

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051421\
 Data File : VU043715.D
 Acq On : 13 May 2021 21:22
 Operator : SY/MD
 Sample : VSTD05032
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 14 04:06:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM051421WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 14 04:05:14 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	490863	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	470405	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	252978	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	202944	52.52	ug/L	0.00
7) Chloroethane-d5	1.909	69	145419	51.69	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.572	63	344077	45.44	ug/L	0.00
21) 2-Butanone-d5	4.626	46	322100	82.46	ug/L	0.00
24) Chloroform-d	5.070	84	344324	46.60	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.710	65	212064	39.82	ug/L	0.00
32) Benzene-d6	5.735	84	718094	53.29	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.697	67	231047	51.34	ug/L	0.00
41) Toluene-d8	7.902	98	650944	49.57	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.185	79	100498	44.26	ug/L	0.00
47) 2-Hexanone-d5	8.639	63	224015	87.02	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.761	84	337713	47.41	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.198	152	248833	46.50	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	201115	51.90	ug/L	100
3) Chloromethane	1.523	50	237594	57.44	ug/L	100
5) Vinyl chloride	1.607	62	237011	58.71	ug/L	100
6) Bromomethane	1.848	94	129809	54.76	ug/L	100
8) Chloroethane	1.932	64	133293	53.83	ug/L	100
9) Trichlorofluoromethane	2.141	101	268153	42.94	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	177924	50.59	ug/L	100
12) 1,1-Dichloroethene	2.584	96	174367	54.46	ug/L	100
13) Acetone	2.629	43	218031	70.46	ug/L	100
14) Carbon disulfide	2.800	76	548957	54.71	ug/L	100
15) Methyl Acetate	2.951	43	247703	44.00	ug/L	100
16) Methylene chloride	3.051	84	221900	58.35	ug/L	100
17) trans-1,2-Dichloroethene	3.359	96	181564	53.35	ug/L	100
18) Methyl tert-butyl Ether	3.369	73	551859	47.76	ug/L	100
19) 1,1-Dichloroethane	3.877	63	352633	50.68	ug/L	100
20) cis-1,2-Dichloroethene	4.674	96	201140	53.16	ug/L	100
22) 2-Butanone	4.706	43	364709	79.46	ug/L	100
23) Bromochloromethane	4.983	128	106394	52.97	ug/L	100
25) Chloroform	5.096	83	344456	48.15	ug/L	100
27) 1,2-Dichloroethane	5.800	62	265586	41.96	ug/L	100
29) Cyclohexane	5.398	56	322707	52.43	ug/L	100
30) 1,1,1-Trichloroethane	5.324	97	281016	45.29	ug/L	100
31) Carbon tetrachloride	5.533	117	234248	43.42	ug/L	100
33) Benzene	5.780	78	804373	54.39	ug/L	100
34) Trichloroethene	6.549	95	192339	51.14	ug/L	100
35) Methylcyclohexane	6.771	83	313161	53.27	ug/L	100
37) 1,2-Dichloropropane	6.800	63	214548	52.75	ug/L	100
38) Bromodichloromethane	7.112	83	255261	47.85	ug/L	100
39) cis-1,3-Dichloropropene	7.613	75	301345	50.25	ug/L	100
40) 4-Methyl-2-pentanone	7.796	43	652694	80.96	ug/L	100
42) Toluene	7.976	91	847950	52.75	ug/L	100
44) trans-1,3-Dichloropropene	8.214	75	283446	46.80	ug/L	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051421\
 Data File : VU043715.D
 Acq On : 13 May 2021 21:22
 Operator : SY/MD
 Sample : VSTD05032
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 14 04:06:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM051421WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 14 04:05:14 2021
 Response via : Initial Calibration

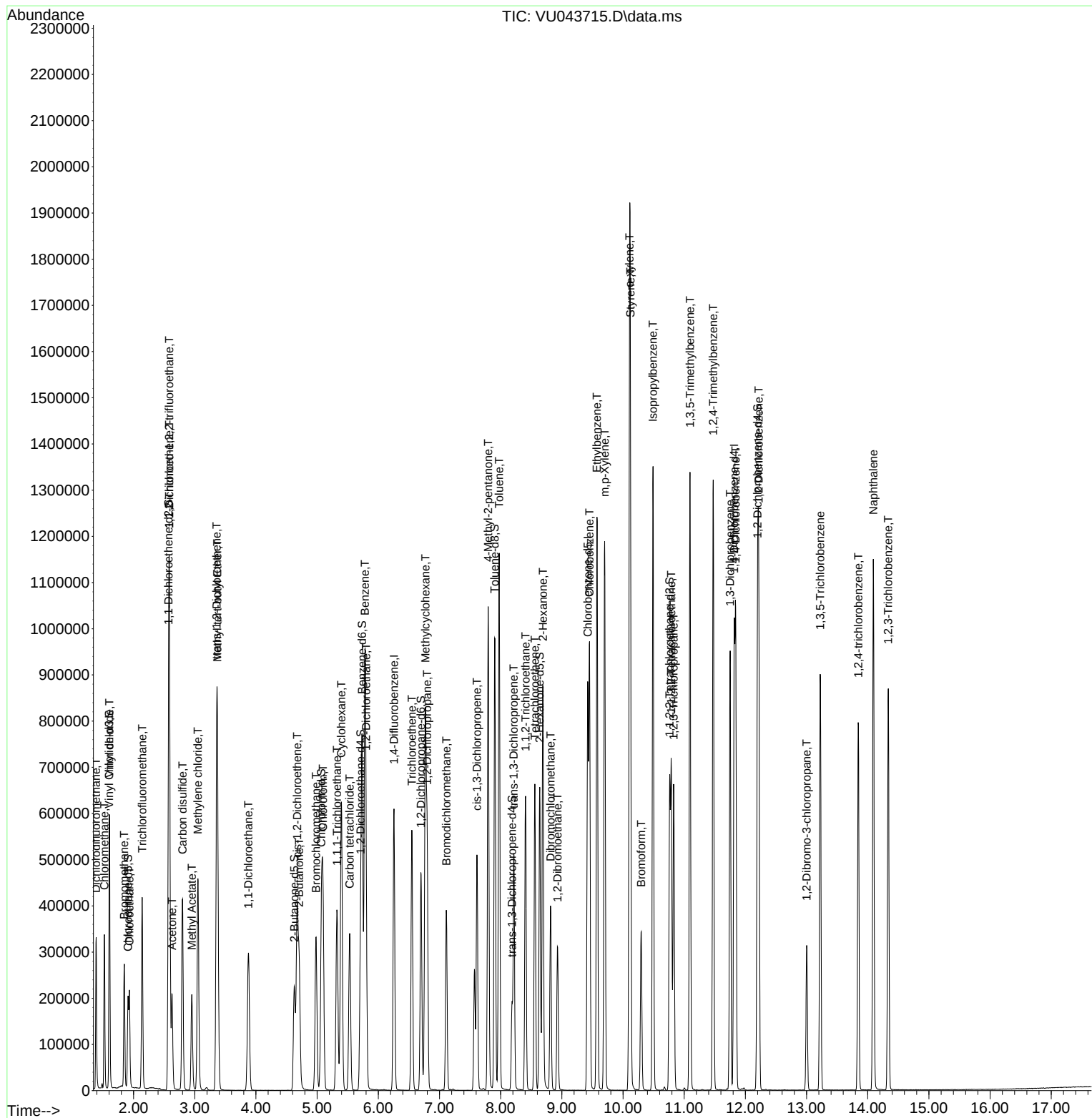
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.407	97	197535	52.14	ug/L	100
46) Tetrachloroethene	8.558	164	153078	49.82	ug/L	100
48) 2-Hexanone	8.690	43	533285	79.19	ug/L	100
49) Dibromochloromethane	8.816	129	202516	46.82	ug/L	100
50) 1,2-Dibromoethane	8.928	107	205880	48.84	ug/L	100
51) Chlorobenzene	9.452	112	506204	50.81	ug/L	100
52) Ethylbenzene	9.574	91	874750	49.82	ug/L	100
53) m,p-Xylene	9.700	106	337030	51.64	ug/L	100
54) o-xylene	10.105	106	329940	51.19	ug/L	100
55) Styrene	10.121	104	565062	51.29	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.787	83	347805	48.04	ug/L	100
59) Bromoform	10.298	173	159172	45.43	ug/L	100
60) 1,2,3-Trichloropropane	10.828	75	279823	46.76	ug/L	100
61) Isopropylbenzene	10.491	105	845501	49.28	ug/L	100
62) 1,3,5-Trimethylbenzene	11.095	105	713922	48.72	ug/L	100
63) 1,2,4-Trimethylbenzene	11.475	105	723950	47.79	ug/L	100
64) 1,3-Dichlorobenzene	11.751	146	394828	47.28	ug/L	100
65) 1,4-Dichlorobenzene	11.841	146	399675	47.10	ug/L	100
67) 1,2-Dichlorobenzene	12.217	146	407531	47.40	ug/L	100
68) 1,2-Dibromo-3-chloropr...	13.002	75	77423	38.96	ug/L	100
69) 1,3,5-Trichlorobenzene	13.224	180	294041	44.69	ug/L	100
70) 1,2,4-trichlorobenzene	13.844	180	256760	45.58	ug/L	100
71) Naphthalene	14.092	128	907287	51.00	ug/L	100
72) 1,2,3-Trichlorobenzene	14.336	180	277727	48.07	ug/L	100

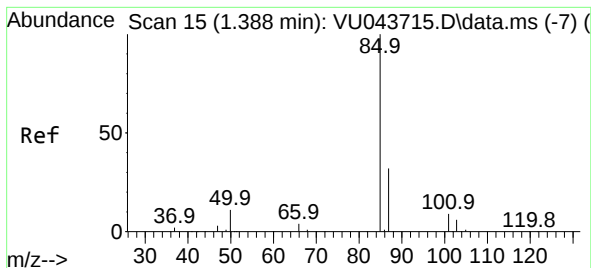
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051421\
 Data File : VU043715.D
 Acq On : 13 May 2021 21:22
 Operator : SY/MD
 Sample : VSTD05032
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 14 04:06:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM051421WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 14 04:05:14 2021
 Response via : Initial Calibration

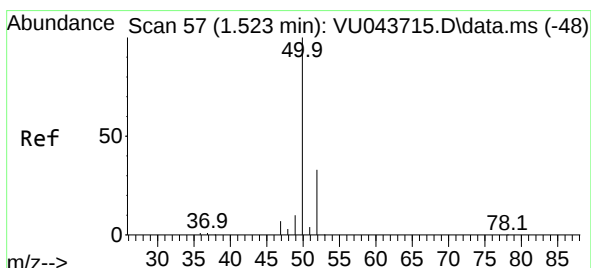
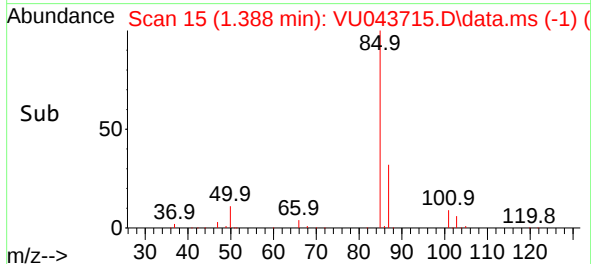
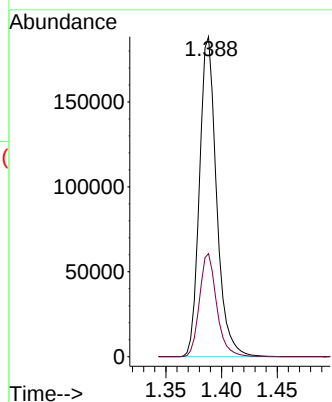
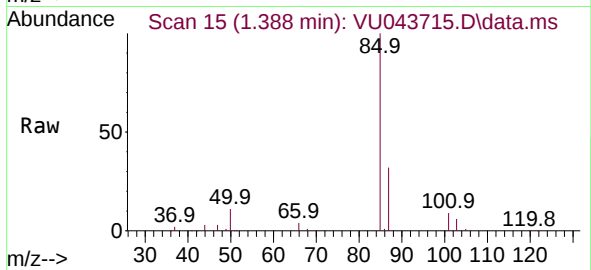




#2
Dichlorodifluoromethane
Concen: 51.90 ug/L
RT: 1.388 min Scan# 15
Delta R.T. 0.000 min
Lab File: VU043715.D
Acq: 13 May 2021 21:22

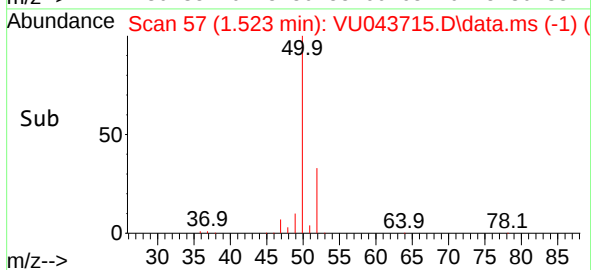
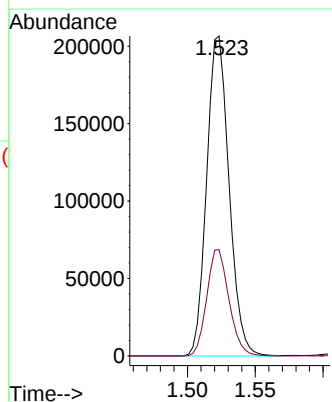
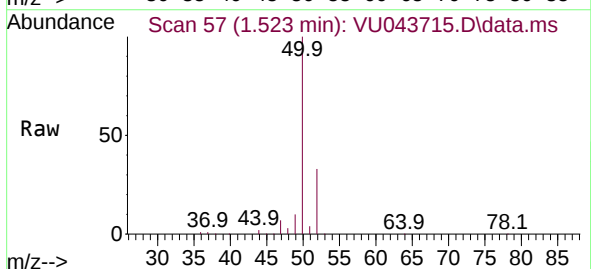
Instrument :
MSVOA_U
ClientSampleId :

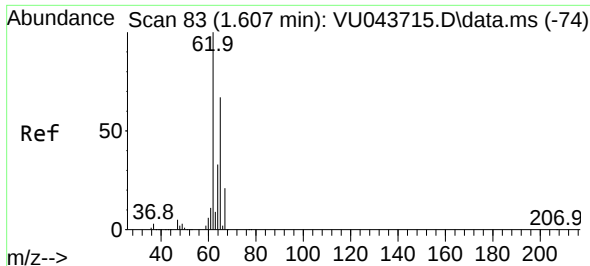
Tgt Ion: 85 Resp: 201115
Ion Ratio Lower Upper
85 100
87 32.4 25.9 38.9



#3
Chloromethane
Concen: 57.44 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU043715.D
Acq: 13 May 2021 21:22

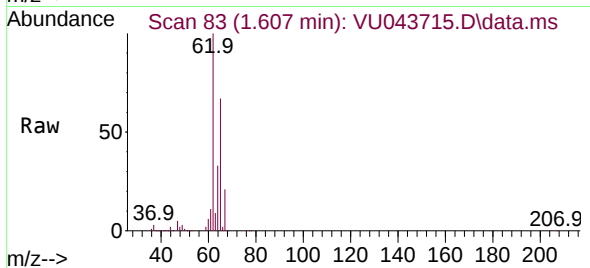
Tgt Ion: 50 Resp: 237594
Ion Ratio Lower Upper
50 100
52 33.2 23.2 43.2



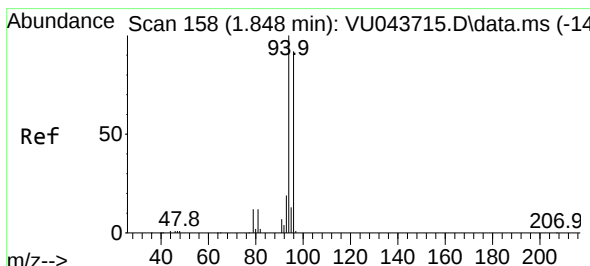
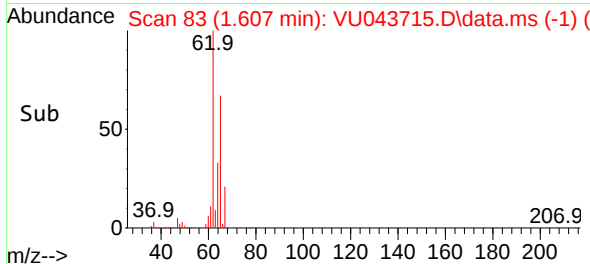
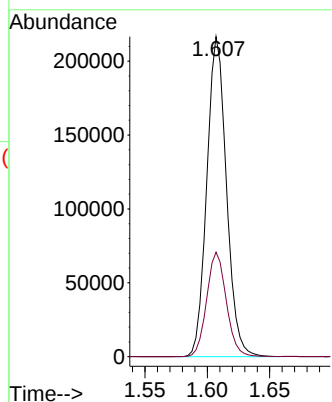


#5
 Vinyl chloride
 Concen: 58.71 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VU043715.D
 Acq: 13 May 2021 21:22

Instrument :
 MSVOA_U
 ClientSampled :

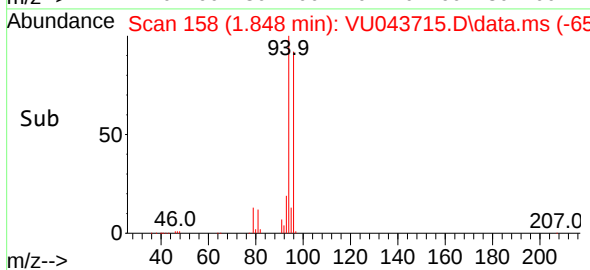
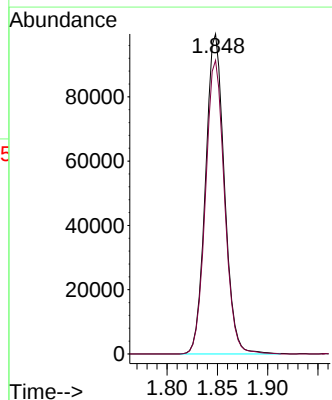
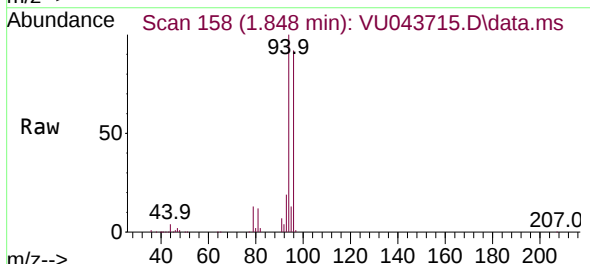


