

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U080822\
 Data File : U050180.D
 Acq On : 09 Aug 2022 13:42
 Operator : SY/MD
 Sample : N4070-14MSD
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 10 04:47:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Aug 09 03:59:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.305	114	84020	5.000	ug/L	0.05
28) Chlorobenzene-d5	9.433	117	85887	5.000	ug/L	0.02
58) 1,4-Dichlorobenzene-d4	11.816	152	40682	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.623	65	37373	5.345	ug/L	0.03
Spiked Amount	5.000	Range	40 - 130	Recovery	= 107.000%	
7) Chloroethane-d5	1.961	69	32485	5.758	ug/L	0.05
Spiked Amount	5.000	Range	65 - 130	Recovery	= 115.200%	
11) 1,1-Dichloroethene-d2	2.613	65	15296	5.597	ug/L	0.05
Spiked Amount	5.000	Range	60 - 125	Recovery	= 112.000%	
20) 2-Butanone-d5	4.710	46	84263	49.418	ug/L	0.07
Spiked Amount	50.000	Range	40 - 130	Recovery	= 98.840%	
24) Chloroform-d	5.109	84	72975	5.611	ug/L	0.05
Spiked Amount	5.000	Range	70 - 125	Recovery	= 112.200%	
26) 1,2-Dichloroethane-d4	5.777	65	36620	5.484	ug/L	0.07
Spiked Amount	5.000	Range	70 - 130	Recovery	= 109.600%	
32) Benzene-d6	5.797	84	139312	5.198	ug/L	0.07
Spiked Amount	5.000	Range	70 - 125	Recovery	= 104.000%	
36) 1,2-Dichloropropane-d6	6.742	67	48203	5.461	ug/L	0.05
Spiked Amount	5.000	Range	60 - 140	Recovery	= 109.200%	
41) Toluene-d8	7.925	98	127988	5.407	ug/L	0.03
Spiked Amount	5.000	Range	70 - 130	Recovery	= 108.200%	
43) trans-1,3-Dichloroprop...	8.205	79	16268	5.144	ug/L	0.03
Spiked Amount	5.000	Range	55 - 130	Recovery	= 102.800%	
46) 2-Hexanone-d5	8.658	63	69996	62.408	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	= 124.820%	
56) 1,1,2,2-Tetrachloroeth...	10.764	84	41260	5.323	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	= 106.400%	
66) 1,2-Dichlorobenzene-d4	12.198	152	40199	5.043	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	= 100.800%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.395	85	39926	5.183	ug/L	99
3) Chloromethane	1.540	50	51359	5.097	ug/L	99
5) Vinyl chloride	1.626	62	46702	5.174	ug/L	98
6) Bromomethane	1.903	94	25888	4.493	ug/L	97
8) Chloroethane	1.983	64	29411	5.530	ug/L	98
9) Trichlorofluoromethane	2.189	101	52834	5.345	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.626	101	27784	5.053	ug/L	99
12) 1,1-Dichloroethene	2.626	96	29359	5.055	ug/L	96
13) Acetone	2.697	43	37774	39.779	ug/L	92
14) Carbon disulfide	2.832	76	97965	4.723	ug/L	100
15) Methyl Acetate	3.009	43	12706	4.901	ug/L	96
16) Methylene chloride	3.089	84	37025	4.172	ug/L	93
17) Methyl tert-butyl Ether	3.433	73	88678	5.850	ug/L	99
18) trans-1,2-Dichloroethene	3.398	96	32428	4.987	ug/L	87
19) 1,1-Dichloroethane	3.925	63	67112	5.450	ug/L	98
21) 2-Butanone	4.790	43	75775	44.376	ug/L	96
22) cis-1,2-Dichloroethene	4.707	96	86459	11.979	ug/L	95
23) Bromochloromethane	5.015	128	18077	5.240	ug/L	98
25) Chloroform	5.134	83	68942	5.251	ug/L	99

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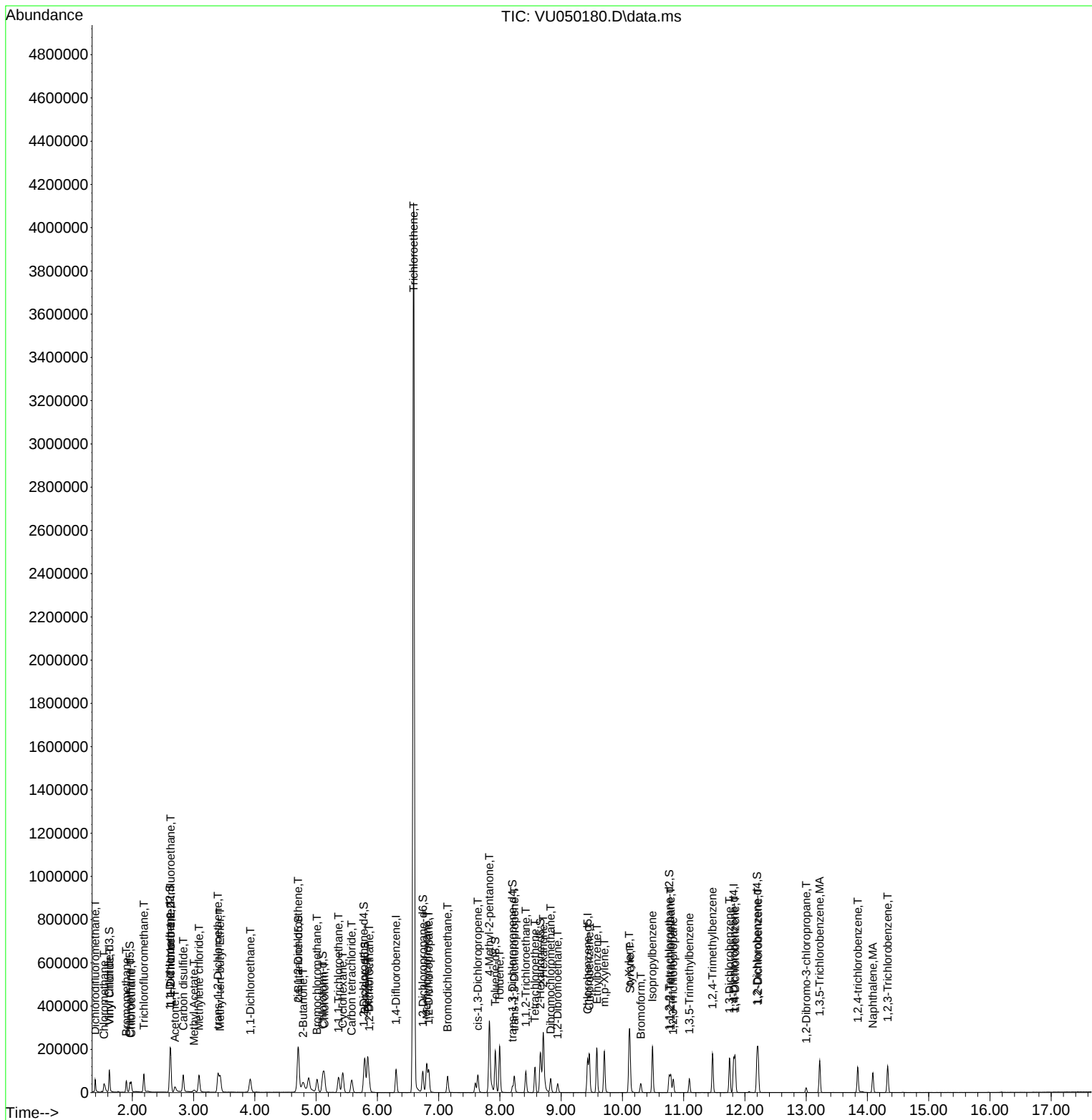
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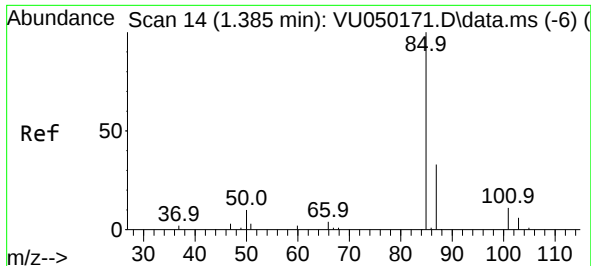
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.867	62	44596	5.582	ug/L	99
29) 1,1,1-Trichloroethane	5.366	97	53129	5.042	ug/L	98
30) Cyclohexane	5.436	56	43072	4.692	ug/L	99
31) Carbon tetrachloride	5.581	117	43267	5.010	ug/L	99
33) Benzene	5.842	78	152811	5.078	ug/L	100
34) Trichloroethene	6.591	95	1419196	195.002	ug/L	97
35) Methylcyclohexane	6.806	83	48060	5.116	ug/L	100
37) 1,2-Dichloropropane	6.838	63	41043	5.120	ug/L	99
38) Bromodichloromethane	7.147	83	50286	5.165	ug/L	99
39) cis-1,3-Dichloropropene	7.639	75	51174	4.892	ug/L	98
40) 4-Methyl-2-pentanone	7.829	43	247018	53.207	ug/L	98
42) Toluene	7.996	91	158875	5.264	ug/L	98
44) trans-1,3-Dichloropropene	8.234	75	44594	4.971	ug/L	99
45) 1,1,2-Trichloroethane	8.424	97	31014	5.176	ug/L	97
47) Tetrachloroethene	8.571	164	25915	4.970	ug/L	97
48) 2-Hexanone	8.710	43	201841	56.211	ug/L	96
49) Dibromochloromethane	8.829	129	34135	5.147	ug/L	97
50) 1,2-Dibromoethane	8.944	107	28514	5.248	ug/L	100
51) Chlorobenzene	9.462	112	94207	4.961	ug/L	98
52) Ethylbenzene	9.584	91	141390	4.801	ug/L	99
53) m,p-Xylene	9.706	106	54964	5.068	ug/L	99
54) o-Xylene	10.112	106	54465	5.031	ug/L	100
55) Styrene	10.124	104	89955	4.974	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.790	83	41413	5.260	ug/L	99
59) Bromoform	10.301	173	19398	4.755	ug/L	97
60) Isopropylbenzene	10.491	105	131079	4.825	ug/L	99
61) 1,2,3-Trichloropropane	10.829	75	27489	4.960	ug/L	98
62) 1,3,5-Trimethylbenzene	11.092	105	34598	4.507	ug/L	98
63) 1,2,4-Trimethylbenzene	11.472	105	96515	4.615	ug/L	99
64) 1,3-Dichlorobenzene	11.748	146	66513	4.857	ug/L	99
65) 1,4-Dichlorobenzene	11.841	146	64964	4.875	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	66560	5.019	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	6330	5.825	ug/L	95
69) 1,3,5-Trichlorobenzene	13.221	180	45149	4.628	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	35655	4.824	ug/L	99
71) Naphthalene	14.089	128	72928	4.812	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	37529	5.009	ug/L	98

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

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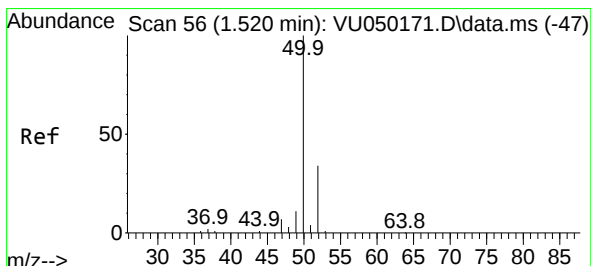
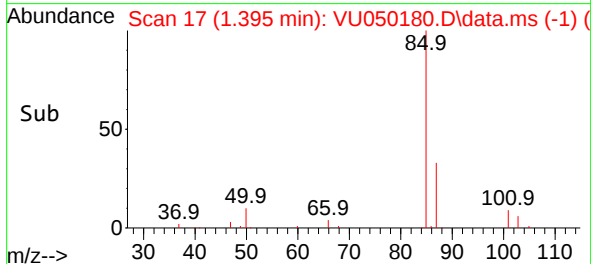
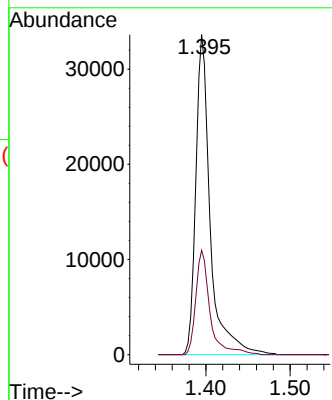
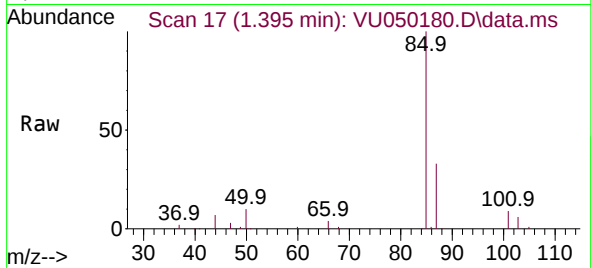




#2
Dichlorodifluoromethane
Concen: 5.183 ug/L
RT: 1.395 min Scan# 11
Delta R.T. 0.010 min
Lab File: VU050180.D
Acq: 09 Aug 2022 13:42

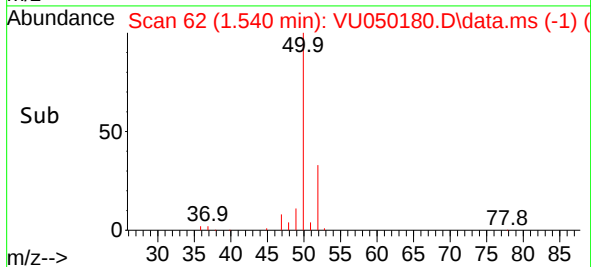
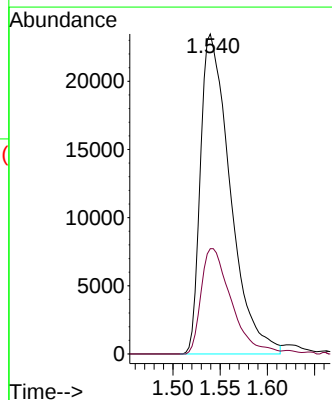
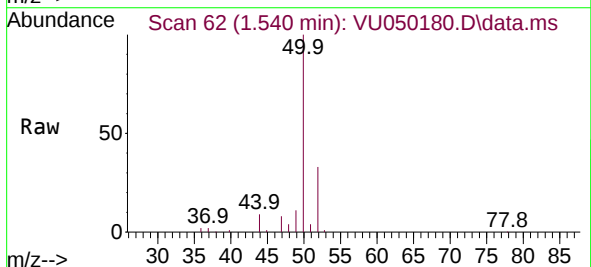
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MSVOA_U
ClientSampleId :

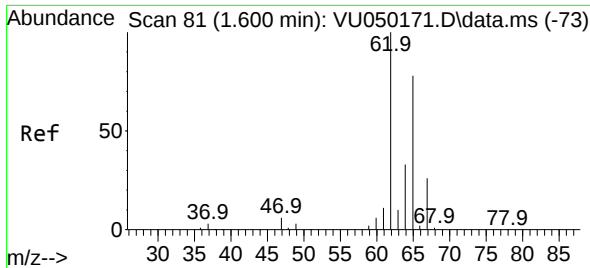
Tgt Ion: 85 Resp: 39926
Ion Ratio Lower Upper
85 100
87 32.2 26.2 39.4



#3
Chloromethane
Concen: 5.097 ug/L
RT: 1.540 min Scan# 62
Delta R.T. 0.019 min
Lab File: VU050180.D
Acq: 09 Aug 2022 13:42

Tgt Ion: 50 Resp: 51359
Ion Ratio Lower Upper
50 100
52 32.9 23.2 43.2

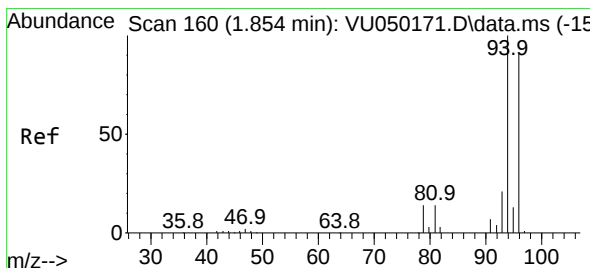
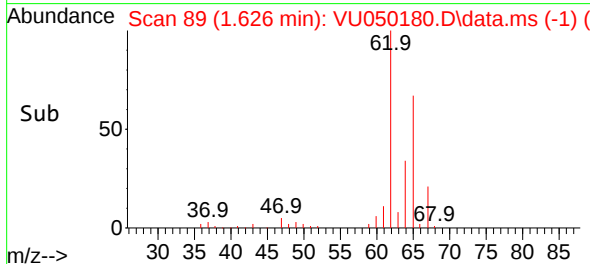
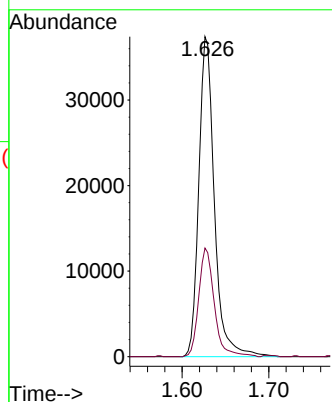
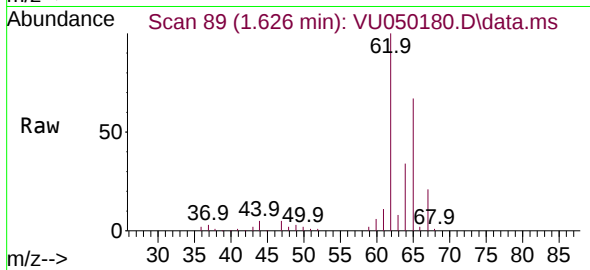




#5
 Vinyl chloride
 Concen: 5.174 ug/L
 RT: 1.626 min Scan# 81
 Delta R.T. 0.026 min
 Lab File: VU050180.D
 Acq: 09 Aug 2022 13:42

