

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092321\
 Data File : VU044796.D
 Acq On : 23 Sep 2021 19:43
 Operator : SY/MD
 Sample : M3873-10MSD
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 24 05:40:20 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 24 05:26:38 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	257023	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	248199	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	124604	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	124829	44.365	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.740%
7) Chloroethane-d5	1.909	69	105239	47.200	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.400%
11) 1,1-Dichloroethene-d2	2.572	63	218503	46.243	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.480%
21) 2-Butanone-d5	4.629	46	237531	106.784	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.780%
24) Chloroform-d	5.070	84	217370	48.915	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.820%
26) 1,2-Dichloroethane-d4	5.707	65	144279	47.932	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.860%
32) Benzene-d6	5.732	84	420754	48.854	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.700%
36) 1,2-Dichloropropane-d6	6.697	67	137442	48.943	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.880%
41) Toluene-d8	7.903	98	362599	48.786	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.580%
43) trans-1,3-Dichloroprop...	8.182	79	61059	48.879	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.760%
47) 2-Hexanone-d5	8.636	63	168507	108.279	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.280%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	211271	48.313	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.620%
66) 1,2-Dichlorobenzene-d4	12.195	152	133325	49.166	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.340%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	116269	47.244	ug/L	99
3) Chloromethane	1.520	50	146290	47.690	ug/L	99
5) Vinyl chloride	1.607	62	149672	49.802	ug/L	89
6) Bromomethane	1.848	94	75332	52.261	ug/L	100
8) Chloroethane	1.932	64	91092	48.294	ug/L	99
9) Trichlorofluoromethane	2.138	101	163351	47.488	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.585	101	98954	45.577	ug/L	99
12) 1,1-Dichloroethene	2.585	96	98998	49.739	ug/L	87
13) Acetone	2.636	43	149150	58.006	ug/L	99
14) Carbon disulfide	2.797	76	309521	48.541	ug/L	99
15) Methyl Acetate	2.954	43	150778	47.546	ug/L	99
16) Methylene chloride	3.051	84	119136	47.247	ug/L	98
17) trans-1,2-Dichloroethene	3.359	96	116371	55.503	ug/L	97
18) Methyl tert-butyl Ether	3.372	73	354144	51.225	ug/L	98
19) 1,1-Dichloroethane	3.877	63	213144	48.865	ug/L	98
20) cis-1,2-Dichloroethene	4.671	96	731683	316.694	ug/L	96
22) 2-Butanone	4.710	43	240307	83.503	ug/L	95
23) Bromochloromethane	4.980	128	57205	48.842	ug/L	99
25) Chloroform	5.096	83	208366	48.051	ug/L	98

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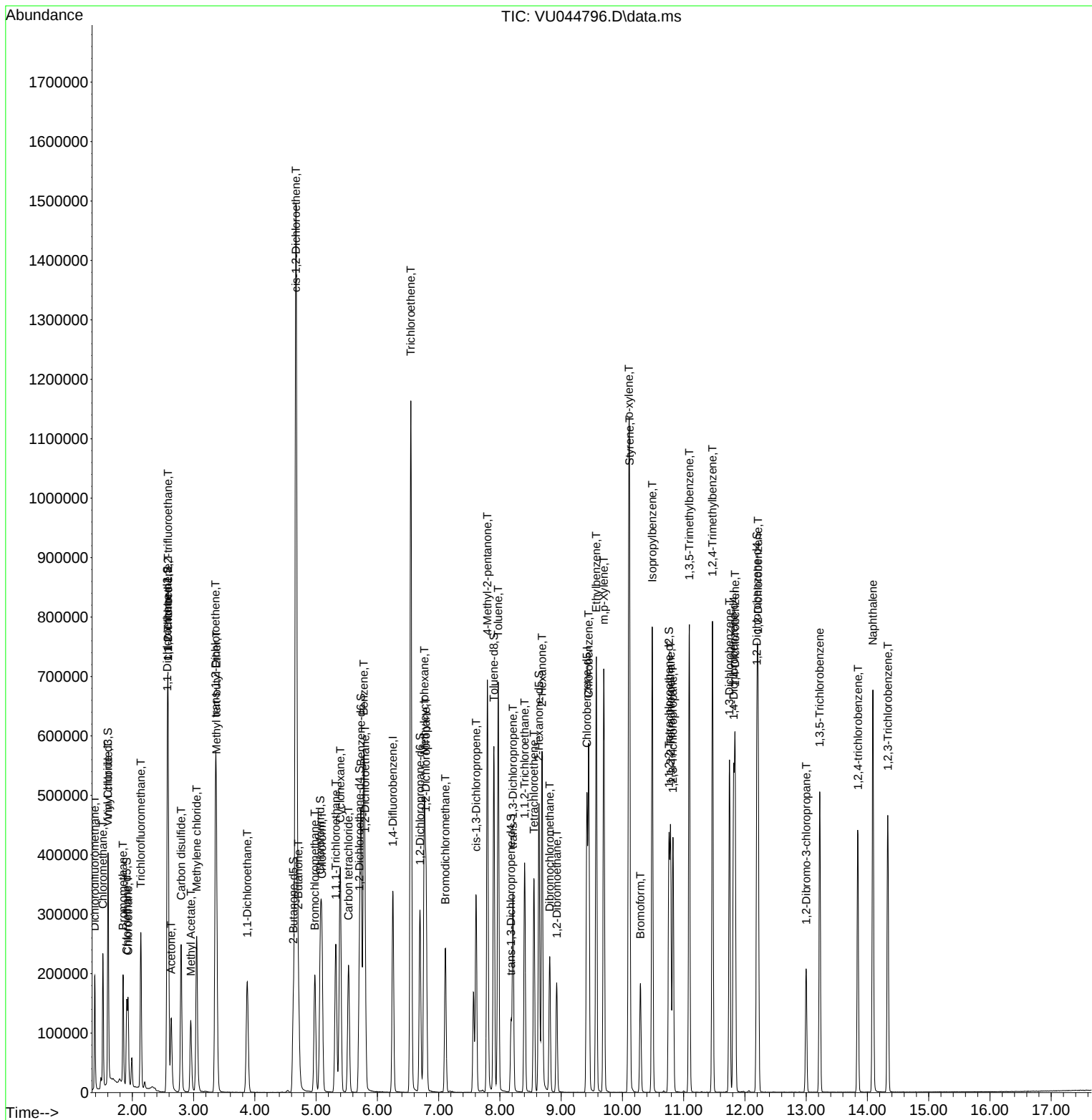
Instrument :
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 ClientSampleId :

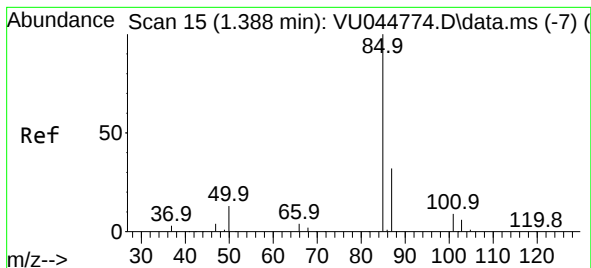
Quant Time: Sep 24 05:40:20 2021
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 Quant Title : VOC Analysis
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.800	62	178598	49.243	ug/L	100
29) Cyclohexane	5.395	56	190935	51.178	ug/L	100
30) 1,1,1-Trichloroethane	5.321	97	173339	50.451	ug/L	99
31) Carbon tetrachloride	5.530	117	137403	50.634	ug/L	100
33) Benzene	5.777	78	467853	50.823	ug/L	100
34) Trichloroethene	6.546	95	385537	174.365	ug/L	98
35) Methylcyclohexane	6.768	83	178978	48.349	ug/L	99
37) 1,2-Dichloropropane	6.793	63	126184	50.345	ug/L	99
38) Bromodichloromethane	7.108	83	154841	50.399	ug/L	98
39) cis-1,3-Dichloropropene	7.613	75	179235	49.978	ug/L	100
40) 4-Methyl-2-pentanone	7.797	43	445366	106.371	ug/L	99
42) Toluene	7.973	91	476603	50.955	ug/L	98
44) trans-1,3-Dichloropropene	8.215	75	174376	51.136	ug/L	98
45) 1,1,2-Trichloroethane	8.404	97	114221	50.286	ug/L	99
46) Tetrachloroethene	8.555	164	76350	48.310	ug/L	96
48) 2-Hexanone	8.687	43	359570	96.845	ug/L	100
49) Dibromochloromethane	8.813	129	112655	50.148	ug/L	99
50) 1,2-Dibromoethane	8.928	107	120126	50.512	ug/L	99
51) Chlorobenzene	9.449	112	284000	49.183	ug/L	100
52) Ethylbenzene	9.575	91	499324	50.534	ug/L	99
53) m,p-Xylene	9.697	106	189758	50.695	ug/L	98
54) o-xylene	10.105	106	188666	51.293	ug/L	99
55) Styrene	10.118	104	322881	51.045	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.787	83	211691	48.674	ug/L	99
59) Bromoform	10.295	173	79183	51.239	ug/L	99
60) 1,2,3-Trichloropropane	10.825	75	175211	50.840	ug/L	99
61) Isopropylbenzene	10.488	105	480226	52.662	ug/L	100
62) 1,3,5-Trimethylbenzene	11.092	105	401322	52.697	ug/L	100
63) 1,2,4-Trimethylbenzene	11.472	105	414420	53.140	ug/L	100
64) 1,3-Dichlorobenzene	11.748	146	208839	49.555	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	208653	48.257	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	216035	49.936	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	52146	52.651	ug/L	96
69) 1,3,5-Trichlorobenzene	13.221	180	140162	47.925	ug/L	100
70) 1,2,4-trichlorobenzene	13.845	180	123712	50.903	ug/L	100
71) Naphthalene	14.089	128	507502	60.260	ug/L	100
72) 1,2,3-Trichlorobenzene	14.333	180	135672	54.562	ug/L	98

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

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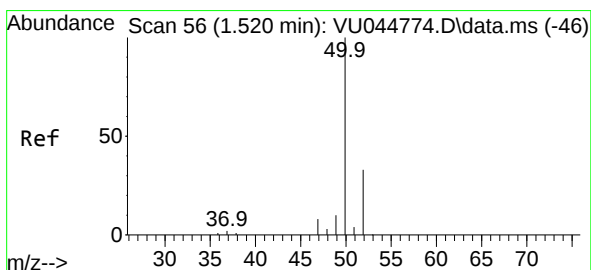
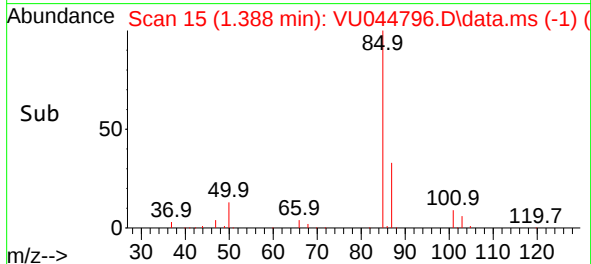
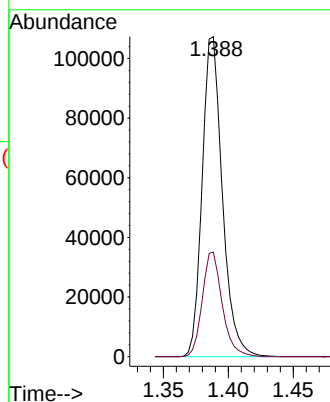
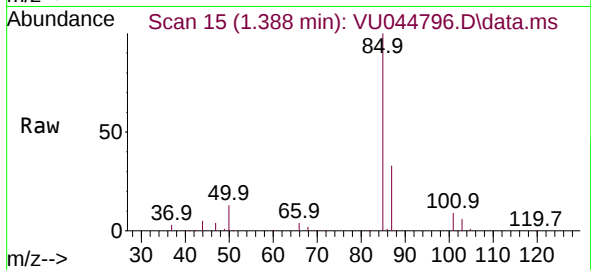




#2
Dichlorodifluoromethane
Concen: 47.244 ug/L
RT: 1.388 min Scan# 15
Delta R.T. 0.000 min
Lab File: VU044796.D
Acq: 23 Sep 2021 19:43

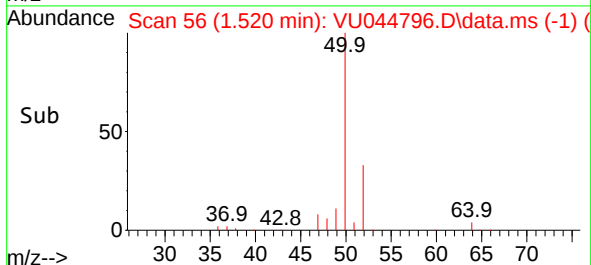
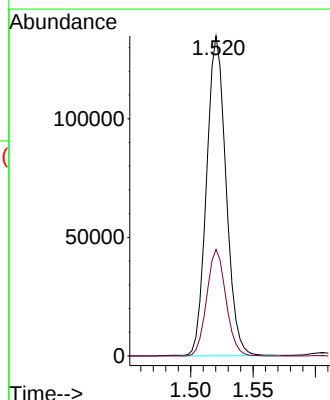
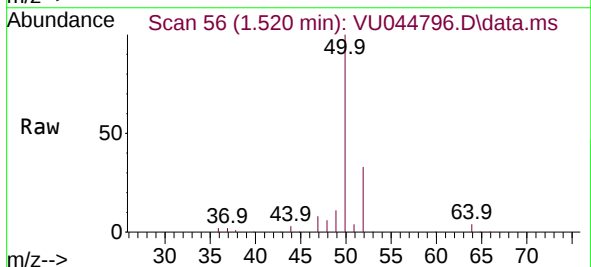
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MSVOA_U
ClientSampled :

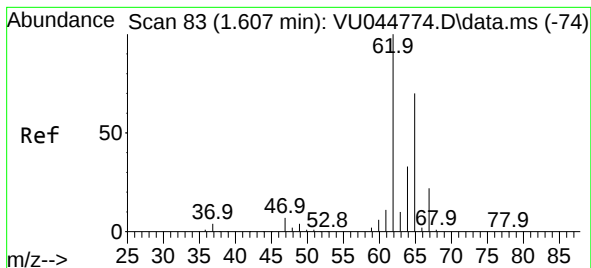
Tgt Ion: 85 Resp: 116269
Ion Ratio Lower Upper
85 100
87 32.2 25.2 37.8



#3
Chloromethane
Concen: 47.690 ug/L
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU044796.D
Acq: 23 Sep 2021 19:43

Tgt Ion: 50 Resp: 146290
Ion Ratio Lower Upper
50 100
52 33.3 23.0 42.8

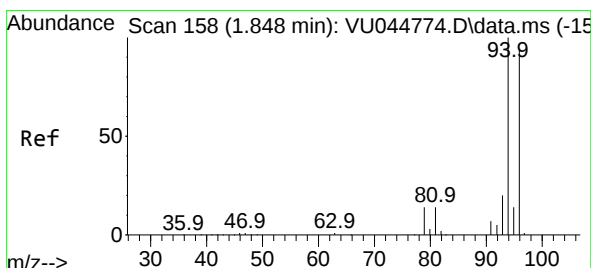
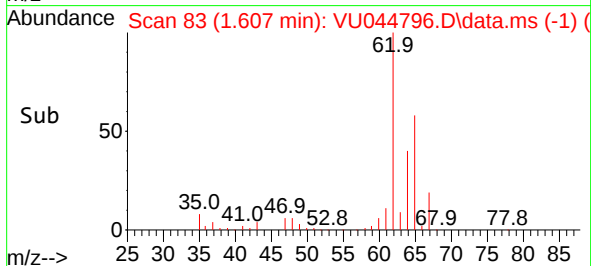
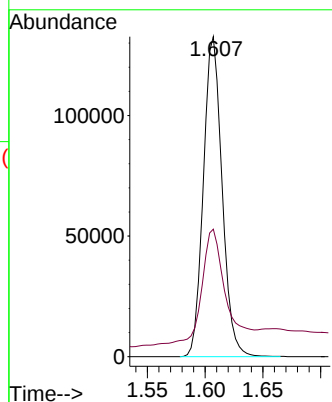
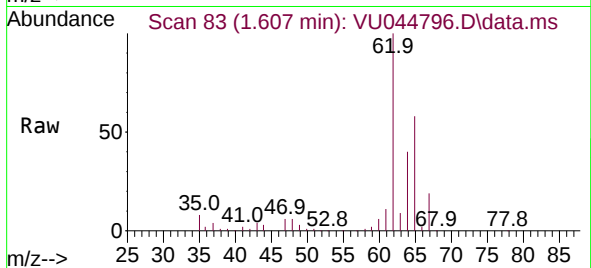




#5
 Vinyl chloride
 Concen: 49.802 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VU044796.D
 Acq: 23 Sep 2021 19:43

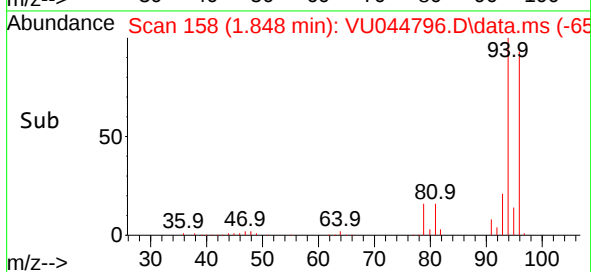
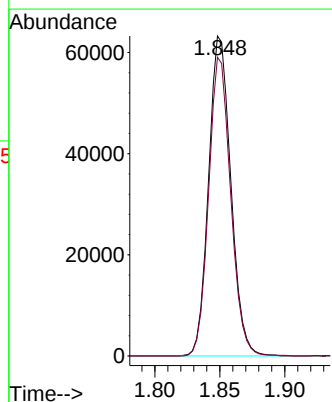
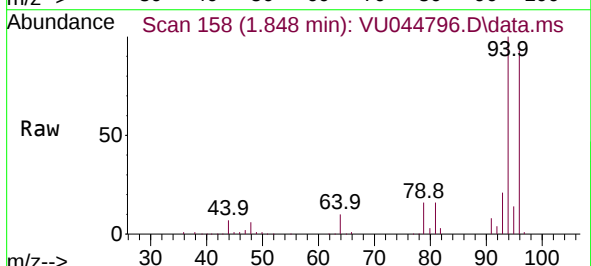
Instrument :
 MSVOA_U
 ClientSampled :

