

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092321\
 Data File : VU044774.D
 Acq On : 23 Sep 2021 10:24
 Operator : SY/MD
 Sample : VSTD05015
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 24 05:17:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 24 05:15:56 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	277423	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	268022	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	137700	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	146768	60.514	ug/L	0.00
7) Chloroethane-d5	1.906	69	119112	66.194	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.572	63	250056	60.503	ug/L	0.00
21) 2-Butanone-d5	4.633	46	235451	123.685	ug/L	0.00
24) Chloroform-d	5.070	84	235922	58.068	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.707	65	158230	61.573	ug/L	0.00
32) Benzene-d6	5.732	84	472319	57.631	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.697	67	152263	56.957	ug/L	0.00
41) Toluene-d8	7.903	98	411138	56.254	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.182	79	68091	57.896	ug/L	0.00
47) 2-Hexanone-d5	8.639	63	168551	127.453	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.761	84	224308	55.407	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.198	152	146345	53.000	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	127159	53.226	ug/L	100
3) Chloromethane	1.520	50	158989	54.411	ug/L	100
5) Vinyl chloride	1.607	62	155303	54.879	ug/L	100
6) Bromomethane	1.848	94	69627	52.613	ug/L	100
8) Chloroethane	1.929	64	97451	59.340	ug/L	100
9) Trichlorofluoromethane	2.138	101	179609	55.869	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	112334	54.072	ug/L	100
12) 1,1-Dichloroethene	2.581	96	105793	52.072	ug/L	100
13) Acetone	2.636	43	282967	179.777	ug/L	100
14) Carbon disulfide	2.797	76	332996	51.915	ug/L	100
15) Methyl Acetate	2.954	43	165063	56.005	ug/L	100
16) Methylene chloride	3.051	84	128188	42.581	ug/L	100
17) trans-1,2-Dichloroethene	3.356	96	110651	52.593	ug/L	100
18) Methyl tert-butyl Ether	3.372	73	367747	56.508	ug/L	100
19) 1,1-Dichloroethane	3.877	63	229023	54.932	ug/L	100
20) cis-1,2-Dichloroethene	4.674	96	122374	52.806	ug/L	100
22) 2-Butanone	4.713	43	309352	136.190	ug/L	100
23) Bromochloromethane	4.980	128	60476	48.765	ug/L	100
25) Chloroform	5.096	83	225412	55.121	ug/L	100
27) 1,2-Dichloroethane	5.800	62	190315	59.136	ug/L	100
29) Cyclohexane	5.395	56	209111	57.002	ug/L	100
30) 1,1,1-Trichloroethane	5.321	97	186432	55.883	ug/L	100
31) Carbon tetrachloride	5.530	117	145654	53.918	ug/L	100
33) Benzene	5.781	78	501271	54.287	ug/L	100
34) Trichloroethene	6.546	95	118674	52.971	ug/L	100
35) Methylcyclohexane	6.768	83	206465	57.417	ug/L	100
37) 1,2-Dichloropropane	6.797	63	134297	53.236	ug/L	100
38) Bromodichloromethane	7.112	83	164905	54.828	ug/L	100
39) cis-1,3-Dichloropropene	7.613	75	195288	56.212	ug/L	100
40) 4-Methyl-2-pentanone	7.800	43	449164	115.803	ug/L	100
42) Toluene	7.973	91	516563	53.785	ug/L	100
44) trans-1,3-Dichloropropene	8.214	75	186307	56.837	ug/L	100