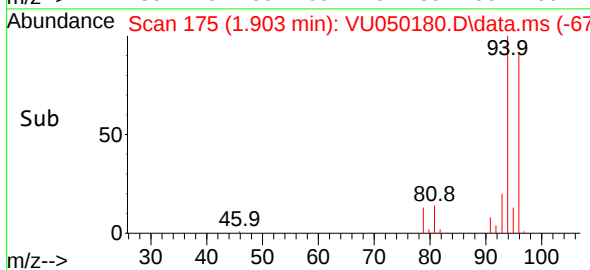
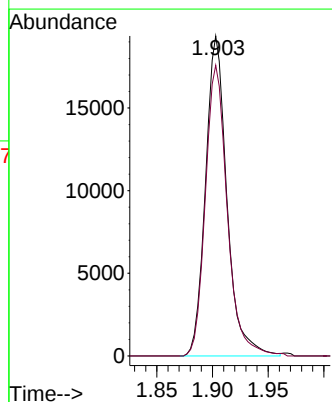
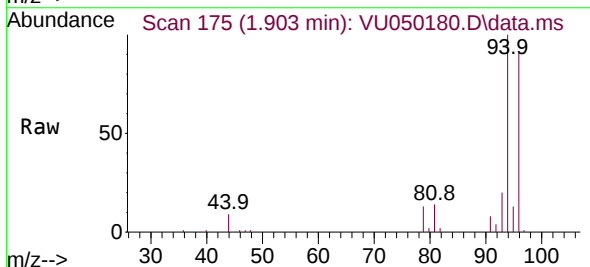
Instrument :
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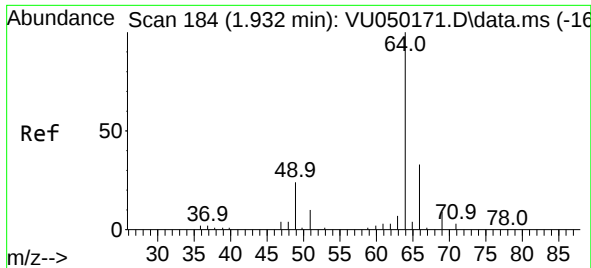
Tgt Ion: 62 Resp: 46702
 Ion Ratio Lower Upper
 62 100
 64 33.9 22.8 42.4



#6
 Bromomethane
 Concen: 4.493 ug/L
 RT: 1.903 min Scan# 175
 Delta R.T. 0.048 min
 Lab File: VU050180.D
 Acq: 09 Aug 2022 13:42

Tgt Ion: 94 Resp: 25888
 Ion Ratio Lower Upper
 94 100
 96 90.9 65.3 121.3

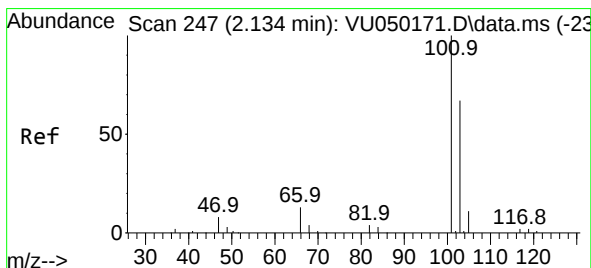
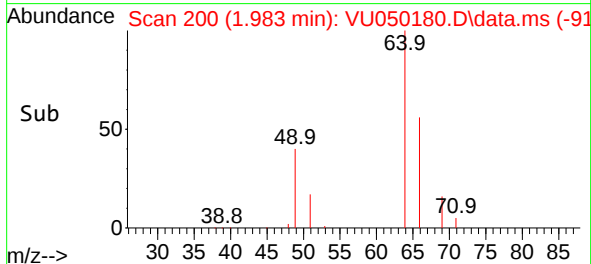
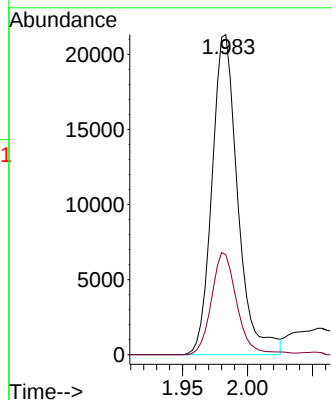
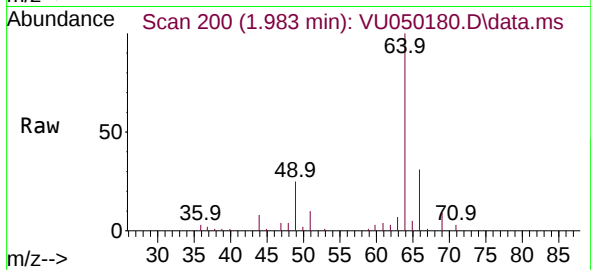




#8
Chloroethane
Concen: 5.530 ug/L
RT: 1.983 min Scan# 200
Delta R.T. 0.052 min
Lab File: VU050180.D
Acq: 09 Aug 2022 13:42

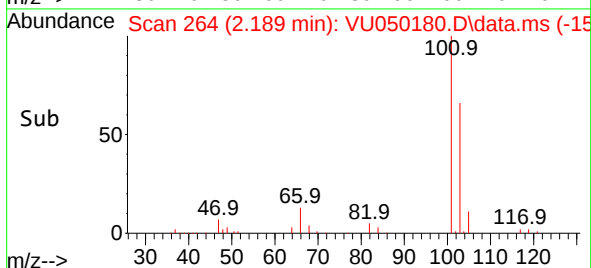
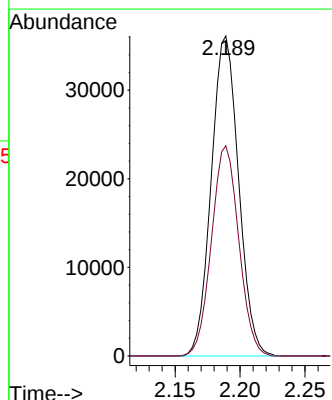
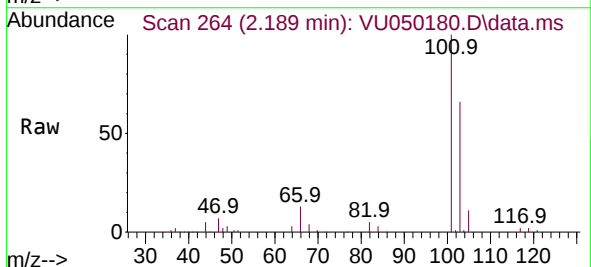
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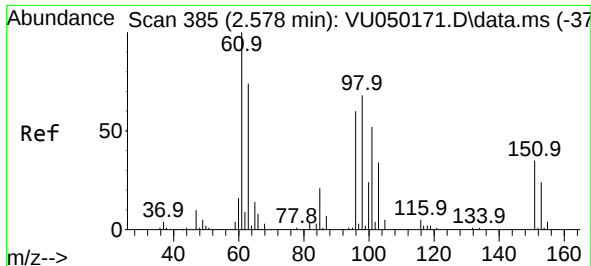
Tgt Ion: 64 Resp: 29411
Ion Ratio Lower Upper
64 100
66 31.3 22.8 42.4



#9
Trichlorofluoromethane
Concen: 5.345 ug/L
RT: 2.189 min Scan# 264
Delta R.T. 0.055 min
Lab File: VU050180.D
Acq: 09 Aug 2022 13:42

Tgt Ion: 101 Resp: 52834
Ion Ratio Lower Upper
101 100
103 65.6 52.6 78.8

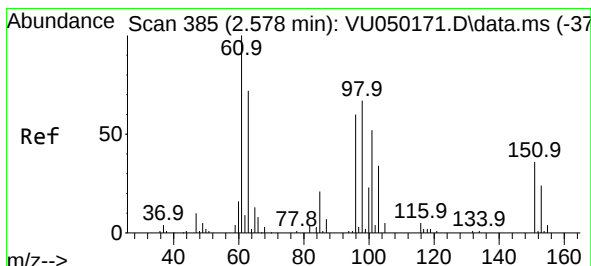
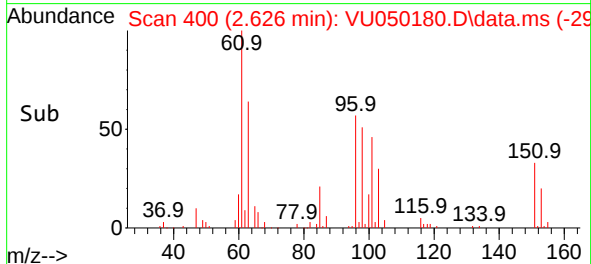
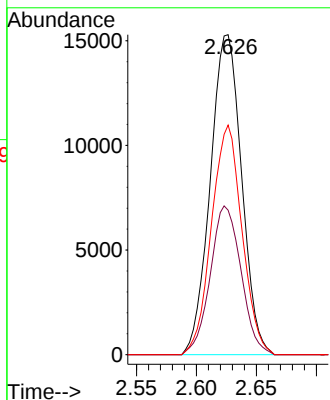
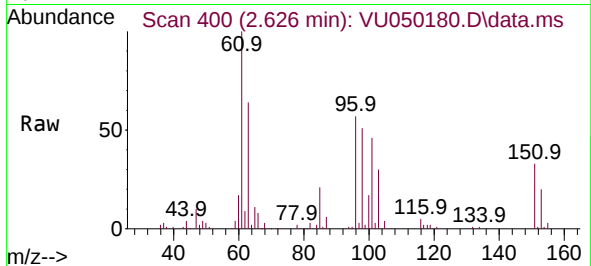




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.053 ug/L
 RT: 2.626 min Scan# 400
 Delta R.T. 0.052 min
 Lab File: VU050180.D
 Acq: 09 Aug 2022 13:42

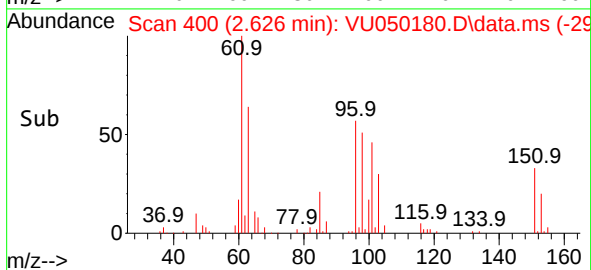
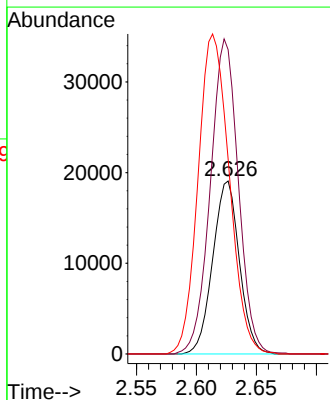
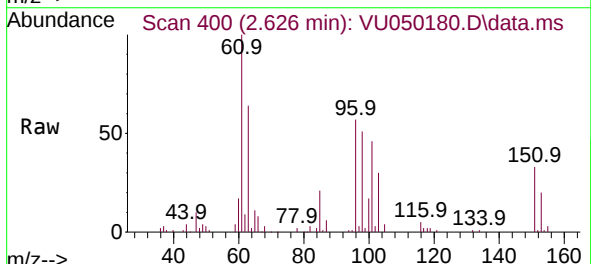
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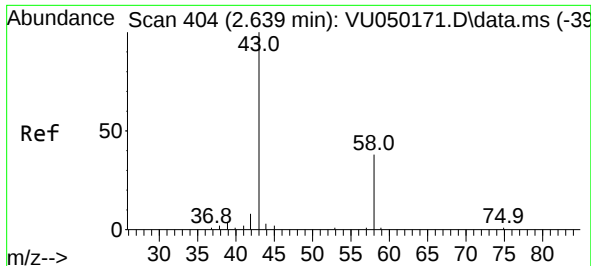
Tgt Ion:101 Resp: 27784
 Ion Ratio Lower Upper
 101 100
 85 45.6 35.6 53.4
 151 69.9 55.2 82.8



#12
 1,1-Dichloroethene
 Concen: 5.055 ug/L
 RT: 2.626 min Scan# 400
 Delta R.T. 0.052 min
 Lab File: VU050180.D
 Acq: 09 Aug 2022 13:42

Tgt Ion: 96 Resp: 29359
 Ion Ratio Lower Upper
 96 100
 61 176.0 122.7 227.9
 63 112.8 85.1 158.1





#13

Acetone

Concen: 39.779 ug/L

RT: 2.697 min Scan# 41

Delta R.T. 0.052 min

Lab File: VU050180.D

Acq: 09 Aug 2022 13:42

Instrument :

MSVOA_U

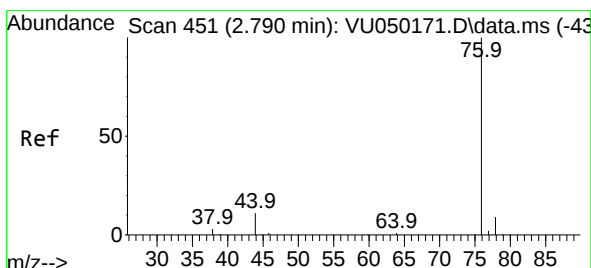
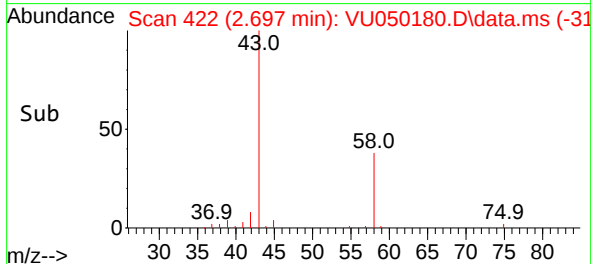
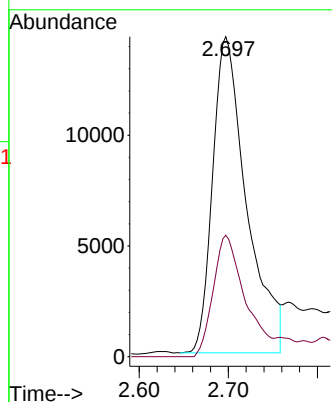
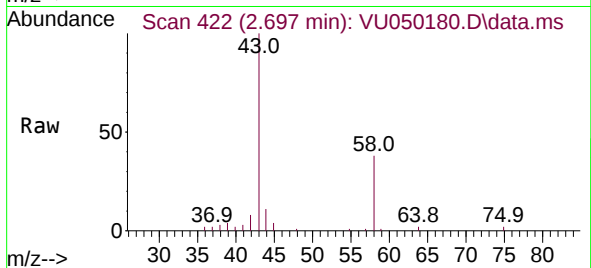
ClientSampleId :

Tgt Ion: 43 Resp: 37774

Ion Ratio Lower Upper

43 100

58 36.3 0.0 64.0



#14

Carbon disulfide

Concen: 4.723 ug/L

RT: 2.832 min Scan# 464

Delta R.T. 0.045 min

Lab File: VU050180.D

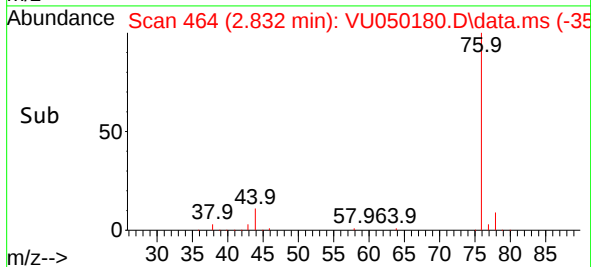
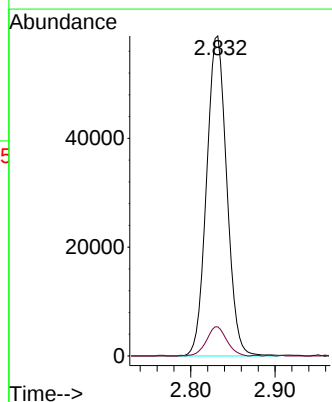
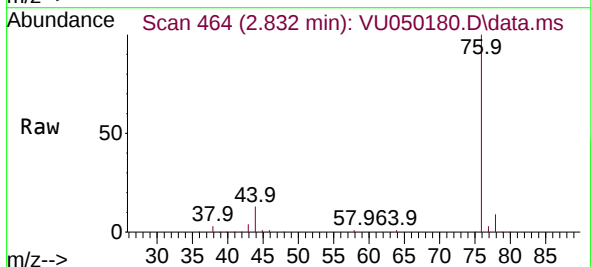
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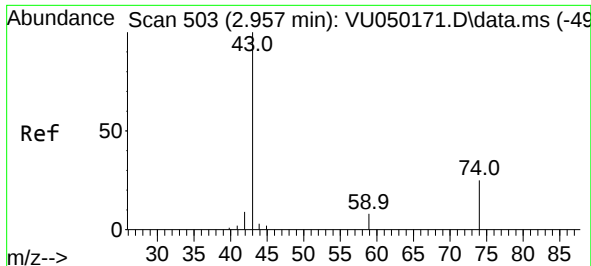
Tgt Ion: 76 Resp: 97965

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.0

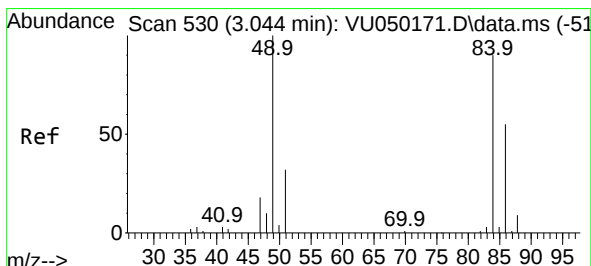
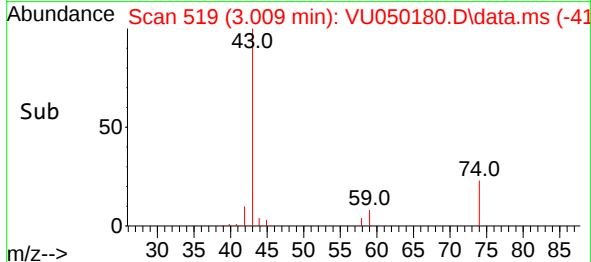
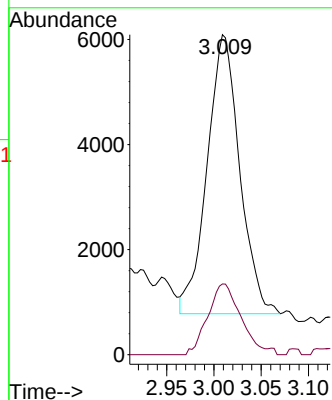
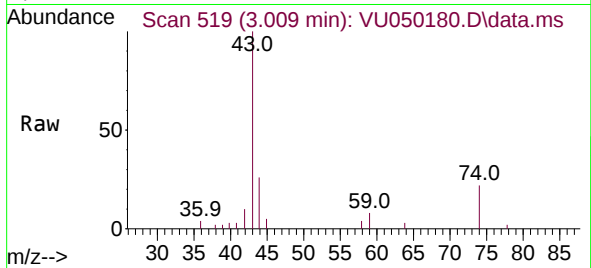