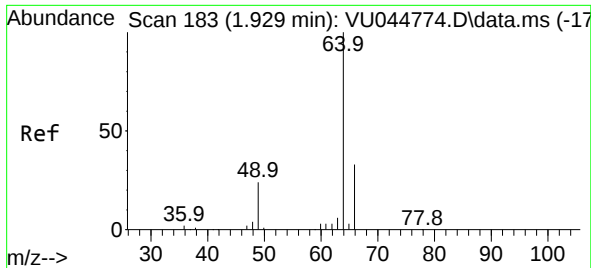
Tgt Ion: 62 Resp: 149672
 Ion Ratio Lower Upper
 62 100
 64 39.9 23.4 43.6



#6
 Bromomethane
 Concen: 52.261 ug/L
 RT: 1.848 min Scan# 158
 Delta R.T. 0.000 min
 Lab File: VU044796.D
 Acq: 23 Sep 2021 19:43

Tgt Ion: 94 Resp: 75332
 Ion Ratio Lower Upper
 94 100
 96 93.4 65.7 121.9

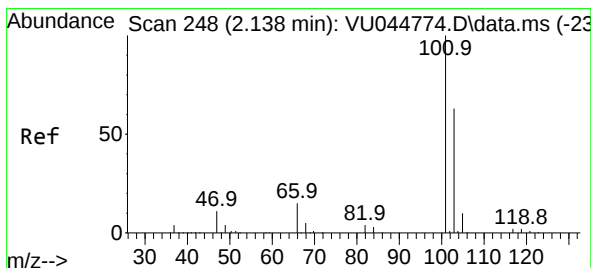
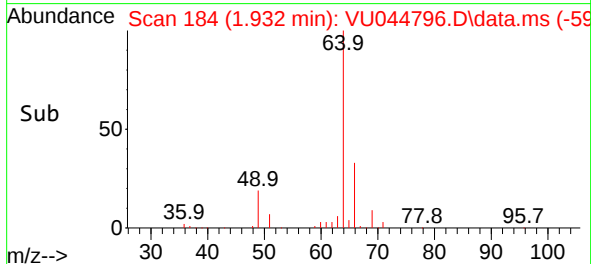
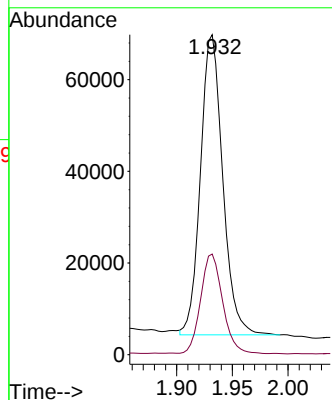
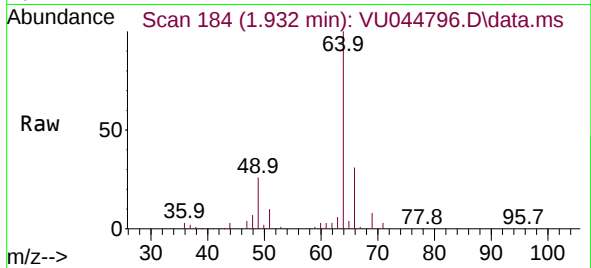




#8
Chloroethane
Concen: 48.294 ug/L
RT: 1.932 min Scan# 184
Delta R.T. 0.003 min
Lab File: VU044796.D
Acq: 23 Sep 2021 19:43

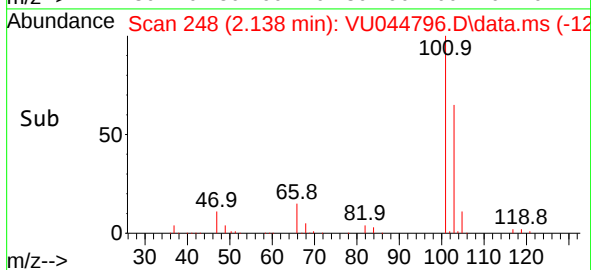
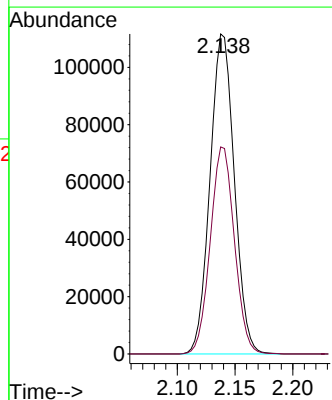
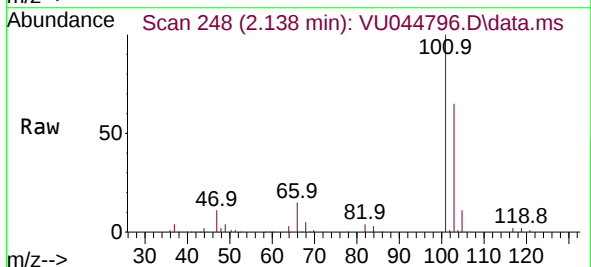
Instrument :
MSVOA_U
ClientSampled :

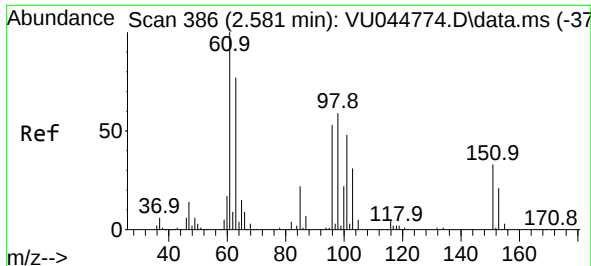
Tgt Ion: 64 Resp: 91092
Ion Ratio Lower Upper
64 100
66 31.5 22.3 41.3



#9
Trichlorofluoromethane
Concen: 47.488 ug/L
RT: 2.138 min Scan# 248
Delta R.T. 0.000 min
Lab File: VU044796.D
Acq: 23 Sep 2021 19:43

Tgt Ion:101 Resp: 163351
Ion Ratio Lower Upper
101 100
103 64.2 50.9 76.3





#10

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

Concen: 45.577 ug/L

RT: 2.585 min Scan# 387

Delta R.T. 0.003 min

Lab File: VU044796.D

Acq: 23 Sep 2021 19:43

Tgt Ion:101 Resp: 98954

Ion Ratio Lower Upper

101 100

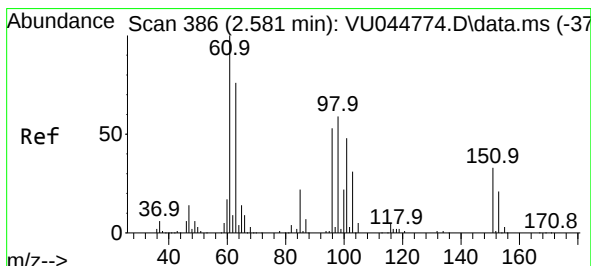
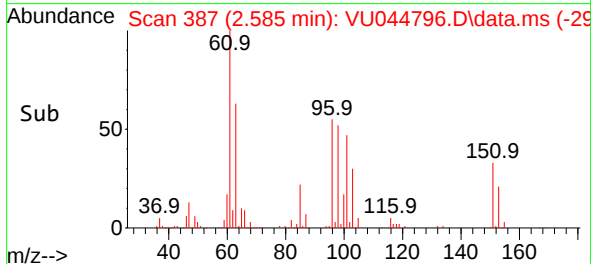
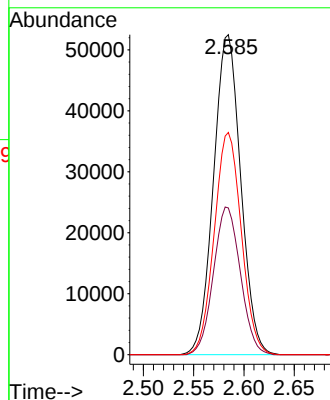
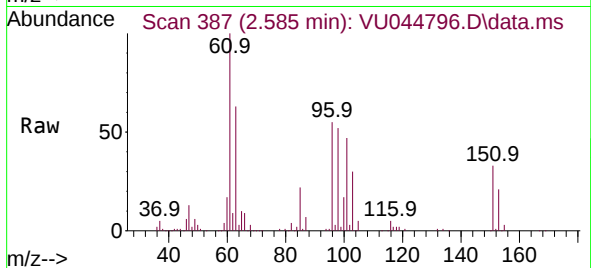
85 45.6 36.4 54.6

151 69.1 54.4 81.6

Instrument :

MSVOA_U

ClientSampled :



#12

1,1-Dichloroethene

Concen: 49.739 ug/L

RT: 2.585 min Scan# 387

Delta R.T. 0.003 min

Lab File: VU044796.D

Acq: 23 Sep 2021 19:43

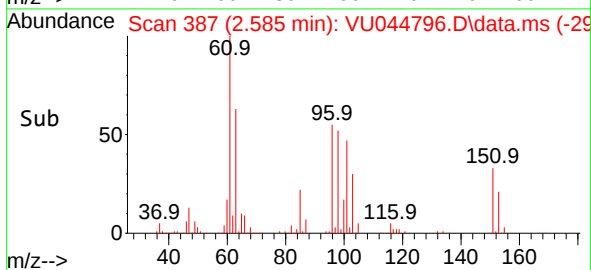
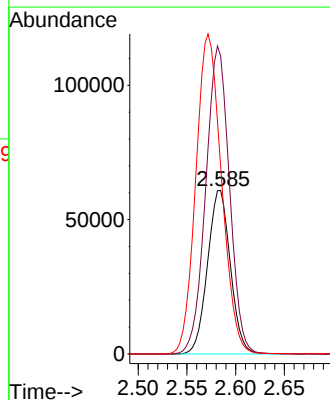
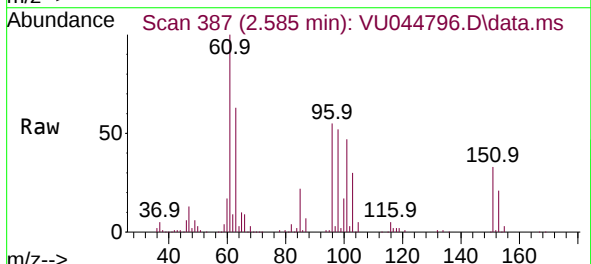
Tgt Ion: 96 Resp: 98998

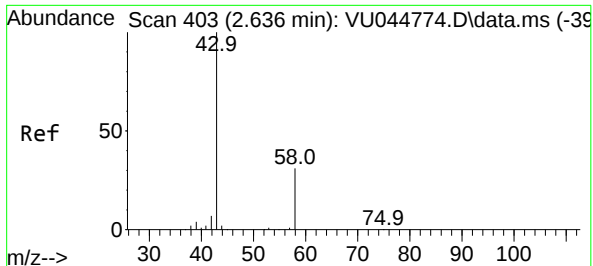
Ion Ratio Lower Upper

96 100

61 182.1 131.3 243.9

63 114.7 102.5 190.3

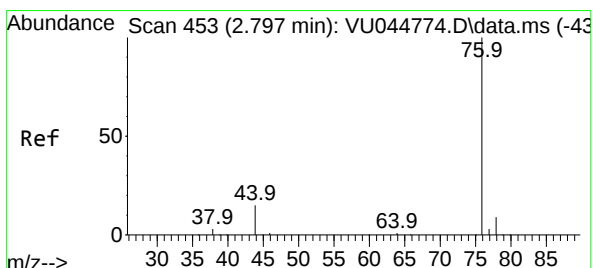
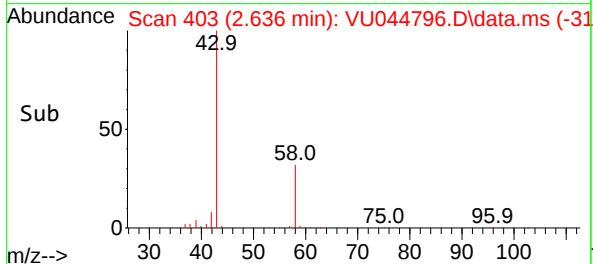
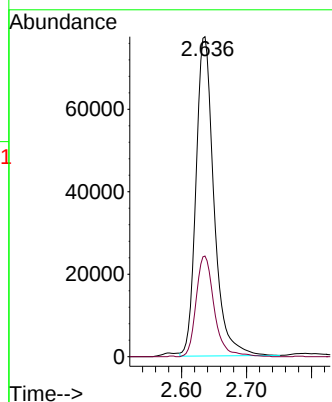
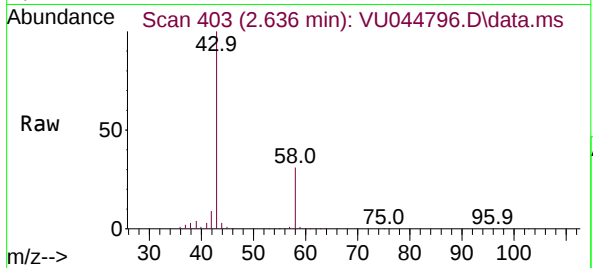




#13
Acetone
Concen: 58.006 ug/L
RT: 2.636 min Scan# 403
Delta R.T. 0.000 min
Lab File: VU044796.D
Acq: 23 Sep 2021 19:43

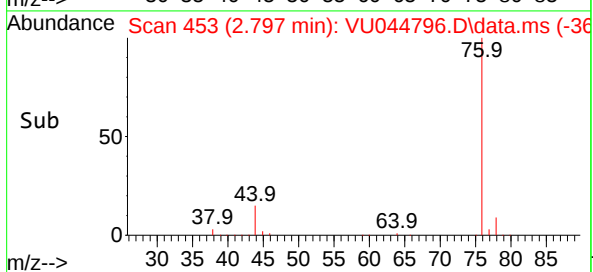
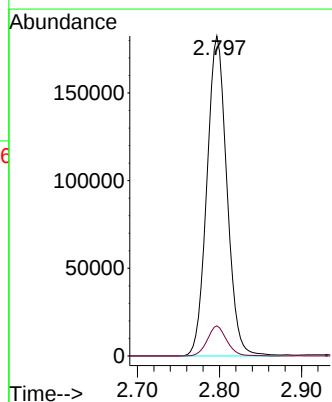
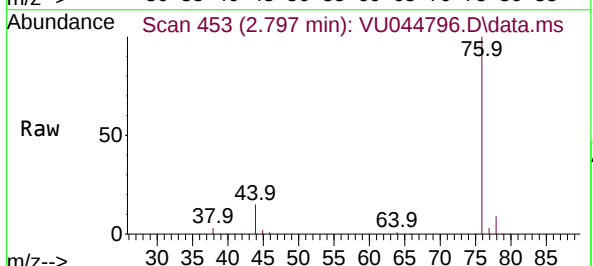
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ClientSampled :

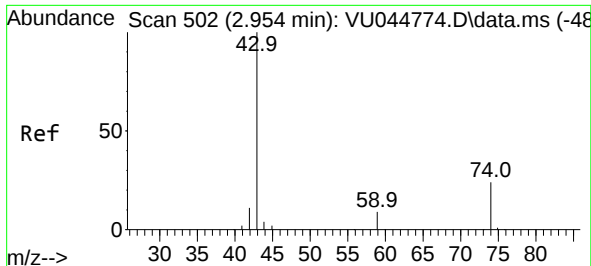
Tgt Ion: 43 Resp: 149150
Ion Ratio Lower Upper
43 100
58 32.0 0.0 62.8



#14
Carbon disulfide
Concen: 48.541 ug/L
RT: 2.797 min Scan# 453
Delta R.T. 0.000 min
Lab File: VU044796.D
Acq: 23 Sep 2021 19:43

Tgt Ion: 76 Resp: 309521
Ion Ratio Lower Upper
76 100
78 9.4 7.3 10.9

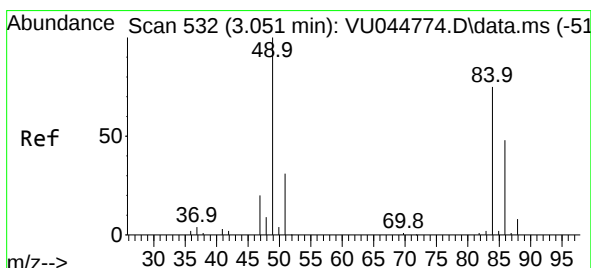
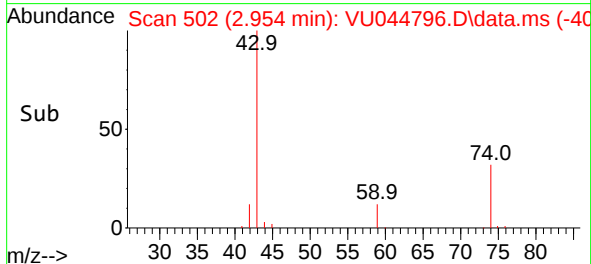
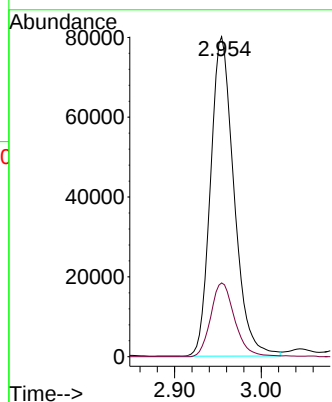
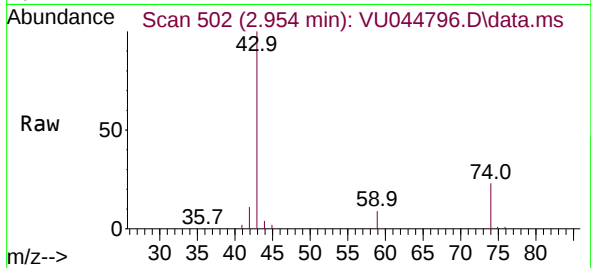