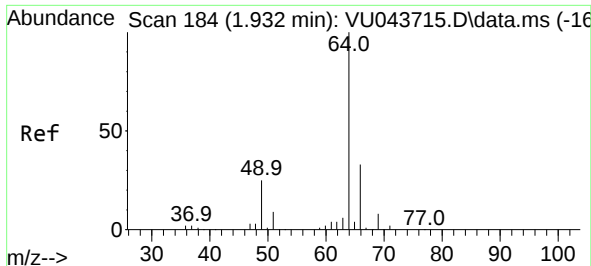
Tgt Ion: 62 Resp: 237011
 Ion Ratio Lower Upper
 62 100
 64 32.7 22.9 42.5



#6
 Bromomethane
 Concen: 54.76 ug/L
 RT: 1.848 min Scan# 158
 Delta R.T. 0.000 min
 Lab File: VU043715.D
 Acq: 13 May 2021 21:22

Tgt Ion: 94 Resp: 129809
 Ion Ratio Lower Upper
 94 100
 96 91.7 64.2 119.2

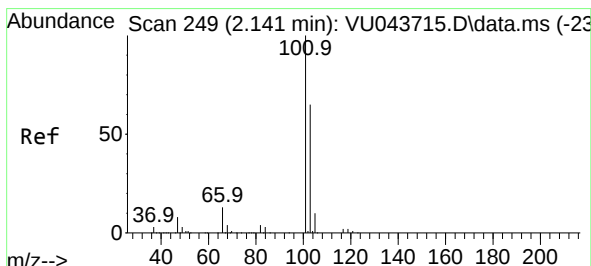
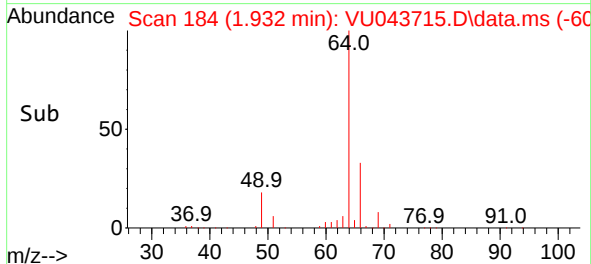
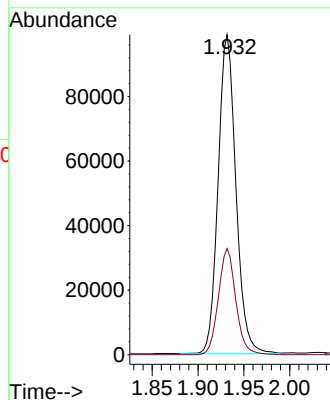
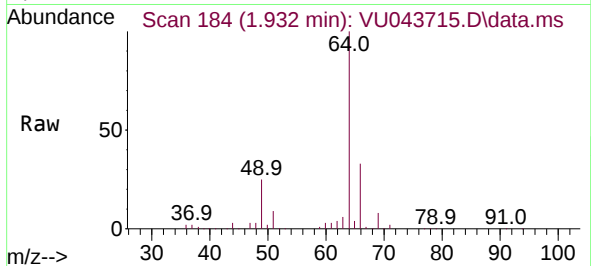




#8
Chloroethane
Concen: 53.83 ug/L
RT: 1.932 min Scan# 184
Delta R.T. 0.000 min
Lab File: VU043715.D
Acq: 13 May 2021 21:22

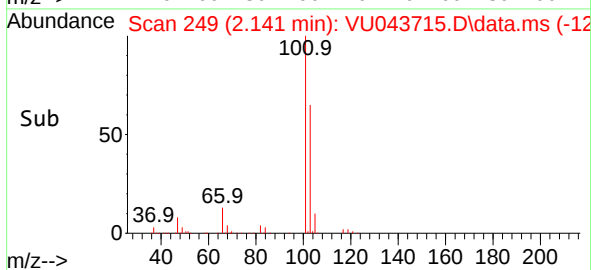
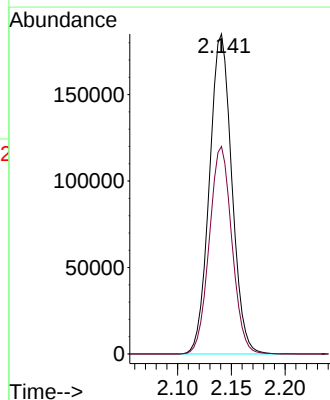
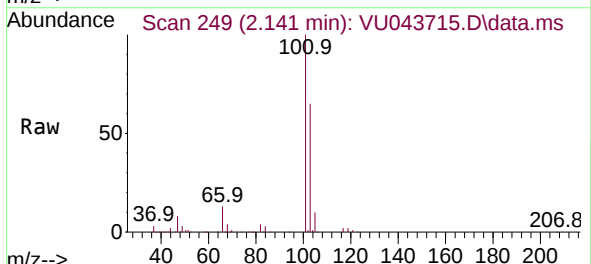
Instrument :
MSVOA_U
ClientSampleId :

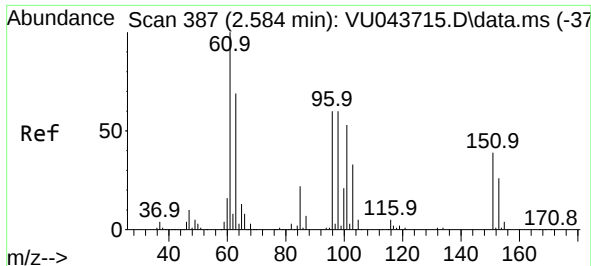
Tgt Ion: 64 Resp: 133293
Ion Ratio Lower Upper
64 100
66 33.2 23.2 43.2



#9
Trichlorofluoromethane
Concen: 42.94 ug/L
RT: 2.141 min Scan# 249
Delta R.T. 0.000 min
Lab File: VU043715.D
Acq: 13 May 2021 21:22

Tgt Ion:101 Resp: 268153
Ion Ratio Lower Upper
101 100
103 65.4 52.3 78.5





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 50.59 ug/L

RT: 2.584 min Scan# 387

Delta R.T. 0.000 min

Lab File: VU043715.D

Acq: 13 May 2021 21:22

Tgt Ion:101 Resp: 177924

Ion Ratio Lower Upper

101 100

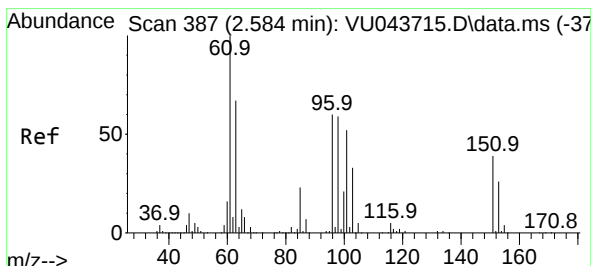
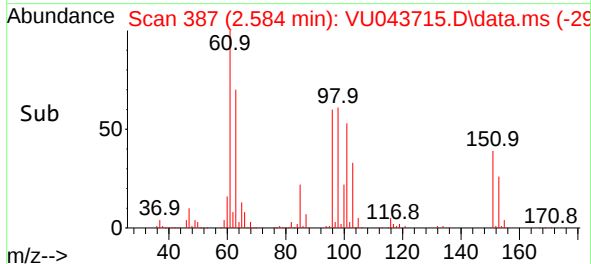
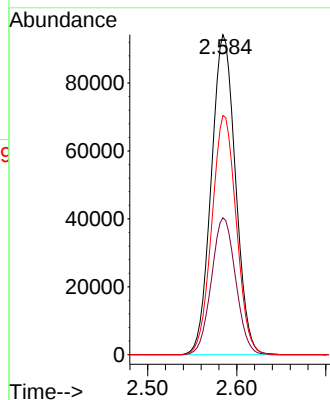
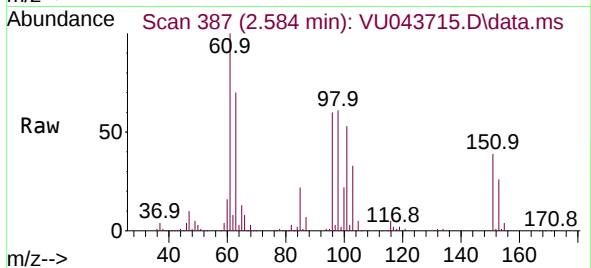
85 42.8 34.2 51.4

151 75.5 60.4 90.6

Instrument :

MSVOA_U

ClientSampleId :



#12

1,1-Dichloroethene

Concen: 54.46 ug/L

RT: 2.584 min Scan# 387

Delta R.T. 0.000 min

Lab File: VU043715.D

Acq: 13 May 2021 21:22

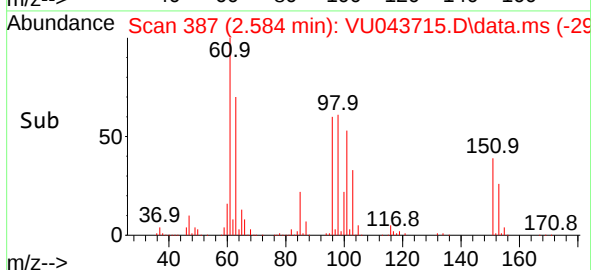
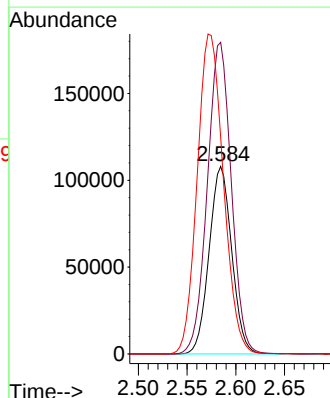
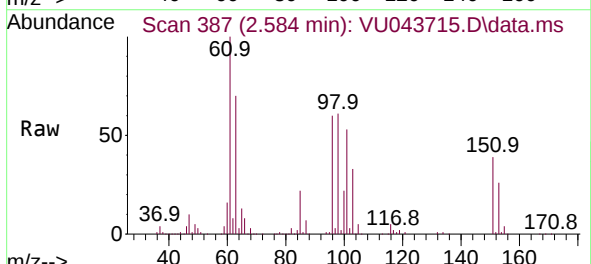
Tgt Ion: 96 Resp: 174367

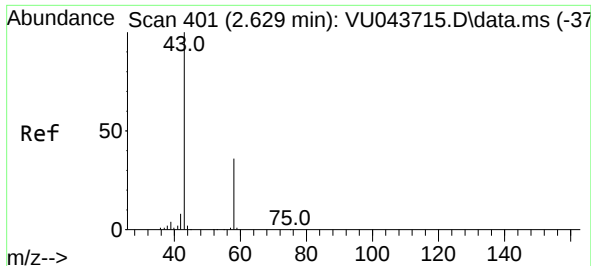
Ion Ratio Lower Upper

96 100

61 166.1 116.3 215.9

63 115.5 80.8 150.2

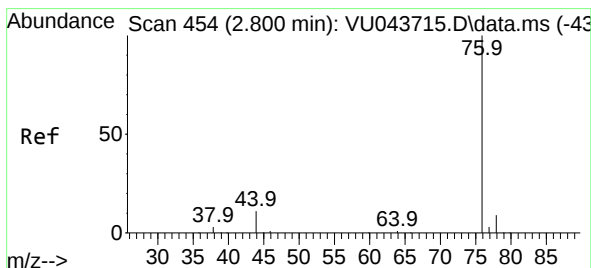
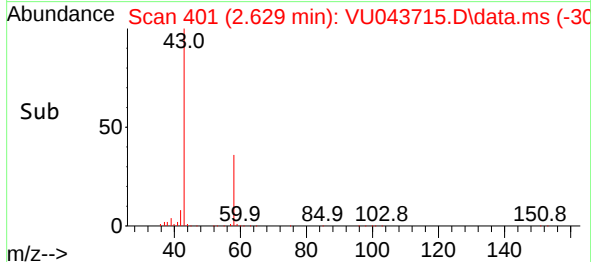
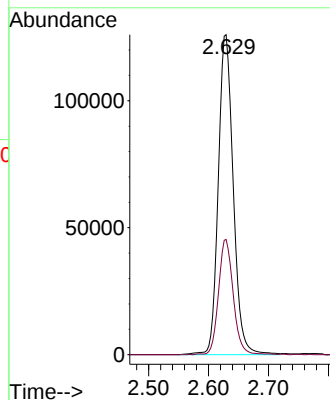
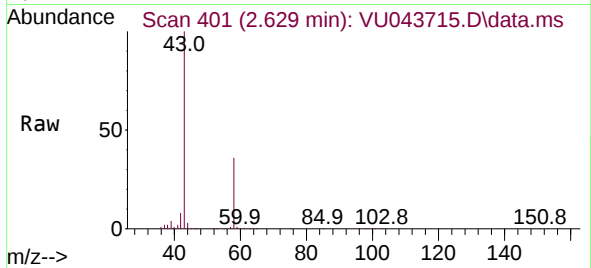




#13
Acetone
Concen: 70.46 ug/L
RT: 2.629 min Scan# 401
Delta R.T. 0.000 min
Lab File: VU043715.D
Acq: 13 May 2021 21:22

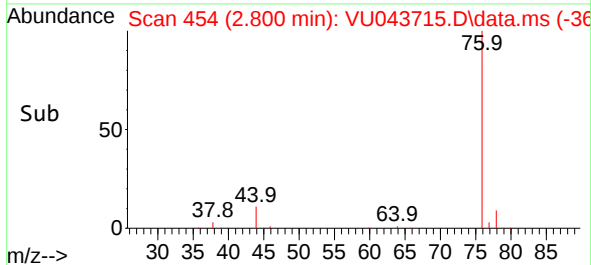
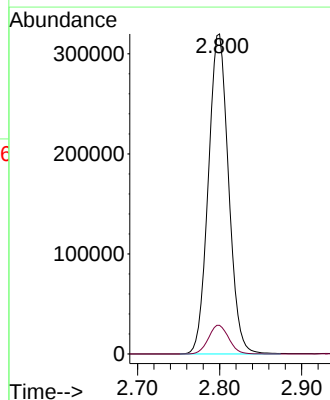
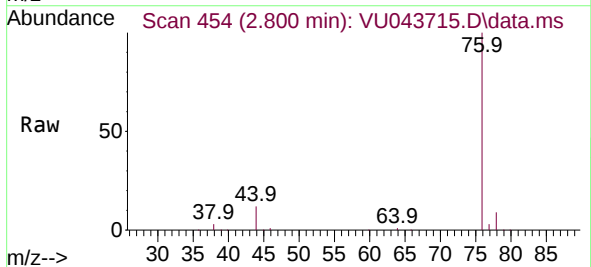
Instrument :
MSVOA_U
ClientSampleId :

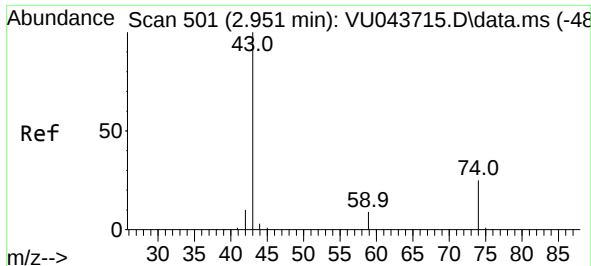
Tgt Ion: 43 Resp: 218031
Ion Ratio Lower Upper
43 100
58 34.7 0.0 69.4



#14
Carbon disulfide
Concen: 54.71 ug/L
RT: 2.800 min Scan# 454
Delta R.T. 0.000 min
Lab File: VU043715.D
Acq: 13 May 2021 21:22

Tgt Ion: 76 Resp: 548957
Ion Ratio Lower Upper
76 100
78 8.9 7.1 10.7

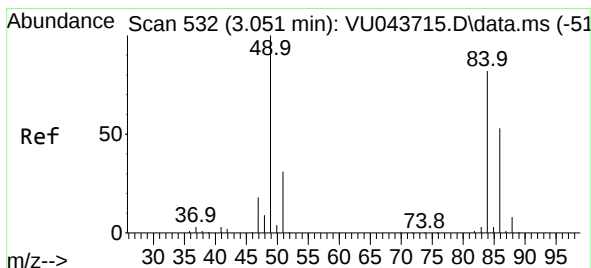
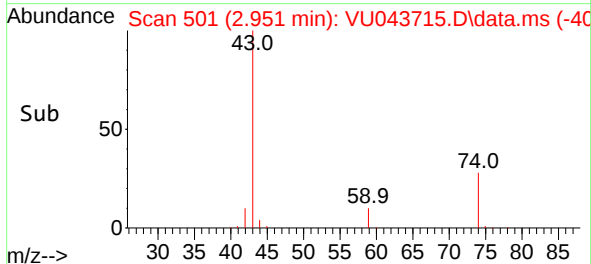
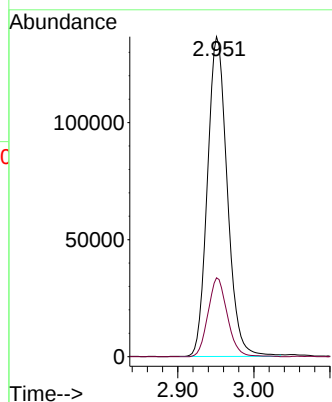
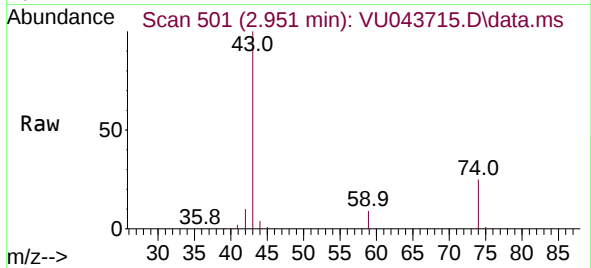




