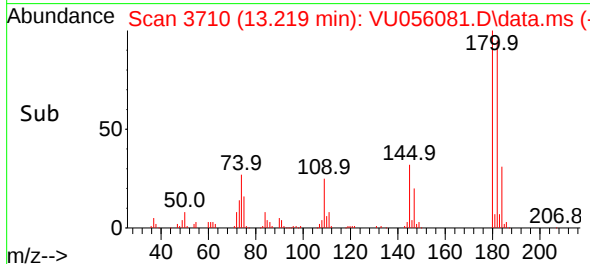
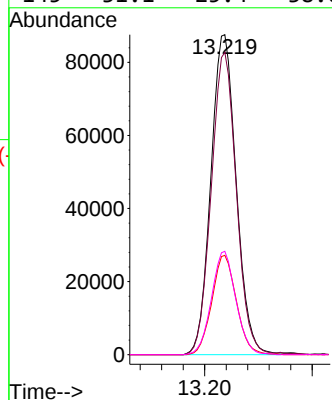
Ion Ratio Lower Upper

180 100

182 93.5 74.7 112.1

184 30.1 23.8 35.8

145 31.1 25.4 38.0



#70

1,2,4-trichlorobenzene

Concen: 5.657 ug/L

RT: 13.839 min Scan# 3903

Delta R.T. 0.003 min

Lab File: VU056081.D

Acq: 06 Nov 2023 10:28

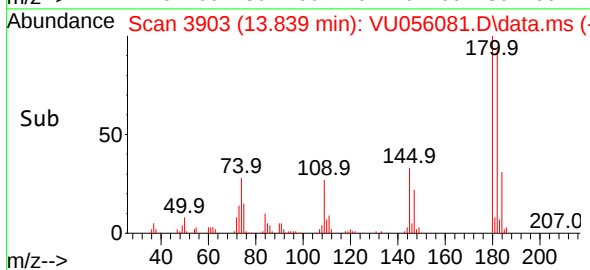
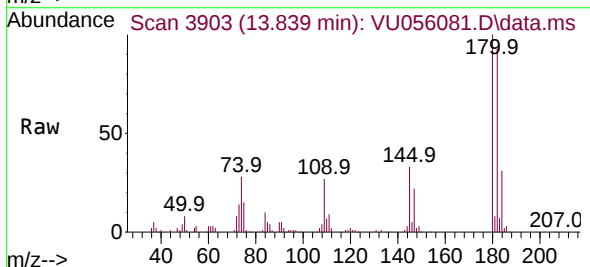
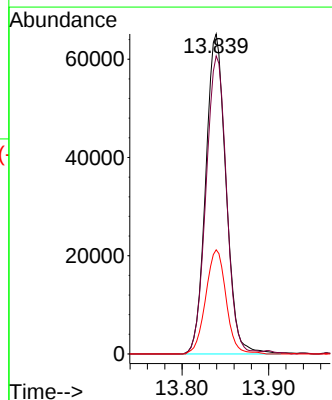
Tgt Ion:180 Resp: 105917

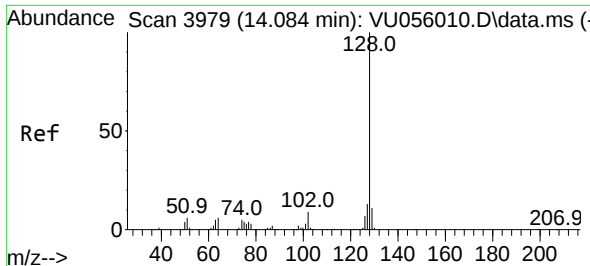
Ion Ratio Lower Upper

180 100

182 94.2 76.1 114.1

145 32.7 26.4 39.6

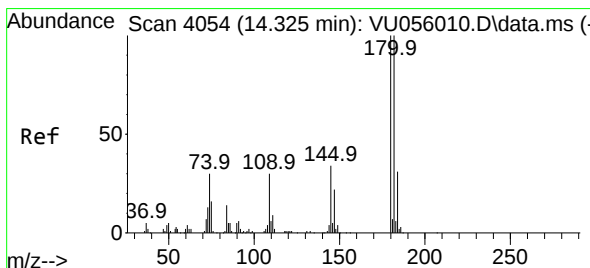
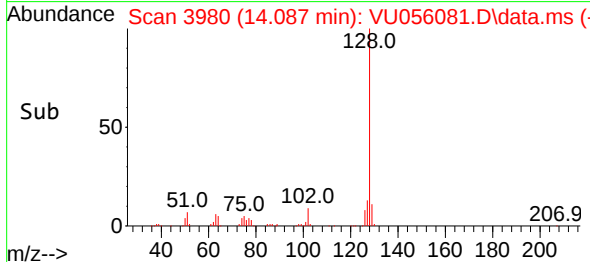
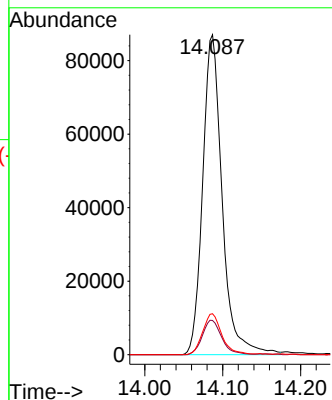
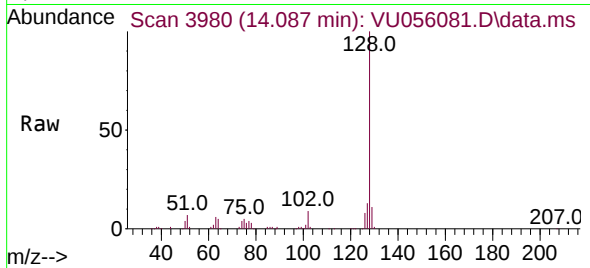




#71
Naphthalene
Concen: 5.572 ug/L
RT: 14.087 min Scan# 3979
Delta R.T. 0.003 min
Lab File: VU056081.D
Acq: 06 Nov 2023 10:28

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 151071
Ion Ratio Lower Upper
128 100
129 10.7 8.3 12.5
127 12.6 10.0 15.0



#72
1,2,3-Trichlorobenzene
Concen: 5.646 ug/L
RT: 14.328 min Scan# 4055
Delta R.T. 0.003 min
Lab File: VU056081.D
Acq: 06 Nov 2023 10:28

Tgt Ion:180 Resp: 91143
Ion Ratio Lower Upper
180 100
182 94.5 74.6 112.0
145 33.9 27.4 41.2