#15
Methyl Acetate
Concen: 47.546 ug/L
RT: 2.954 min Scan# 502
Delta R.T. 0.000 min
Lab File: VU044796.D
Acq: 23 Sep 2021 19:43

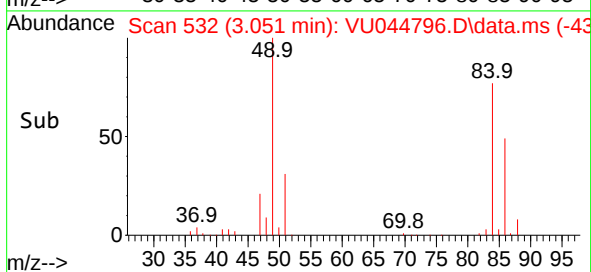
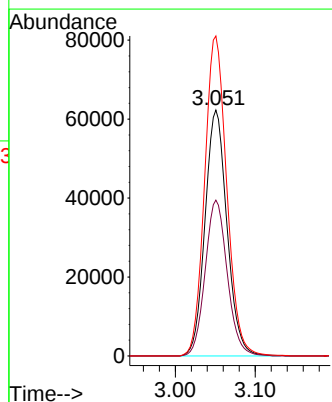
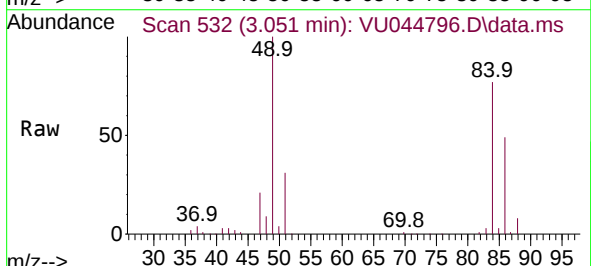
Instrument :
MSVOA_U
ClientSampled :

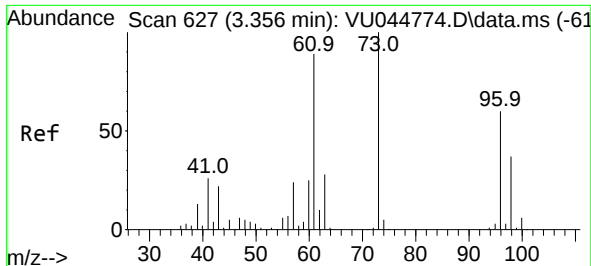
Tgt Ion: 43 Resp: 150778
Ion Ratio Lower Upper
43 100
74 23.5 18.4 27.6



#16
Methylene chloride
Concen: 47.247 ug/L
RT: 3.051 min Scan# 532
Delta R.T. 0.000 min
Lab File: VU044796.D
Acq: 23 Sep 2021 19:43

Tgt Ion: 84 Resp: 119136
Ion Ratio Lower Upper
84 100
86 63.4 44.7 83.1
49 130.1 92.9 172.5



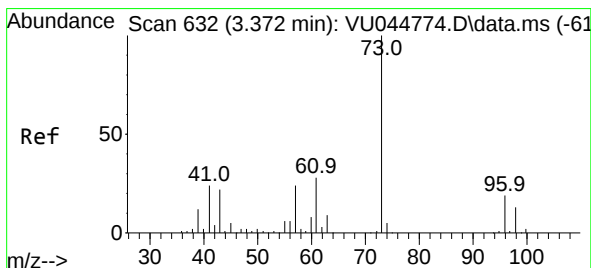
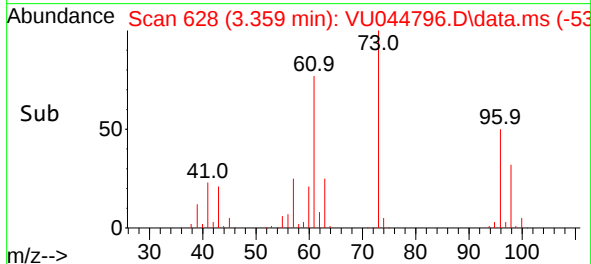
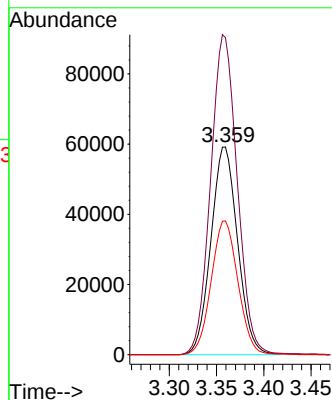
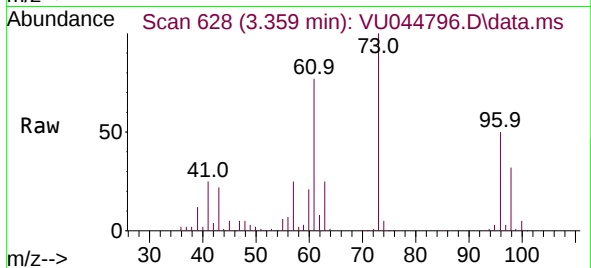


#17

trans-1,2-Dichloroethene
Concen: 55.503 ug/L
RT: 3.359 min Scan# 628
Delta R.T. 0.003 min
Lab File: VU044796.D
Acq: 23 Sep 2021 19:43

Instrument :
MSVOA_U
ClientSampled :

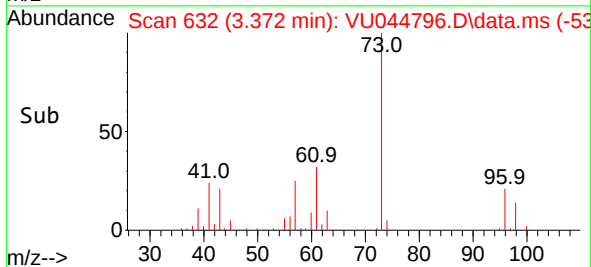
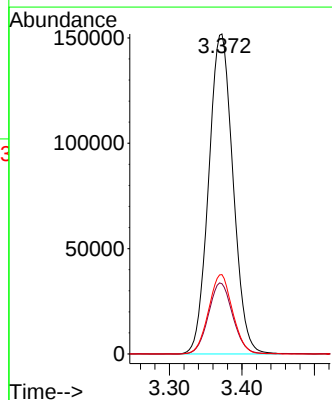
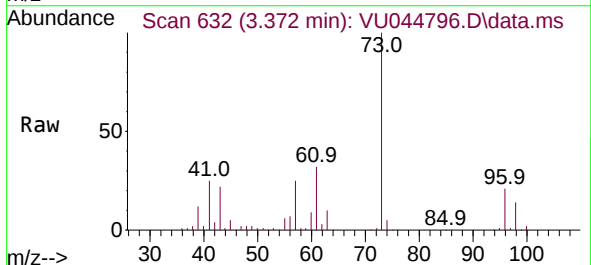
Tgt Ion: 96 Resp: 116371
Ion Ratio Lower Upper
96 100
61 152.7 105.1 195.3
98 64.4 43.0 79.8

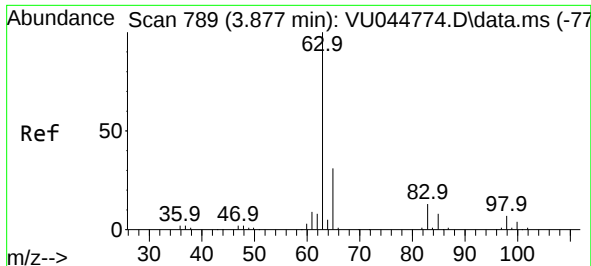


#18

Methyl tert-butyl Ether
Concen: 51.225 ug/L
RT: 3.372 min Scan# 632
Delta R.T. 0.000 min
Lab File: VU044796.D
Acq: 23 Sep 2021 19:43

Tgt Ion: 73 Resp: 354144
Ion Ratio Lower Upper
73 100
43 22.3 17.3 25.9
57 24.4 18.7 28.1





#19

1,1-Dichloroethane

Concen: 48.865 ug/L

RT: 3.877 min Scan# 789

Delta R.T. 0.000 min

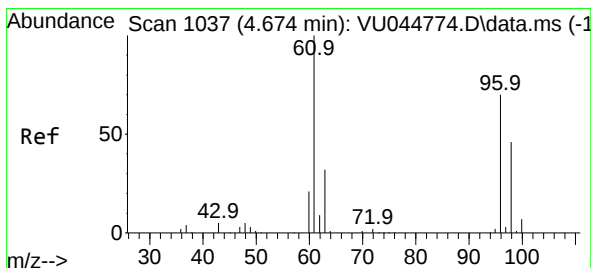
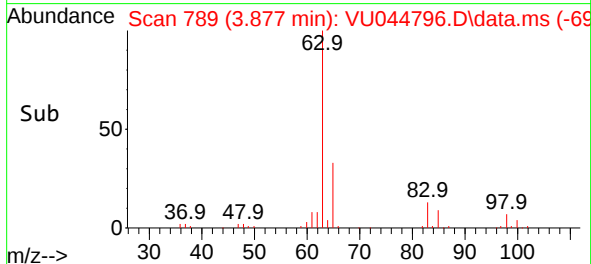
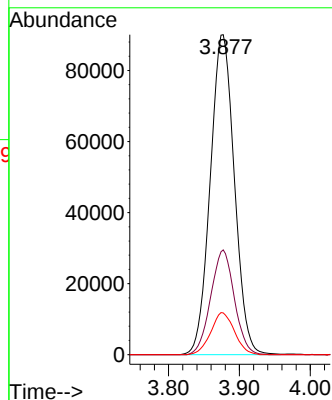
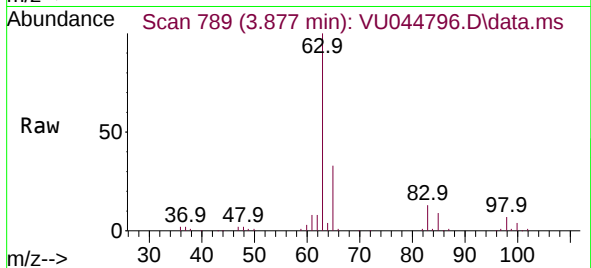
Lab File: VU044796.D

Acq: 23 Sep 2021 19:43

Tgt Ion: 63 Resp: 213144

Ion	Ratio	Lower	Upper
63	100		
65	32.7	22.0	40.8
83	13.1	9.0	16.6

Instrument :
MSVOA_U
ClientSampleId :



#20

cis-1,2-Dichloroethene

Concen: 316.694 ug/L

RT: 4.671 min Scan# 1036

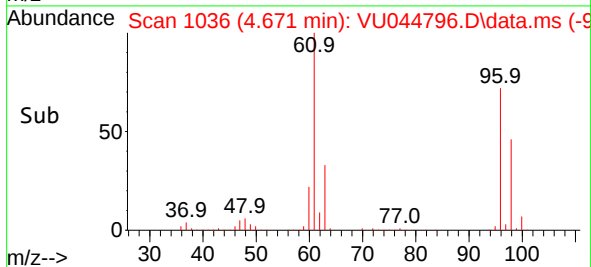
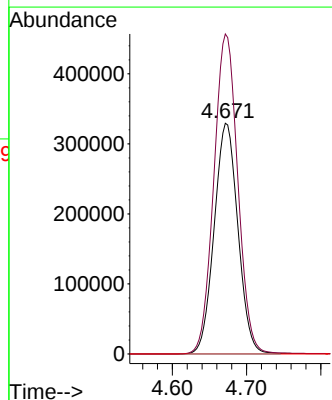
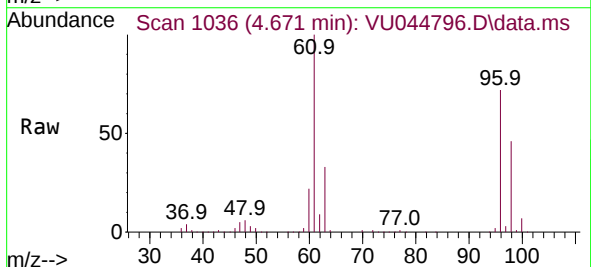
Delta R.T. -0.003 min

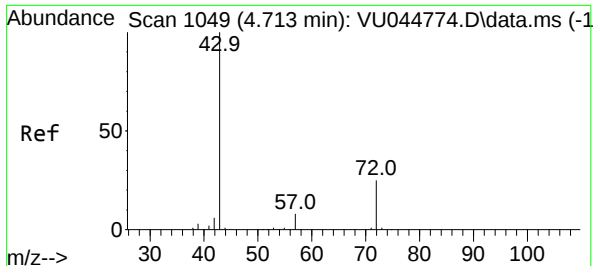
Lab File: VU044796.D

Acq: 23 Sep 2021 19:43

Tgt Ion: 96 Resp: 731683

Ion	Ratio	Lower	Upper
96	100		
61	138.7	100.2	186.0
68	0.0	0.0	0.0

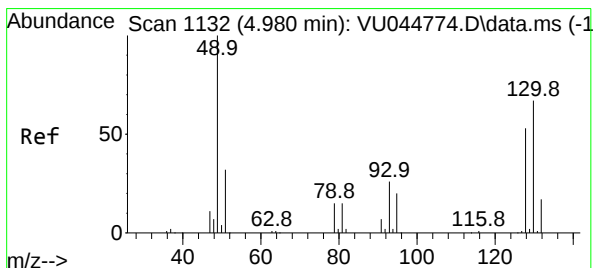
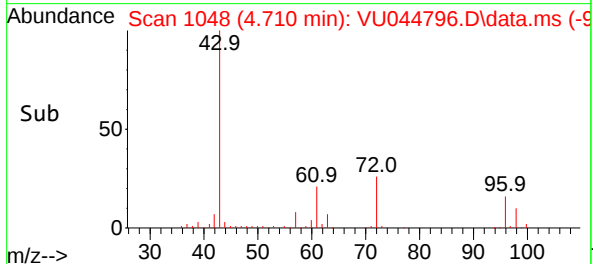
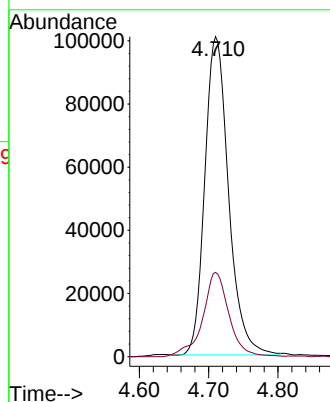
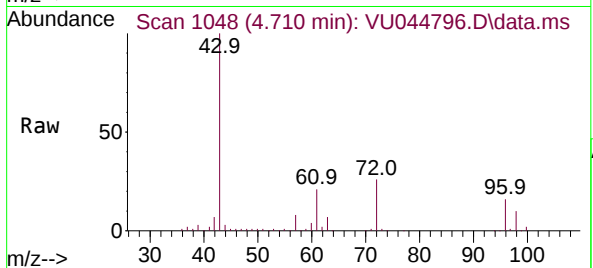




#22
2-Butanone
Concen: 83.503 ug/L
RT: 4.710 min Scan# 1048
Delta R.T. -0.003 min
Lab File: VU044796.D
Acq: 23 Sep 2021 19:43

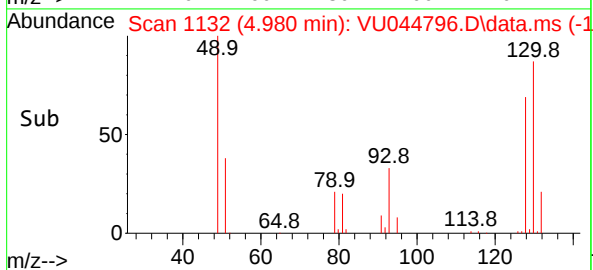
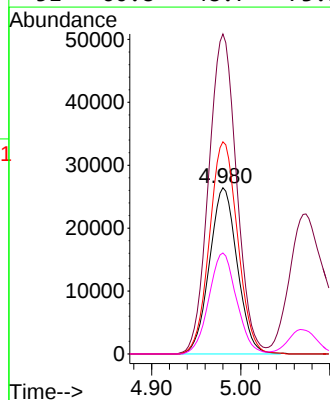
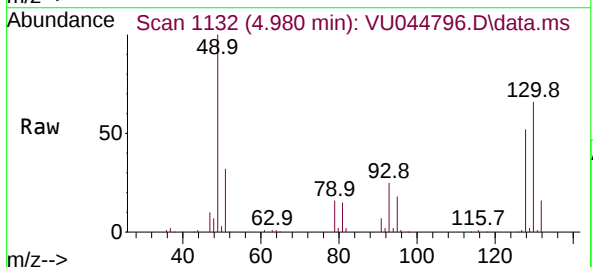
Instrument :
MSVOA_U
ClientSampled :

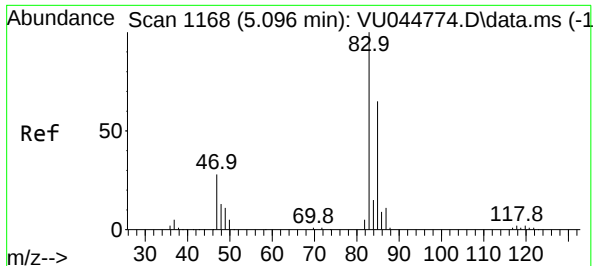
Tgt Ion: 43 Resp: 240307
Ion Ratio Lower Upper
43 100
72 29.3 13.3 39.9



#23
Bromochloromethane
Concen: 48.842 ug/L
RT: 4.980 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VU044796.D
Acq: 23 Sep 2021 19:43

Tgt Ion:128 Resp: 57205
Ion Ratio Lower Upper
128 100
49 192.5 132.9 246.7
130 127.6 88.2 163.8
51 60.8 48.7 73.1