#15
Methyl Acetate
Concen: 44.00 ug/L
RT: 2.951 min Scan# 501
Delta R.T. 0.000 min
Lab File: VU043715.D
Acq: 13 May 2021 21:22

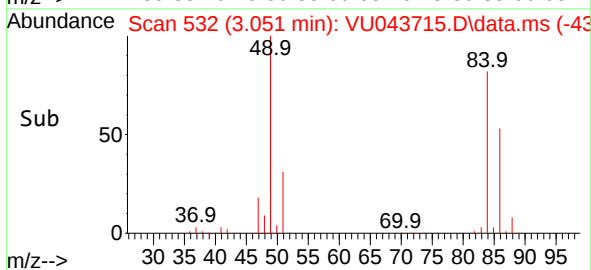
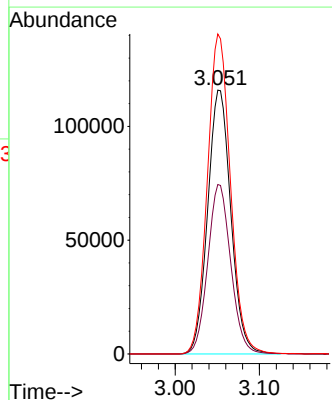
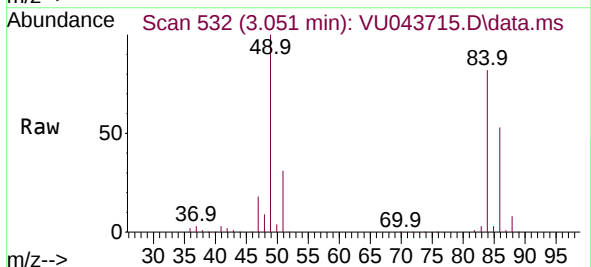
Instrument :
MSVOA_U
ClientSampleId :

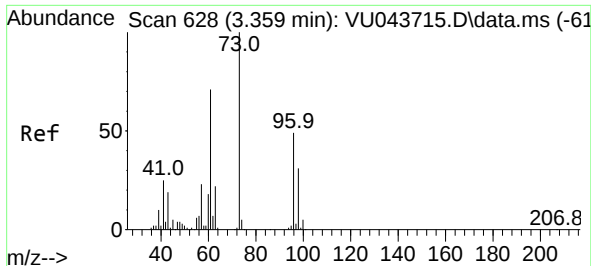
Tgt Ion: 43 Resp: 247703
Ion Ratio Lower Upper
43 100
74 24.1 19.3 28.9



#16
Methylene chloride
Concen: 58.35 ug/L
RT: 3.051 min Scan# 532
Delta R.T. 0.000 min
Lab File: VU043715.D
Acq: 13 May 2021 21:22

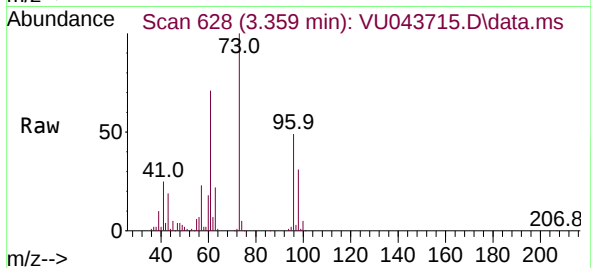
Tgt Ion: 84 Resp: 221900
Ion Ratio Lower Upper
84 100
86 64.2 44.9 83.5
49 121.3 84.9 157.7



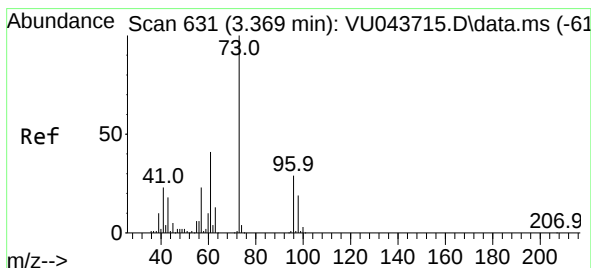
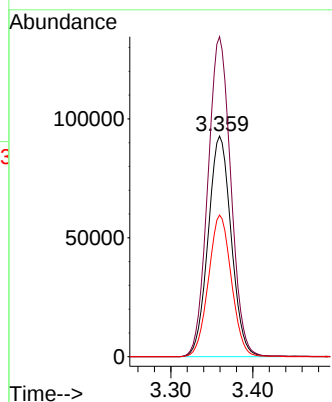
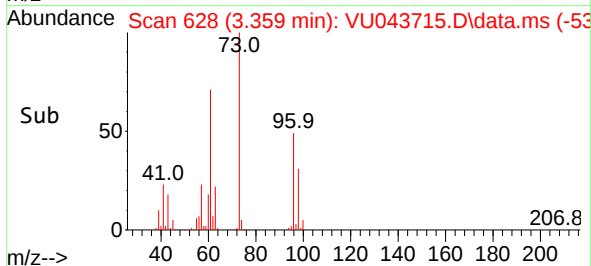


#17
trans-1,2-Dichloroethene
Concen: 53.35 ug/L
RT: 3.359 min Scan# 628
Delta R.T. 0.000 min
Lab File: VU043715.D
Acq: 13 May 2021 21:22

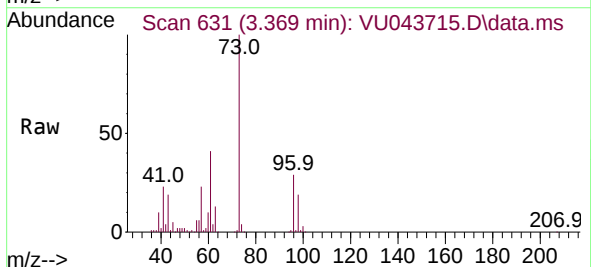
Instrument :
MSVOA_U
ClientSampleId :



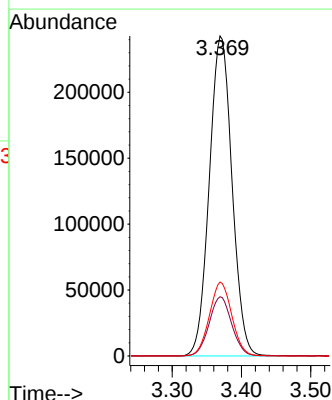
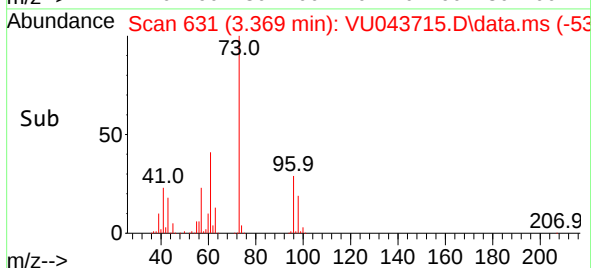
Tgt Ion: 96 Resp: 181564
Ion Ratio Lower Upper
96 100
61 145.0 101.5 188.5
98 64.2 44.9 83.5

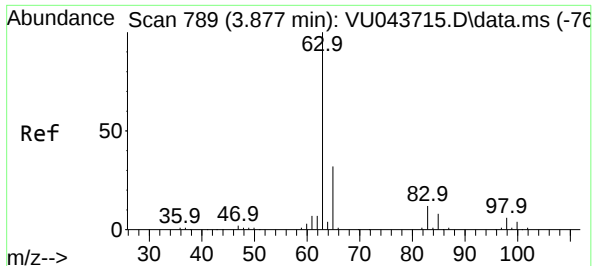


#18
Methyl tert-butyl Ether
Concen: 47.76 ug/L
RT: 3.369 min Scan# 631
Delta R.T. 0.000 min
Lab File: VU043715.D
Acq: 13 May 2021 21:22



Tgt Ion: 73 Resp: 551859
Ion Ratio Lower Upper
73 100
43 18.3 14.6 22.0
57 22.8 18.2 27.4



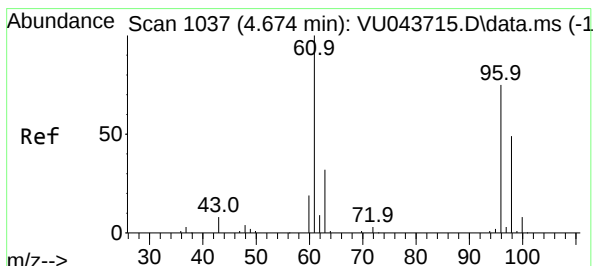
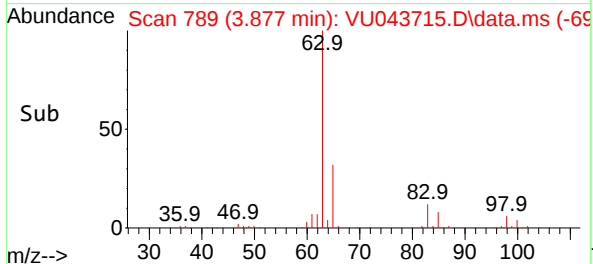
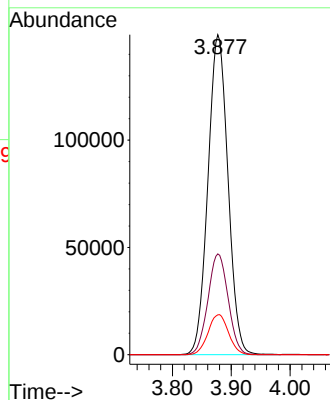
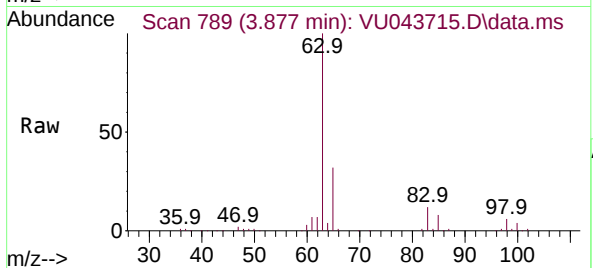


#19

1,1-Dichloroethane
Concen: 50.68 ug/L
RT: 3.877 min Scan# 789
Delta R.T. 0.000 min
Lab File: VU043715.D
Acq: 13 May 2021 21:22

Instrument :
MSVOA_U
ClientSampleId :

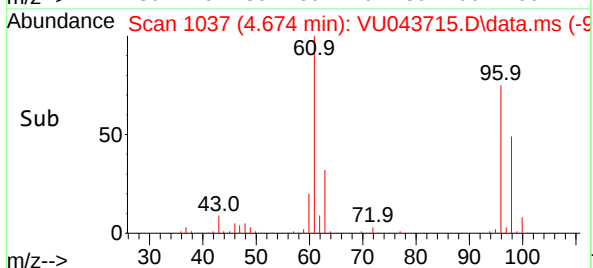
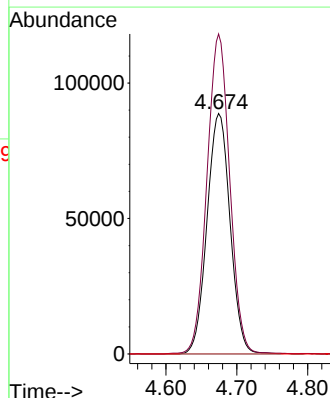
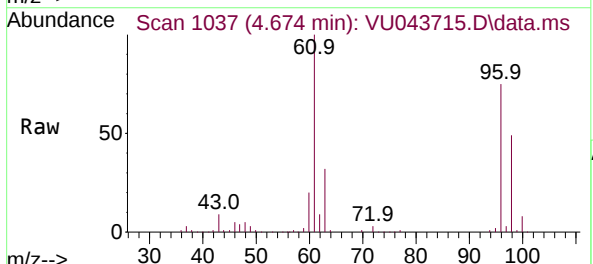
Tgt Ion: 63 Resp: 352633
Ion Ratio Lower Upper
63 100
65 31.5 22.0 41.0
83 12.4 8.7 16.1

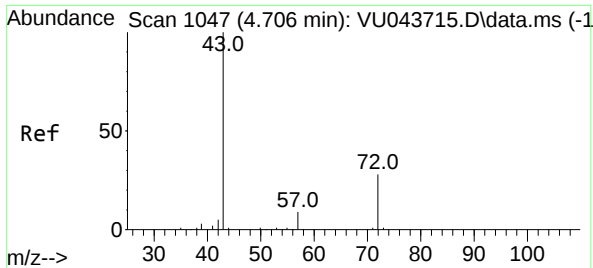


#20

cis-1,2-Dichloroethene
Concen: 53.16 ug/L
RT: 4.674 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VU043715.D
Acq: 13 May 2021 21:22

Tgt Ion: 96 Resp: 201140
Ion Ratio Lower Upper
96 100
61 133.0 93.1 172.9
68 0.0 0.0 0.0

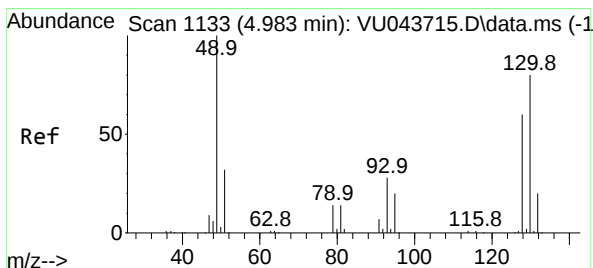
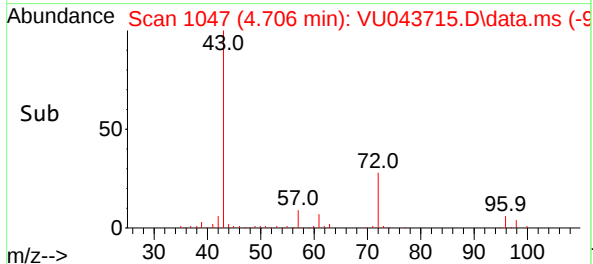
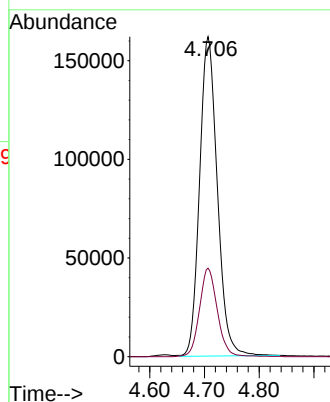
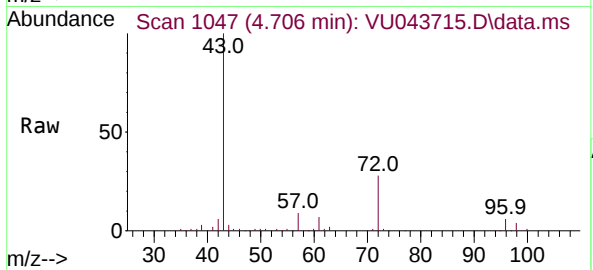




#22
2-Butanone
Concen: 79.46 ug/L
RT: 4.706 min Scan# 1047
Delta R.T. 0.000 min
Lab File: VU043715.D
Acq: 13 May 2021 21:22

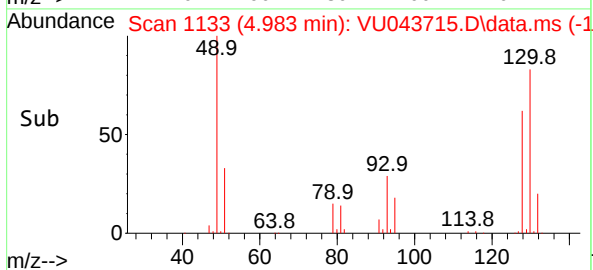
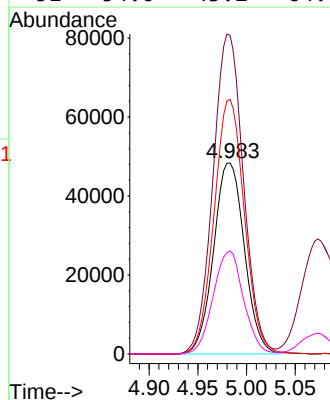
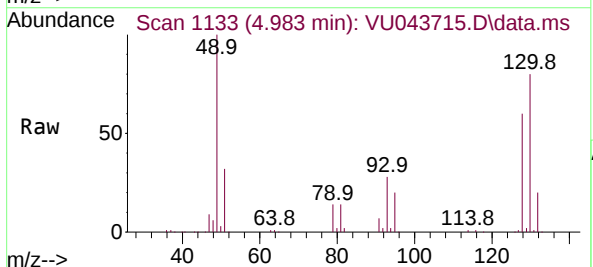
Instrument :
MSVOA_U
ClientSampled :

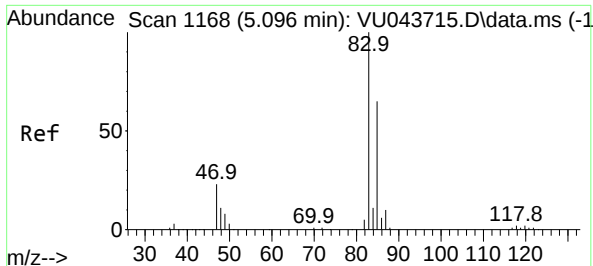
Tgt Ion: 43 Resp: 364709
Ion Ratio Lower Upper
43 100
72 27.7 13.9 41.6



#23
Bromochloromethane
Concen: 52.97 ug/L
RT: 4.983 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VU043715.D
Acq: 13 May 2021 21:22

Tgt Ion:128 Resp: 106394
Ion Ratio Lower Upper
128 100
49 166.8 116.8 216.8
130 133.3 93.3 173.3
51 54.0 43.2 64.8