#15
Methyl Acetate
Concen: 4.901 ug/L
RT: 3.009 min Scan# 51
Delta R.T. 0.052 min
Lab File: VU050180.D
Acq: 09 Aug 2022 13:42

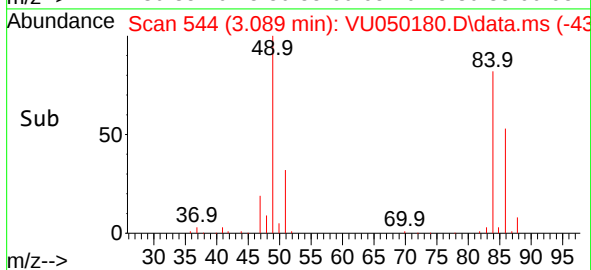
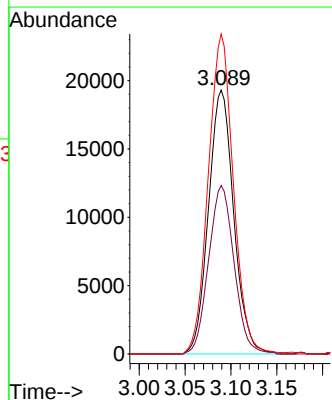
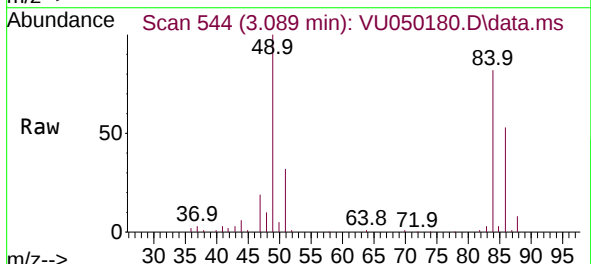
Instrument :
MSVOA_U
ClientSampleId :

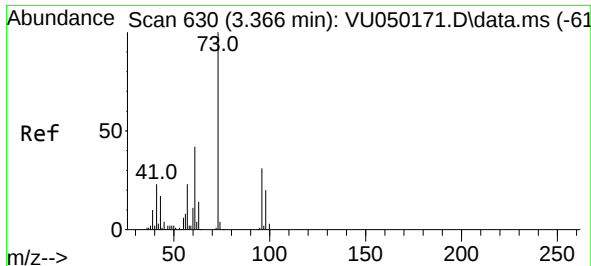
Tgt Ion: 43 Resp: 12706
Ion Ratio Lower Upper
43 100
74 26.0 22.7 34.1



#16
Methylene chloride
Concen: 4.172 ug/L
RT: 3.089 min Scan# 544
Delta R.T. 0.045 min
Lab File: VU050180.D
Acq: 09 Aug 2022 13:42

Tgt Ion: 84 Resp: 37025
Ion Ratio Lower Upper
84 100
86 63.9 45.9 85.3
49 121.3 77.6 144.0

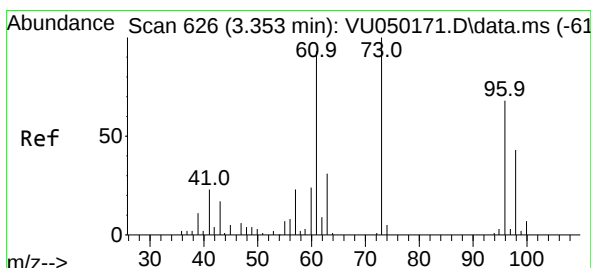
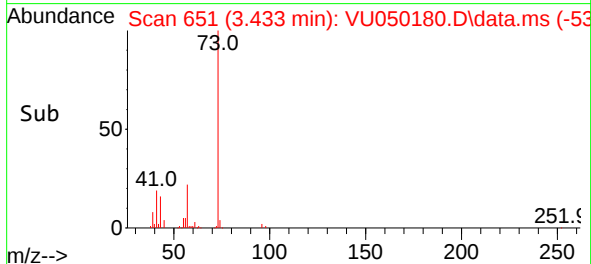
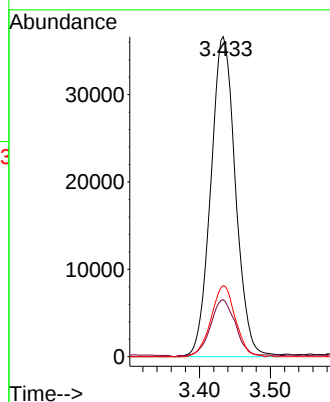
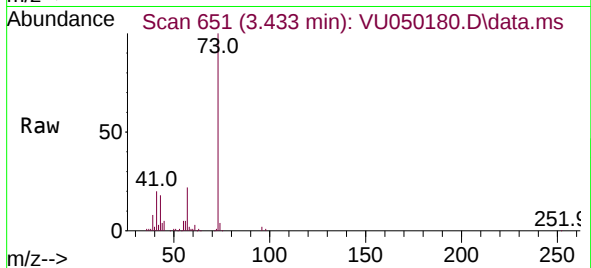




#17
Methyl tert-butyl Ether
Concen: 5.850 ug/L
RT: 3.433 min Scan# 61
Delta R.T. 0.064 min
Lab File: VU050180.D
Acq: 09 Aug 2022 13:42

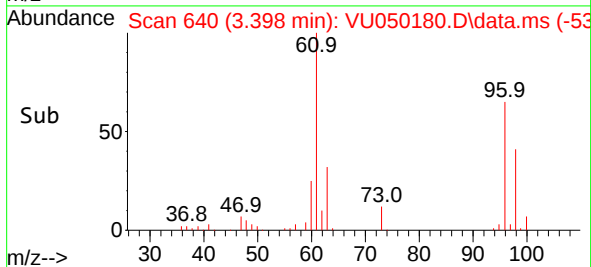
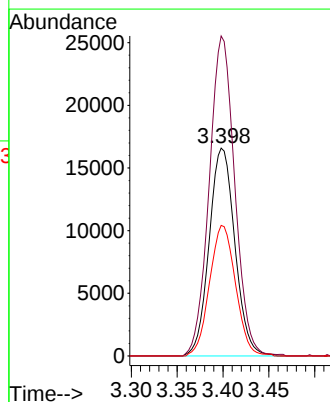
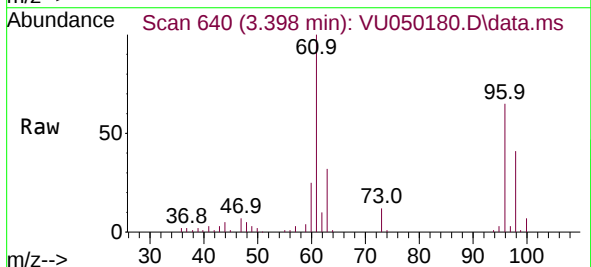
Instrument :
MSVOA_U
ClientSampleId :

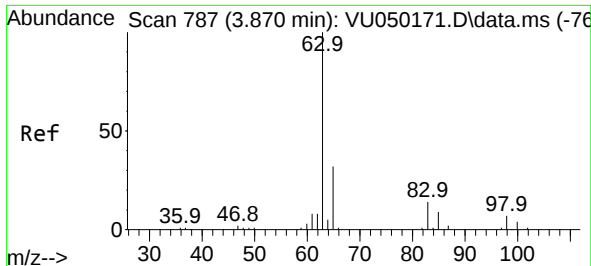
Tgt Ion: 73 Resp: 88678
Ion Ratio Lower Upper
73 100
43 17.5 13.5 20.3
57 21.8 17.4 26.2



#18
trans-1,2-Dichloroethene
Concen: 4.987 ug/L
RT: 3.398 min Scan# 640
Delta R.T. 0.048 min
Lab File: VU050180.D
Acq: 09 Aug 2022 13:42

Tgt Ion: 96 Resp: 32428
Ion Ratio Lower Upper
96 100
61 154.0 92.3 171.5
98 62.8 43.2 80.2

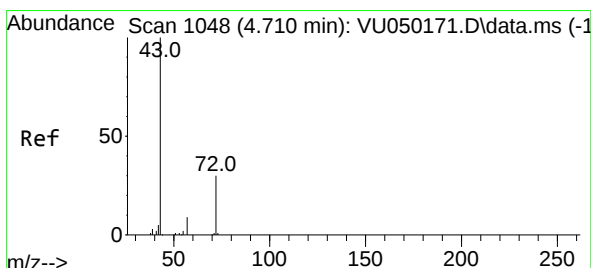
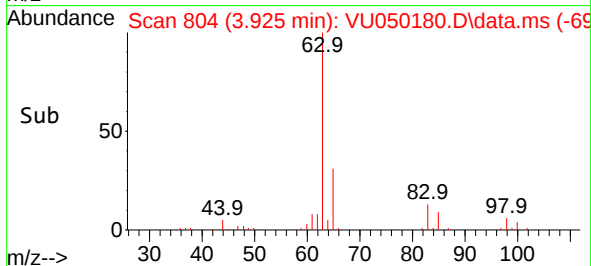
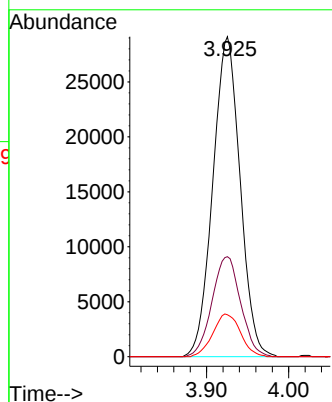
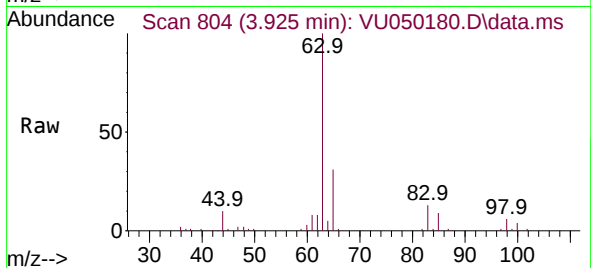




#19
1,1-Dichloroethane
Concen: 5.450 ug/L
RT: 3.925 min Scan# 80
Delta R.T. 0.058 min
Lab File: VU050180.D
Acq: 09 Aug 2022 13:42

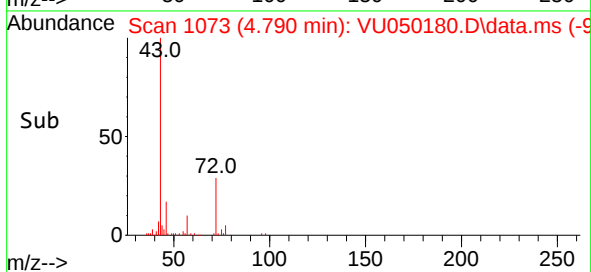
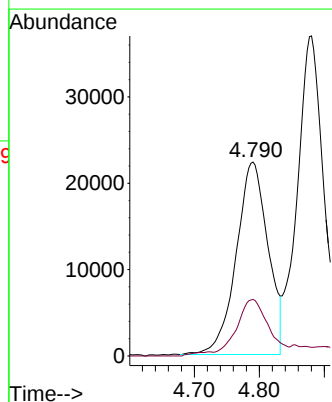
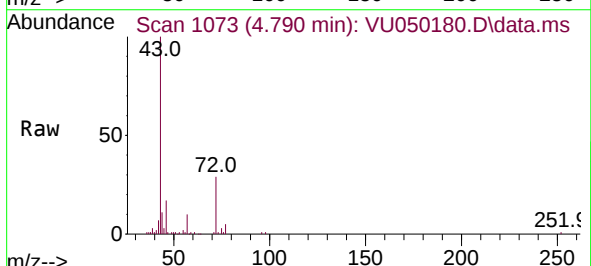
Instrument :
MSVOA_U
ClientSampleId :

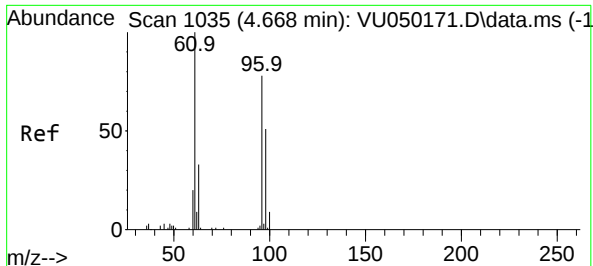
Tgt Ion: 63 Resp: 67112
Ion Ratio Lower Upper
63 100
65 31.2 22.7 42.3
83 13.1 9.8 18.2



#21
2-Butanone
Concen: 44.376 ug/L
RT: 4.790 min Scan# 1073
Delta R.T. 0.074 min
Lab File: VU050180.D
Acq: 09 Aug 2022 13:42

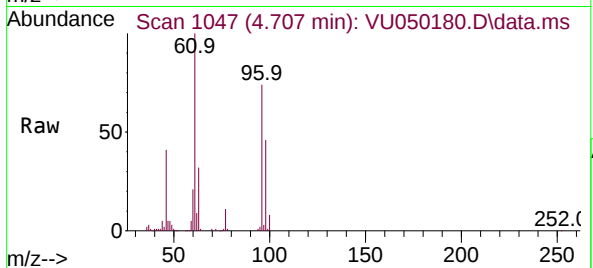
Tgt Ion: 43 Resp: 75775
Ion Ratio Lower Upper
43 100
72 25.8 14.0 42.0





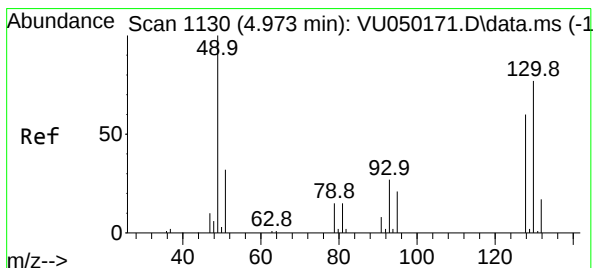
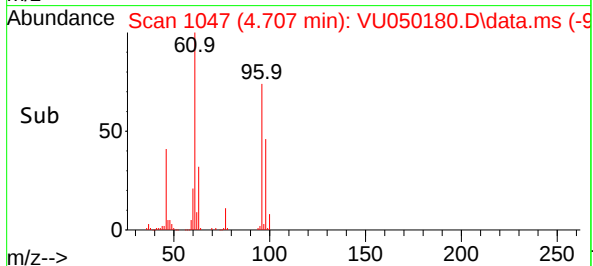
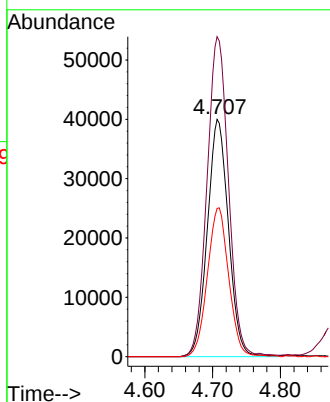
#22
 cis-1,2-Dichloroethene
 Concen: 11.979 ug/L
 RT: 4.707 min Scan# 1143
 Delta R.T. 0.039 min
 Lab File: VU050180.D
 Acq: 09 Aug 2022 13:42

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 96 Resp: 86459

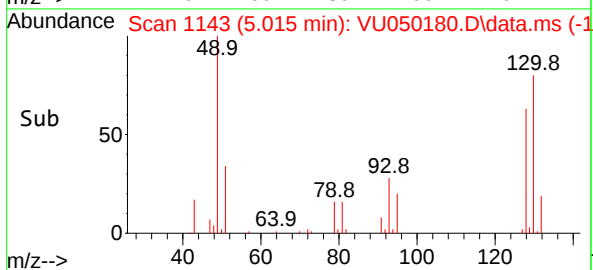
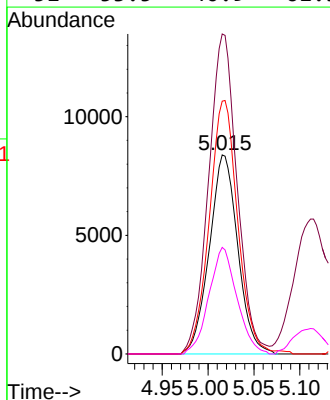
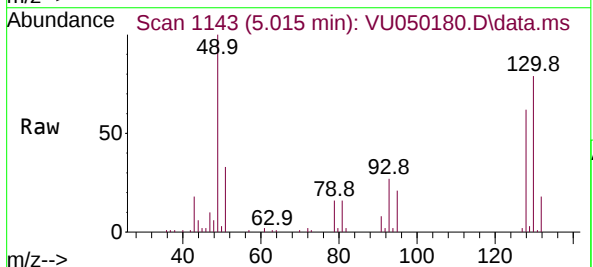
Ion	Ratio	Lower	Upper
96	100		
61	134.8	89.0	165.4
98	62.5	45.2	84.0

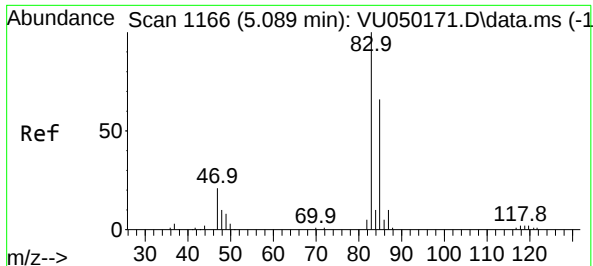


#23
 Bromochloromethane
 Concen: 5.240 ug/L
 RT: 5.015 min Scan# 1143
 Delta R.T. 0.039 min
 Lab File: VU050180.D
 Acq: 09 Aug 2022 13:42

Tgt Ion: 128 Resp: 18077

Ion	Ratio	Lower	Upper
128	100		
49	160.8	111.4	206.8
130	127.0	90.2	167.4
51	53.5	40.9	61.3