#25

Chloroform

Concen: 48.051 ug/L

RT: 5.096 min Scan# 1168

Delta R.T. 0.000 min

Lab File: VU044796.D

Acq: 23 Sep 2021 19:43

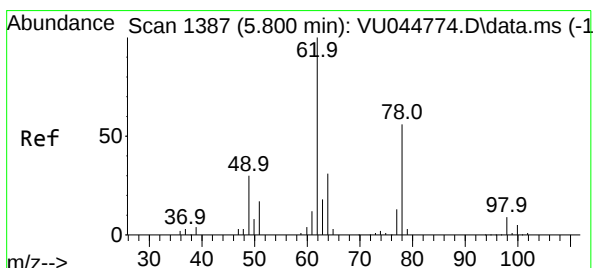
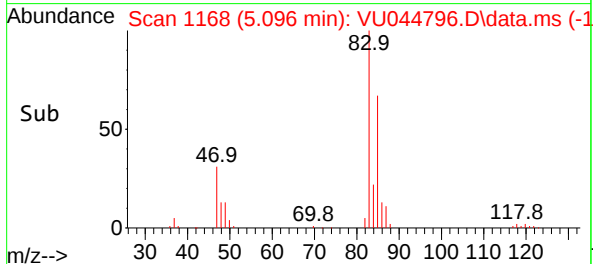
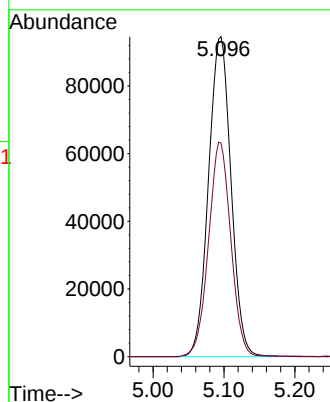
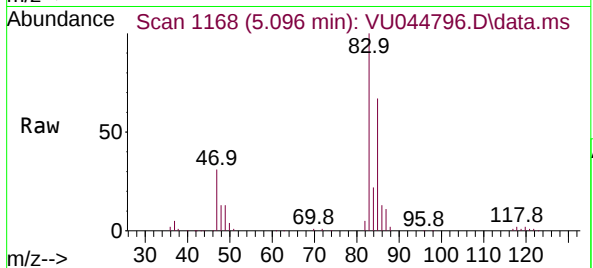
Instrument :
MSVOA_U
ClientSampled :

Tgt Ion: 83 Resp: 208366

Ion Ratio Lower Upper

83 100

85 66.7 45.6 84.6



#27

1,2-Dichloroethane

Concen: 49.243 ug/L

RT: 5.800 min Scan# 1387

Delta R.T. 0.000 min

Lab File: VU044796.D

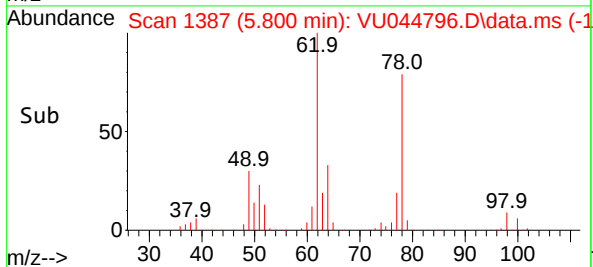
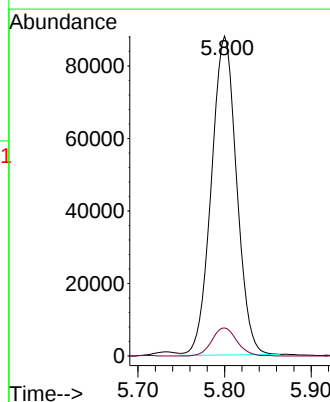
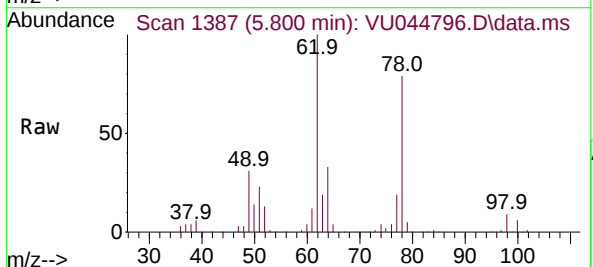
Acq: 23 Sep 2021 19:43

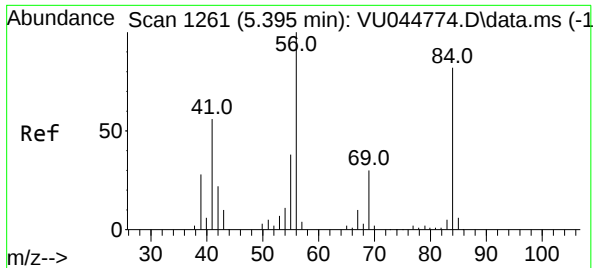
Tgt Ion: 62 Resp: 178598

Ion Ratio Lower Upper

62 100

98 8.8 7.1 10.7





#29

Cyclohexane

Concen: 51.178 ug/L

RT: 5.395 min Scan# 1261

Delta R.T. 0.000 min

Lab File: VU044796.D

Acq: 23 Sep 2021 19:43

Tgt Ion: 56 Resp: 190935

Ion Ratio Lower Upper

56 100

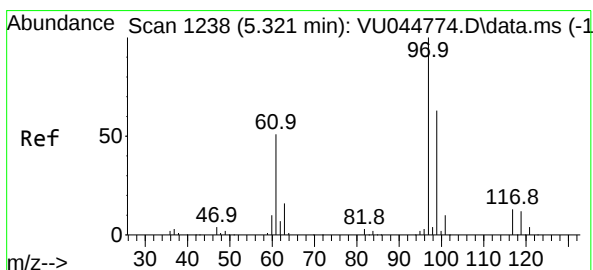
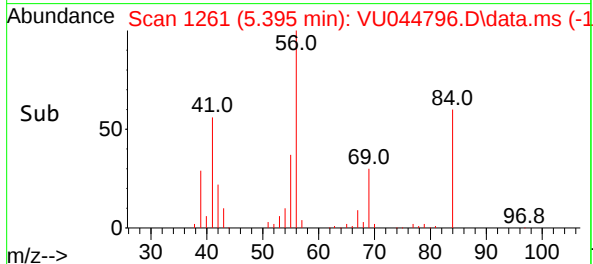
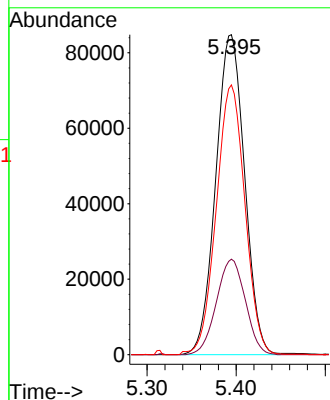
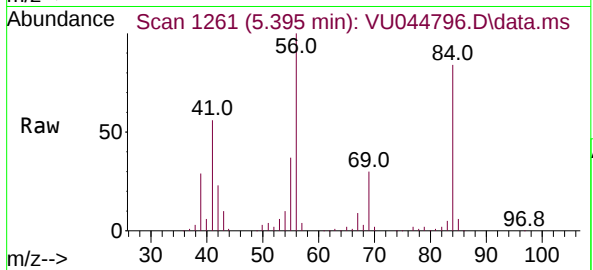
69 29.9 23.8 35.8

84 83.7 66.8 100.2

Instrument :

MSVOA_U

ClientSampled :



#30

1,1,1-Trichloroethane

Concen: 50.451 ug/L

RT: 5.321 min Scan# 1238

Delta R.T. 0.000 min

Lab File: VU044796.D

Acq: 23 Sep 2021 19:43

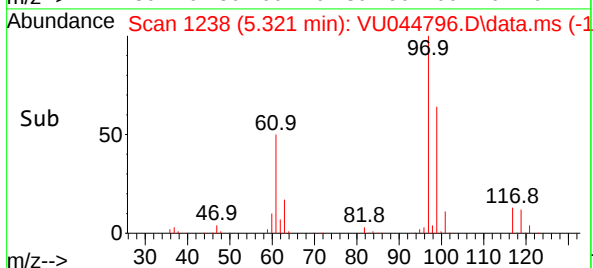
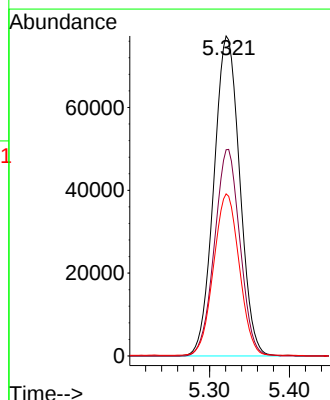
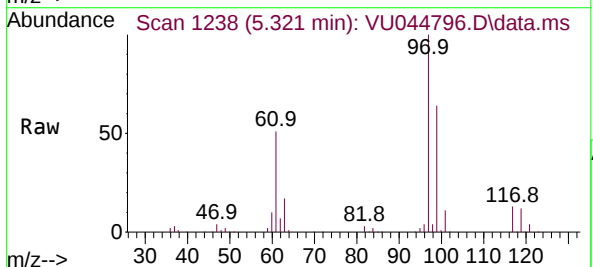
Tgt Ion: 97 Resp: 173339

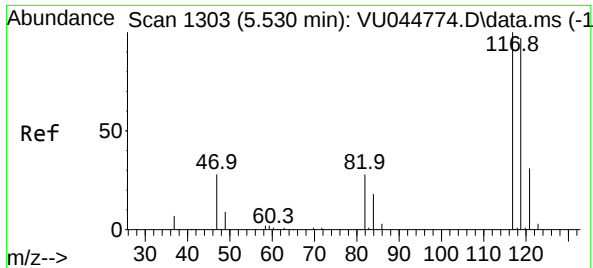
Ion Ratio Lower Upper

97 100

99 63.6 50.6 75.8

61 50.0 41.3 61.9

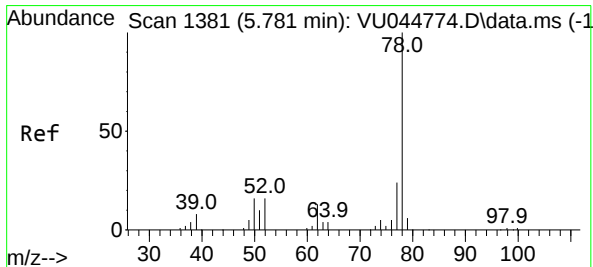
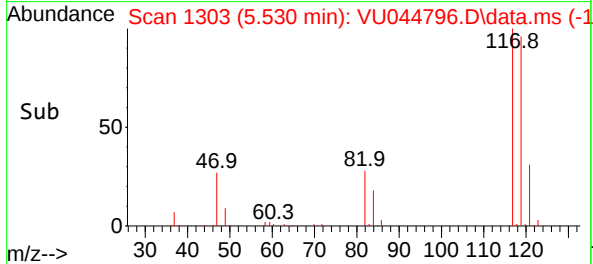
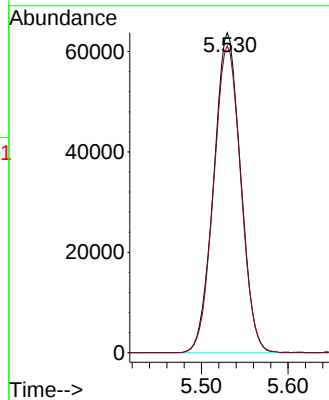
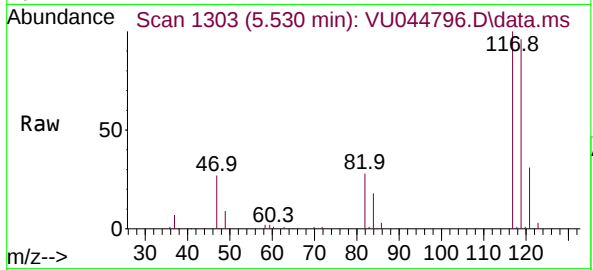




#31
Carbon tetrachloride
Concen: 50.634 ug/L
RT: 5.530 min Scan# 1303
Delta R.T. 0.000 min
Lab File: VU044796.D
Acq: 23 Sep 2021 19:43

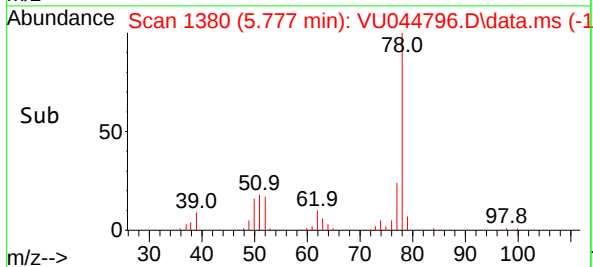
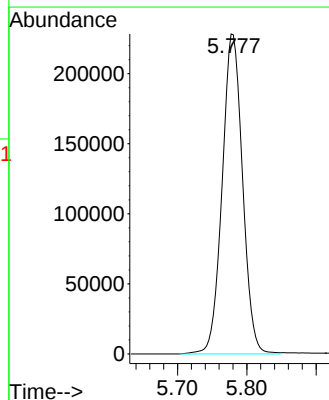
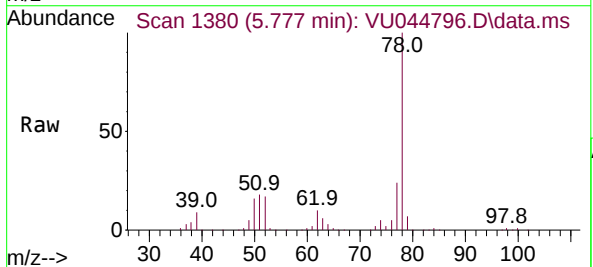
Instrument :
MSVOA_U
ClientSampled :

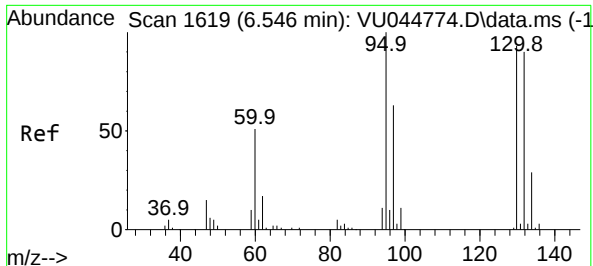
Tgt Ion:117 Resp: 137403
Ion Ratio Lower Upper
117 100
119 96.7 77.7 116.5



#33
Benzene
Concen: 50.823 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. -0.003 min
Lab File: VU044796.D
Acq: 23 Sep 2021 19:43

Tgt Ion: 78 Resp: 467853





#34

Trichloroethene

Concen: 174.365 ug/L

RT: 6.546 min Scan# 1619

Delta R.T. 0.000 min

Lab File: VU044796.D

Acq: 23 Sep 2021 19:43

Tgt Ion: 95 Resp: 385537

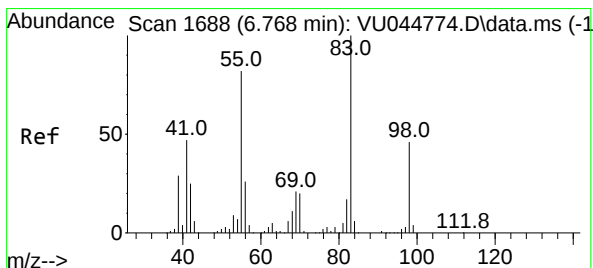
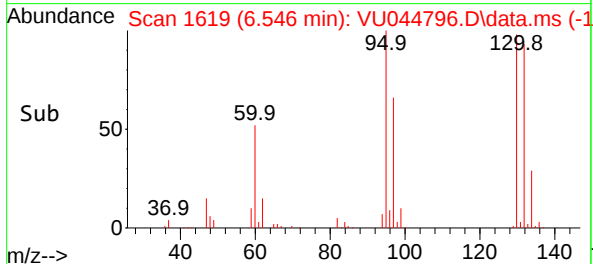
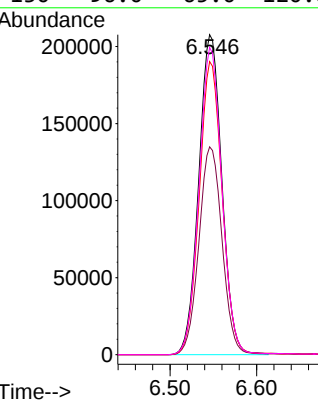
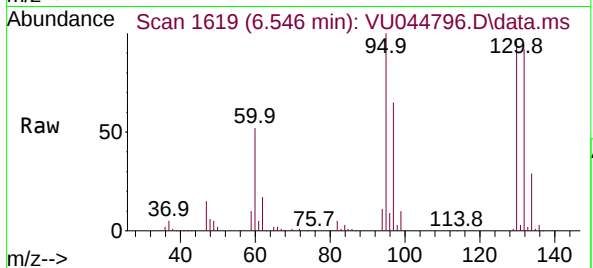
Ion Ratio Lower Upper

95 100

97 65.0 44.4 82.4

132 91.6 62.9 116.9

130 96.0 65.0 120.8



#35

Methylcyclohexane

Concen: 48.349 ug/L

RT: 6.768 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VU044796.D

Acq: 23 Sep 2021 19:43

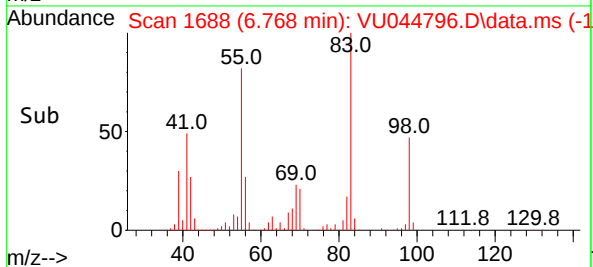
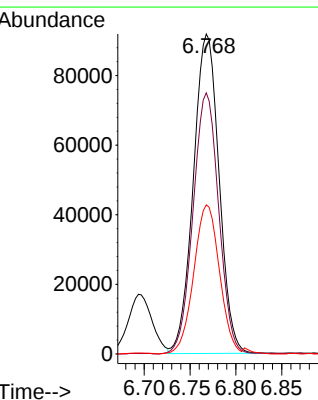
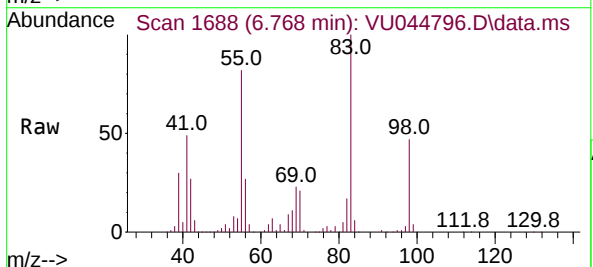
Tgt Ion: 83 Resp: 178978