#25

Chloroform

Concen: 48.15 ug/L

RT: 5.096 min Scan# 1168

Delta R.T. 0.000 min

Lab File: VU043715.D

Acq: 13 May 2021 21:22

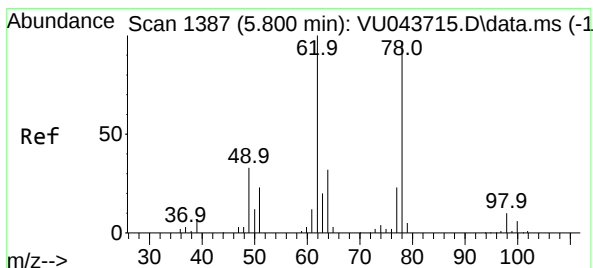
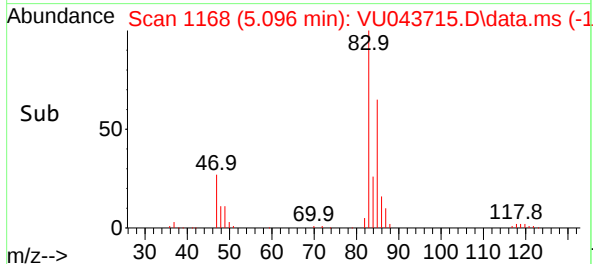
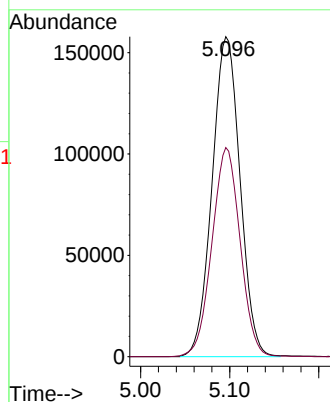
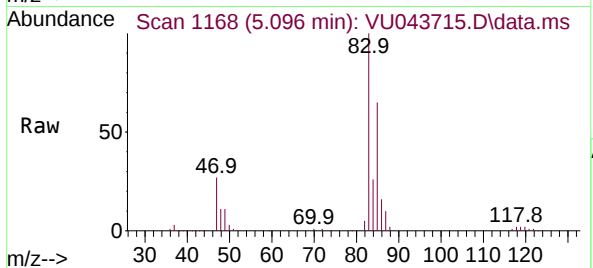
Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 83 Resp: 344456

Ion Ratio Lower Upper

83 100

85 65.3 45.7 84.9



#27

1,2-Dichloroethane

Concen: 41.96 ug/L

RT: 5.800 min Scan# 1387

Delta R.T. 0.000 min

Lab File: VU043715.D

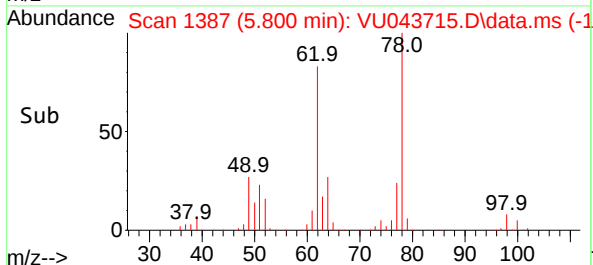
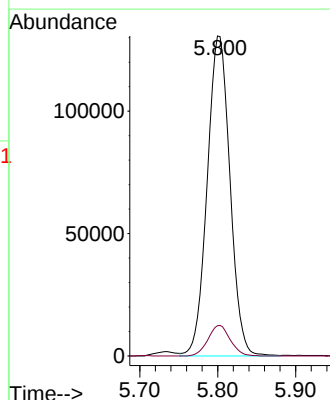
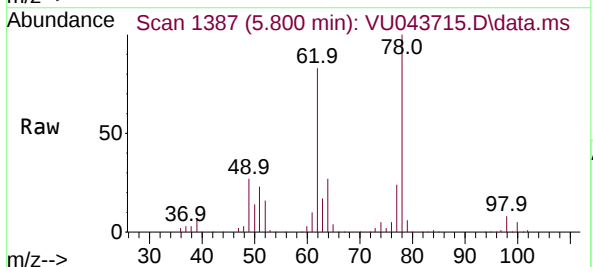
Acq: 13 May 2021 21:22

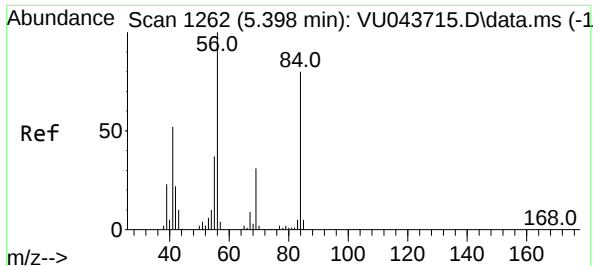
Tgt Ion: 62 Resp: 265586

Ion Ratio Lower Upper

62 100

98 9.5 7.6 11.4





#29

Cyclohexane

Concen: 52.43 ug/L

RT: 5.398 min Scan# 1262

Delta R.T. 0.000 min

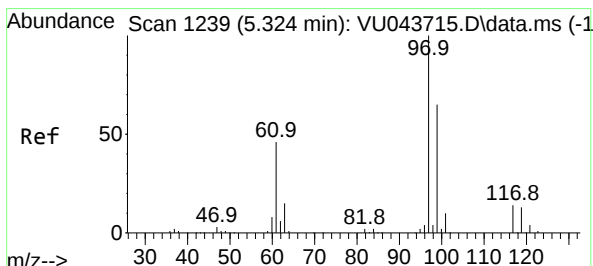
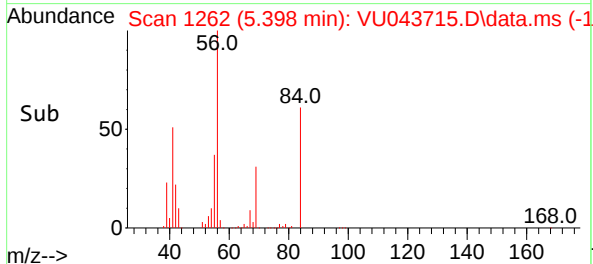
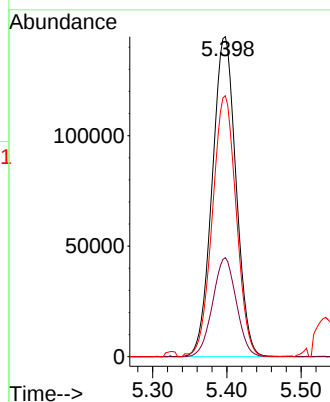
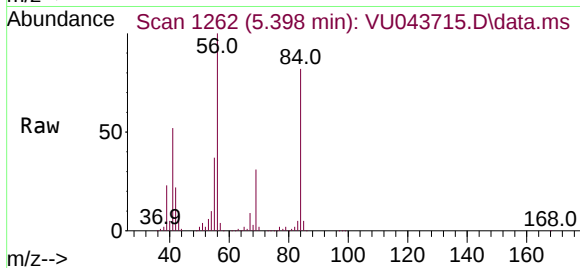
Lab File: VU043715.D

Acq: 13 May 2021 21:22

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 56 Resp: 322707

Ion	Ratio	Lower	Upper
56	100		
69	30.8	24.6	37.0
84	81.2	65.0	97.4



#30

1,1,1-Trichloroethane

Concen: 45.29 ug/L

RT: 5.324 min Scan# 1239

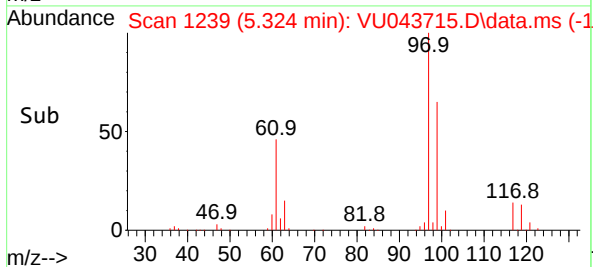
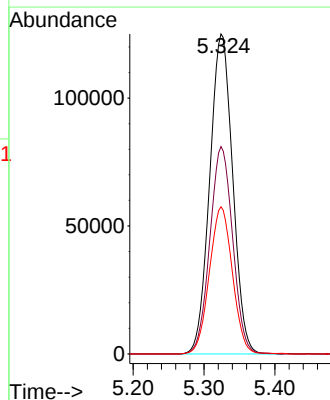
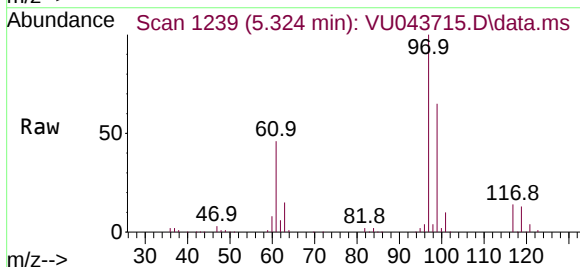
Delta R.T. 0.000 min

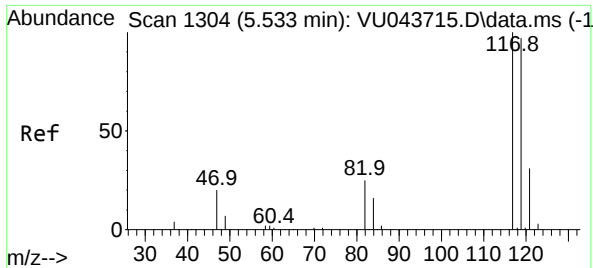
Lab File: VU043715.D

Acq: 13 May 2021 21:22

Tgt Ion: 97 Resp: 281016

Ion	Ratio	Lower	Upper
97	100		
99	64.6	51.7	77.5
61	46.1	36.9	55.3

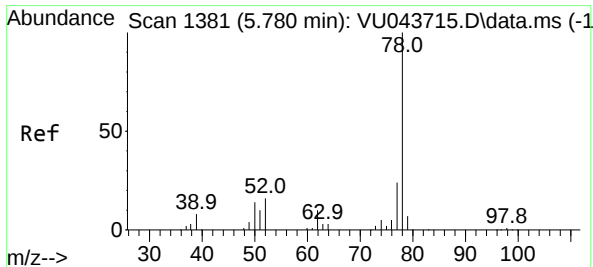
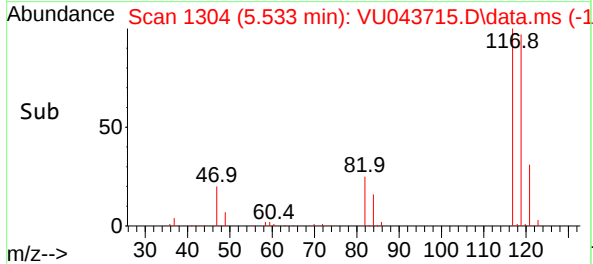
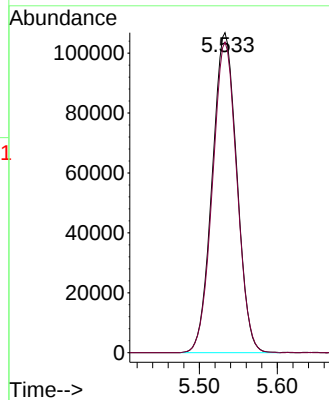
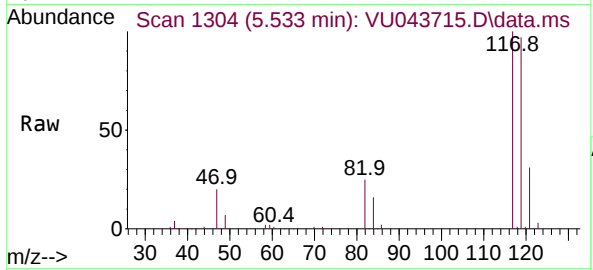




#31
Carbon tetrachloride
Concen: 43.42 ug/L
RT: 5.533 min Scan# 1304
Delta R.T. 0.000 min
Lab File: VU043715.D
Acq: 13 May 2021 21:22

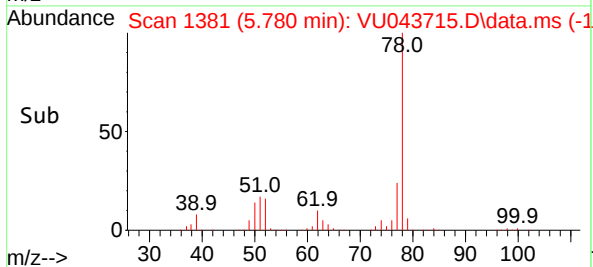
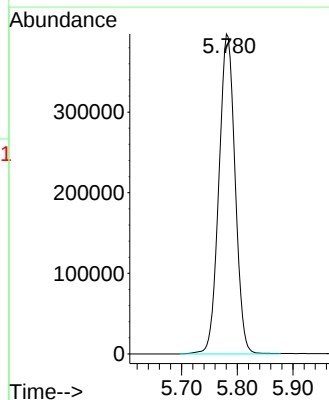
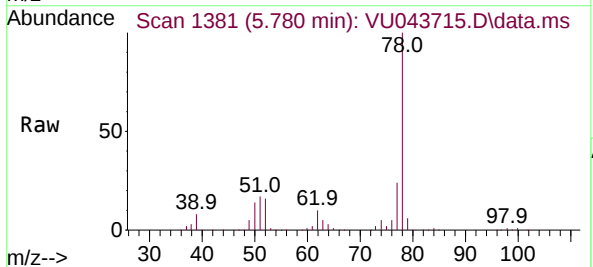
Instrument :
MSVOA_U
ClientSampleId :

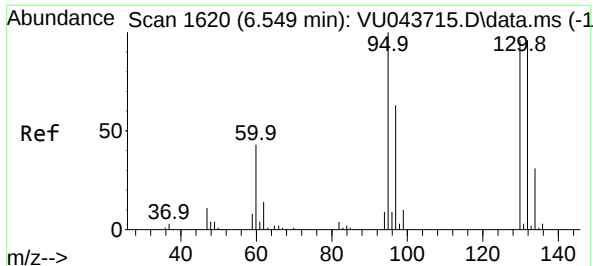
Tgt Ion:117 Resp: 234248
Ion Ratio Lower Upper
117 100
119 96.3 77.0 115.6



#33
Benzene
Concen: 54.39 ug/L
RT: 5.780 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VU043715.D
Acq: 13 May 2021 21:22

Tgt Ion: 78 Resp: 804373



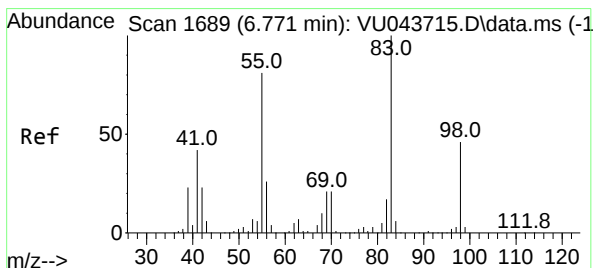
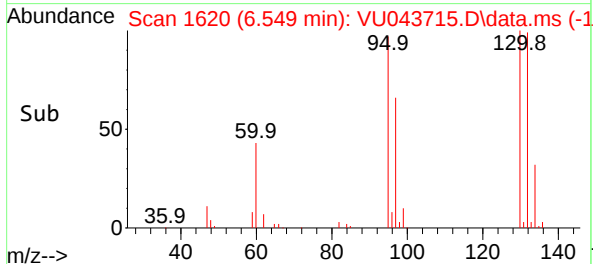
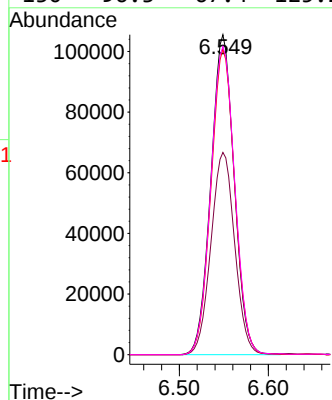
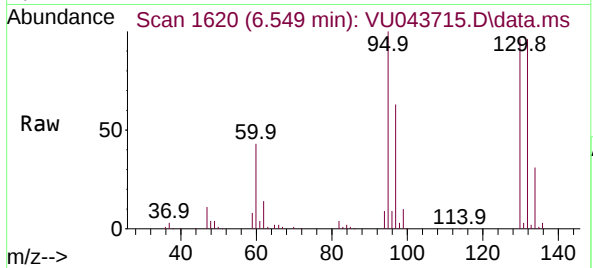


#34
Trichloroethene
Concen: 51.14 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VU043715.D
Acq: 13 May 2021 21:22

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 95 Resp: 192339

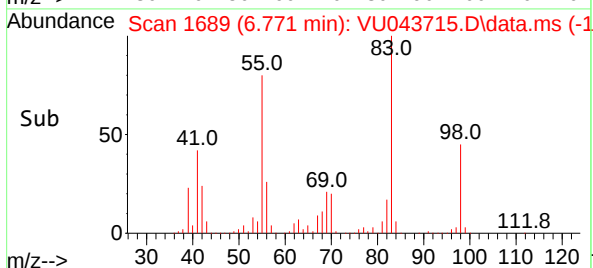
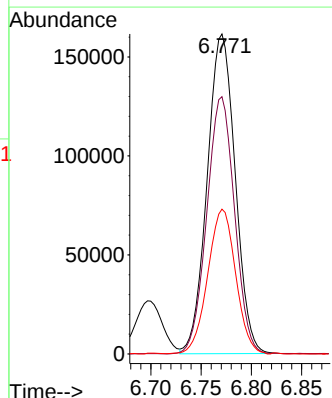
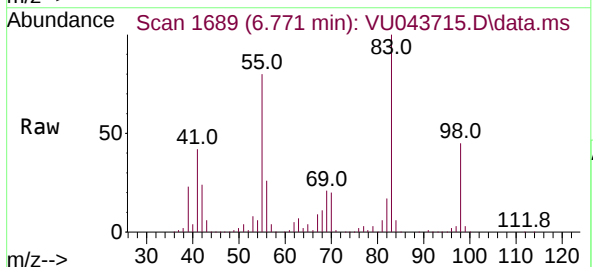
Ion	Ratio	Lower	Upper
95	100		
97	63.2	44.2	82.2
132	95.5	66.8	124.2
130	96.3	67.4	125.2