#25

Chloroform

Concen: 5.251 ug/L

RT: 5.134 min Scan# 1166

Delta R.T. 0.045 min

Lab File: VU050180.D

Acq: 09 Aug 2022 13:42

Instrument :

MSVOA_U

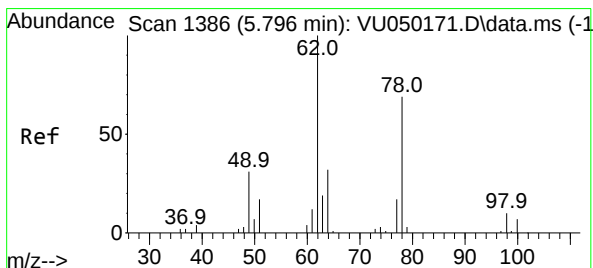
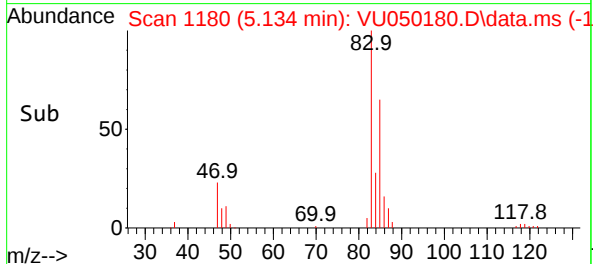
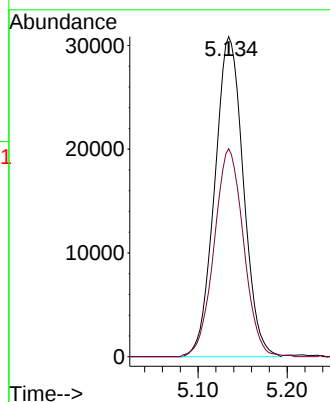
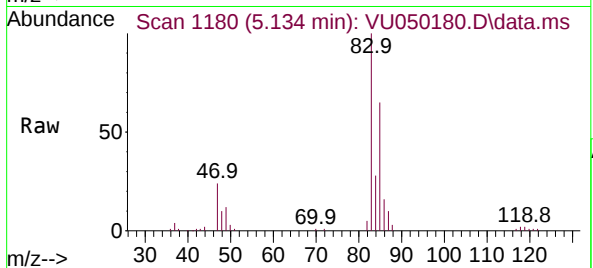
ClientSampleId :

Tgt Ion: 83 Resp: 68942

Ion Ratio Lower Upper

83 100

85 65.0 46.1 85.5



#27

1,2-Dichloroethane

Concen: 5.582 ug/L

RT: 5.867 min Scan# 1408

Delta R.T. 0.071 min

Lab File: VU050180.D

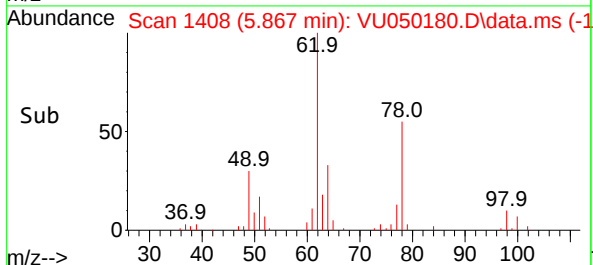
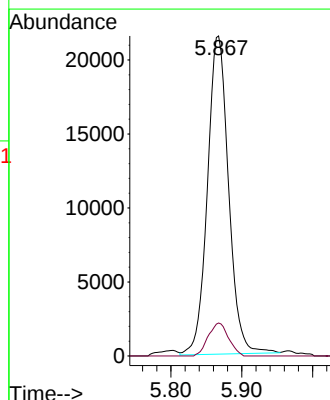
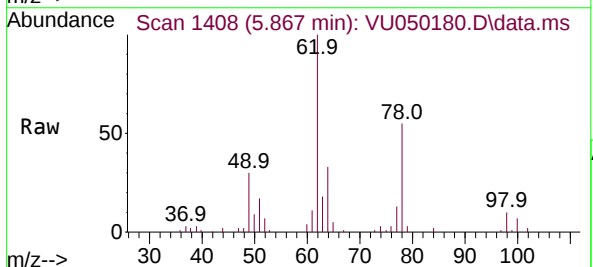
Acq: 09 Aug 2022 13:42

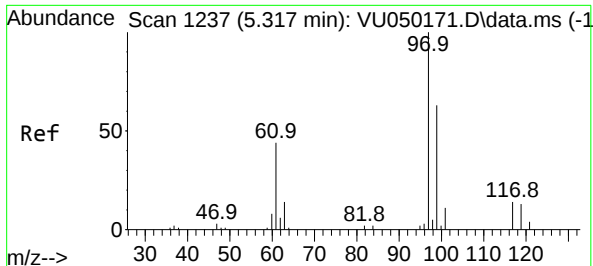
Tgt Ion: 62 Resp: 44596

Ion Ratio Lower Upper

62 100

98 10.3 7.8 11.8





#29

1,1,1-Trichloroethane

Concen: 5.042 ug/L

RT: 5.366 min Scan# 11

Delta R.T. 0.048 min

Lab File: VU050180.D

Acq: 09 Aug 2022 13:42

Instrument :

MSVOA_U

ClientSampleId :

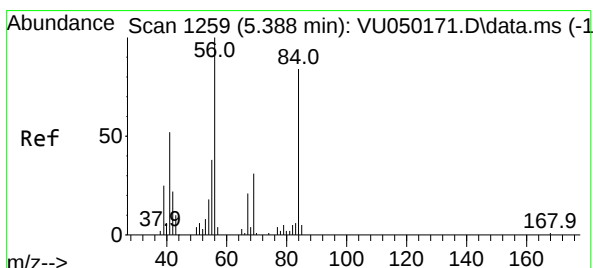
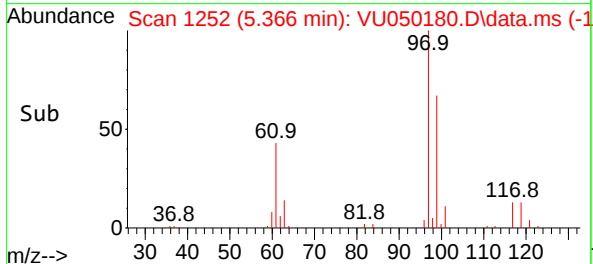
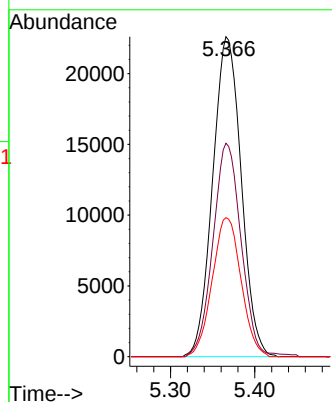
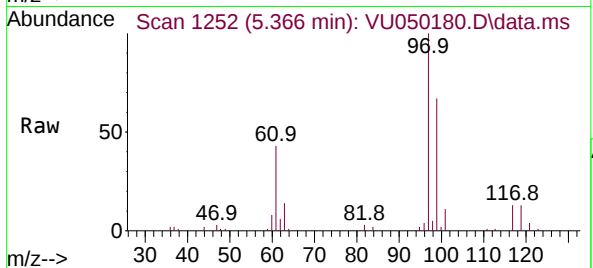
Tgt Ion: 97 Resp: 53129

Ion Ratio Lower Upper

97 100

99 66.0 51.5 77.3

61 43.9 34.2 51.4



#30

Cyclohexane

Concen: 4.692 ug/L

RT: 5.436 min Scan# 1274

Delta R.T. 0.048 min

Lab File: VU050180.D

Acq: 09 Aug 2022 13:42

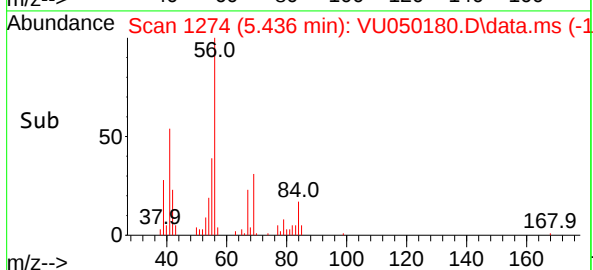
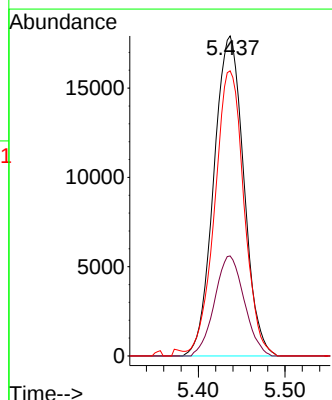
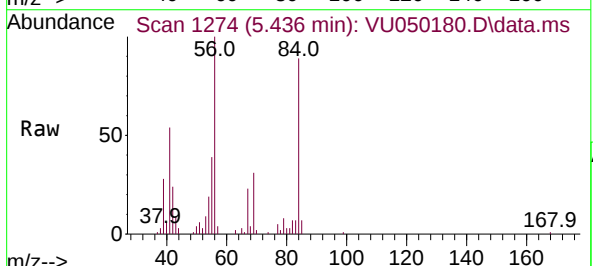
Tgt Ion: 56 Resp: 43072

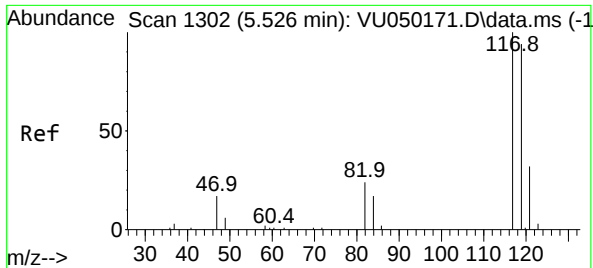
Ion Ratio Lower Upper

56 100

69 30.9 24.6 37.0

84 87.0 69.1 103.7

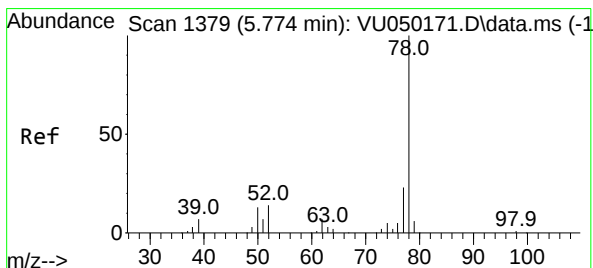
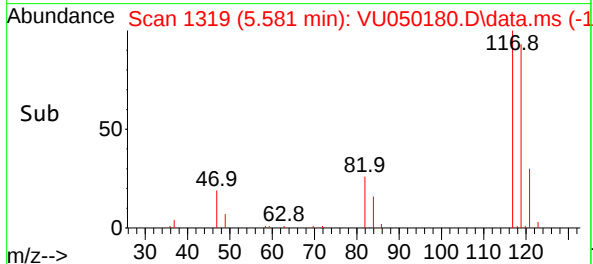
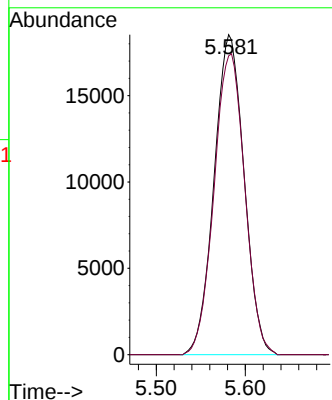
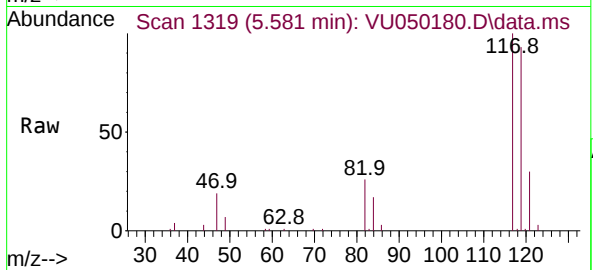




#31
Carbon tetrachloride
Concen: 5.010 ug/L
RT: 5.581 min Scan# 11
Delta R.T. 0.058 min
Lab File: VU050180.D
Acq: 09 Aug 2022 13:42

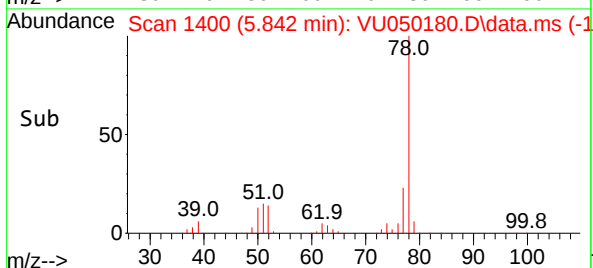
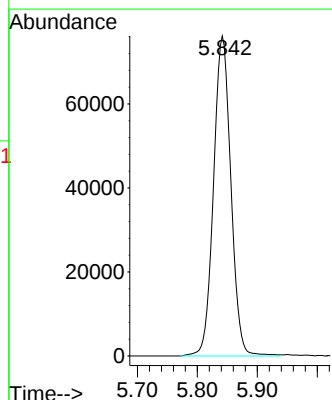
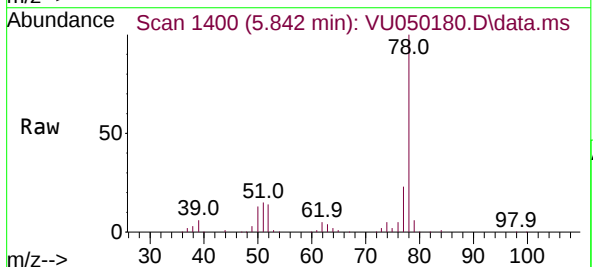
Instrument :
MSVOA_U
ClientSampleId :

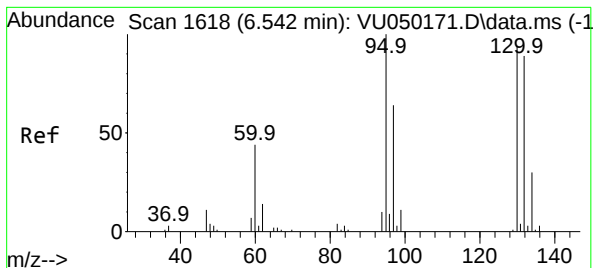
Tgt Ion:117 Resp: 43267
Ion Ratio Lower Upper
117 100
119 96.4 76.0 114.0



#33
Benzene
Concen: 5.078 ug/L
RT: 5.842 min Scan# 1400
Delta R.T. 0.068 min
Lab File: VU050180.D
Acq: 09 Aug 2022 13:42

Tgt Ion: 78 Resp: 152811





#34

Trichloroethene

Concen: 195.002 ug/L

RT: 6.591 min Scan# 1

Delta R.T. 0.048 min

Lab File: VU050180.D

Acq: 09 Aug 2022 13:42

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 1419196

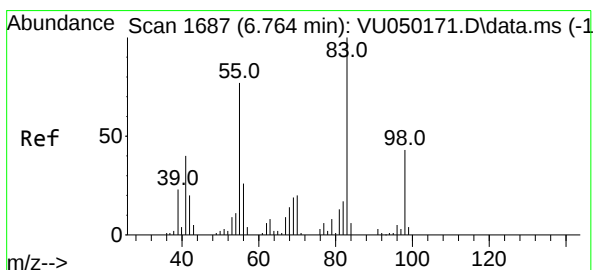
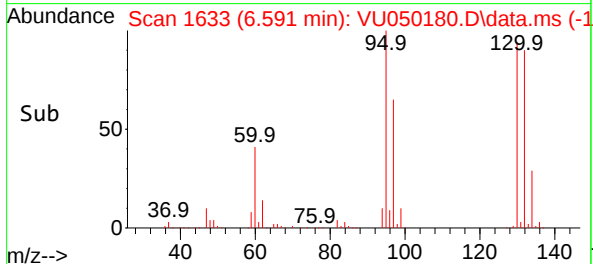
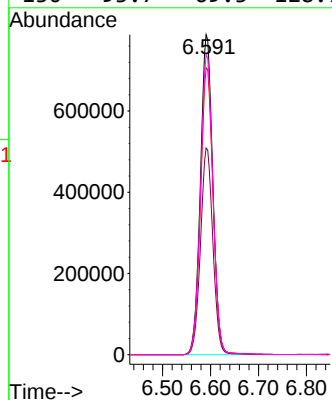
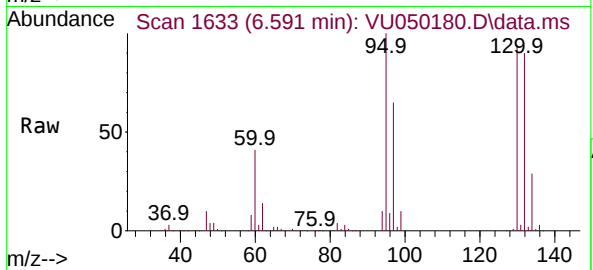
Ion Ratio Lower Upper

95 100

97 64.6 45.6 84.8

132 89.6 65.0 120.6

130 93.7 69.3 128.7



#35

Methylcyclohexane

Concen: 5.116 ug/L

RT: 6.806 min Scan# 1700

Delta R.T. 0.042 min

Lab File: VU050180.D

Acq: 09 Aug 2022 13:42

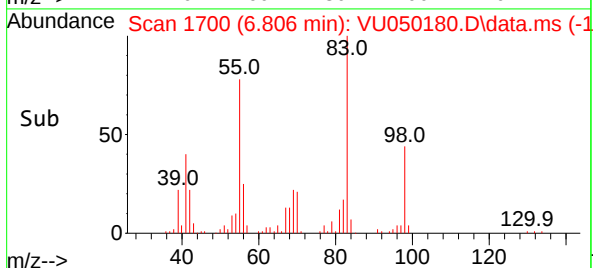
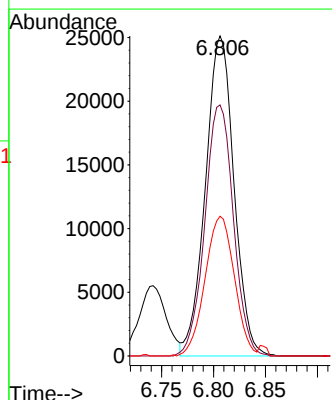
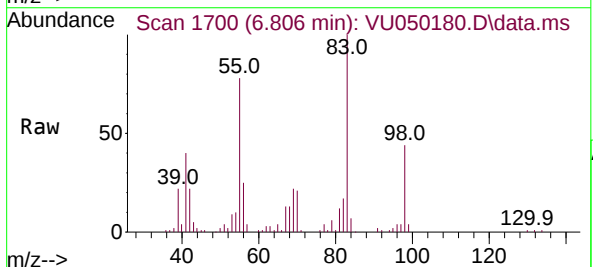
Tgt Ion: 83 Resp: 48060