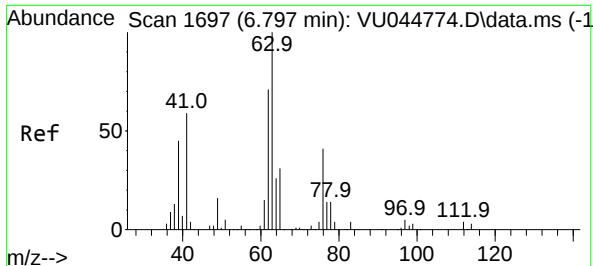
Ion Ratio Lower Upper

83 100

55 81.6 65.8 98.6

98 46.7 37.1 55.7



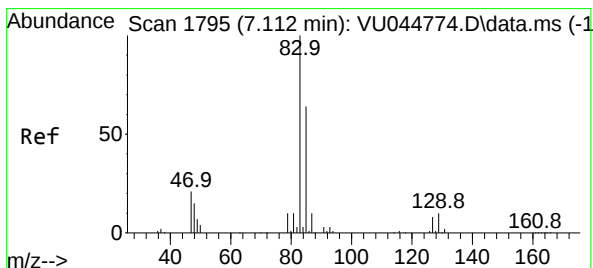
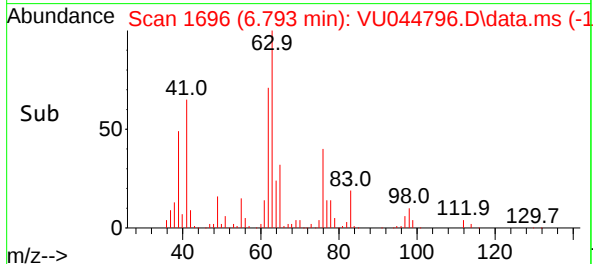
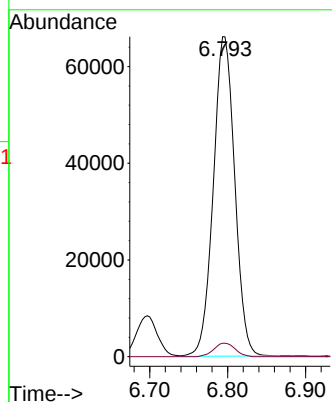
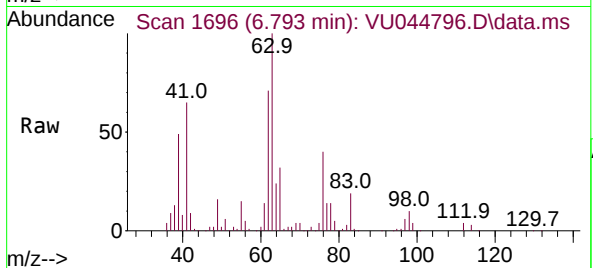


#37

1,2-Dichloropropane
Concen: 50.345 ug/L
RT: 6.793 min Scan# 1696
Delta R.T. -0.003 min
Lab File: VU044796.D
Acq: 23 Sep 2021 19:43

Instrument :
MSVOA_U
ClientSampled :

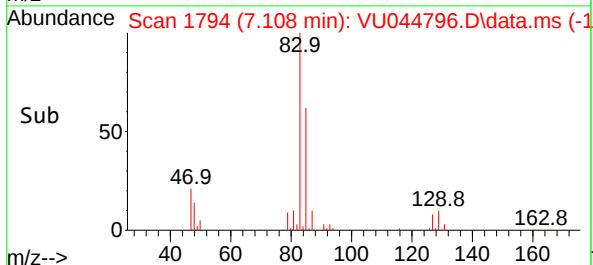
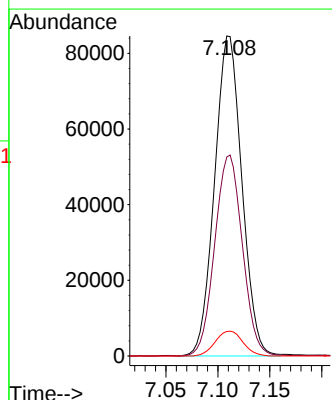
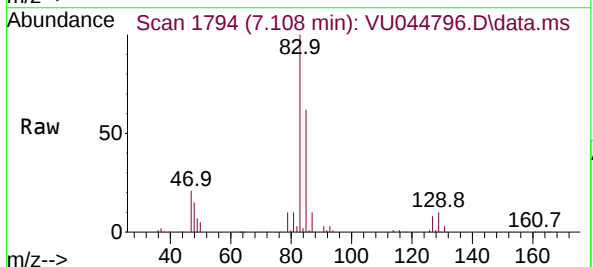
Tgt Ion: 63 Resp: 126184
Ion Ratio Lower Upper
63 100
112 4.2 3.2 4.8

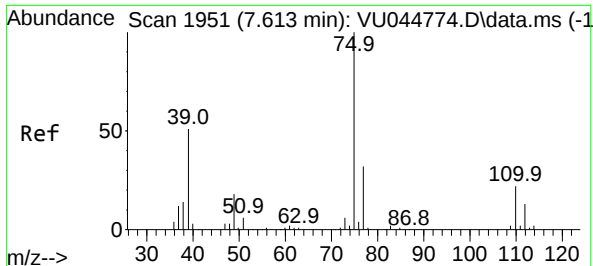


#38

Bromodichloromethane
Concen: 50.399 ug/L
RT: 7.108 min Scan# 1794
Delta R.T. -0.003 min
Lab File: VU044796.D
Acq: 23 Sep 2021 19:43

Tgt Ion: 83 Resp: 154841
Ion Ratio Lower Upper
83 100
85 62.1 44.6 82.8
127 7.6 6.2 9.2



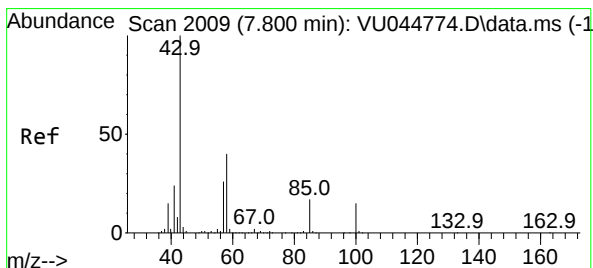
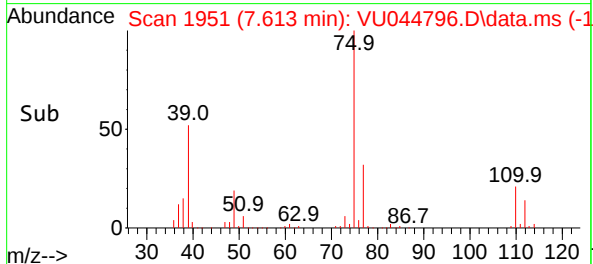
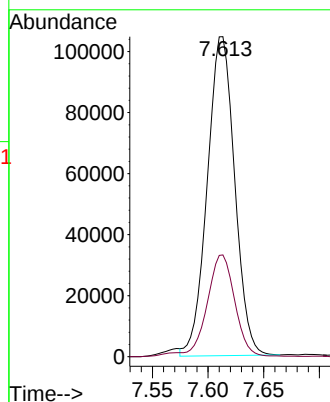
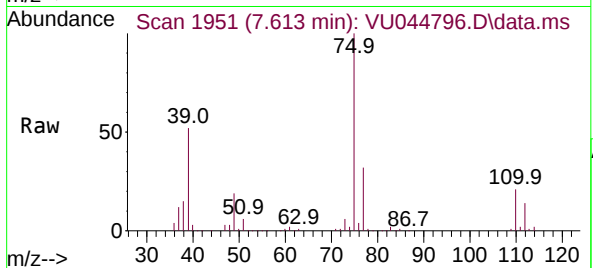


#39

cis-1,3-Dichloropropene
Concen: 49.978 ug/L
RT: 7.613 min Scan# 1951
Delta R.T. 0.000 min
Lab File: VU044796.D
Acq: 23 Sep 2021 19:43

Instrument :
MSVOA_U
ClientSampled :

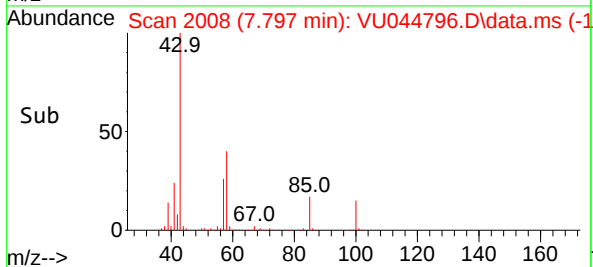
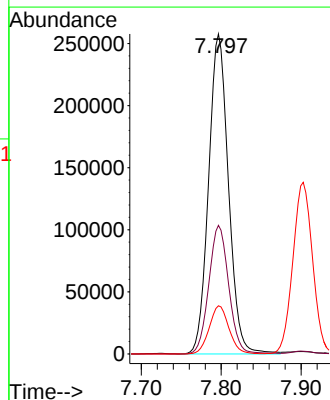
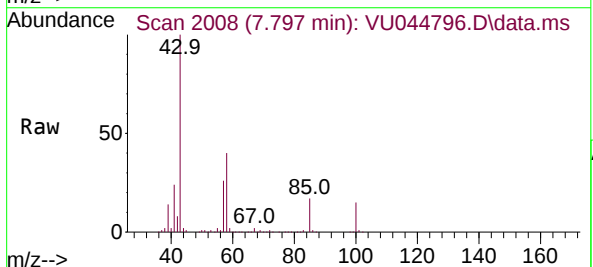
Tgt Ion: 75 Resp: 179235
Ion Ratio Lower Upper
75 100
77 31.8 22.4 41.6

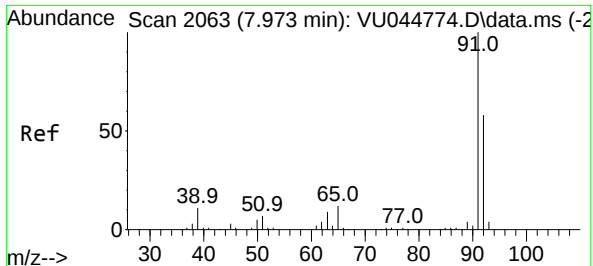


#40

4-Methyl-2-pentanone
Concen: 106.371 ug/L
RT: 7.797 min Scan# 2008
Delta R.T. -0.003 min
Lab File: VU044796.D
Acq: 23 Sep 2021 19:43

Tgt Ion: 43 Resp: 445366
Ion Ratio Lower Upper
43 100
58 40.3 31.8 47.8
100 15.0 11.8 17.6

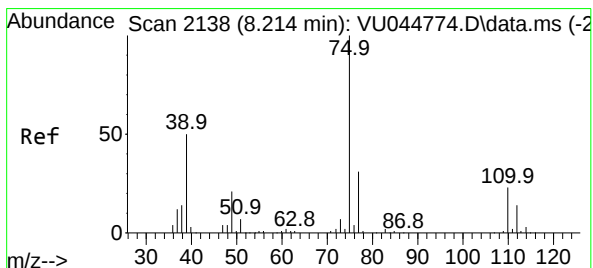
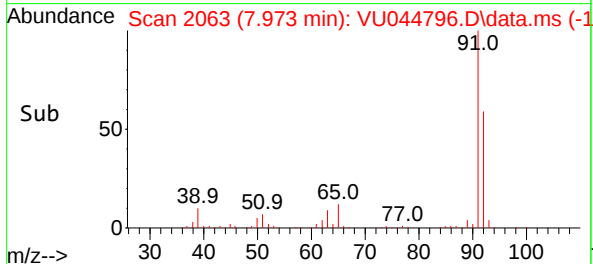
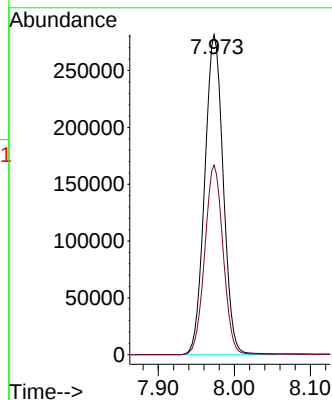
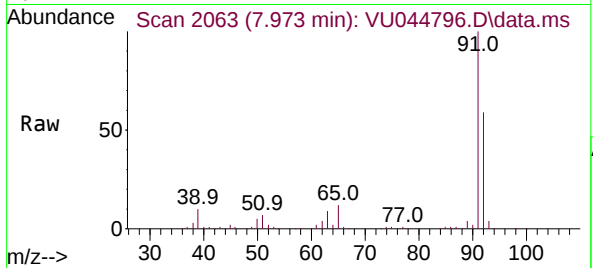




#42
Toluene
Concen: 50.955 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VU044796.D
Acq: 23 Sep 2021 19:43

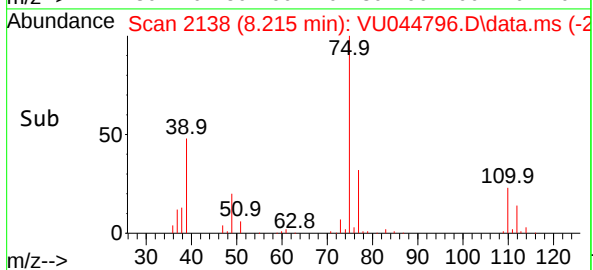
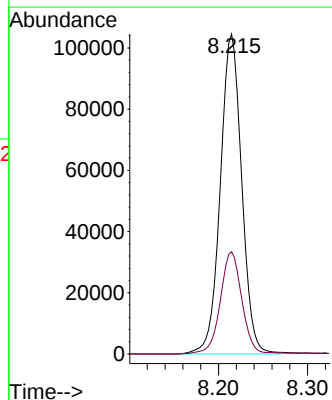
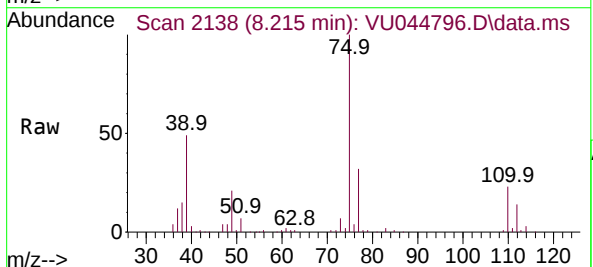
Instrument :
MSVOA_U
ClientSampled :

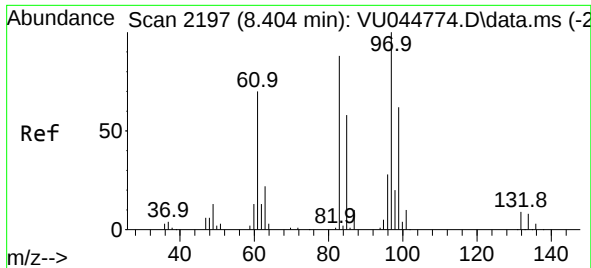
Tgt Ion: 91 Resp: 476603
Ion Ratio Lower Upper
91 100
92 59.2 40.5 75.1



#44
trans-1,3-Dichloropropene
Concen: 51.136 ug/L
RT: 8.215 min Scan# 2138
Delta R.T. 0.000 min
Lab File: VU044796.D
Acq: 23 Sep 2021 19:43

Tgt Ion: 75 Resp: 174376
Ion Ratio Lower Upper
75 100
77 32.0 21.7 40.3

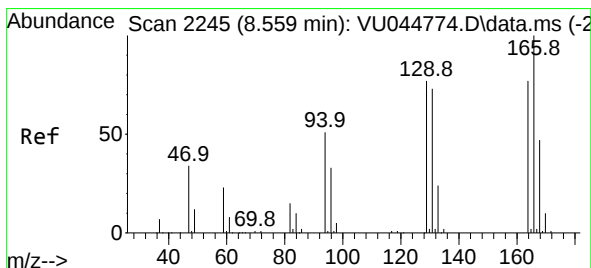
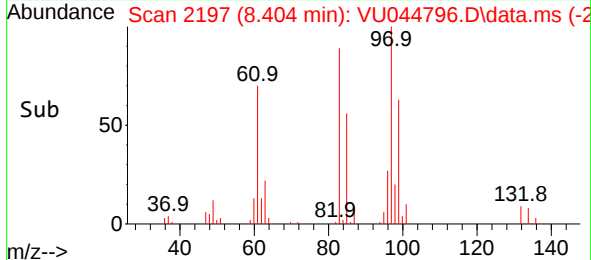
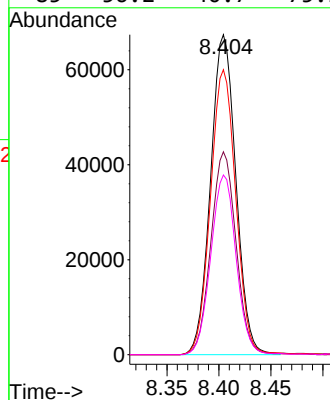
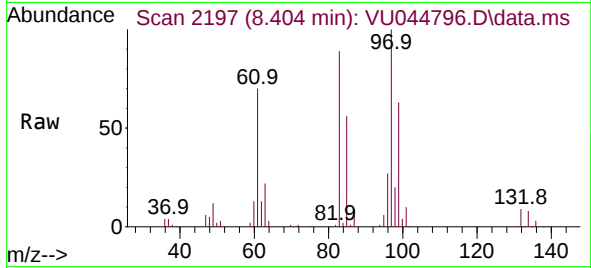




#45
1,1,2-Trichloroethane
Concen: 50.286 ug/L
RT: 8.404 min Scan# 2197
Delta R.T. 0.000 min
Lab File: VU044796.D
Acq: 23 Sep 2021 19:43