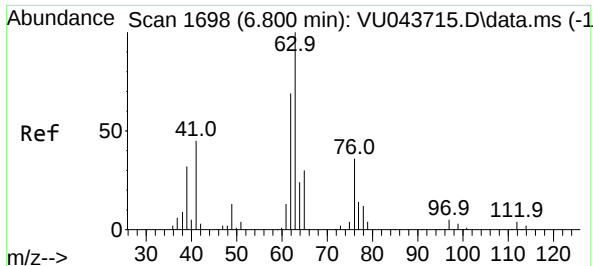


#35
Methylcyclohexane
Concen: 53.27 ug/L
RT: 6.771 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VU043715.D
Acq: 13 May 2021 21:22

Tgt Ion: 83 Resp: 313161

Ion	Ratio	Lower	Upper
83	100		
55	79.7	63.8	95.6
98	45.2	36.2	54.2



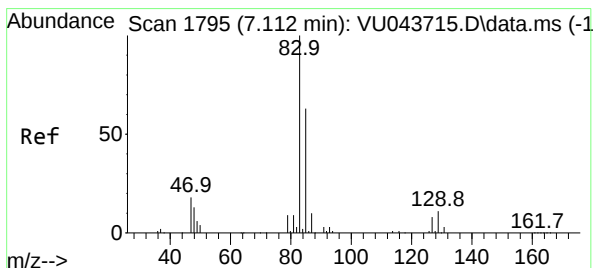
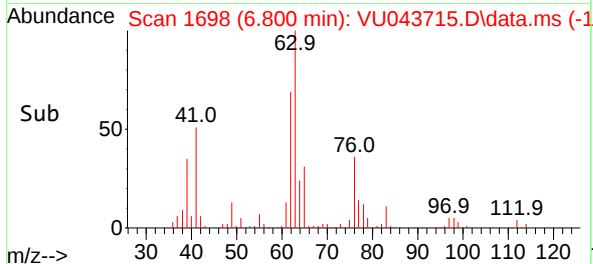
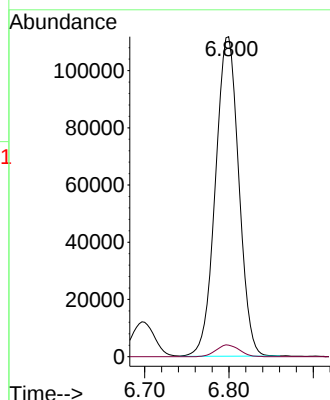
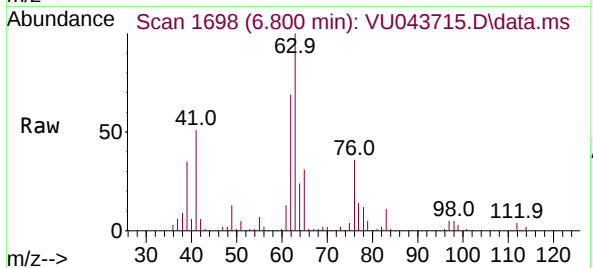


#37

1,2-Dichloropropane
Concen: 52.75 ug/L
RT: 6.800 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VU043715.D
Acq: 13 May 2021 21:22

Instrument :
MSVOA_U
ClientSampleId :

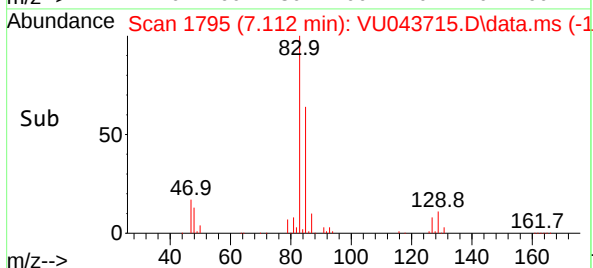
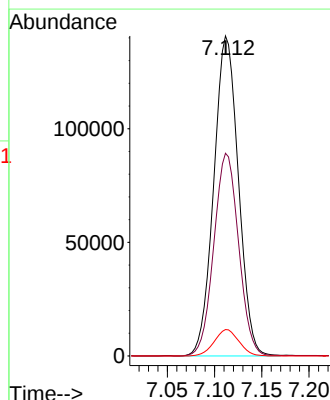
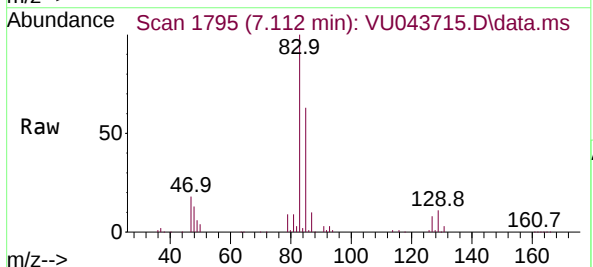
Tgt Ion: 63 Resp: 214548
Ion Ratio Lower Upper
63 100
112 3.7 3.0 4.4

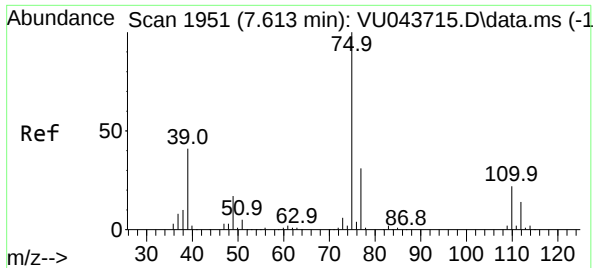


#38

Bromodichloromethane
Concen: 47.85 ug/L
RT: 7.112 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VU043715.D
Acq: 13 May 2021 21:22

Tgt Ion: 83 Resp: 255261
Ion Ratio Lower Upper
83 100
85 63.3 44.3 82.3
127 8.2 6.6 9.8



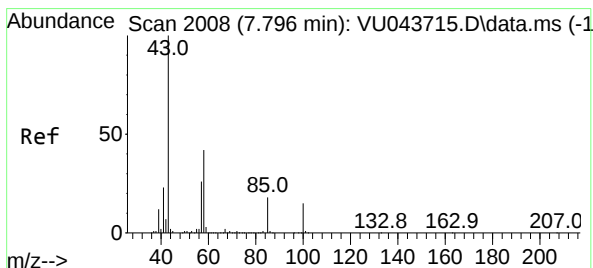
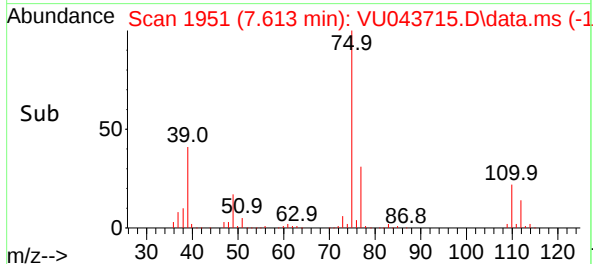
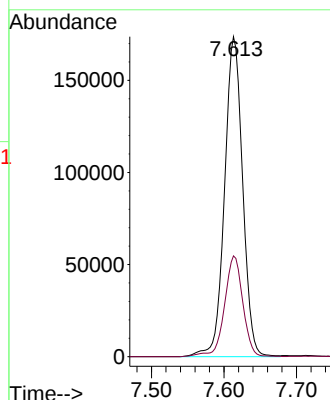
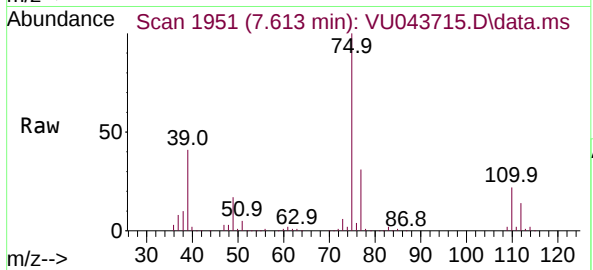


#39

cis-1,3-Dichloropropene
Concen: 50.25 ug/L
RT: 7.613 min Scan# 1951
Delta R.T. 0.000 min
Lab File: VU043715.D
Acq: 13 May 2021 21:22

Instrument :
MSVOA_U
ClientSampleId :

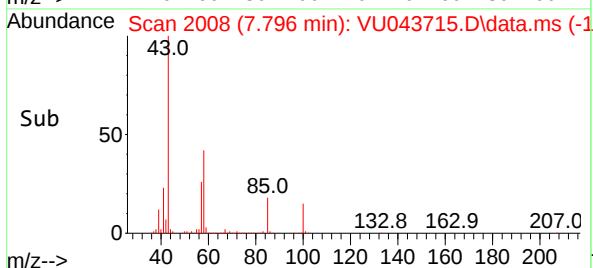
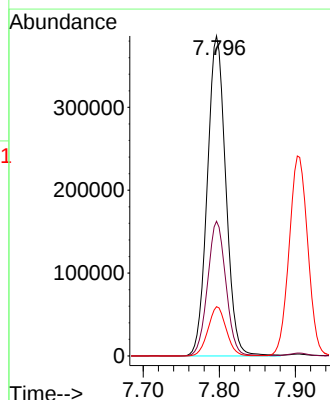
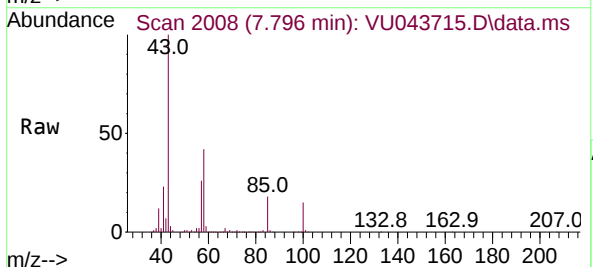
Tgt Ion: 75 Resp: 301345
Ion Ratio Lower Upper
75 100
77 31.5 22.0 41.0

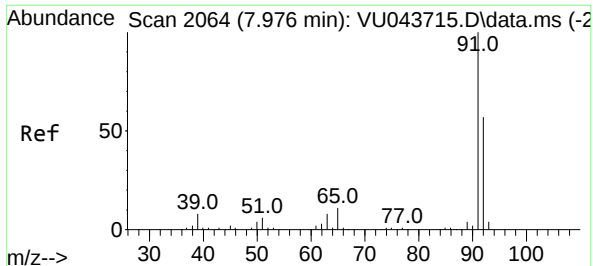


#40

4-Methyl-2-pentanone
Concen: 80.96 ug/L
RT: 7.796 min Scan# 2008
Delta R.T. 0.000 min
Lab File: VU043715.D
Acq: 13 May 2021 21:22

Tgt Ion: 43 Resp: 652694
Ion Ratio Lower Upper
43 100
58 41.7 33.4 50.0
100 15.2 12.2 18.2

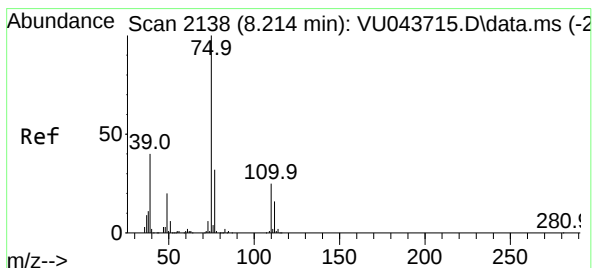
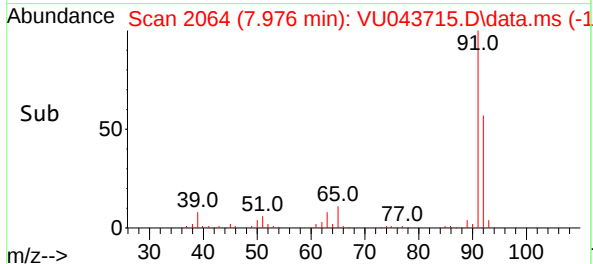
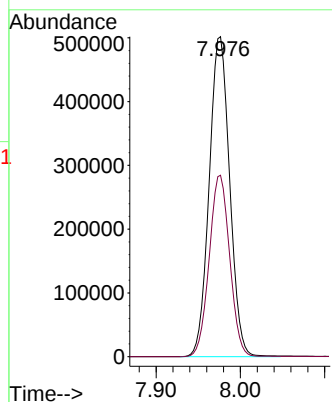
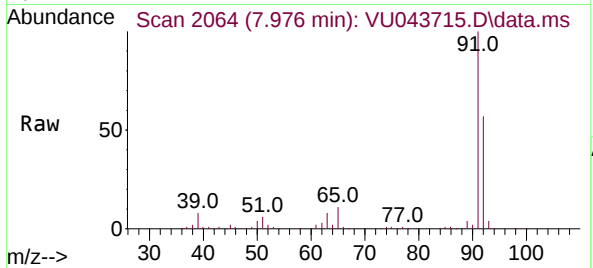




#42
Toluene
Concen: 52.75 ug/L
RT: 7.976 min Scan# 2064
Delta R.T. 0.000 min
Lab File: VU043715.D
Acq: 13 May 2021 21:22

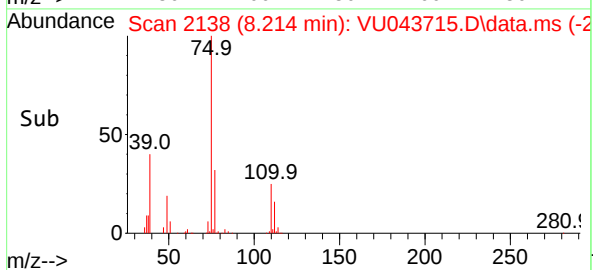
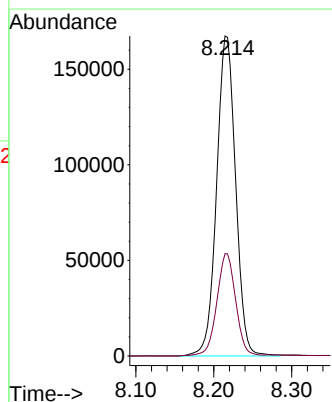
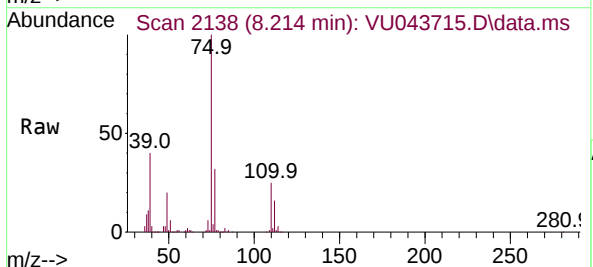
Instrument :
MSVOA_U
ClientSampled :

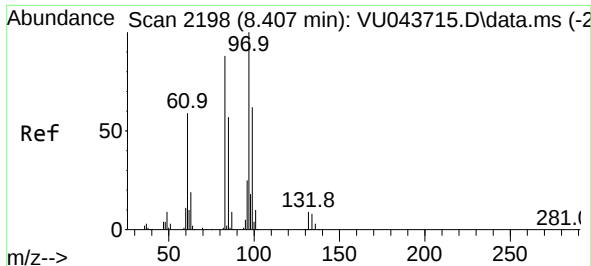
Tgt Ion: 91 Resp: 847950
Ion Ratio Lower Upper
91 100
92 56.7 39.7 73.7



#44
trans-1,3-Dichloropropene
Concen: 46.80 ug/L
RT: 8.214 min Scan# 2138
Delta R.T. 0.000 min
Lab File: VU043715.D
Acq: 13 May 2021 21:22

Tgt Ion: 75 Resp: 283446
Ion Ratio Lower Upper
75 100
77 32.0 22.4 41.6

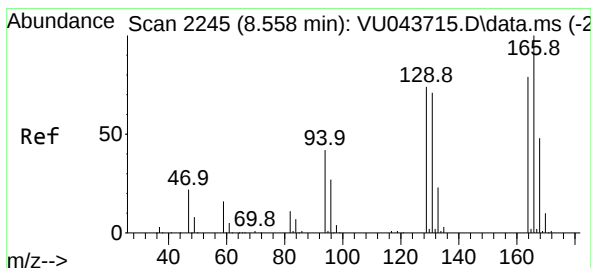
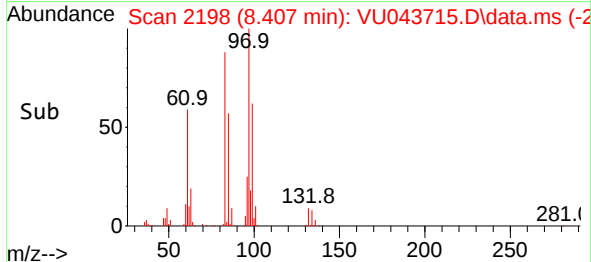
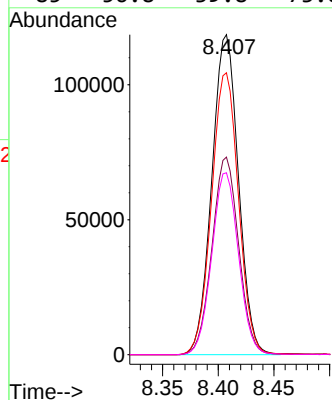
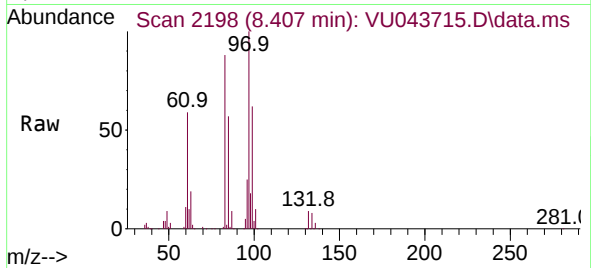




#45
1,1,2-Trichloroethane
Concen: 52.14 ug/L
RT: 8.407 min Scan# 2198
Delta R.T. 0.000 min
Lab File: VU043715.D
Acq: 13 May 2021 21:22