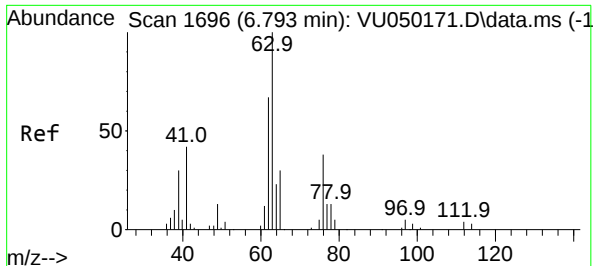
Ion Ratio Lower Upper

83 100

55 78.5 62.7 94.1

98 44.8 36.2 54.2





#37

1,2-Dichloropropane

Concen: 5.120 ug/L

RT: 6.838 min Scan# 1

Delta R.T. 0.045 min

Lab File: VU050180.D

Acq: 09 Aug 2022 13:42

Instrument :

MSVOA_U

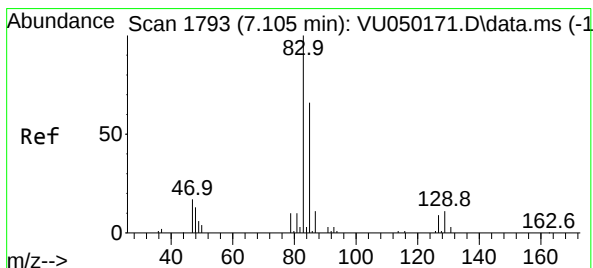
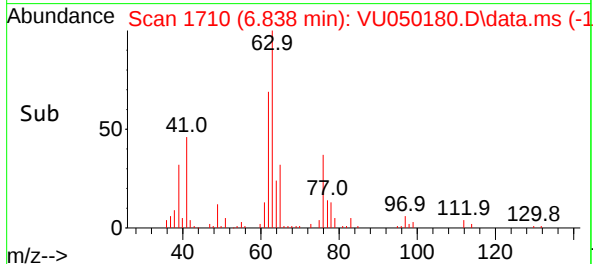
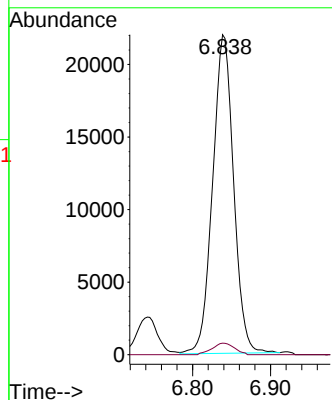
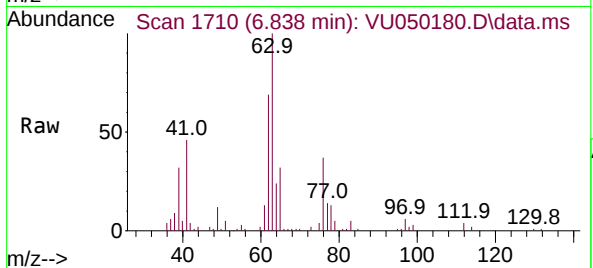
ClientSampleId :

Tgt Ion: 63 Resp: 41043

Ion Ratio Lower Upper

63 100

112 3.9 3.0 4.4



#38

Bromodichloromethane

Concen: 5.165 ug/L

RT: 7.147 min Scan# 1806

Delta R.T. 0.039 min

Lab File: VU050180.D

Acq: 09 Aug 2022 13:42

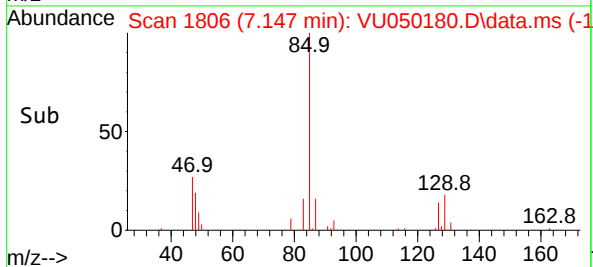
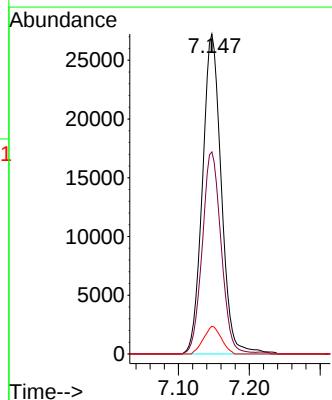
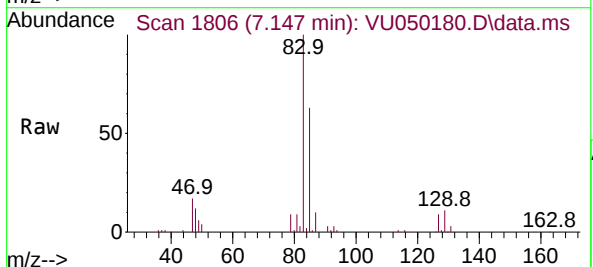
Tgt Ion: 83 Resp: 50286

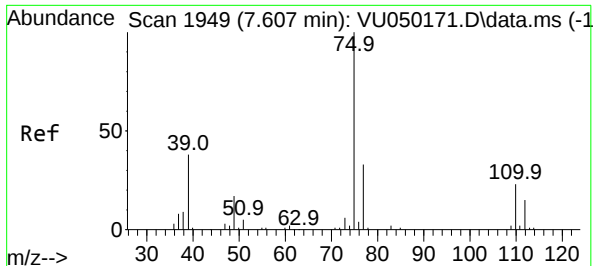
Ion Ratio Lower Upper

83 100

85 63.2 45.1 83.7

127 8.6 6.8 10.2





#39

cis-1,3-Dichloropropene

Concen: 4.892 ug/L

RT: 7.639 min Scan# 1949

Delta R.T. 0.029 min

Lab File: VU050180.D

Acq: 09 Aug 2022 13:42

Instrument :

MSVOA_U

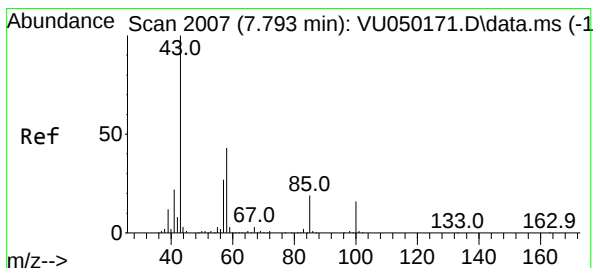
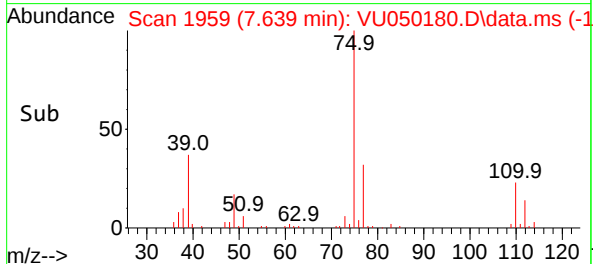
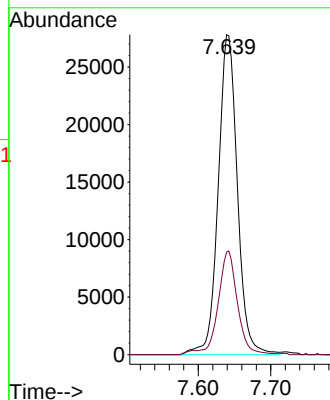
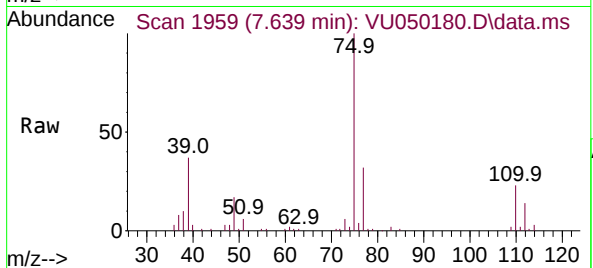
ClientSampleId :

Tgt Ion: 75 Resp: 51174

Ion Ratio Lower Upper

75 100

77 32.1 21.8 40.4



#40

4-Methyl-2-pentanone

Concen: 53.207 ug/L

RT: 7.829 min Scan# 2018

Delta R.T. 0.035 min

Lab File: VU050180.D

Acq: 09 Aug 2022 13:42

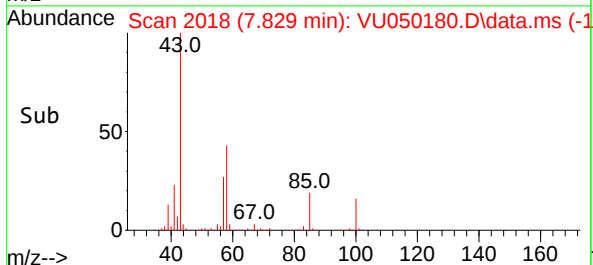
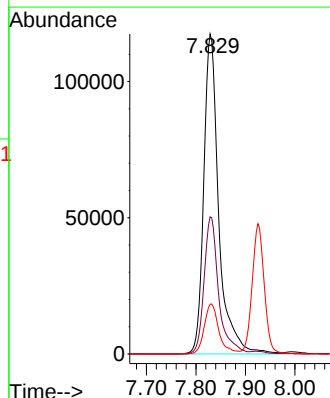
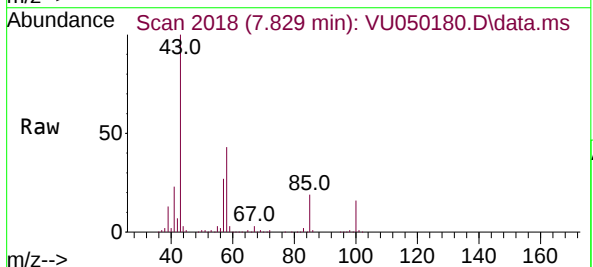
Tgt Ion: 43 Resp: 247018

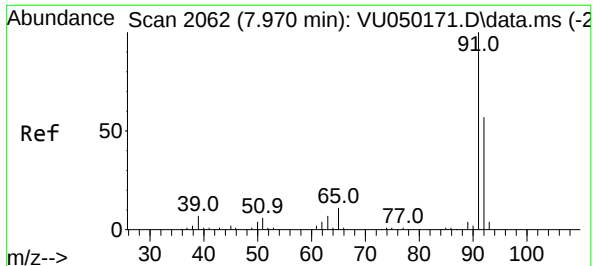
Ion Ratio Lower Upper

43 100

58 41.8 34.6 51.8

100 15.4 13.0 19.4

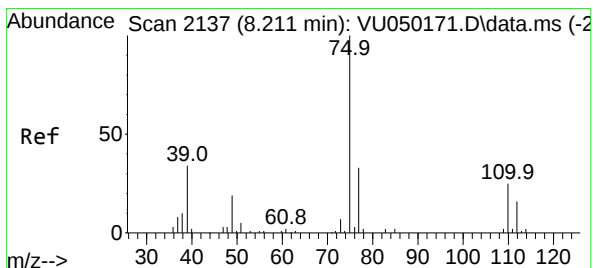
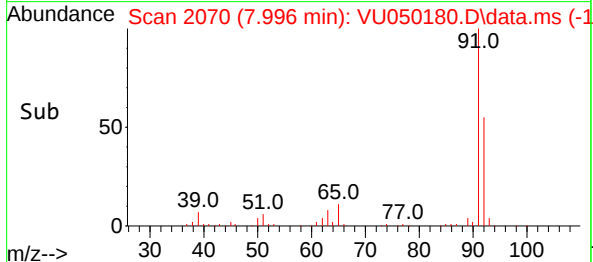
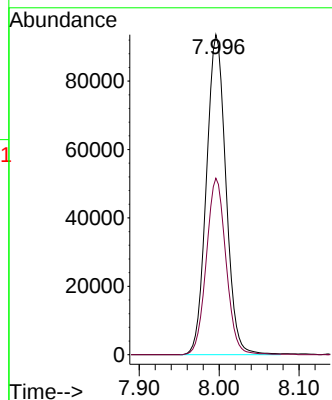
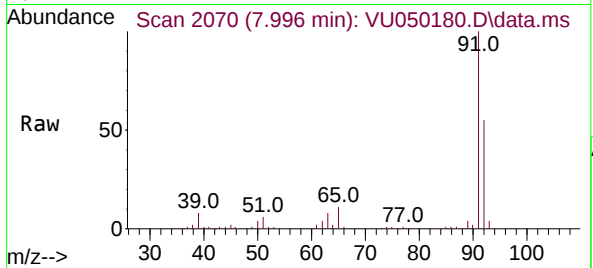




#42
Toluene
Concen: 5.264 ug/L
RT: 7.996 min Scan# 2062
Delta R.T. 0.026 min
Lab File: VU050180.D
Acq: 09 Aug 2022 13:42

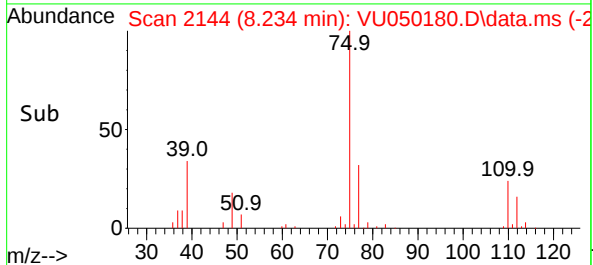
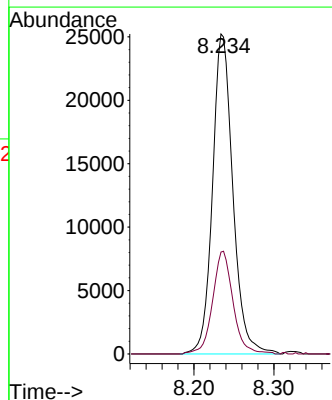
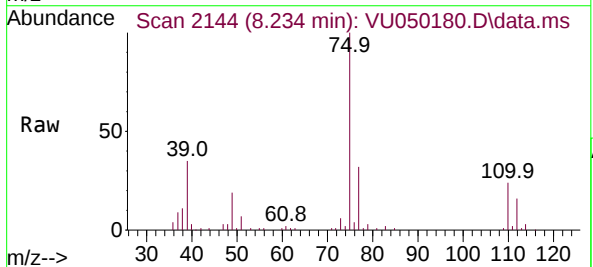
Instrument :
MSVOA_U
ClientSampleId :

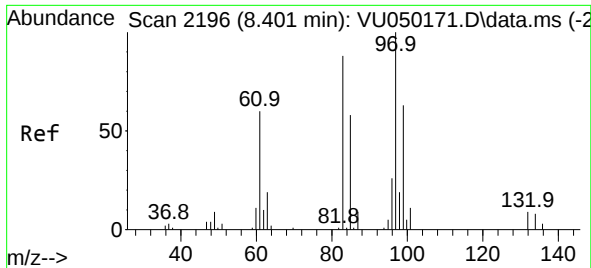
Tgt Ion: 91 Resp: 158875
Ion Ratio Lower Upper
91 100
92 55.1 39.8 74.0



#44
trans-1,3-Dichloropropene
Concen: 4.971 ug/L
RT: 8.234 min Scan# 2144
Delta R.T. 0.023 min
Lab File: VU050180.D
Acq: 09 Aug 2022 13:42

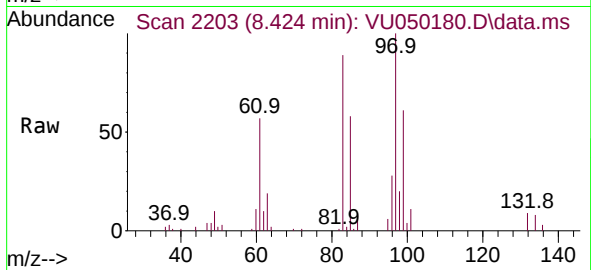
Tgt Ion: 75 Resp: 44594
Ion Ratio Lower Upper
75 100
77 31.8 22.0 40.8



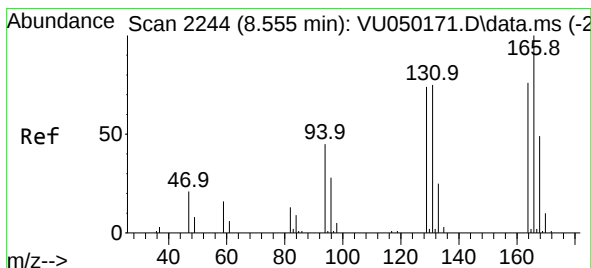
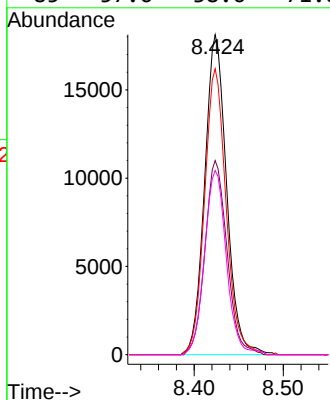
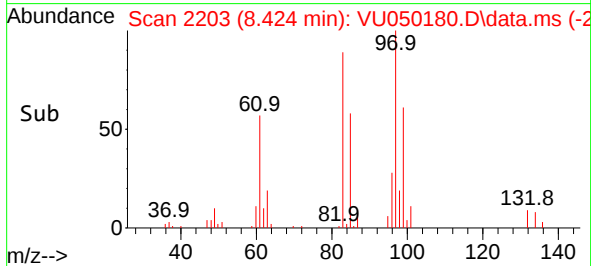