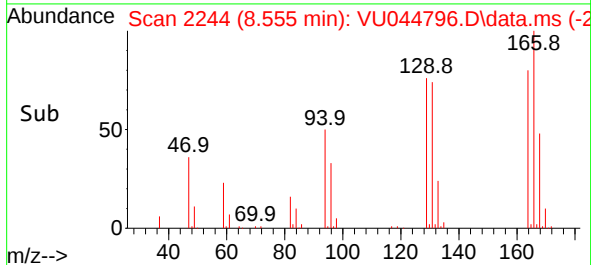
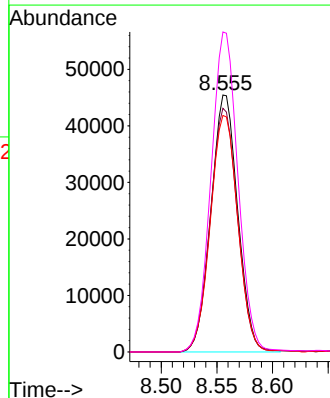
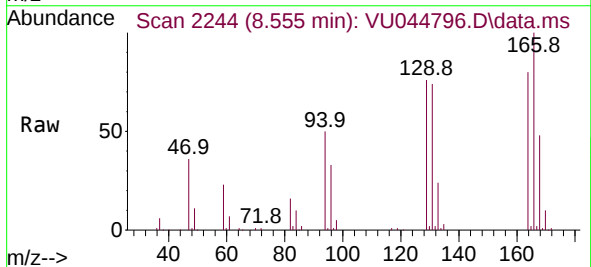
Instrument :
MSVOA_U
ClientSampleId :

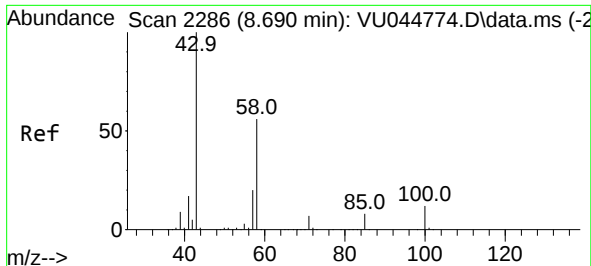
Tgt Ion:	97	Resp:	114221
Ion	Ratio	Lower	Upper
97	100		
99	63.4	43.7	81.1
83	89.1	61.9	115.1
85	56.2	40.7	75.5



#46
Tetrachloroethene
Concen: 48.310 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.003 min
Lab File: VU044796.D
Acq: 23 Sep 2021 19:43

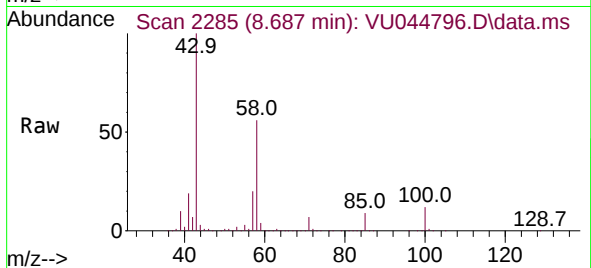
Tgt Ion:	164	Resp:	76350
Ion	Ratio	Lower	Upper
164	100		
129	94.9	69.8	129.6
131	92.0	66.4	123.2
166	124.6	91.1	169.3



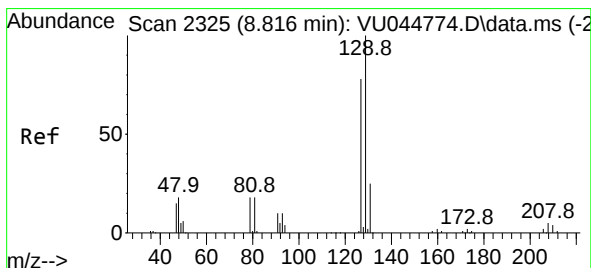
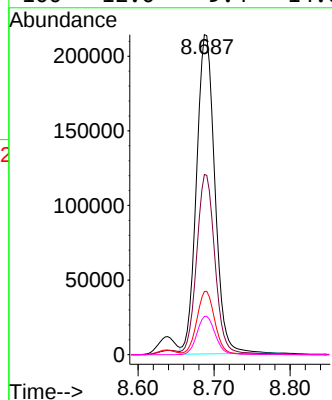
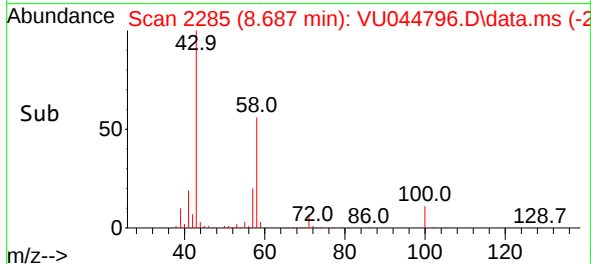


#48
2-Hexanone
Concen: 96.845 ug/L
RT: 8.687 min Scan# 2285
Delta R.T. -0.003 min
Lab File: VU044796.D
Acq: 23 Sep 2021 19:43

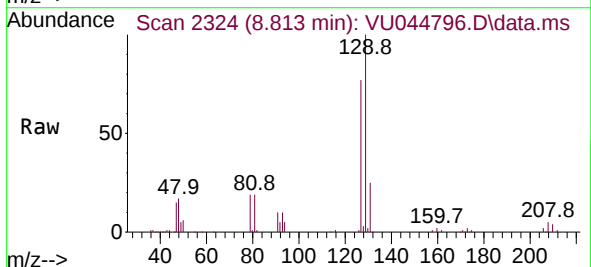
Instrument :
MSVOA_U
ClientSampled :



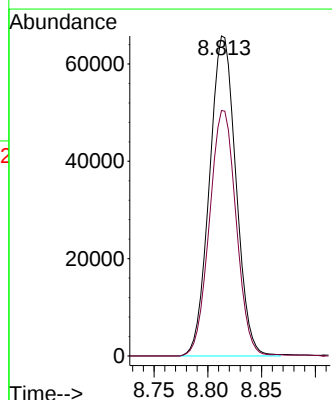
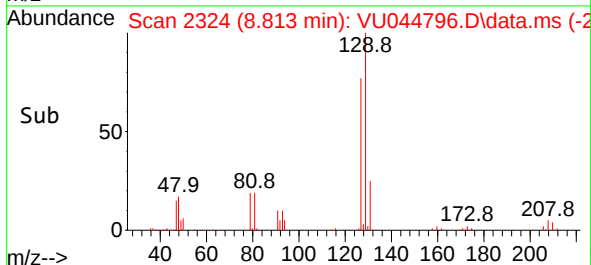
Tgt Ion: 43 Resp: 359570
Ion Ratio Lower Upper
43 100
58 56.4 44.9 67.3
57 19.5 15.5 23.3
100 12.0 9.4 14.0

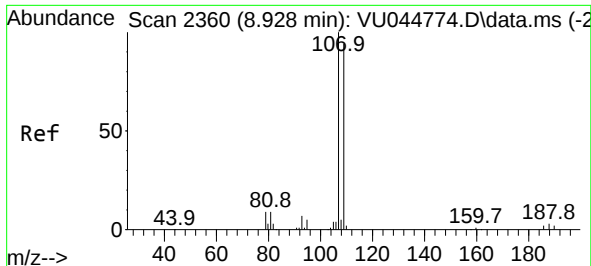


#49
Dibromochloromethane
Concen: 50.148 ug/L
RT: 8.813 min Scan# 2324
Delta R.T. -0.003 min
Lab File: VU044796.D
Acq: 23 Sep 2021 19:43



Tgt Ion: 129 Resp: 112655
Ion Ratio Lower Upper
129 100
127 76.7 54.3 100.8





#50

1,2-Dibromoethane

Concen: 50.512 ug/L

RT: 8.928 min Scan# 2360

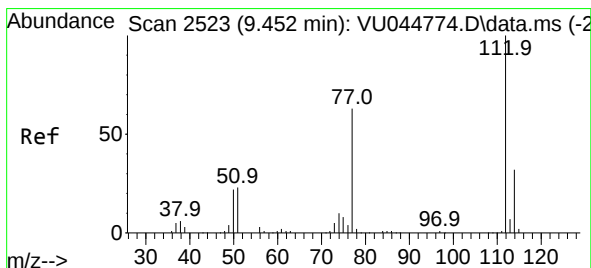
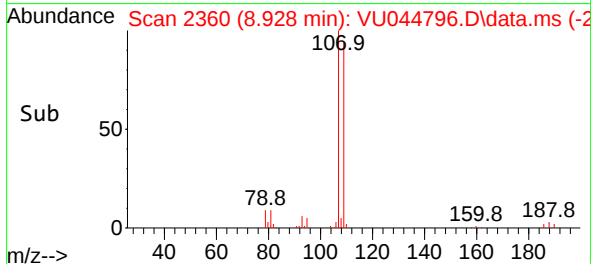
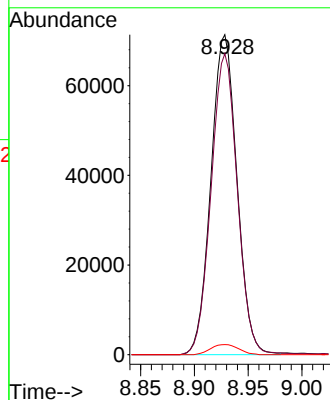
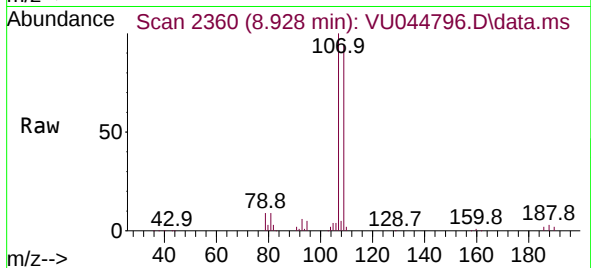
Delta R.T. 0.000 min

Lab File: VU044796.D

Acq: 23 Sep 2021 19:43

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion:	107	Resp:	120126
Ion	Ratio	Lower	Upper
107	100		
109	94.0	65.5	121.6
188	3.2	2.6	3.8



#51

Chlorobenzene

Concen: 49.183 ug/L

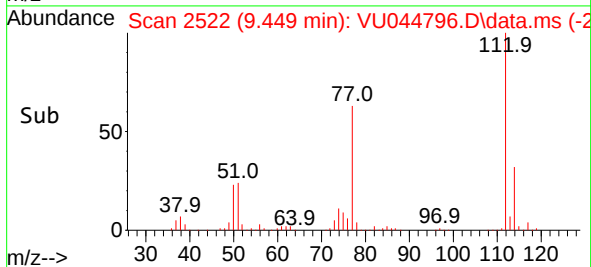
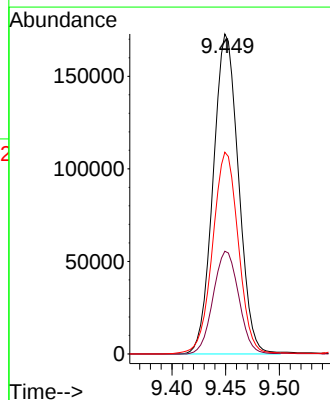
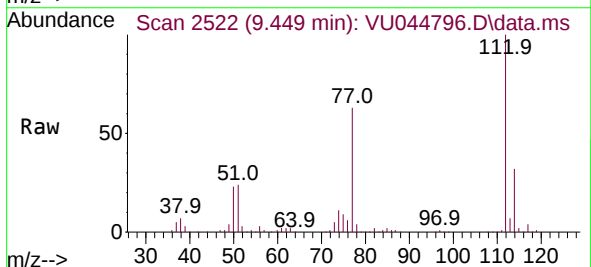
RT: 9.449 min Scan# 2522

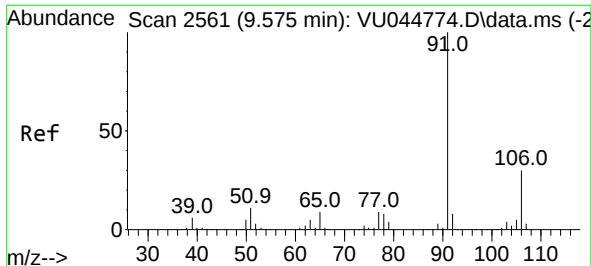
Delta R.T. -0.003 min

Lab File: VU044796.D

Acq: 23 Sep 2021 19:43

Tgt Ion:	112	Resp:	284000
Ion	Ratio	Lower	Upper
112	100		
114	32.1	22.5	41.9
77	63.0	50.6	75.8

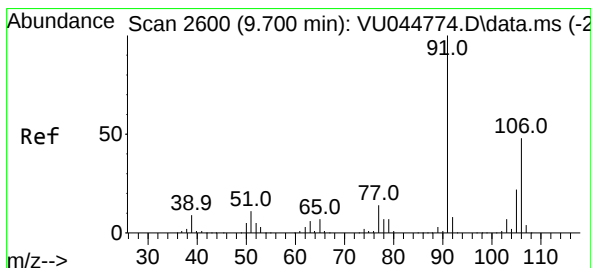
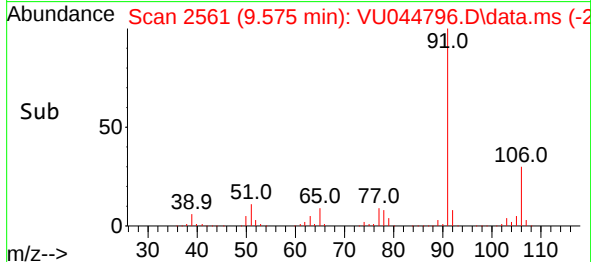
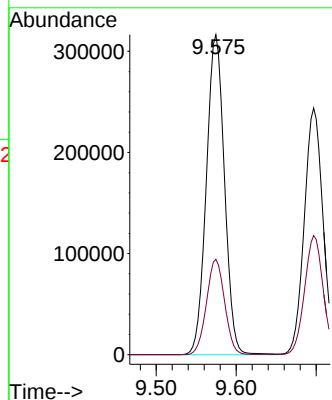
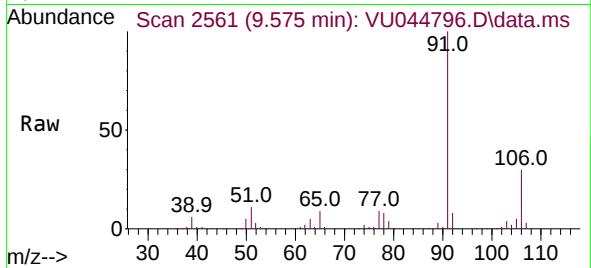




#52
Ethylbenzene
Concen: 50.534 ug/L
RT: 9.575 min Scan# 2561
Delta R.T. 0.000 min
Lab File: VU044796.D
Acq: 23 Sep 2021 19:43

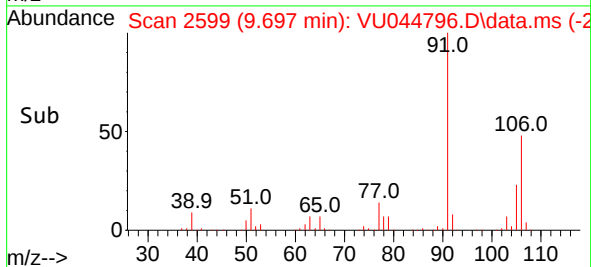
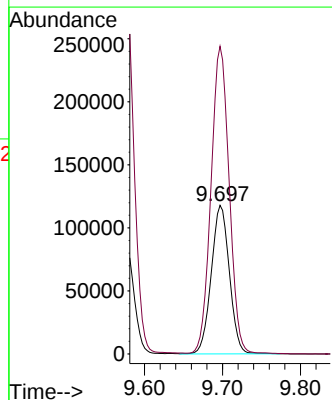
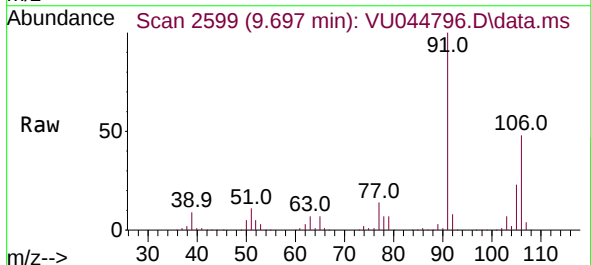
Instrument :
MSVOA_U
ClientSampled :

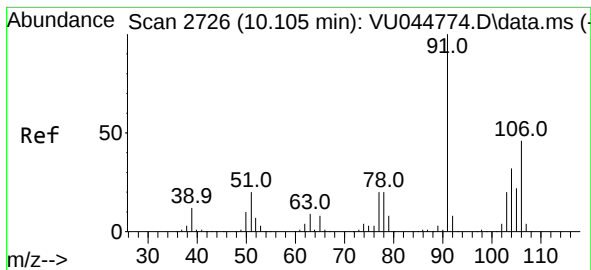
Tgt Ion: 91 Resp: 499324
Ion Ratio Lower Upper
91 100
106 29.8 21.2 39.4



#53
m,p-Xylene
Concen: 50.695 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. -0.003 min
Lab File: VU044796.D
Acq: 23 Sep 2021 19:43

Tgt Ion:106 Resp: 189758
Ion Ratio Lower Upper
106 100
91 207.1 146.7 272.4

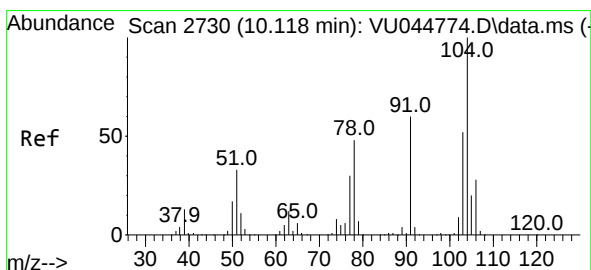
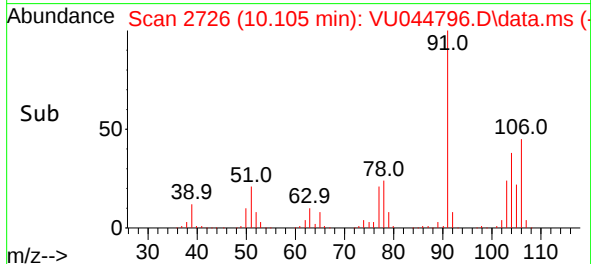
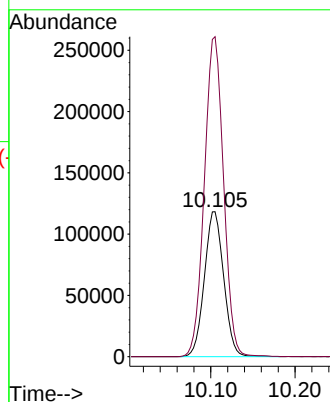
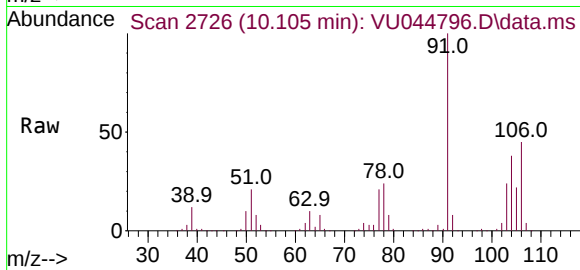