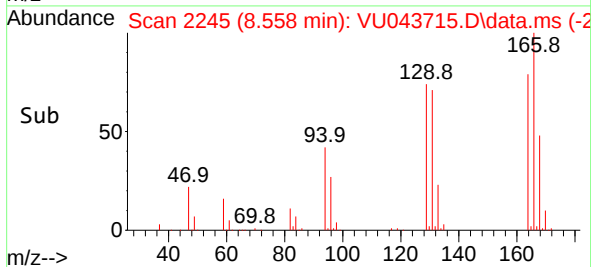
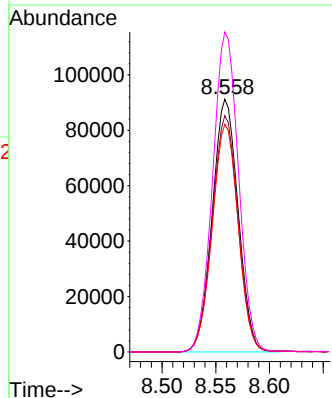
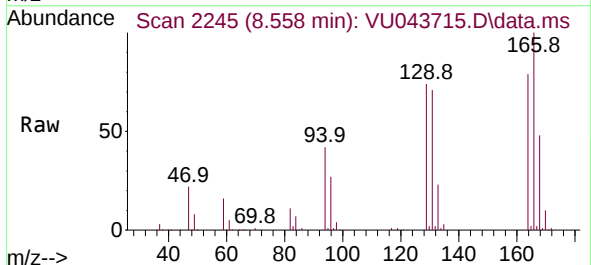
Instrument :
MSVOA_U
ClientSampleId :

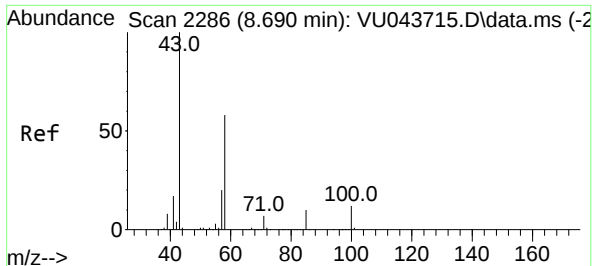
Tgt Ion:	97	Resp:	197535
Ion	Ratio	Lower	Upper
97	100		
99	61.7	43.2	80.2
83	88.1	61.7	114.5
85	56.8	39.8	73.8



#46
Tetrachloroethene
Concen: 49.82 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. 0.000 min
Lab File: VU043715.D
Acq: 13 May 2021 21:22

Tgt Ion:	164	Resp:	153078
Ion	Ratio	Lower	Upper
164	100		
129	93.5	65.5	121.6
131	90.0	63.0	117.0
166	126.6	88.6	164.6



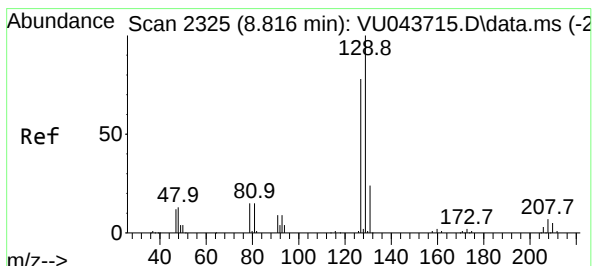
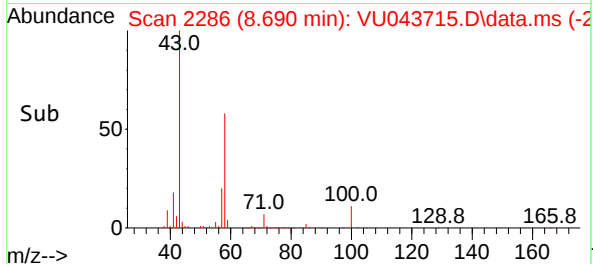
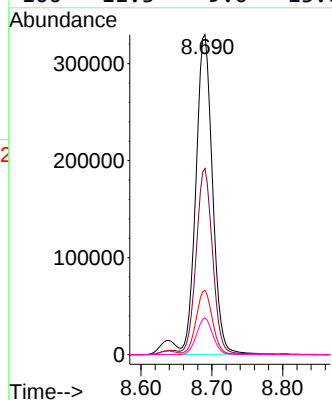
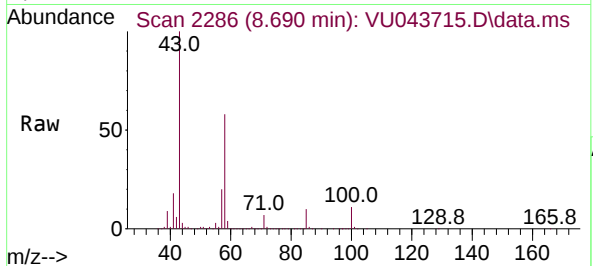


#48
2-Hexanone
Concen: 79.19 ug/L
RT: 8.690 min Scan# 2286
Delta R.T. 0.000 min
Lab File: VU043715.D
Acq: 13 May 2021 21:22

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 533285

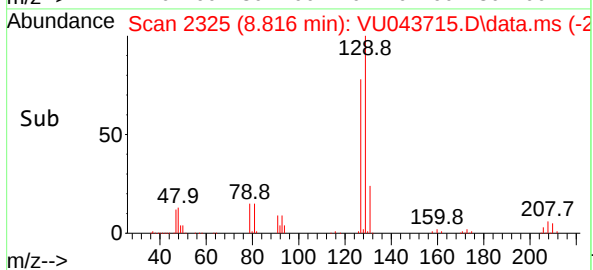
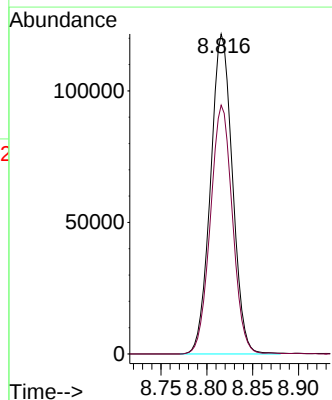
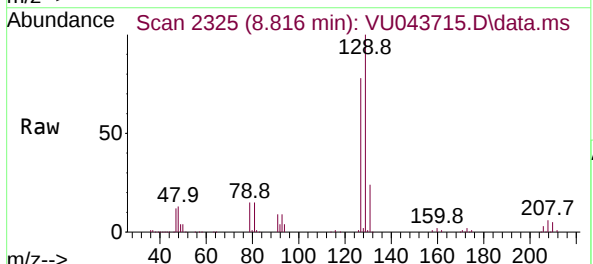
Ion	Ratio	Lower	Upper
43	100		
58	57.7	46.2	69.2
57	19.9	15.9	23.9
100	11.3	9.0	13.6

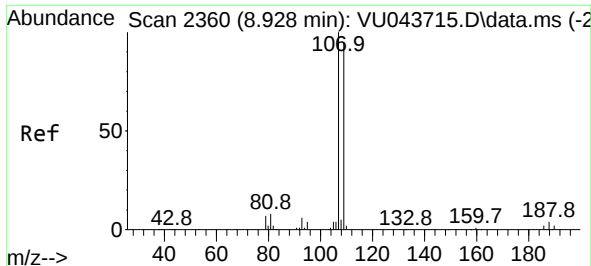


#49
Dibromochloromethane
Concen: 46.82 ug/L
RT: 8.816 min Scan# 2325
Delta R.T. 0.000 min
Lab File: VU043715.D
Acq: 13 May 2021 21:22

Tgt Ion: 129 Resp: 202516

Ion	Ratio	Lower	Upper
129	100		
127	77.8	54.5	101.1





#50

1,2-Dibromoethane

Concen: 48.84 ug/L

RT: 8.928 min Scan# 2360

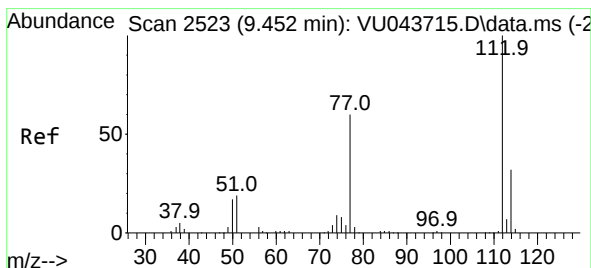
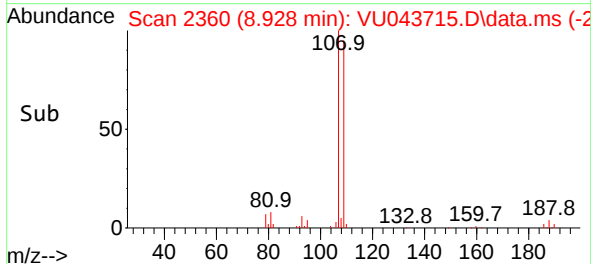
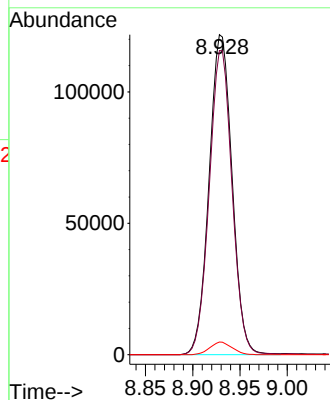
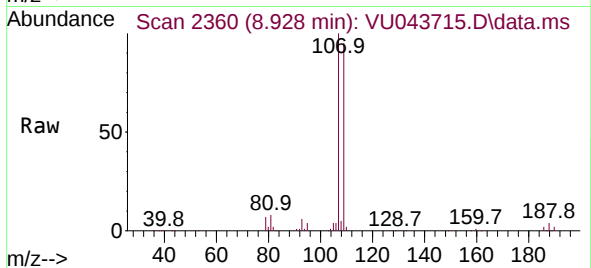
Delta R.T. 0.000 min

Lab File: VU043715.D

Acq: 13 May 2021 21:22

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:	107	Resp:	205880
Ion	Ratio	Lower	Upper
107	100		
109	95.0	66.5	123.5
188	4.0	3.2	4.8



#51

Chlorobenzene

Concen: 50.81 ug/L

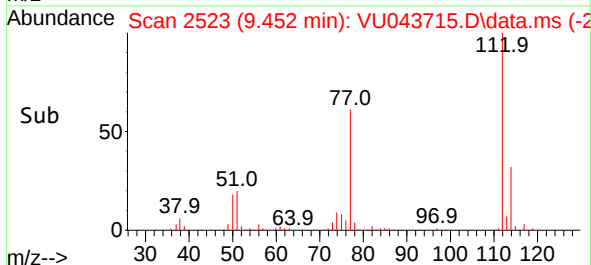
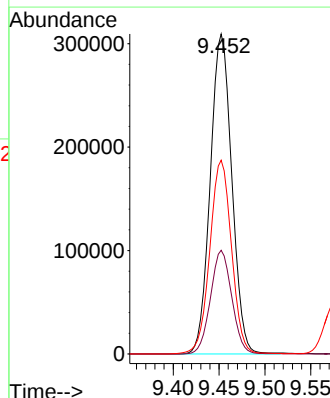
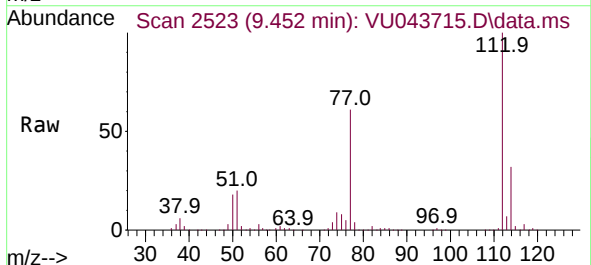
RT: 9.452 min Scan# 2523

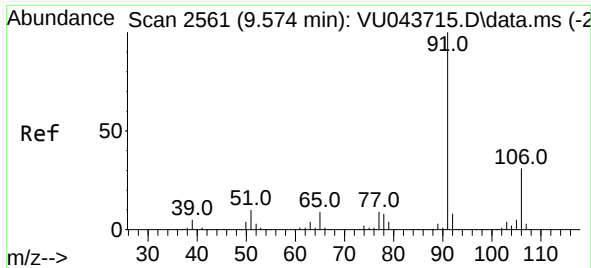
Delta R.T. 0.000 min

Lab File: VU043715.D

Acq: 13 May 2021 21:22

Tgt Ion:	112	Resp:	506204
Ion	Ratio	Lower	Upper
112	100		
114	32.4	22.7	42.1
77	60.6	48.5	72.7

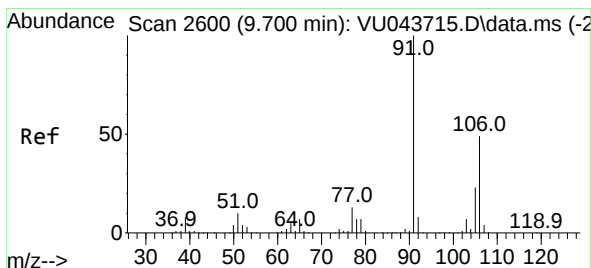
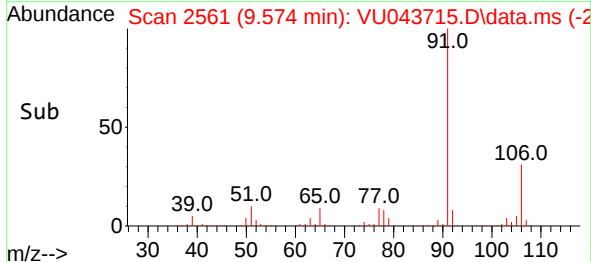
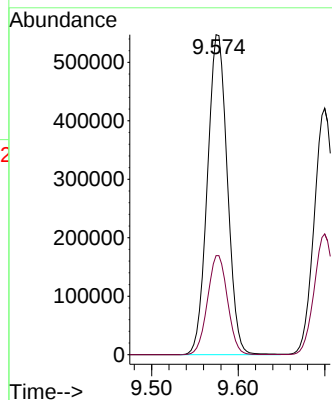
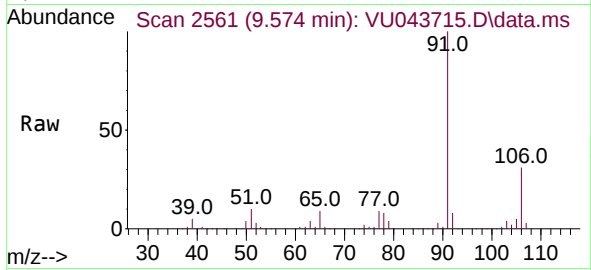




#52
Ethylbenzene
Concen: 49.82 ug/L
RT: 9.574 min Scan# 2561
Delta R.T. 0.000 min
Lab File: VU043715.D
Acq: 13 May 2021 21:22

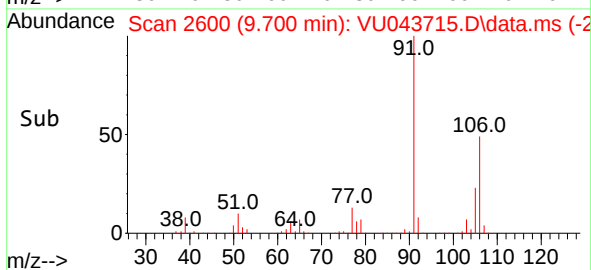
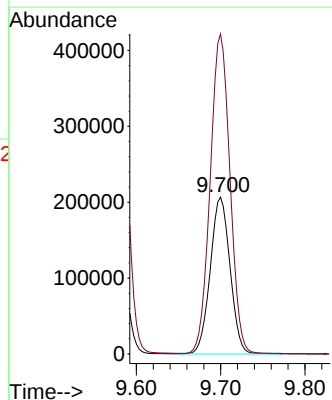
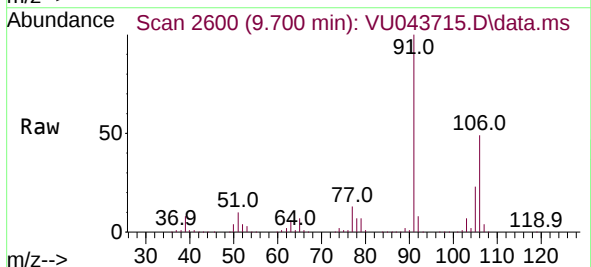
Instrument :
MSVOA_U
ClientSampleId :

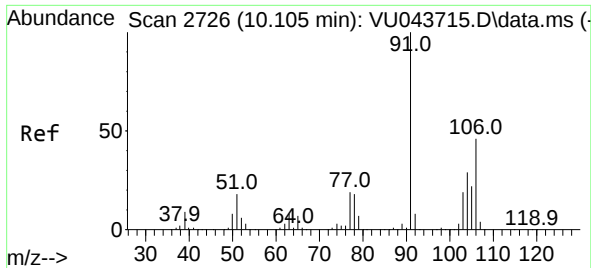
Tgt Ion: 91 Resp: 874750
Ion Ratio Lower Upper
91 100
106 30.9 21.6 40.2



#53
m,p-Xylene
Concen: 51.64 ug/L
RT: 9.700 min Scan# 2600
Delta R.T. 0.000 min
Lab File: VU043715.D
Acq: 13 May 2021 21:22

Tgt Ion: 106 Resp: 337030
Ion Ratio Lower Upper
106 100
91 204.2 142.9 265.5

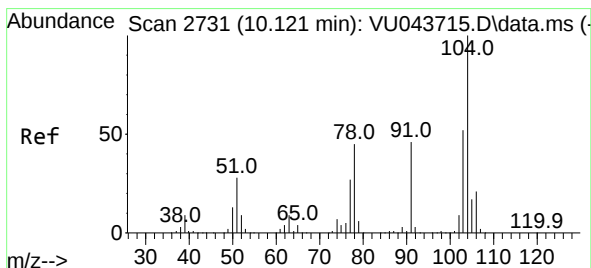
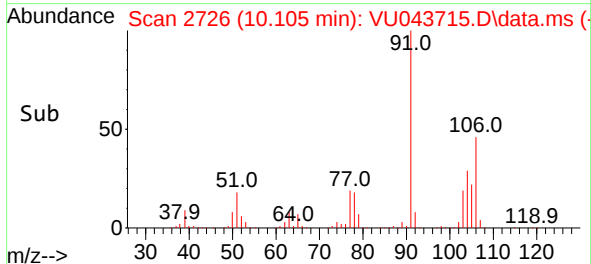
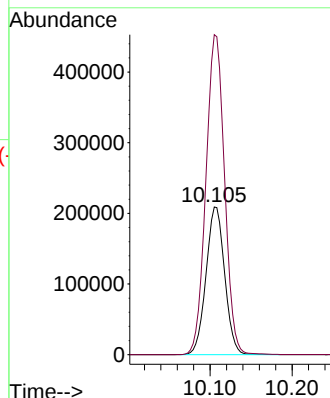
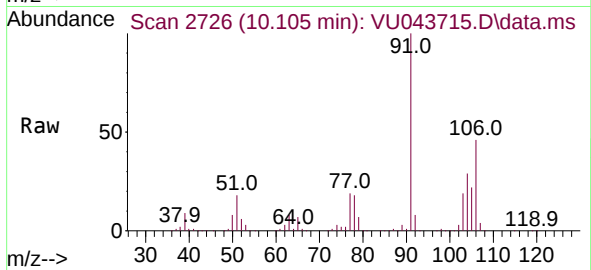