#45
1,1,2-Trichloroethane
Concen: 5.176 ug/L
RT: 8.424 min Scan# 2196
Delta R.T. 0.023 min
Lab File: VU050180.D
Acq: 09 Aug 2022 13:42

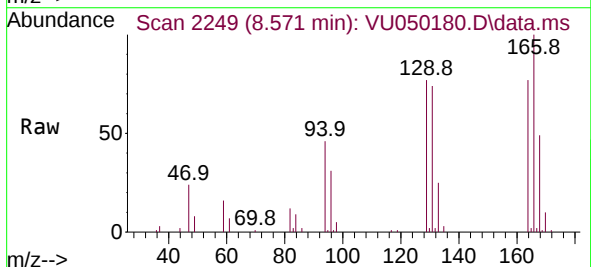
Instrument :
MSVOA_U
ClientSampleId :



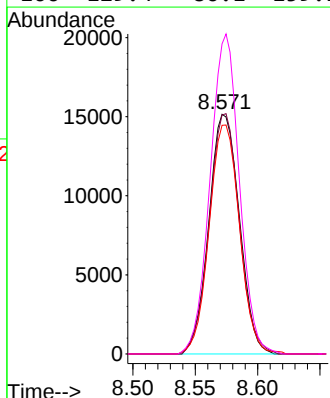
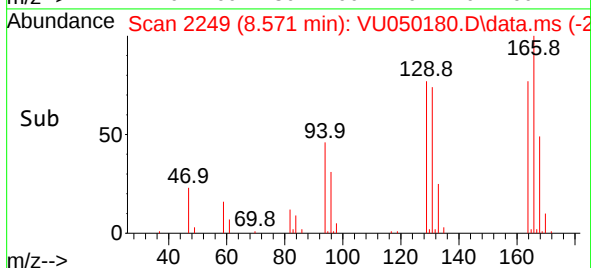
Tgt Ion:	97	Resp:	31014
Ion	Ratio	Lower	Upper
97	100		
99	60.6	42.2	78.4
83	89.4	59.6	110.6
85	57.6	38.6	71.8

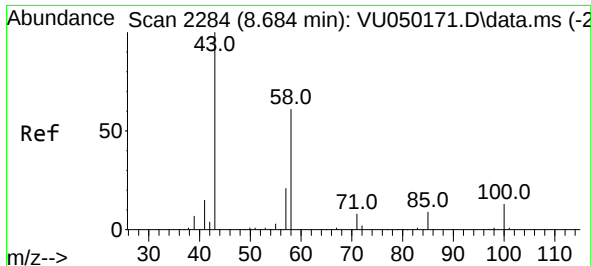


#47
Tetrachloroethene
Concen: 4.970 ug/L
RT: 8.571 min Scan# 2249
Delta R.T. 0.016 min
Lab File: VU050180.D
Acq: 09 Aug 2022 13:42



Tgt Ion:	164	Resp:	25915
Ion	Ratio	Lower	Upper
164	100		
129	99.7	69.0	128.1
131	95.4	65.8	122.2
166	129.4	86.1	159.9

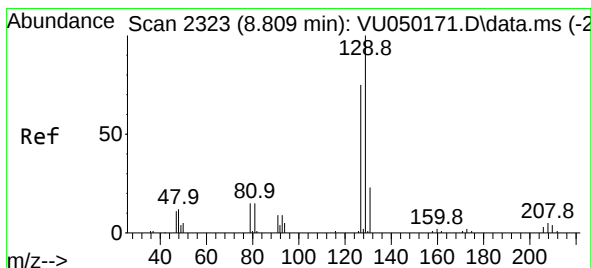
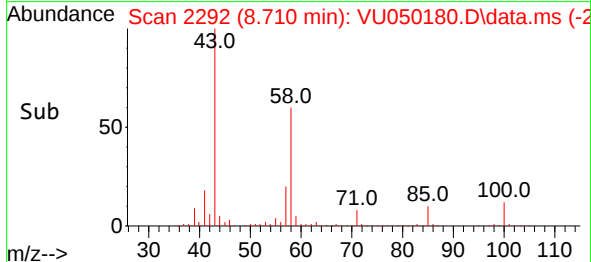
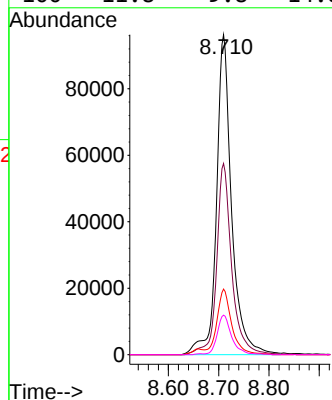
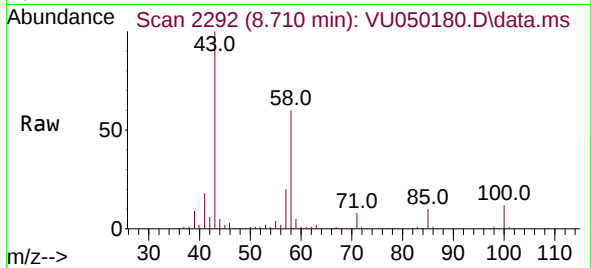




#48
2-Hexanone
Concen: 56.211 ug/L
RT: 8.710 min Scan# 21
Delta R.T. 0.023 min
Lab File: VU050180.D
Acq: 09 Aug 2022 13:42

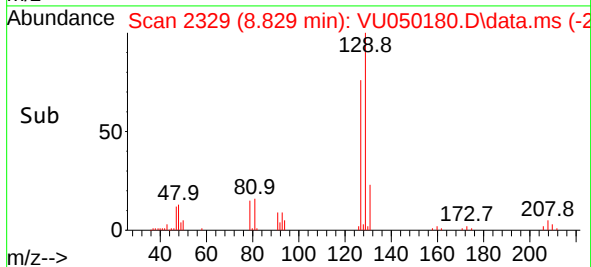
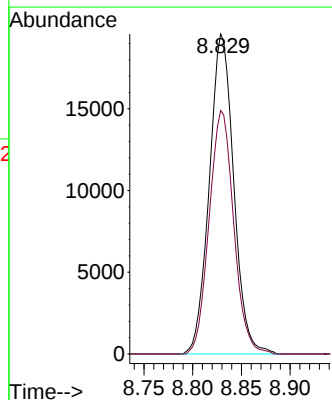
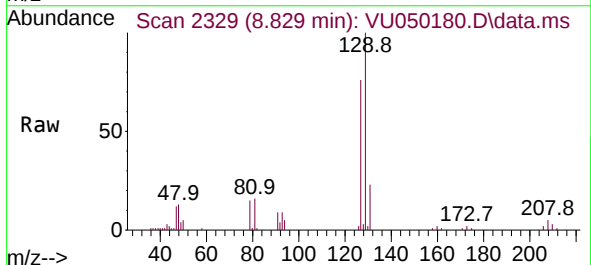
Instrument :
MSVOA_U
ClientSampleId :

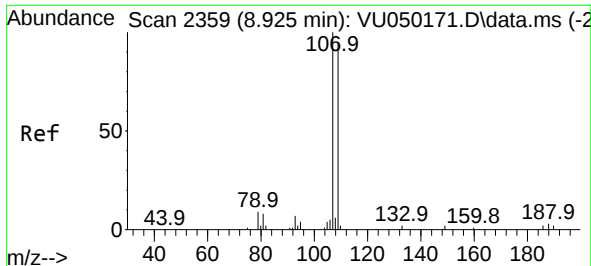
Tgt Ion: 43 Resp: 201841
Ion Ratio Lower Upper
43 100
58 59.4 50.6 76.0
57 20.2 16.0 24.0
100 11.8 9.8 14.8



#49
Dibromochloromethane
Concen: 5.147 ug/L
RT: 8.829 min Scan# 2329
Delta R.T. 0.016 min
Lab File: VU050180.D
Acq: 09 Aug 2022 13:42

Tgt Ion: 129 Resp: 34135
Ion Ratio Lower Upper
129 100
127 76.0 55.3 102.7

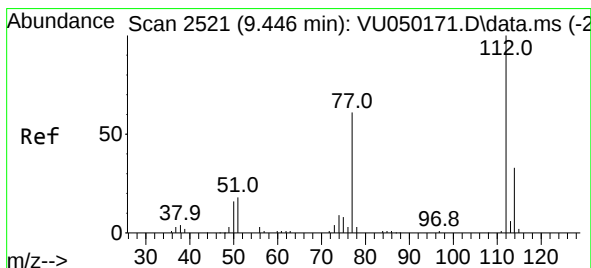
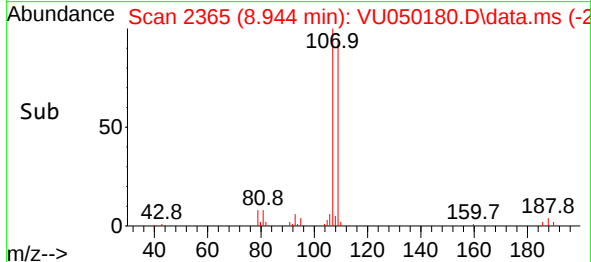
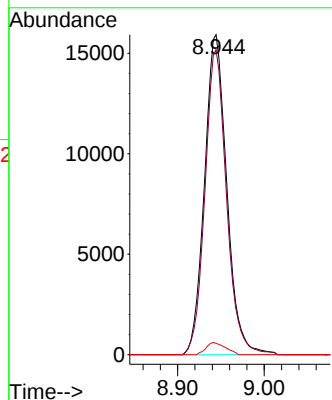
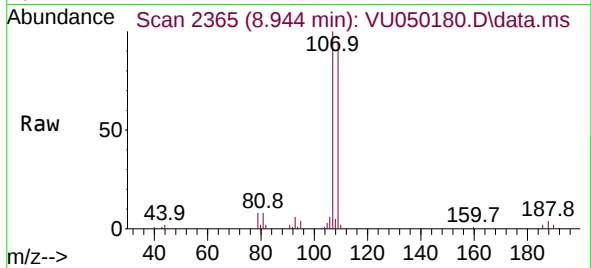




#50
1,2-Dibromoethane
Concen: 5.248 ug/L
RT: 8.944 min Scan# 21
Delta R.T. 0.019 min
Lab File: VU050180.D
Acq: 09 Aug 2022 13:42

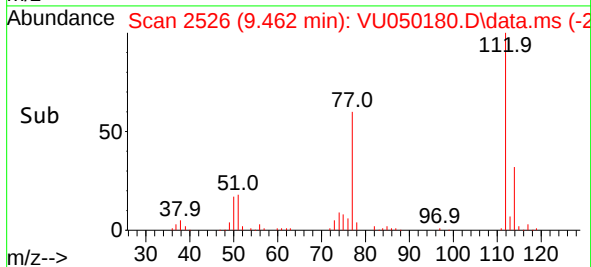
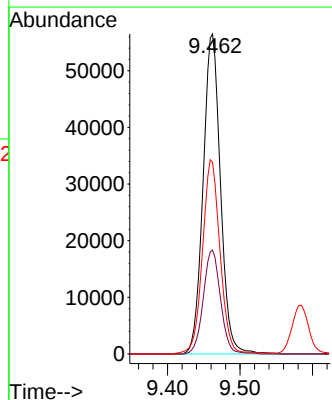
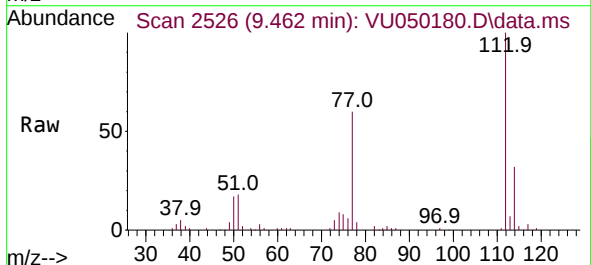
Instrument :
MSVOA_U
ClientSampleId :

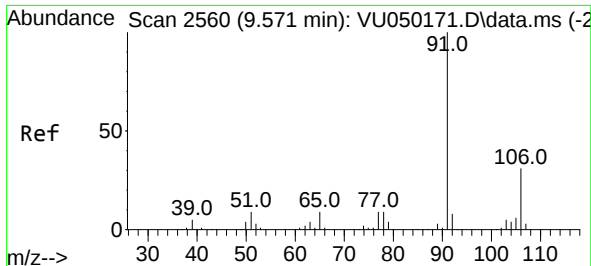
Tgt Ion:107 Resp: 28514
Ion Ratio Lower Upper
107 100
109 95.3 66.6 123.6
188 3.5 2.7 4.1



#51
Chlorobenzene
Concen: 4.961 ug/L
RT: 9.462 min Scan# 2526
Delta R.T. 0.013 min
Lab File: VU050180.D
Acq: 09 Aug 2022 13:42

Tgt Ion:112 Resp: 94207
Ion Ratio Lower Upper
112 100
114 32.5 22.1 41.1
77 59.9 46.3 69.5

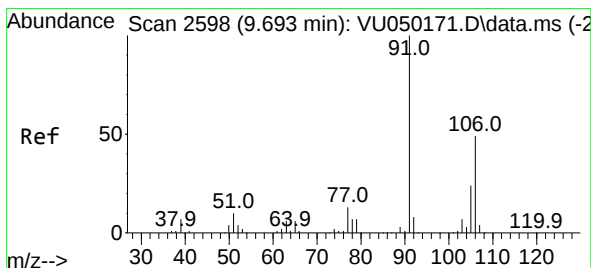
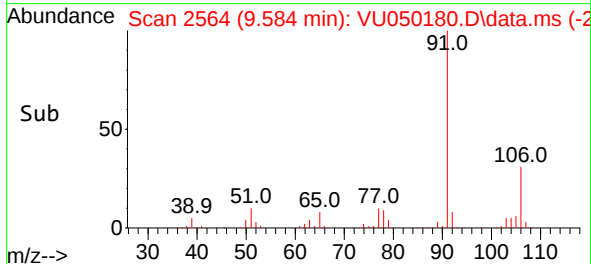
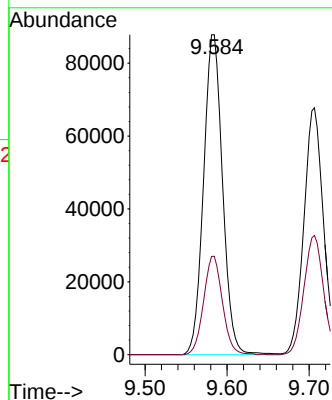
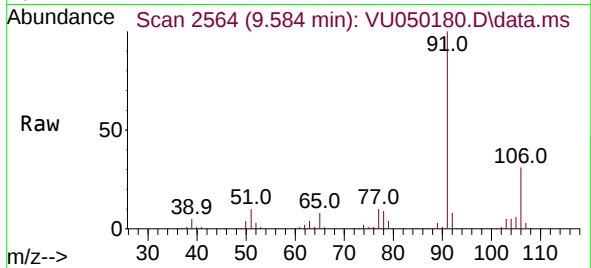




#52
Ethylbenzene
Concen: 4.801 ug/L
RT: 9.584 min Scan# 210
Delta R.T. 0.013 min
Lab File: VU050180.D
Acq: 09 Aug 2022 13:42

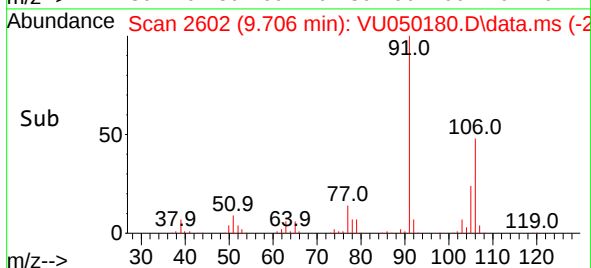
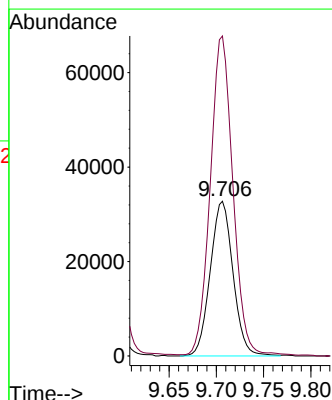
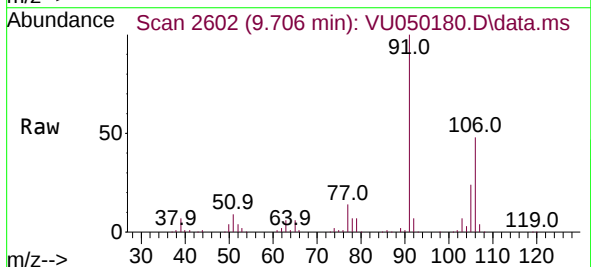
Instrument :
MSVOA_U
ClientSampleId :

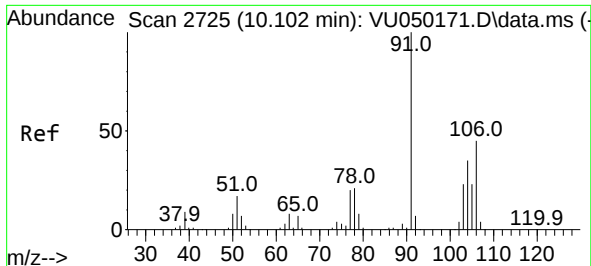
Tgt Ion: 91 Resp: 141390
Ion Ratio Lower Upper
91 100
106 30.8 21.3 39.5



#53
m,p-Xylene
Concen: 5.068 ug/L
RT: 9.706 min Scan# 2602
Delta R.T. 0.013 min
Lab File: VU050180.D
Acq: 09 Aug 2022 13:42