#54
o-xylene
Concen: 51.293 ug/L
RT: 10.105 min Scan# 2726
Delta R.T. 0.000 min
Lab File: VU044796.D
Acq: 23 Sep 2021 19:43

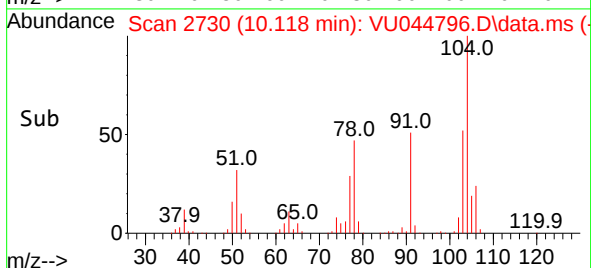
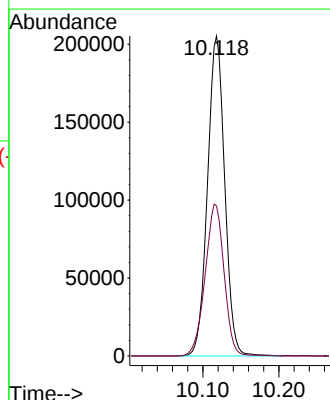
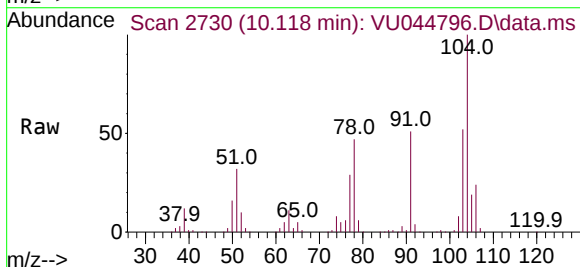
Instrument :
MSVOA_U
ClientSampleId :

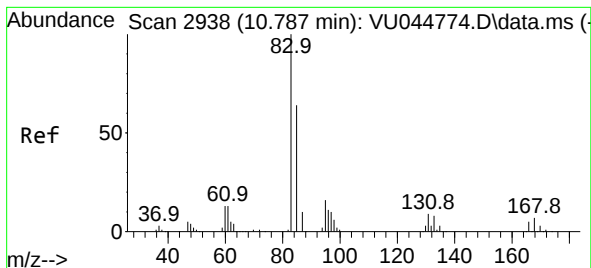
Tgt Ion:106 Resp: 188666
Ion Ratio Lower Upper
106 100
91 220.7 152.9 283.9



#55
Styrene
Concen: 51.045 ug/L
RT: 10.118 min Scan# 2730
Delta R.T. 0.000 min
Lab File: VU044796.D
Acq: 23 Sep 2021 19:43

Tgt Ion:104 Resp: 322881
Ion Ratio Lower Upper
104 100
78 46.9 33.3 61.9

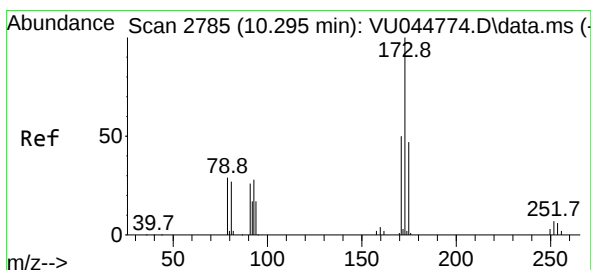
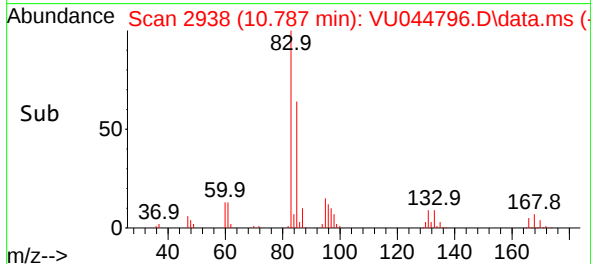
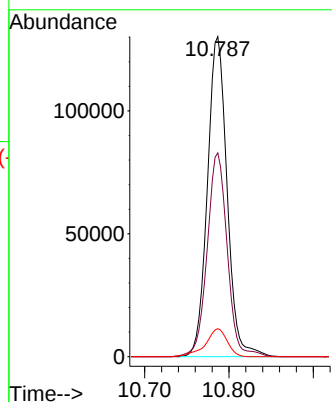
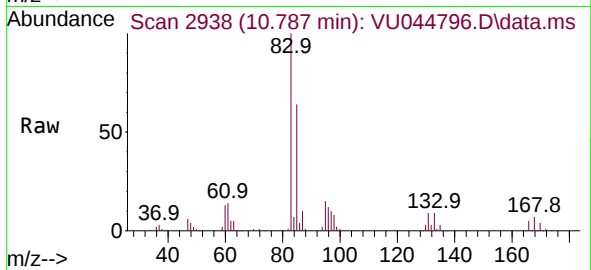




#57
1,1,2,2-Tetrachloroethane
Concen: 48.674 ug/L
RT: 10.787 min Scan# 2938
Delta R.T. 0.000 min
Lab File: VU044796.D
Acq: 23 Sep 2021 19:43

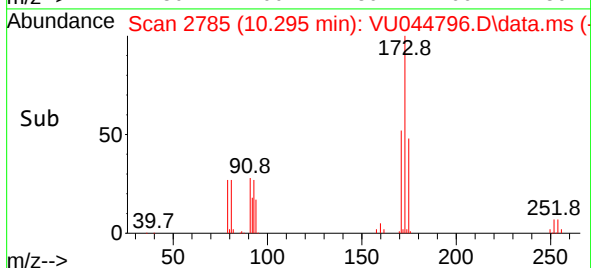
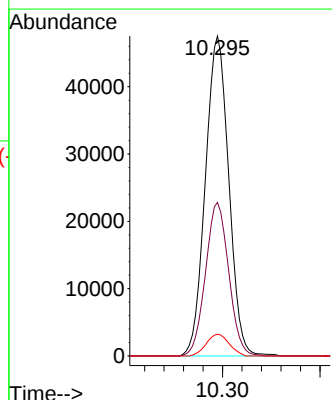
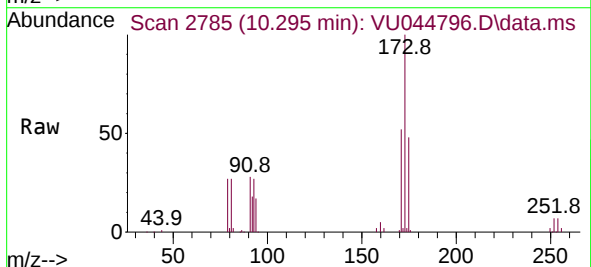
Instrument :
MSVOA_U
ClientSampled :

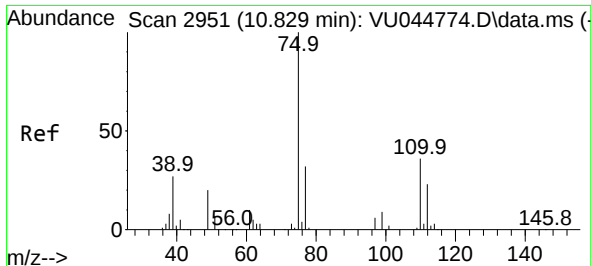
Tgt Ion: 83 Resp: 211691
Ion Ratio Lower Upper
83 100
85 63.7 45.1 83.7
131 8.7 6.9 10.3



#59
Bromoform
Concen: 51.239 ug/L
RT: 10.295 min Scan# 2785
Delta R.T. 0.000 min
Lab File: VU044796.D
Acq: 23 Sep 2021 19:43

Tgt Ion:173 Resp: 79183
Ion Ratio Lower Upper
173 100
175 47.5 38.4 57.6
254 6.7 5.3 7.9

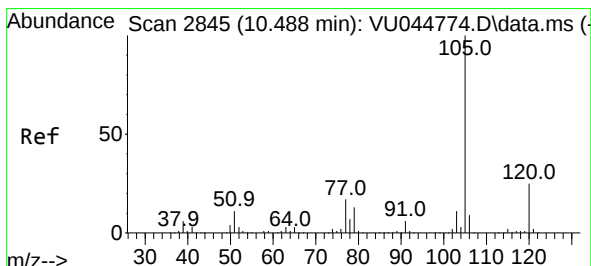
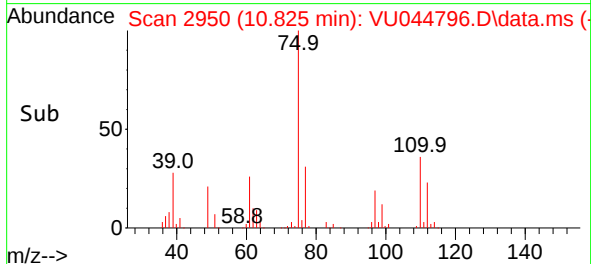
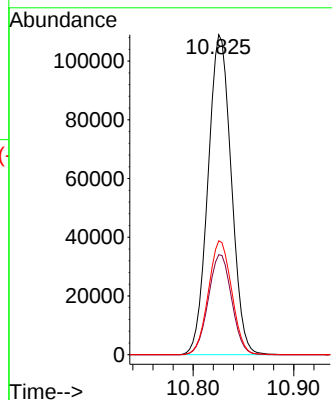
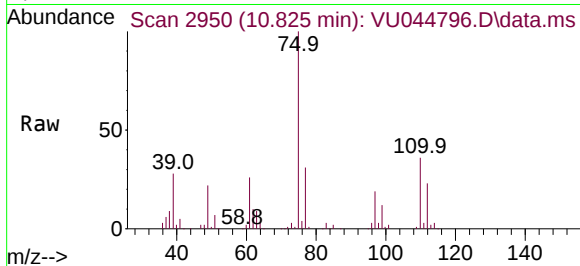




#60
1,2,3-Trichloropropane
Concen: 50.840 ug/L
RT: 10.825 min Scan# 2950
Delta R.T. -0.003 min
Lab File: VU044796.D
Acq: 23 Sep 2021 19:43

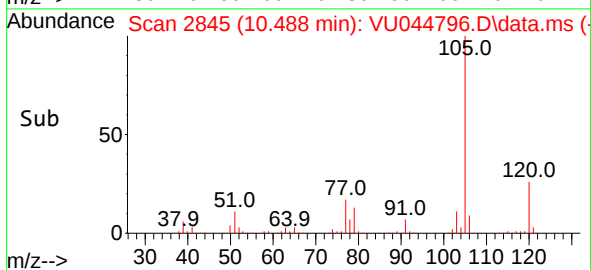
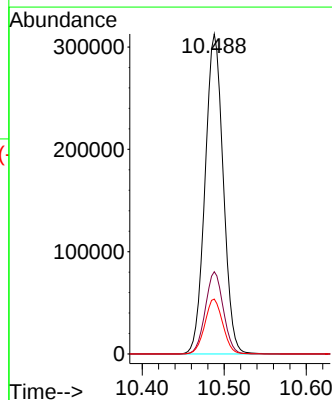
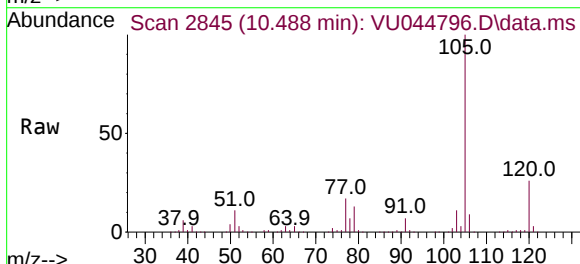
Instrument :
MSVOA_U
ClientSampled :

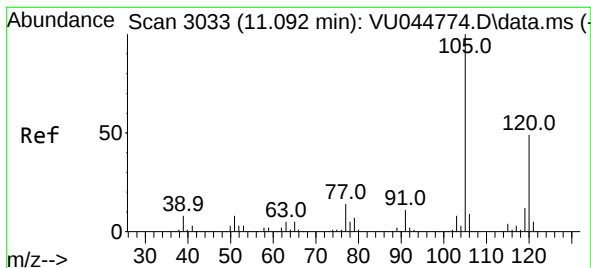
Tgt Ion:	75	Resp:	175211
Ion	Ratio	Lower	Upper
75	100		
77	31.5	25.5	38.3
110	35.7	29.0	43.4



#61
Isopropylbenzene
Concen: 52.662 ug/L
RT: 10.488 min Scan# 2845
Delta R.T. 0.000 min
Lab File: VU044796.D
Acq: 23 Sep 2021 19:43

Tgt Ion:	105	Resp:	480226
Ion	Ratio	Lower	Upper
105	100		
120	25.5	20.5	30.7
77	17.0	13.5	20.3

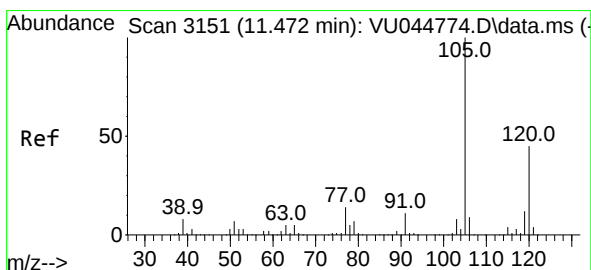
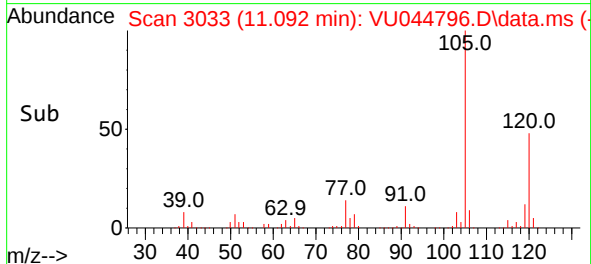
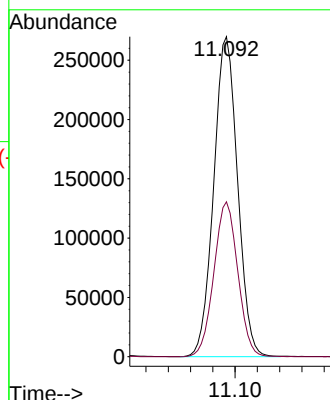
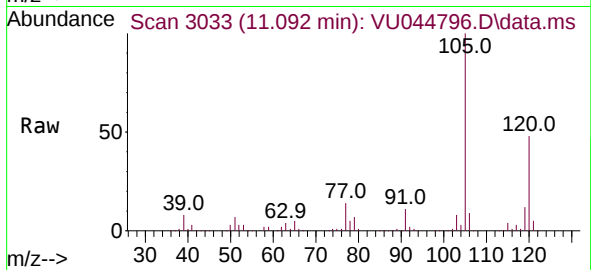




#62
1,3,5-Trimethylbenzene
Concen: 52.697 ug/L
RT: 11.092 min Scan# 3033
Delta R.T. 0.000 min
Lab File: VU044796.D
Acq: 23 Sep 2021 19:43

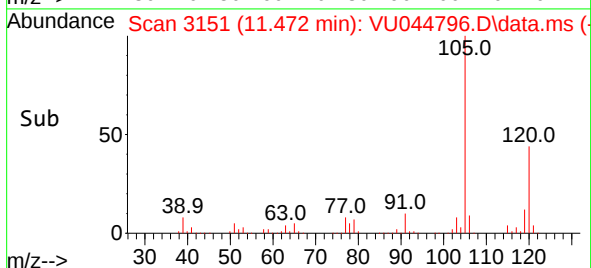
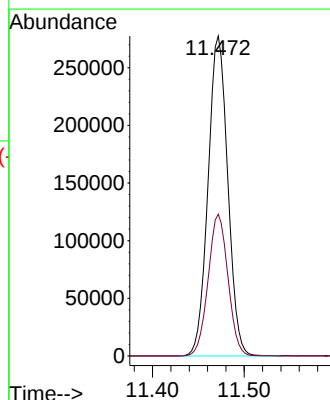
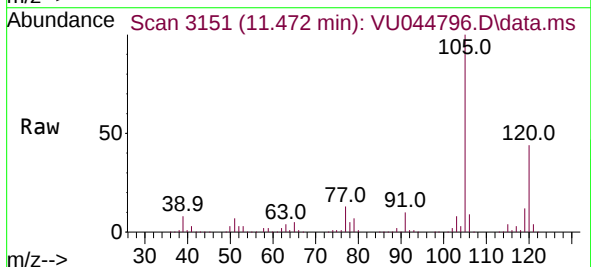
Instrument :
MSVOA_U
ClientSampled :

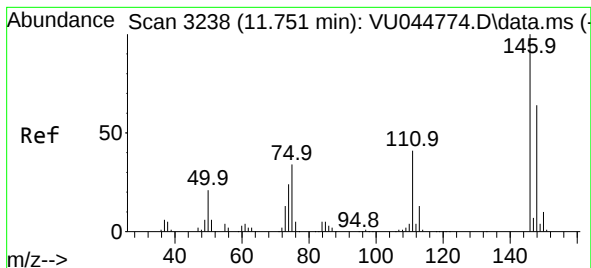
Tgt Ion:105 Resp: 401322
Ion Ratio Lower Upper
105 100
120 48.4 38.8 58.2