#54
o-xylene
Concen: 51.19 ug/L
RT: 10.105 min Scan# 2726
Delta R.T. 0.000 min
Lab File: VU043715.D
Acq: 13 May 2021 21:22

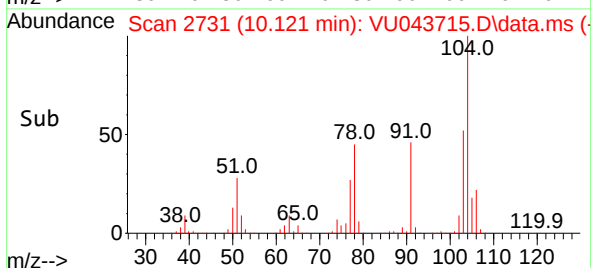
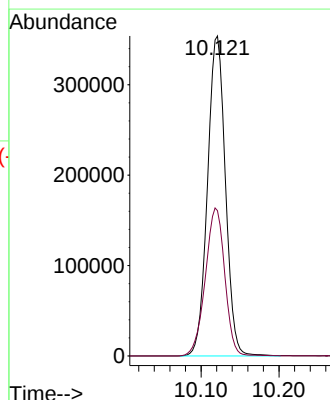
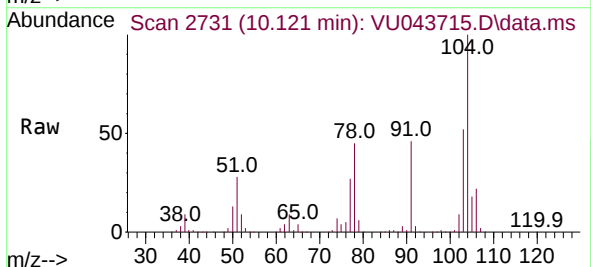
Instrument :
MSVOA_U
ClientSampleId :

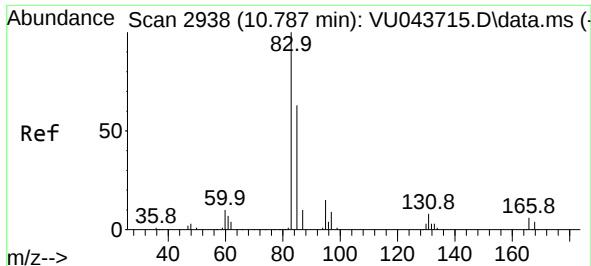
Tgt Ion:106 Resp: 329940
Ion Ratio Lower Upper
106 100
91 216.6 151.6 281.6



#55
Styrene
Concen: 51.29 ug/L
RT: 10.121 min Scan# 2731
Delta R.T. 0.000 min
Lab File: VU043715.D
Acq: 13 May 2021 21:22

Tgt Ion:104 Resp: 565062
Ion Ratio Lower Upper
104 100
78 45.4 31.8 59.0

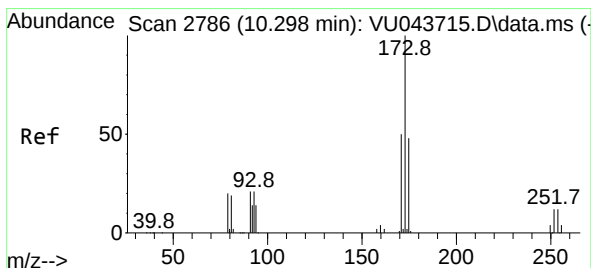
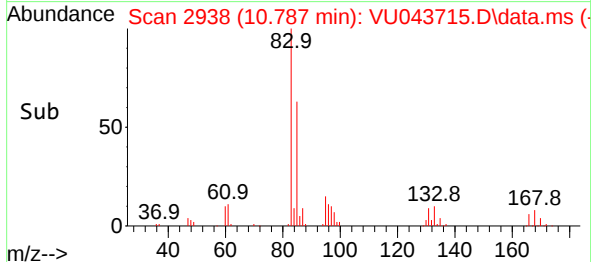
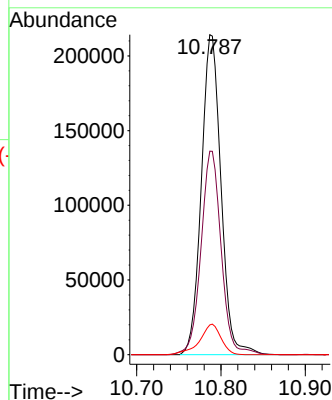
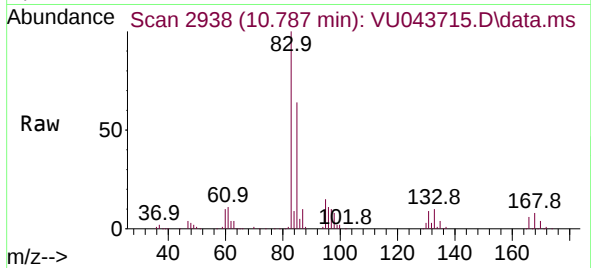




#57
1,1,2,2-Tetrachloroethane
Concen: 48.04 ug/L
RT: 10.787 min Scan# 2938
Delta R.T. 0.000 min
Lab File: VU043715.D
Acq: 13 May 2021 21:22

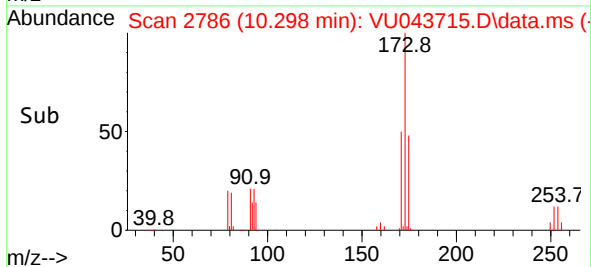
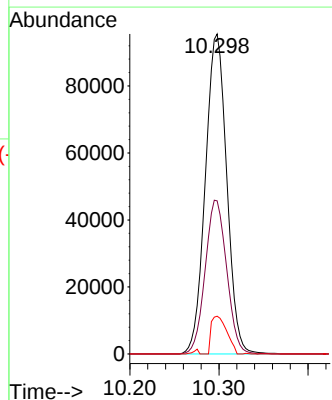
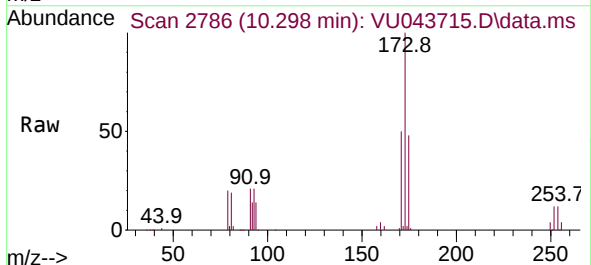
Instrument :
MSVOA_U
ClientSampleId :

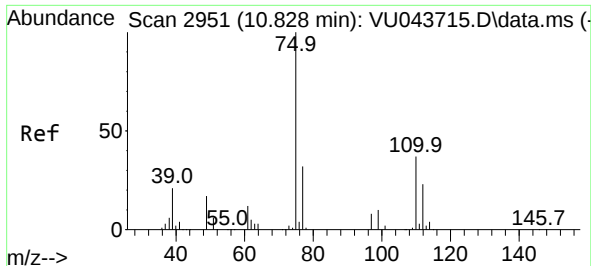
Tgt Ion: 83 Resp: 347805
Ion Ratio Lower Upper
83 100
85 63.6 44.5 82.7
131 9.3 7.4 11.2



#59
Bromoform
Concen: 45.43 ug/L
RT: 10.298 min Scan# 2786
Delta R.T. 0.000 min
Lab File: VU043715.D
Acq: 13 May 2021 21:22

Tgt Ion:173 Resp: 159172
Ion Ratio Lower Upper
173 100
175 48.2 38.6 57.8
254 8.5 6.8 10.2

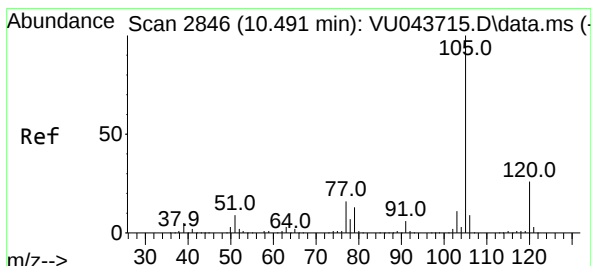
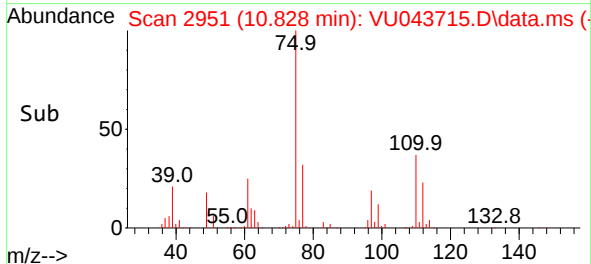
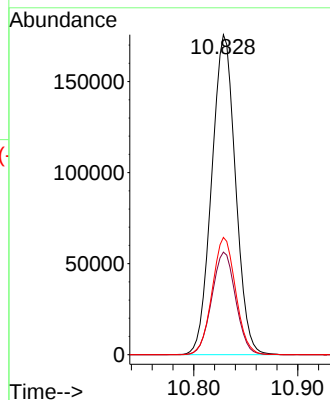
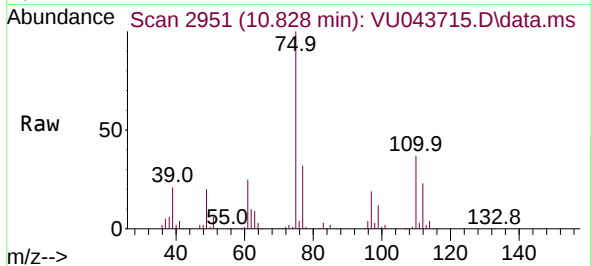




#60
1,2,3-Trichloropropane
Concen: 46.76 ug/L
RT: 10.828 min Scan# 2951
Delta R.T. 0.000 min
Lab File: VU043715.D
Acq: 13 May 2021 21:22

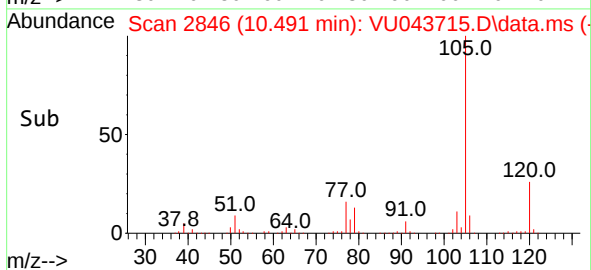
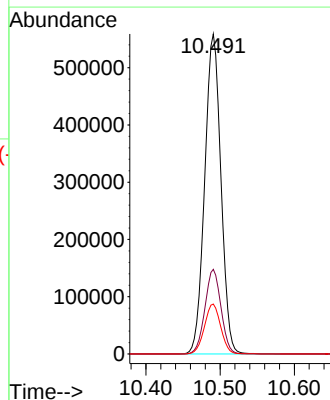
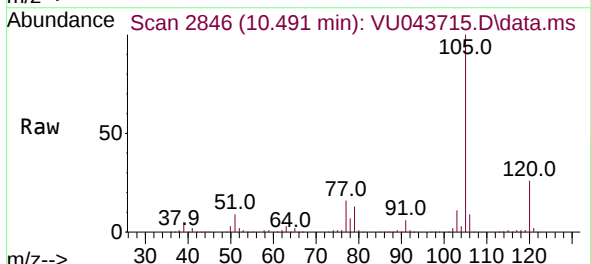
Instrument :
MSVOA_U
ClientSampleId :

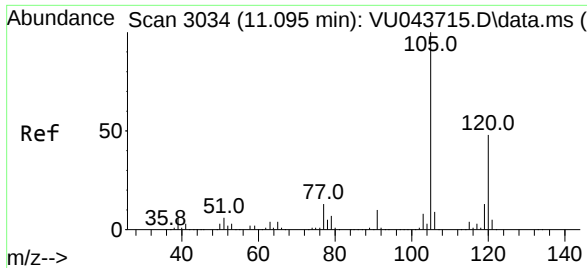
Tgt Ion:	75	Resp:	279823
Ion	Ratio	Lower	Upper
75	100		
77	32.2	25.8	38.6
110	36.1	28.9	43.3



#61
Isopropylbenzene
Concen: 49.28 ug/L
RT: 10.491 min Scan# 2846
Delta R.T. 0.000 min
Lab File: VU043715.D
Acq: 13 May 2021 21:22

Tgt Ion:	105	Resp:	845501
Ion	Ratio	Lower	Upper
105	100		
120	26.2	21.0	31.4
77	15.6	12.5	18.7

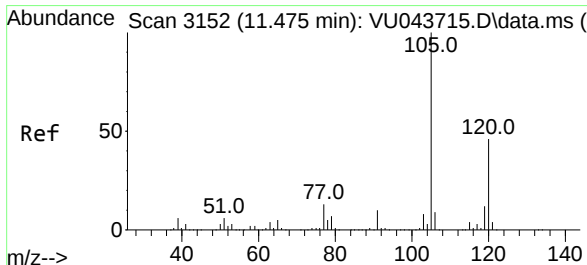
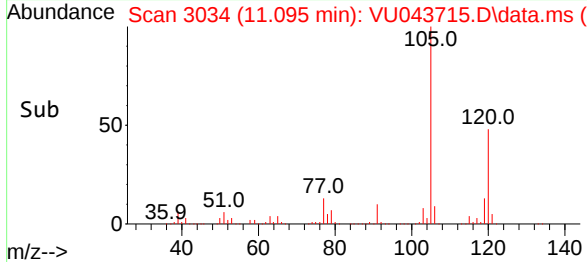
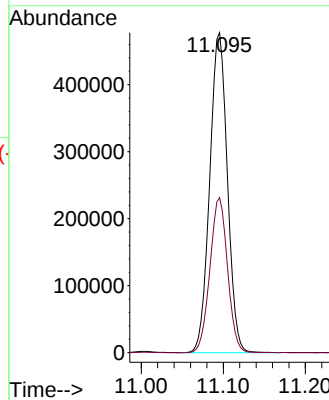
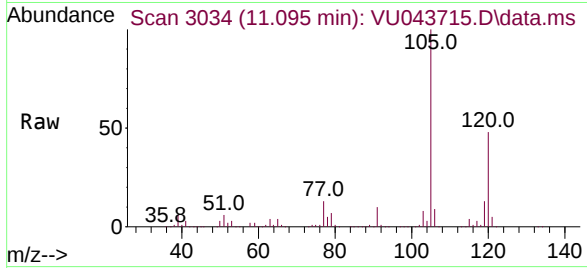




#62
1,3,5-Trimethylbenzene
Concen: 48.72 ug/L
RT: 11.095 min Scan# 3034
Delta R.T. 0.000 min
Lab File: VU043715.D
Acq: 13 May 2021 21:22

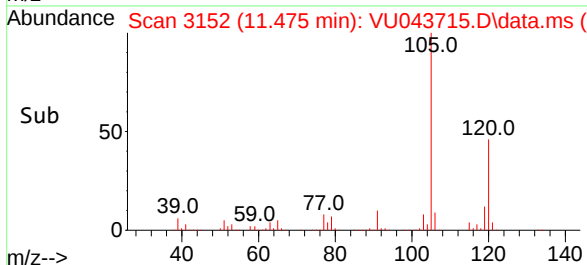
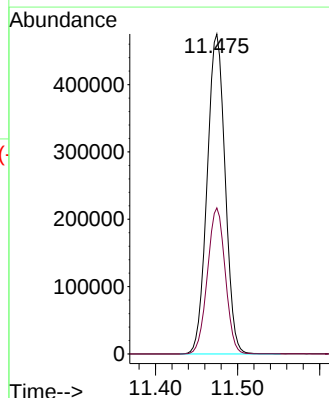
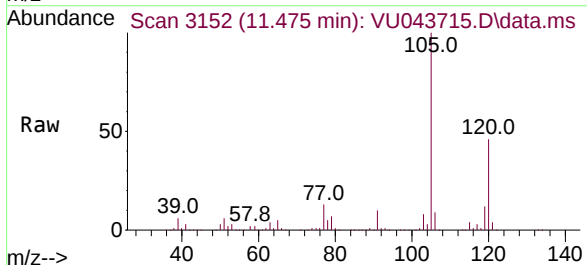
Instrument :
MSVOA_U
ClientSampleId :

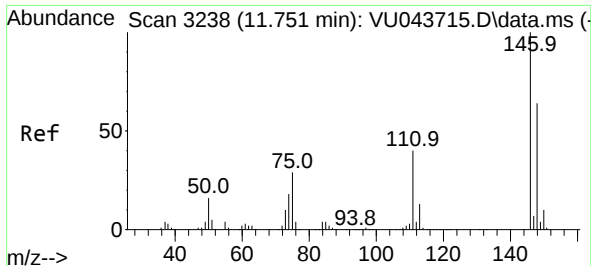
Tgt Ion:105 Resp: 713922
Ion Ratio Lower Upper
105 100
120 48.4 38.7 58.1