Tgt Ion: 106 Resp: 54964
Ion Ratio Lower Upper
106 100
91 206.7 143.1 265.9

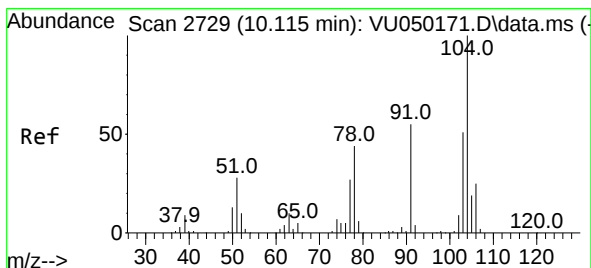
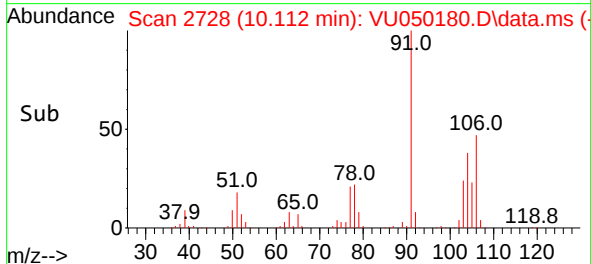
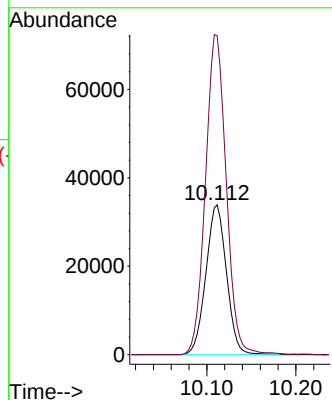
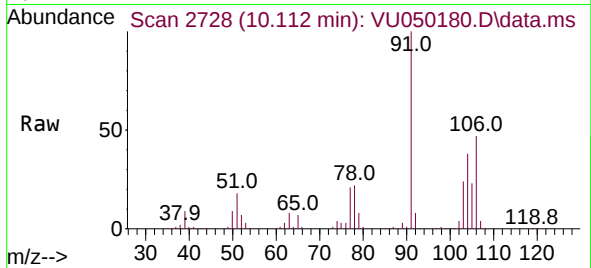




#54
o-Xylene
Concen: 5.031 ug/L
RT: 10.112 min Scan# 2728
Delta R.T. 0.010 min
Lab File: VU050180.D
Acq: 09 Aug 2022 13:42

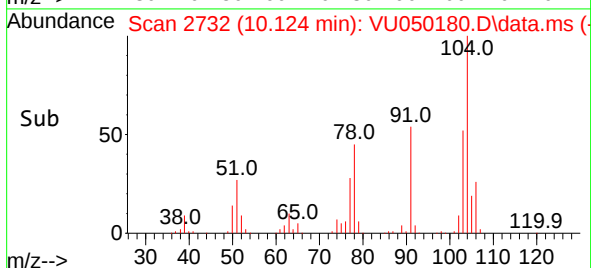
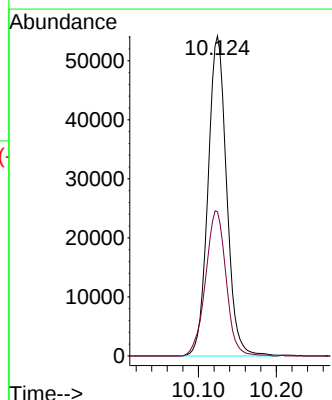
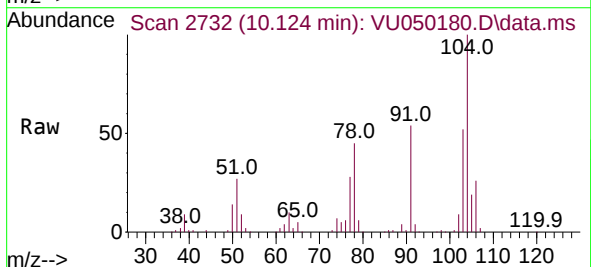
Instrument :
MSVOA_U
ClientSampleId :

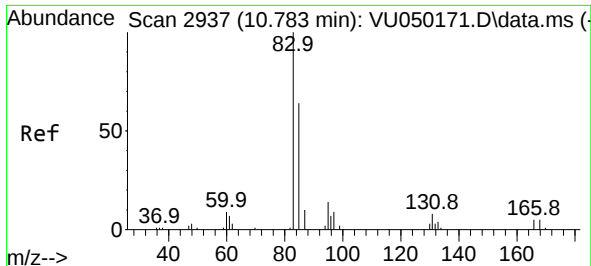
Tgt Ion:106 Resp: 54465
Ion Ratio Lower Upper
106 100
91 213.1 149.4 277.4



#55
Styrene
Concen: 4.974 ug/L
RT: 10.124 min Scan# 2732
Delta R.T. 0.010 min
Lab File: VU050180.D
Acq: 09 Aug 2022 13:42

Tgt Ion:104 Resp: 89955
Ion Ratio Lower Upper
104 100
78 45.1 31.9 59.3





#57

1,1,2,2-Tetrachloroethane

Concen: 5.260 ug/L

RT: 10.790 min Scan# 2939

Delta R.T. 0.007 min

Lab File: VU050180.D

Acq: 09 Aug 2022 13:42

Instrument :

MSVOA_U

ClientSampleId :

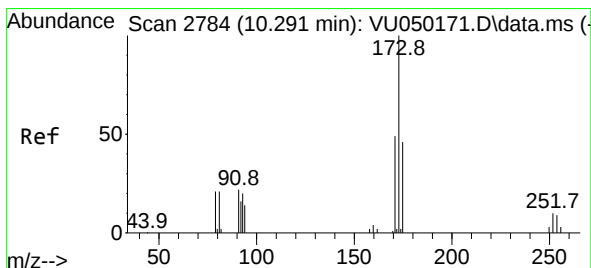
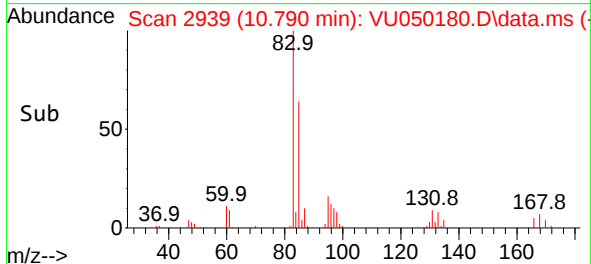
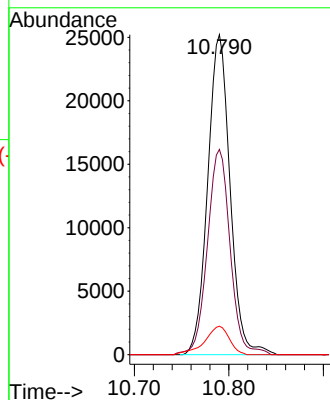
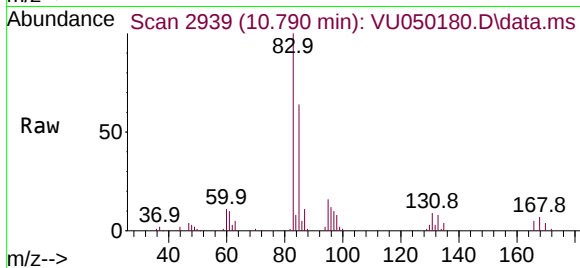
Tgt Ion: 83 Resp: 41413

Ion Ratio Lower Upper

83 100

85 64.2 45.2 84.0

131 8.9 6.6 9.8



#59

Bromoform

Concen: 4.755 ug/L

RT: 10.301 min Scan# 2787

Delta R.T. 0.010 min

Lab File: VU050180.D

Acq: 09 Aug 2022 13:42

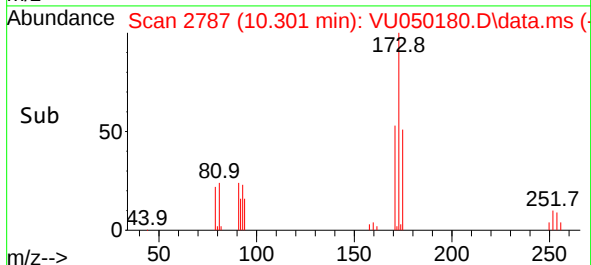
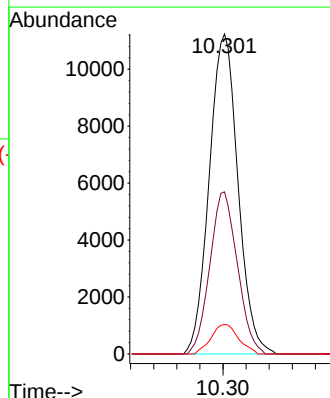
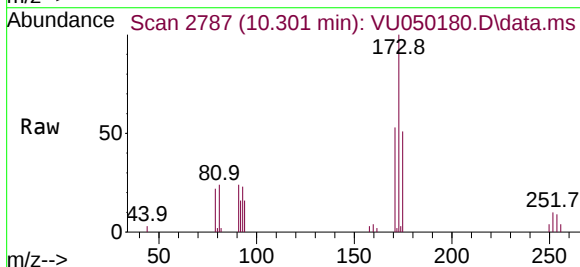
Tgt Ion:173 Resp: 19398

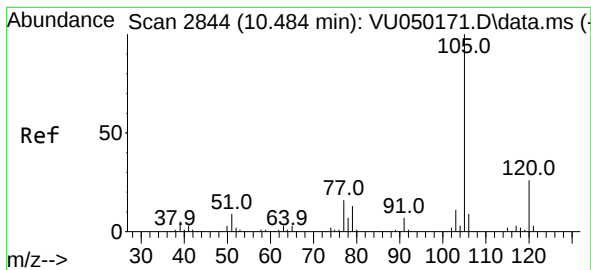
Ion Ratio Lower Upper

173 100

175 48.5 37.0 55.6

254 8.8 7.4 11.0





#60

Isopropylbenzene

Concen: 4.825 ug/L

RT: 10.491 min Scan# 2951

Delta R.T. 0.006 min

Lab File: VU050180.D

Acq: 09 Aug 2022 13:42

Instrument :

MSVOA_U

ClientSampleId :

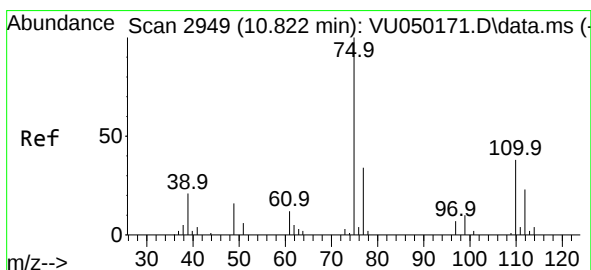
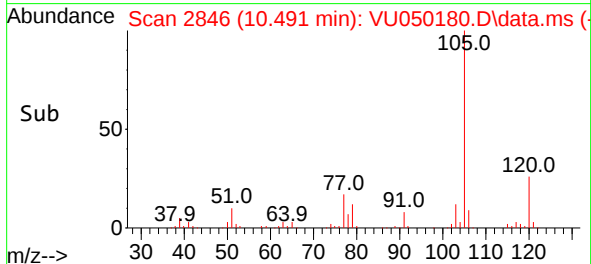
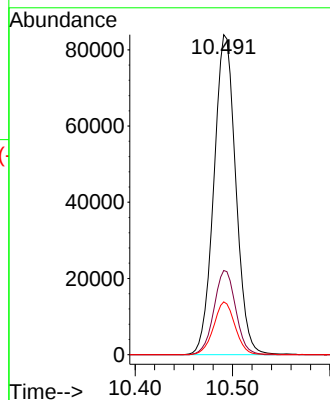
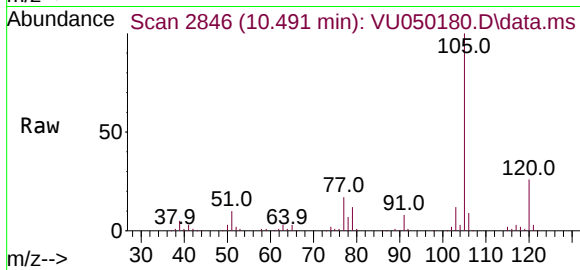
Tgt Ion:105 Resp: 131079

Ion Ratio Lower Upper

105 100

120 26.1 20.8 31.2

77 16.2 12.6 19.0



#61

1,2,3-Trichloropropane

Concen: 4.960 ug/L

RT: 10.829 min Scan# 2951

Delta R.T. 0.003 min

Lab File: VU050180.D

Acq: 09 Aug 2022 13:42

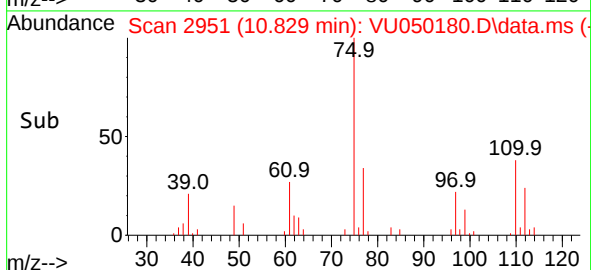
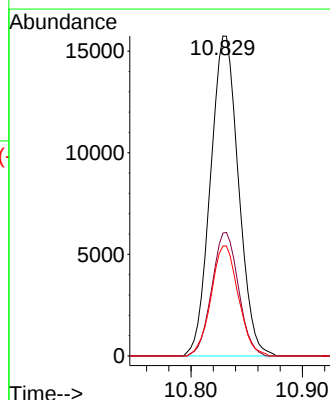
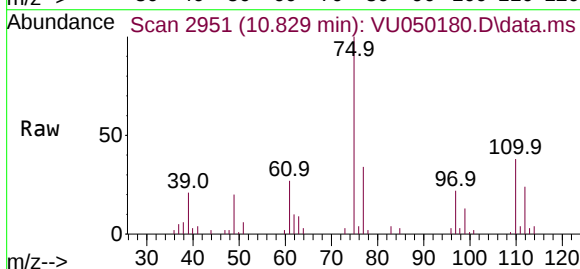
Tgt Ion: 75 Resp: 27489

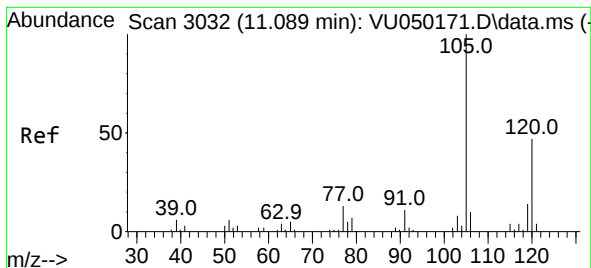
Ion Ratio Lower Upper

75 100

110 36.8 28.5 42.7

77 33.5 25.8 38.6





#62

1,3,5-Trimethylbenzene

Concen: 4.507 ug/L

RT: 11.092 min Scan# 3032

Delta R.T. 0.003 min

Lab File: VU050180.D

Acq: 09 Aug 2022 13:42

Instrument :

MSVOA_U

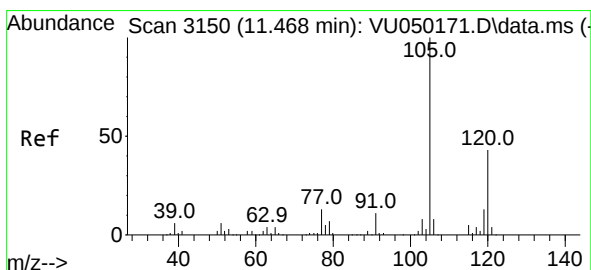
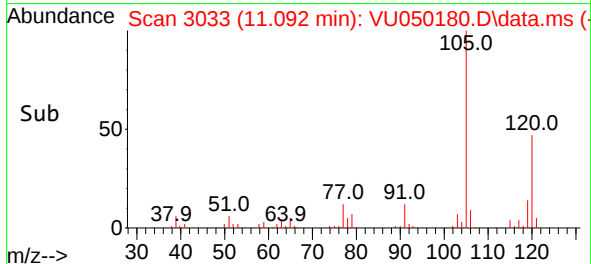
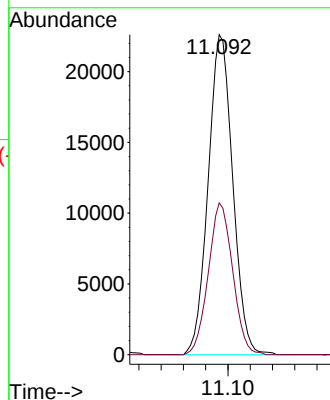
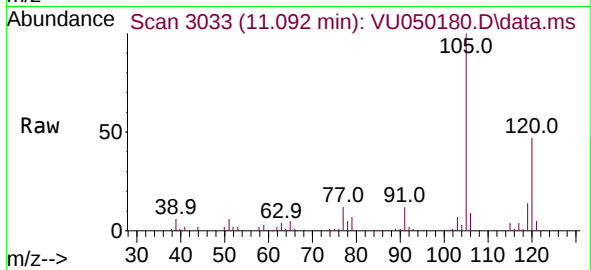
ClientSampleId :

Tgt Ion:105 Resp: 34598

Ion Ratio Lower Upper

105 100

120 46.9 38.9 58.3



#63

1,2,4-Trimethylbenzene

Concen: 4.615 ug/L

RT: 11.472 min Scan# 3151

Delta R.T. 0.003 min

Lab File: VU050180.D

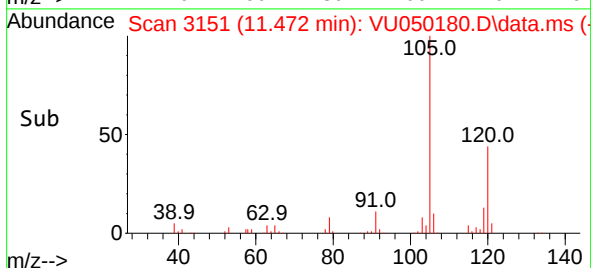
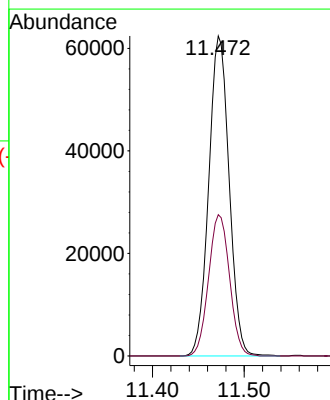
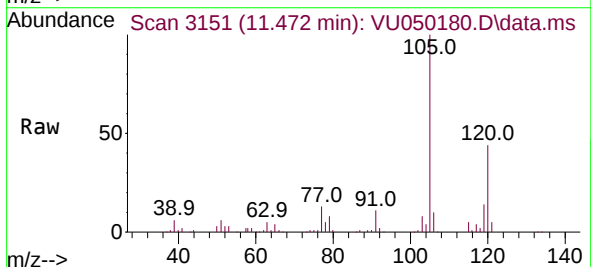
Acq: 09 Aug 2022 13:42