#63
1,2,4-Trimethylbenzene
Concen: 53.140 ug/L
RT: 11.472 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VU044796.D
Acq: 23 Sep 2021 19:43

Tgt Ion:105 Resp: 414420
Ion Ratio Lower Upper
105 100
120 44.6 35.7 53.5





#64

1,3-Dichlorobenzene

Concen: 49.555 ug/L

RT: 11.748 min Scan# 3237

Delta R.T. -0.003 min

Lab File: VU044796.D

Acq: 23 Sep 2021 19:43

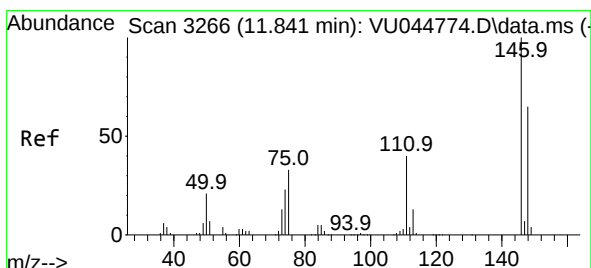
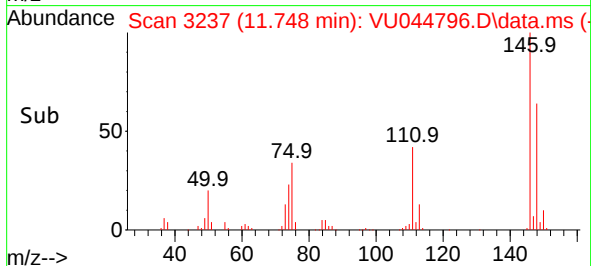
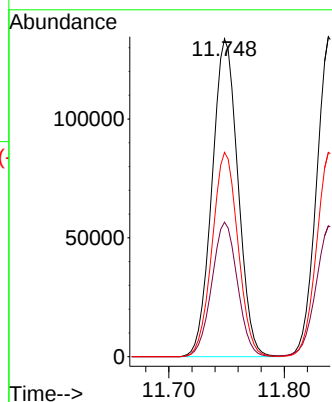
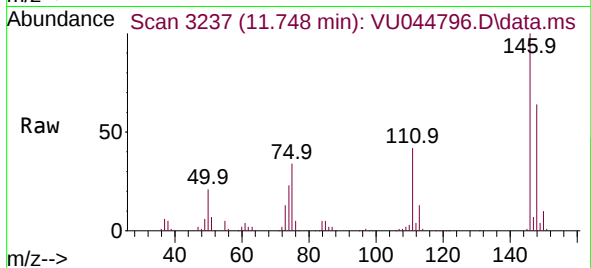
Tgt Ion:146 Resp: 208839

Ion Ratio Lower Upper

146 100

111 42.3 29.0 53.8

148 64.3 44.8 83.2



#65

1,4-Dichlorobenzene

Concen: 48.257 ug/L

RT: 11.838 min Scan# 3265

Delta R.T. -0.003 min

Lab File: VU044796.D

Acq: 23 Sep 2021 19:43

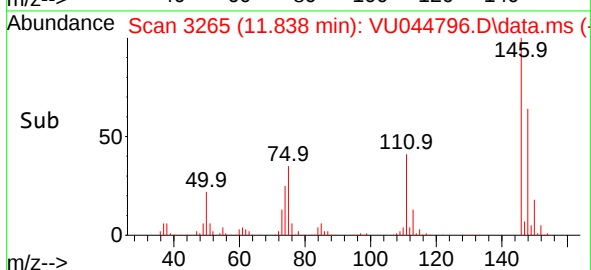
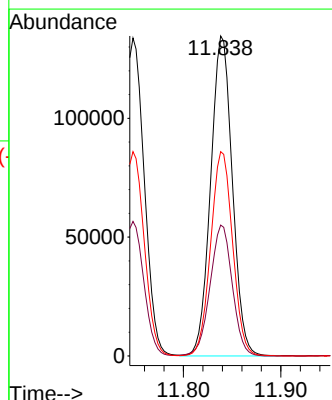
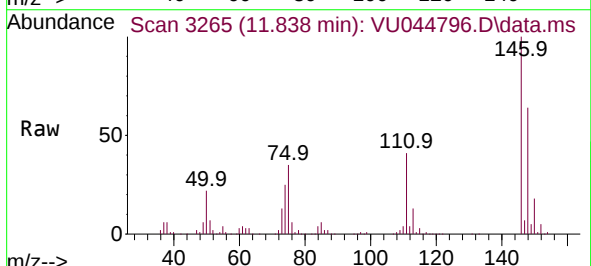
Tgt Ion:146 Resp: 208653

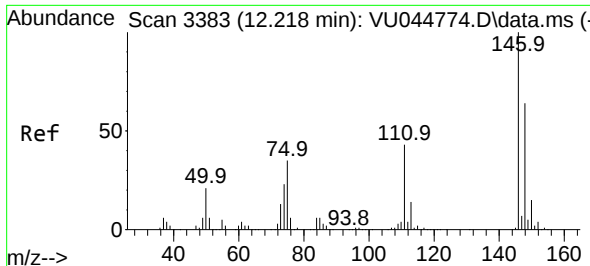
Ion Ratio Lower Upper

146 100

111 40.9 28.5 52.9

148 63.9 45.5 84.5

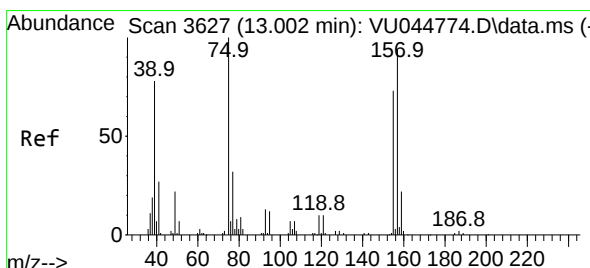
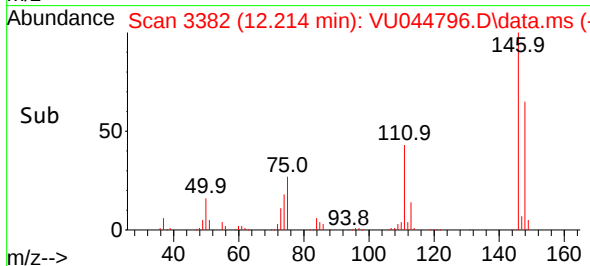
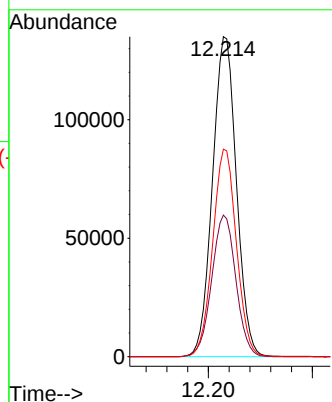
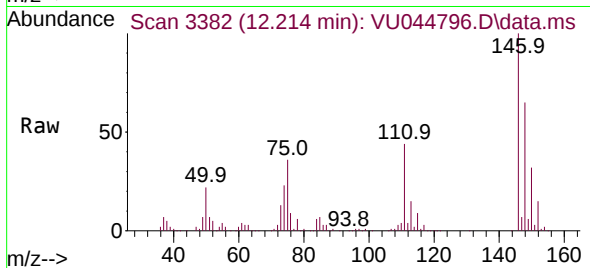




#67
1,2-Dichlorobenzene
Concen: 49.936 ug/L
RT: 12.214 min Scan# 3382
Delta R.T. -0.003 min
Lab File: VU044796.D
Acq: 23 Sep 2021 19:43

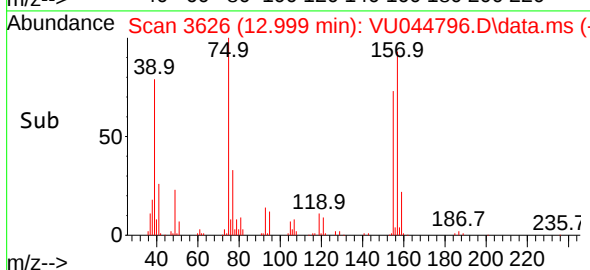
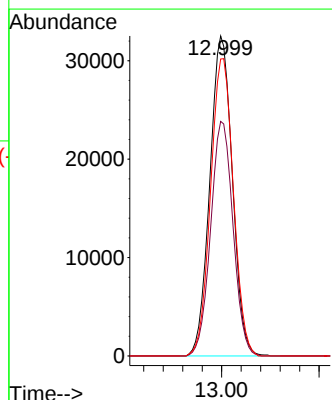
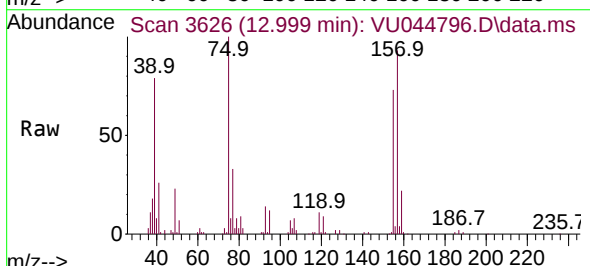
Instrument :
MSVOA_U
ClientSampleId :

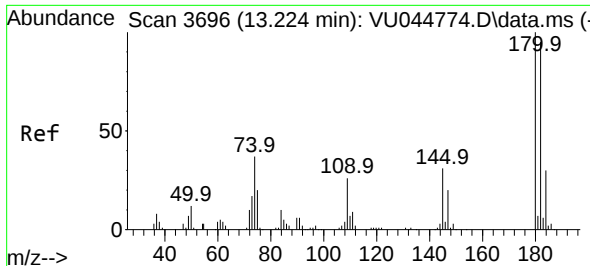
Tgt Ion:146 Resp: 216035
Ion Ratio Lower Upper
146 100
111 44.3 34.7 52.1
148 64.8 51.0 76.6



#68
1,2-Dibromo-3-chloropropane
Concen: 52.651 ug/L
RT: 12.999 min Scan# 3626
Delta R.T. -0.003 min
Lab File: VU044796.D
Acq: 23 Sep 2021 19:43

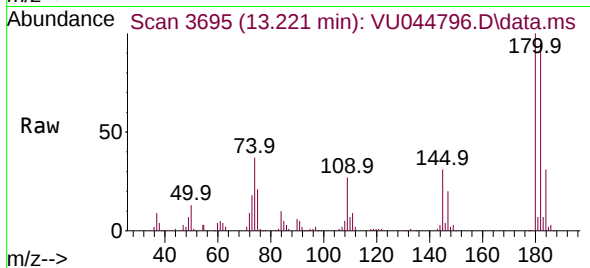
Tgt Ion: 75 Resp: 52146
Ion Ratio Lower Upper
75 100
155 76.9 58.5 87.7
157 92.8 77.7 116.5



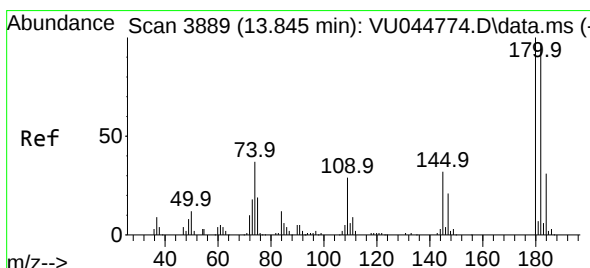
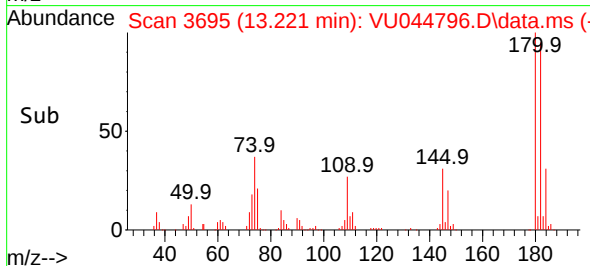
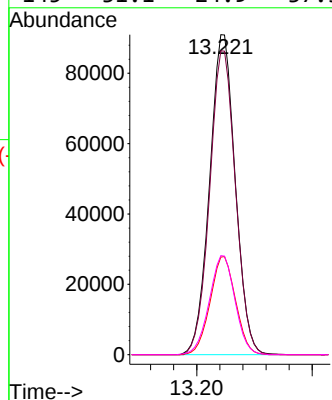


#69
 1,3,5-Trichlorobenzene
 Concen: 47.925 ug/L
 RT: 13.221 min Scan# 3695
 Delta R.T. -0.003 min
 Lab File: VU044796.D
 Acq: 23 Sep 2021 19:43

Instrument :
 MSVOA_U
 ClientSampled :

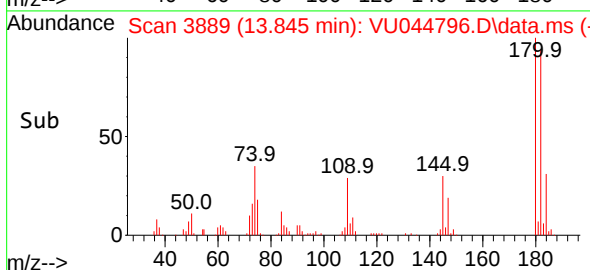
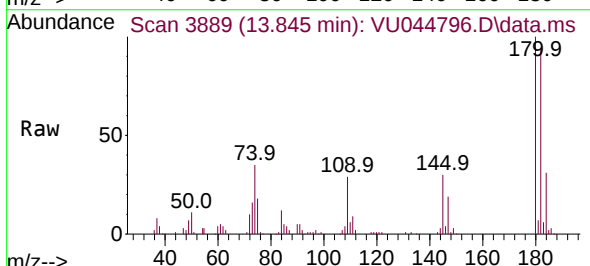
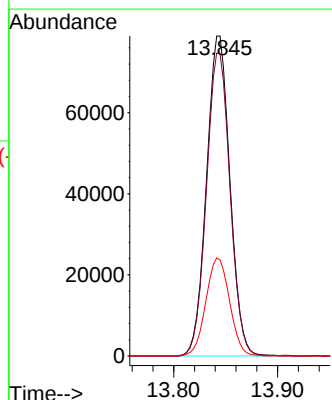


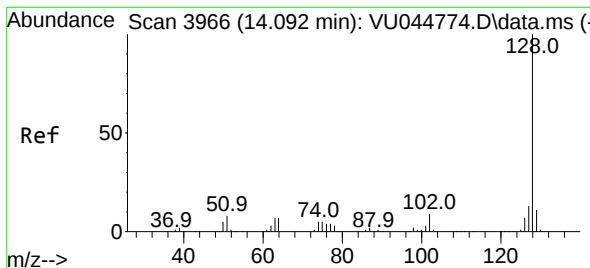
Tgt Ion:180 Resp: 140162
 Ion Ratio Lower Upper
 180 100
 182 95.5 76.8 115.2
 184 30.4 24.4 36.6
 145 31.1 24.9 37.3



#70
 1,2,4-trichlorobenzene
 Concen: 50.903 ug/L
 RT: 13.845 min Scan# 3889
 Delta R.T. 0.000 min
 Lab File: VU044796.D
 Acq: 23 Sep 2021 19:43

Tgt Ion:180 Resp: 123712
 Ion Ratio Lower Upper
 180 100
 182 95.2 76.2 114.2
 145 31.0 25.4 38.0

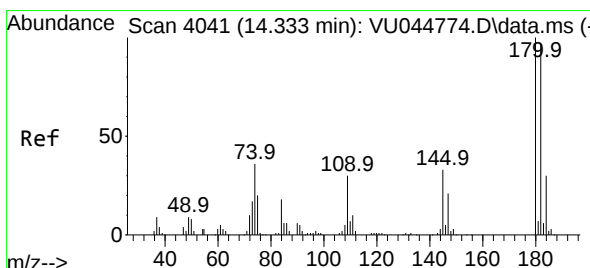
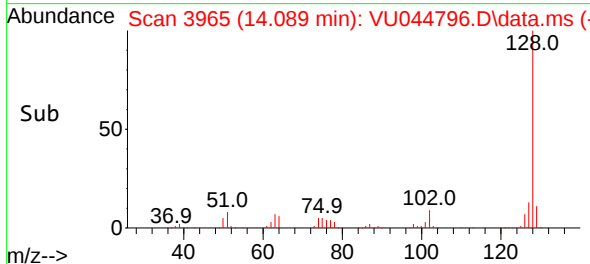
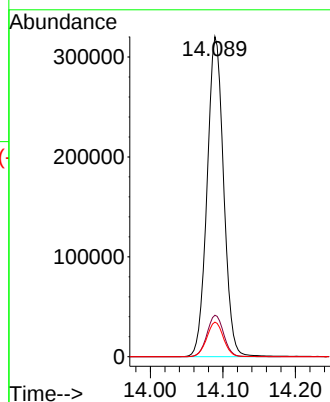
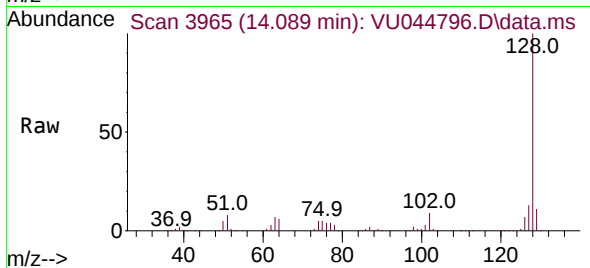




#71
Naphthalene
Concen: 60.260 ug/L
RT: 14.089 min Scan# 3965
Delta R.T. -0.003 min
Lab File: VU044796.D
Acq: 23 Sep 2021 19:43

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion:128 Resp: 507502
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 10.9 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 54.562 ug/L
RT: 14.333 min Scan# 4041
Delta R.T. 0.000 min
Lab File: VU044796.D
Acq: 23 Sep 2021 19:43

Tgt Ion:180 Resp: 135672
Ion Ratio Lower Upper
180 100
182 93.4 76.8 115.2
145 32.9 26.5 39.7