#63
1,2,4-Trimethylbenzene
Concen: 47.79 ug/L
RT: 11.475 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VU043715.D
Acq: 13 May 2021 21:22

Tgt Ion:105 Resp: 723950
Ion Ratio Lower Upper
105 100
120 45.2 36.2 54.2

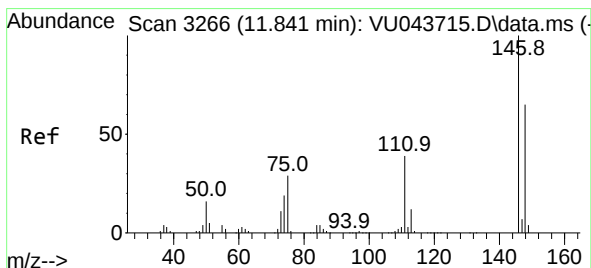
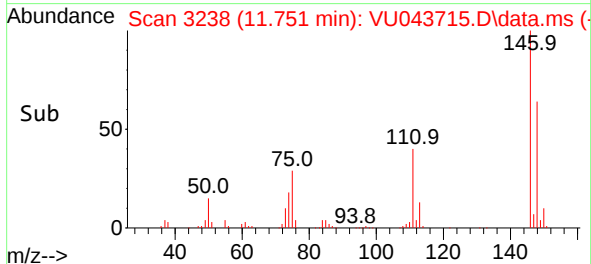
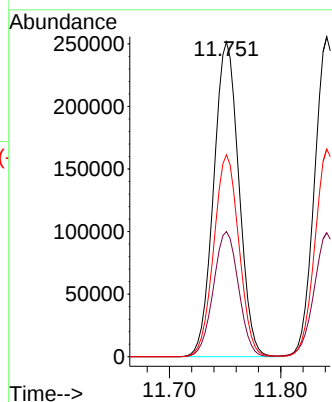
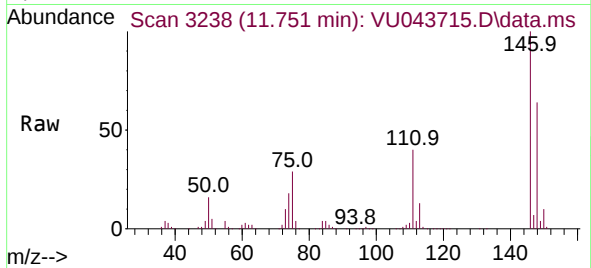




#64
1,3-Dichlorobenzene
Concen: 47.28 ug/L
RT: 11.751 min Scan# 3238
Delta R.T. 0.000 min
Lab File: VU043715.D
Acq: 13 May 2021 21:22

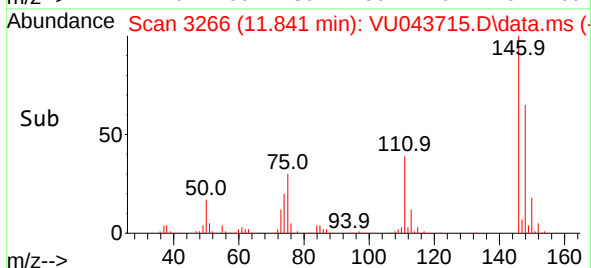
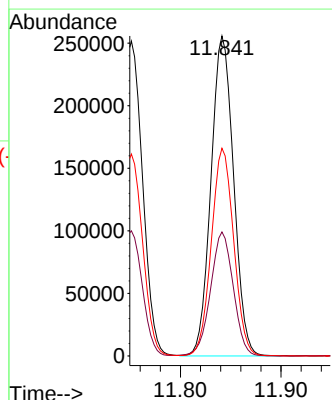
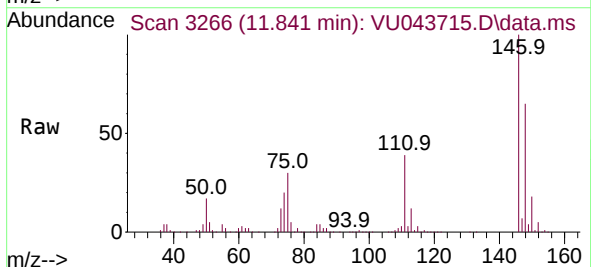
Instrument :
MSVOA_U
ClientSampleId :

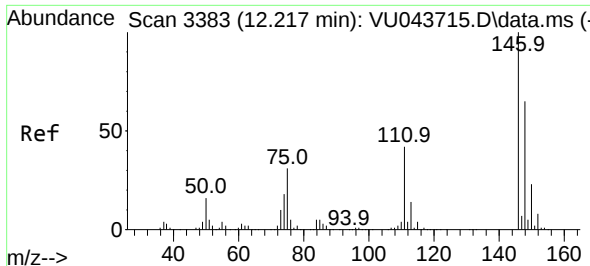
Tgt Ion:146 Resp: 394828
Ion Ratio Lower Upper
146 100
111 39.7 27.8 51.6
148 64.1 44.9 83.3



#65
1,4-Dichlorobenzene
Concen: 47.10 ug/L
RT: 11.841 min Scan# 3266
Delta R.T. 0.000 min
Lab File: VU043715.D
Acq: 13 May 2021 21:22

Tgt Ion:146 Resp: 399675
Ion Ratio Lower Upper
146 100
111 38.7 27.1 50.3
148 64.9 45.4 84.4

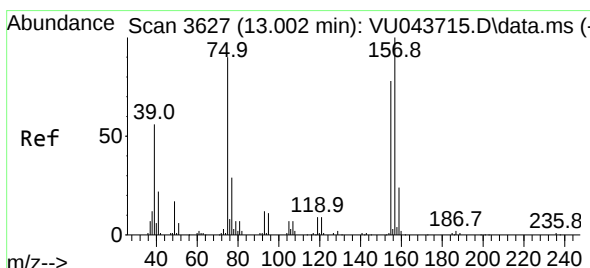
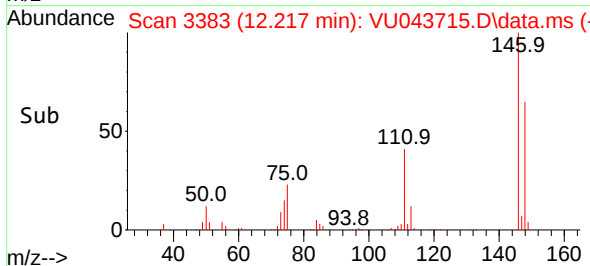
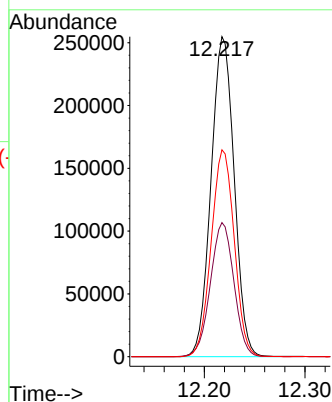
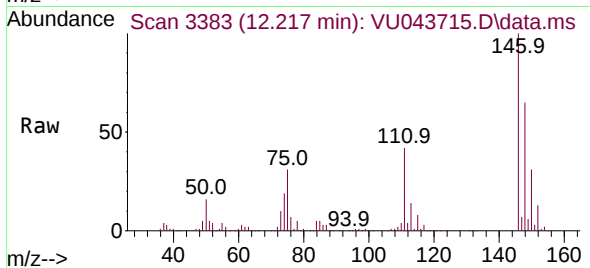




#67
1,2-Dichlorobenzene
Concen: 47.40 ug/L
RT: 12.217 min Scan# 3383
Delta R.T. 0.000 min
Lab File: VU043715.D
Acq: 13 May 2021 21:22

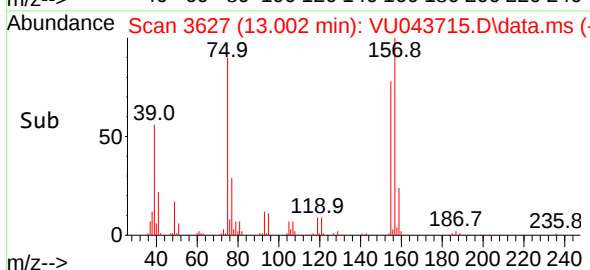
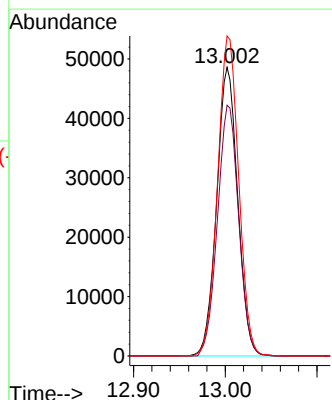
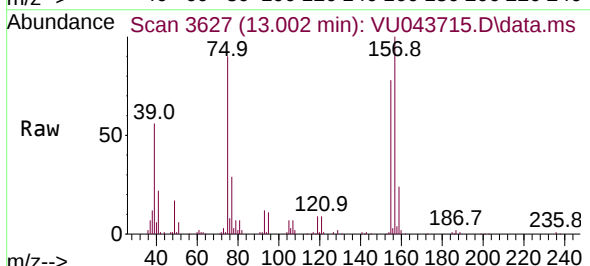
Instrument :
MSVOA_U
ClientSampleId :

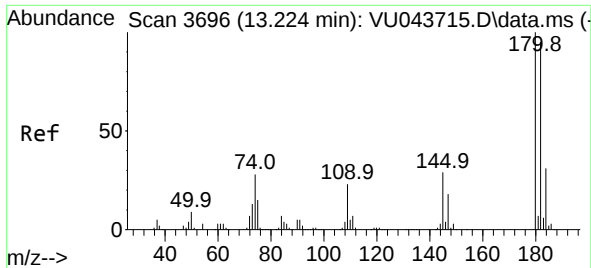
Tgt Ion:146 Resp: 407531
Ion Ratio Lower Upper
146 100
111 41.9 33.5 50.3
148 64.6 51.7 77.5



#68
1,2-Dibromo-3-chloropropane
Concen: 38.96 ug/L
RT: 13.002 min Scan# 3627
Delta R.T. 0.000 min
Lab File: VU043715.D
Acq: 13 May 2021 21:22

Tgt Ion: 75 Resp: 77423
Ion Ratio Lower Upper
75 100
155 90.6 72.5 108.7
157 115.4 92.3 138.5

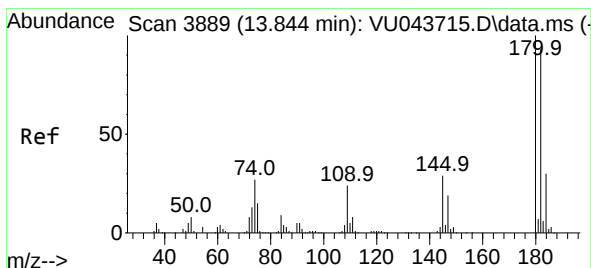
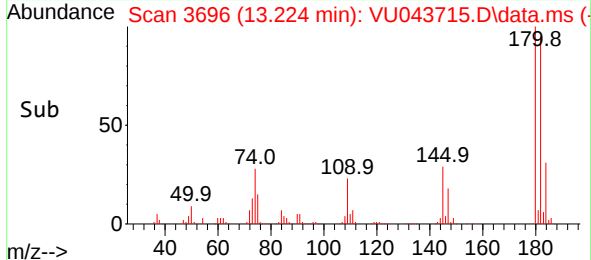
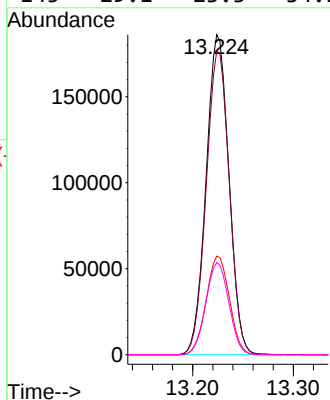
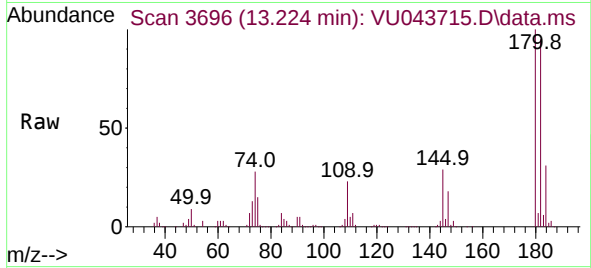




#69
 1,3,5-Trichlorobenzene
 Concen: 44.69 ug/L
 RT: 13.224 min Scan# 3696
 Delta R.T. 0.000 min
 Lab File: VU043715.D
 Acq: 13 May 2021 21:22

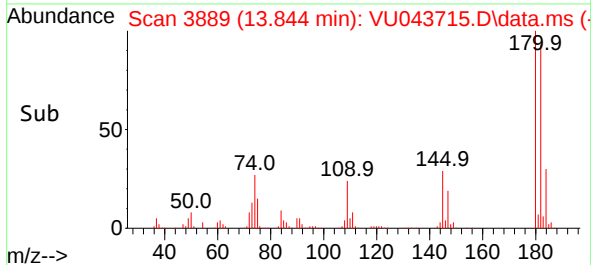
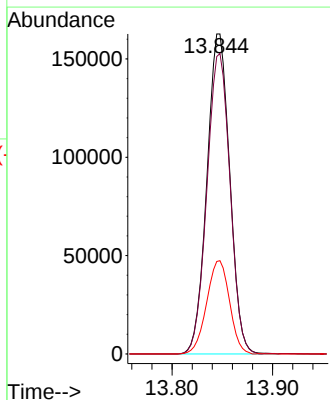
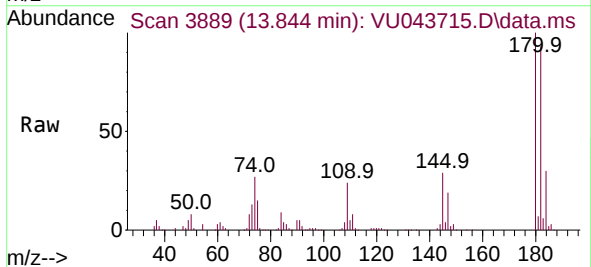
Instrument :
 MSVOA_U
 ClientSampleId :

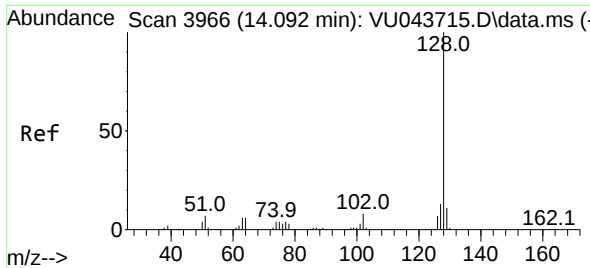
Tgt Ion:	180	Resp:	294041
Ion Ratio	Lower	Upper	
180	100		
182	95.5	76.4	114.6
184	31.2	25.0	37.4
145	29.1	23.3	34.9



#70
 1,2,4-trichlorobenzene
 Concen: 45.58 ug/L
 RT: 13.844 min Scan# 3889
 Delta R.T. 0.000 min
 Lab File: VU043715.D
 Acq: 13 May 2021 21:22

Tgt Ion:	180	Resp:	256760
Ion Ratio	Lower	Upper	
180	100		
182	94.9	75.9	113.9
145	29.2	23.4	35.0

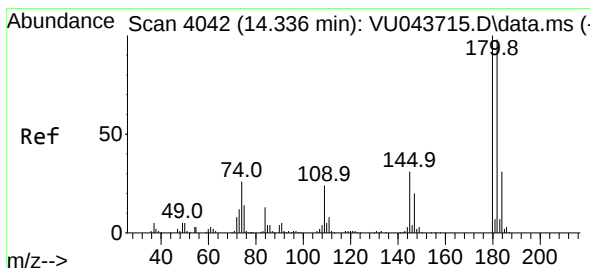
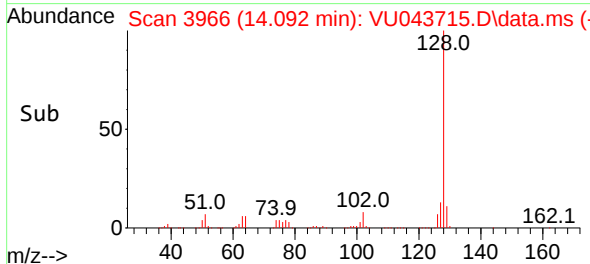
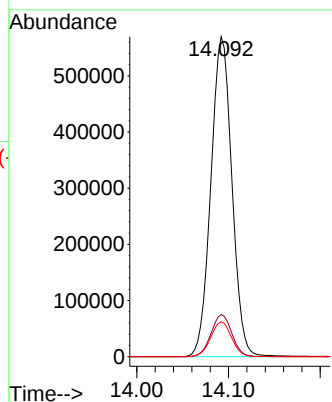
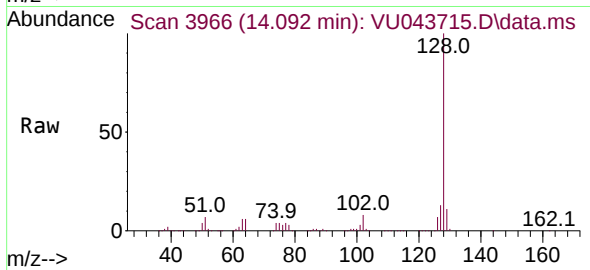




#71
Naphthalene
Concen: 51.00 ug/L
RT: 14.092 min Scan# 3966
Delta R.T. 0.000 min
Lab File: VU043715.D
Acq: 13 May 2021 21:22

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 907287
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 10.8 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 48.07 ug/L
RT: 14.336 min Scan# 4042
Delta R.T. 0.000 min
Lab File: VU043715.D
Acq: 13 May 2021 21:22

Tgt Ion:180 Resp: 277727
Ion Ratio Lower Upper
180 100
182 96.1 76.9 115.3
145 31.1 24.9 37.3