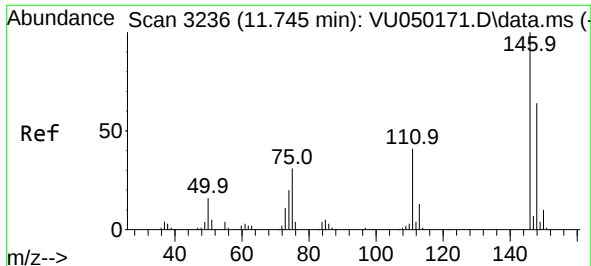
Tgt Ion:105 Resp: 96515

Ion Ratio Lower Upper

105 100

120 45.3 35.9 53.9

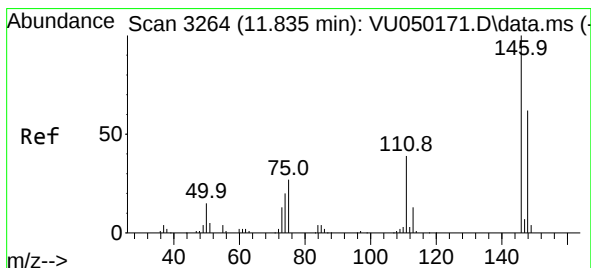
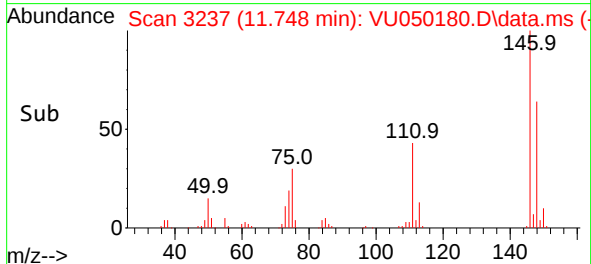
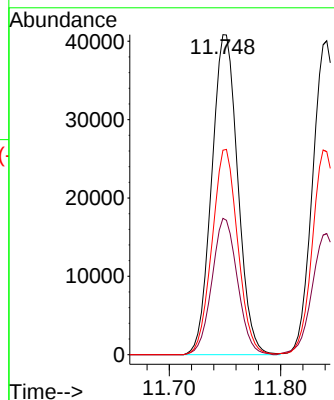
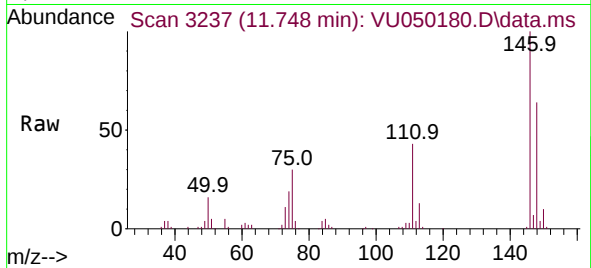




#64
1,3-Dichlorobenzene
Concen: 4.857 ug/L
RT: 11.748 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU050180.D
Acq: 09 Aug 2022 13:42

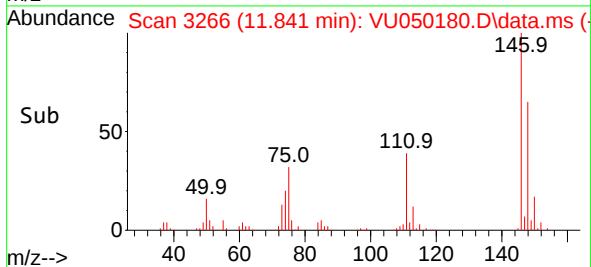
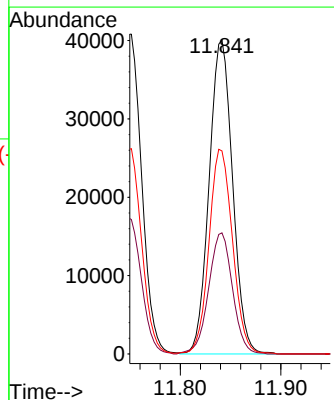
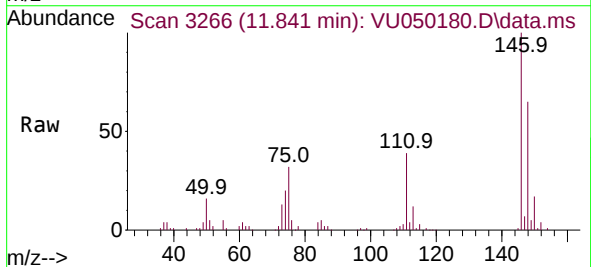
Instrument :
MSVOA_U
ClientSampleId :

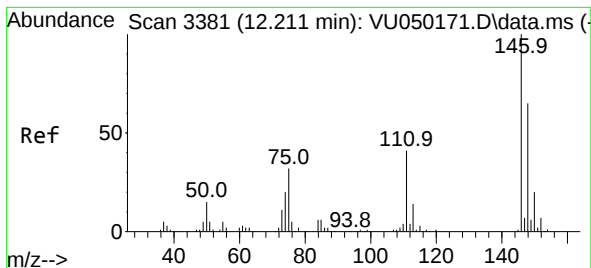
Tgt Ion:146 Resp: 66513
Ion Ratio Lower Upper
146 100
111 42.6 29.9 55.5
148 63.9 45.8 85.2



#65
1,4-Dichlorobenzene
Concen: 4.875 ug/L
RT: 11.841 min Scan# 3266
Delta R.T. 0.003 min
Lab File: VU050180.D
Acq: 09 Aug 2022 13:42

Tgt Ion:146 Resp: 64964
Ion Ratio Lower Upper
146 100
111 38.6 28.1 52.1
148 64.7 44.6 82.8





#67

1,2-Dichlorobenzene

Concen: 5.019 ug/L

RT: 12.214 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU050180.D

Acq: 09 Aug 2022 13:42

Instrument :

MSVOA_U

ClientSampleId :

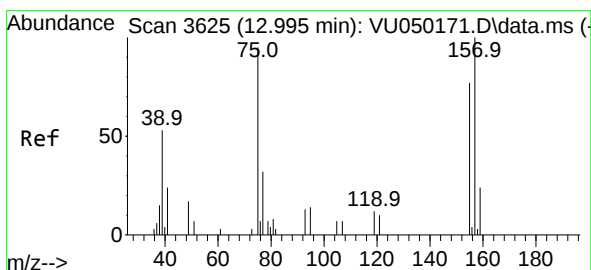
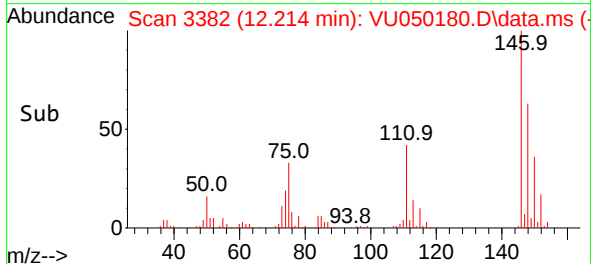
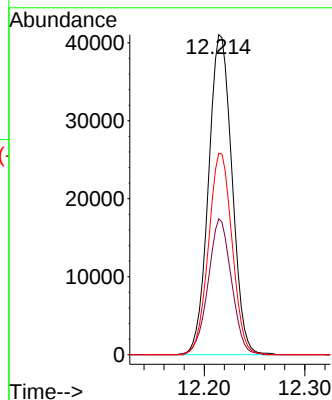
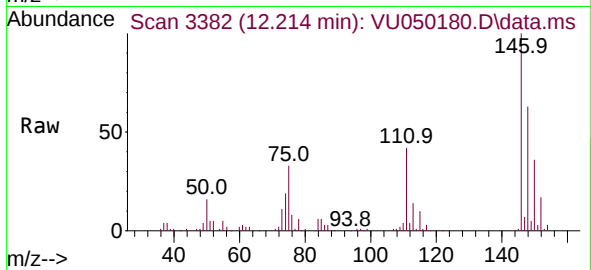
Tgt Ion:146 Resp: 66560

Ion Ratio Lower Upper

146 100

111 42.5 32.9 49.3

148 62.9 50.4 75.6



#68

1,2-Dibromo-3-chloropropane

Concen: 5.825 ug/L

RT: 12.999 min Scan# 3626

Delta R.T. 0.003 min

Lab File: VU050180.D

Acq: 09 Aug 2022 13:42

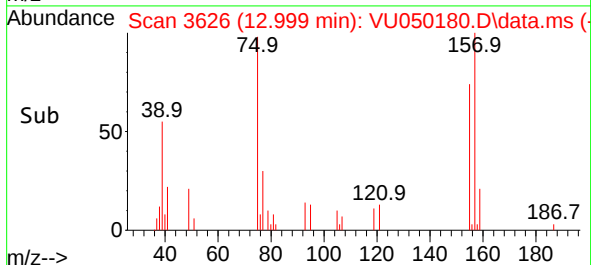
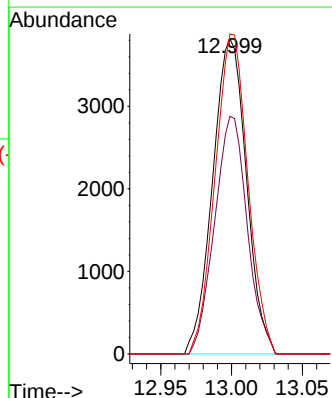
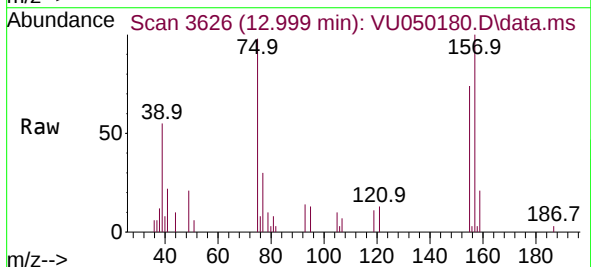
Tgt Ion: 75 Resp: 6330

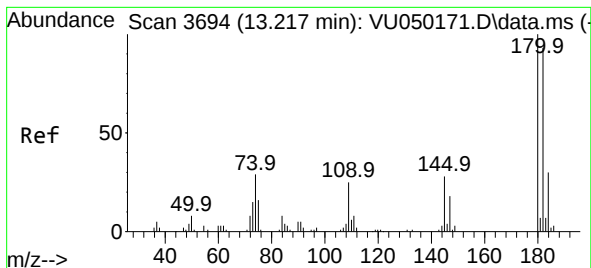
Ion Ratio Lower Upper

75 100

155 75.4 63.5 95.3

157 101.5 85.0 127.6





#69

1,3,5-Trichlorobenzene

Concen: 4.628 ug/L

RT: 13.221 min Scan# 3695

Delta R.T. 0.000 min

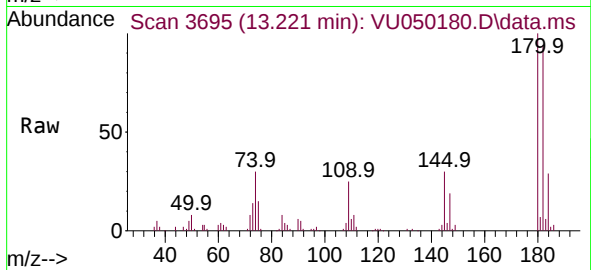
Lab File: VU050180.D

Acq: 09 Aug 2022 13:42

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 45149

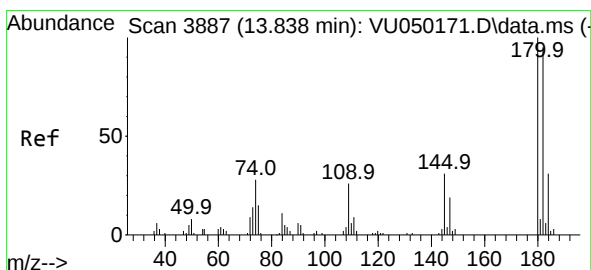
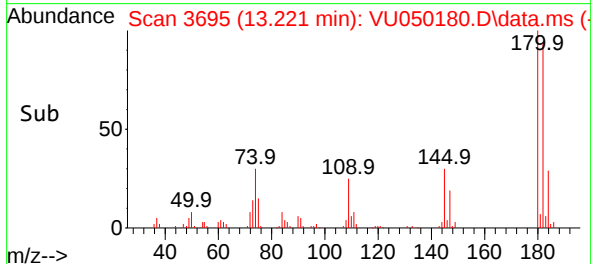
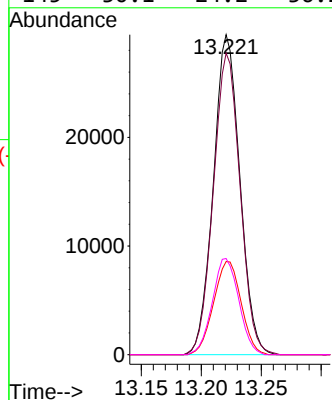
Ion Ratio Lower Upper

180 100

182 95.0 77.3 115.9

184 30.3 24.1 36.1

145 30.1 24.2 36.2



#70

1,2,4-trichlorobenzene

Concen: 4.824 ug/L

RT: 13.841 min Scan# 3888

Delta R.T. 0.000 min

Lab File: VU050180.D

Acq: 09 Aug 2022 13:42

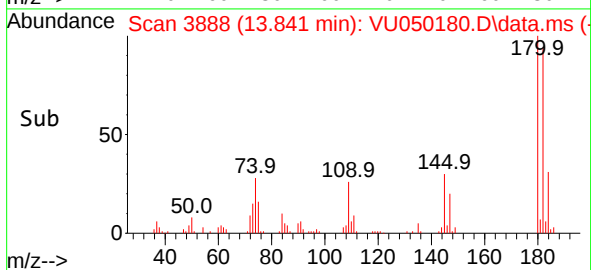
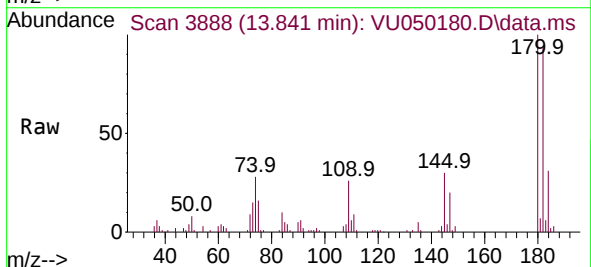
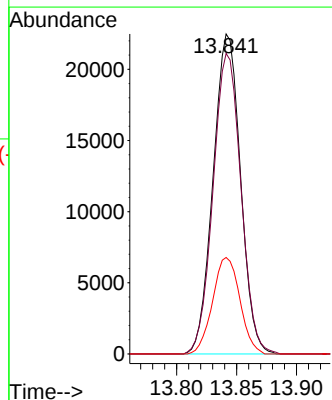
Tgt Ion:180 Resp: 35655

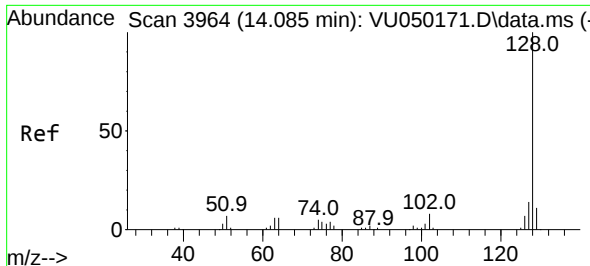
Ion Ratio Lower Upper

180 100

182 95.5 76.9 115.3

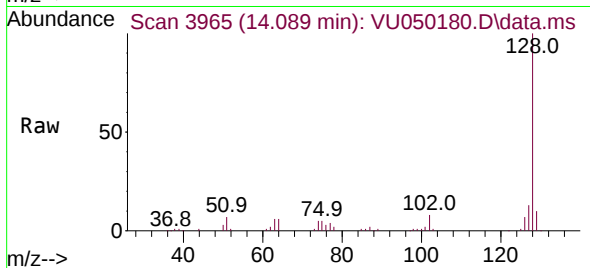
145 30.0 24.2 36.4



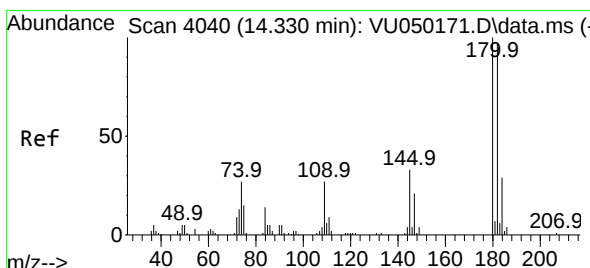
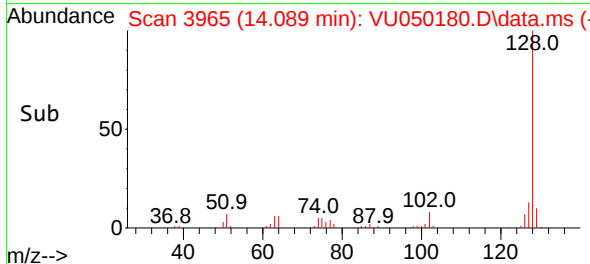
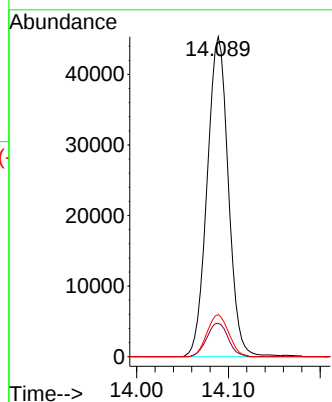


#71
Naphthalene
Concen: 4.812 ug/L
RT: 14.089 min Scan# 3964
Delta R.T. 0.000 min
Lab File: VU050180.D
Acq: 09 Aug 2022 13:42

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 72928
Ion Ratio Lower Upper
128 100
129 10.5 8.6 12.8
127 13.5 10.6 16.0



#72
1,2,3-Trichlorobenzene
Concen: 5.009 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU050180.D
Acq: 09 Aug 2022 13:42

Tgt Ion:180 Resp: 37529
Ion Ratio Lower Upper
180 100
182 98.3 77.5 116.3
145 34.5 25.8 38.6