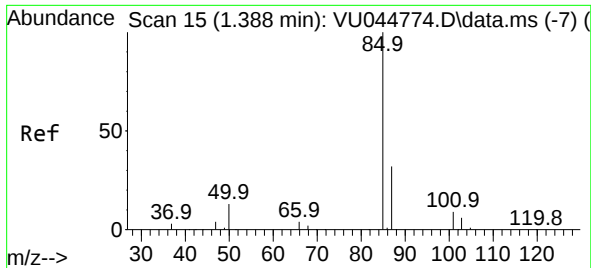
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092321\
 Data File : VU044774.D
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Instrument :
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Quant Time: Sep 24 05:17:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 24 05:15:56 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.404	97	120889	52.273	ug/L	100
46) Tetrachloroethene	8.559	164	84078	48.847	ug/L	100
48) 2-Hexanone	8.690	43	404334	126.685	ug/L	100
49) Dibromochloromethane	8.816	129	118454	50.396	ug/L	100
50) 1,2-Dibromoethane	8.928	107	126342	52.545	ug/L	100
51) Chlorobenzene	9.452	112	303078	51.163	ug/L	100
52) Ethylbenzene	9.575	91	536742	54.059	ug/L	100
53) m,p-Xylene	9.700	106	204992	54.621	ug/L	100
54) o-xylene	10.105	106	203533	54.645	ug/L	100
55) Styrene	10.118	104	351782	55.882	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.787	83	218960	51.663	ug/L	100
59) Bromoform	10.295	173	83382	46.667	ug/L	100
60) 1,2,3-Trichloropropane	10.829	75	180858	54.344	ug/L	100
61) Isopropylbenzene	10.488	105	519537	56.275	ug/L	100
62) 1,3,5-Trimethylbenzene	11.092	105	440134	57.345	ug/L	100
63) 1,2,4-Trimethylbenzene	11.472	105	452360	58.487	ug/L	100
64) 1,3-Dichlorobenzene	11.751	146	225203	51.004	ug/L	100
65) 1,4-Dichlorobenzene	11.841	146	228541	50.715	ug/L	100
67) 1,2-Dichlorobenzene	12.218	146	231944	50.459	ug/L	100
68) 1,2-Dibromo-3-chloropr...	13.002	75	54079	58.295	ug/L	100
69) 1,3,5-Trichlorobenzene	13.224	180	159086	49.131	ug/L	100
70) 1,2,4-trichlorobenzene	13.845	180	137966	49.947	ug/L	100
71) Naphthalene	14.092	128	513059	55.070	ug/L	100
72) 1,2,3-Trichlorobenzene	14.333	180	145425	50.274	ug/L	100

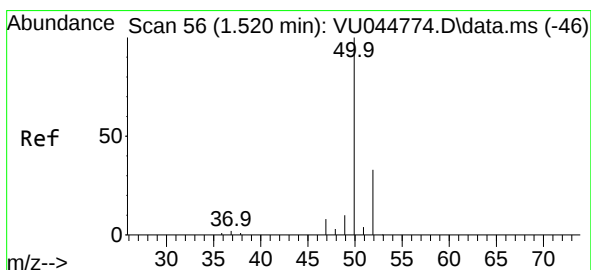
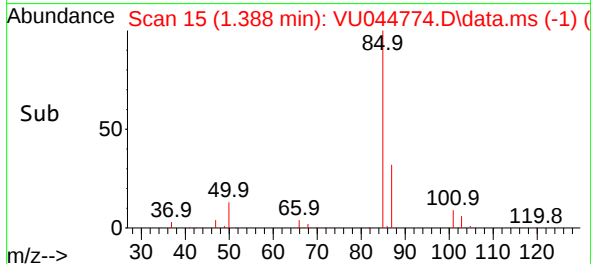
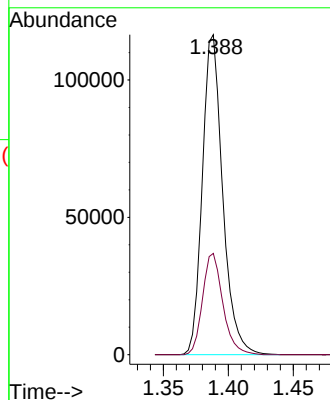
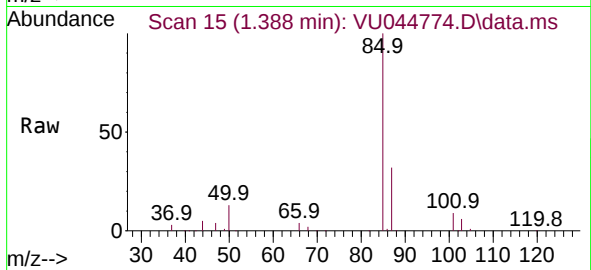
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 53.226 ug/L
 RT: 1.388 min Scan# 15
 Delta R.T. 0.000 min
 Lab File: VU044774.D
 Acq: 23 Sep 2021 10:24

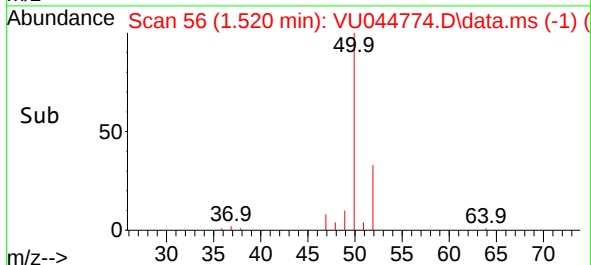
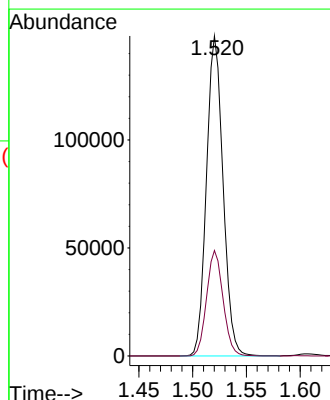
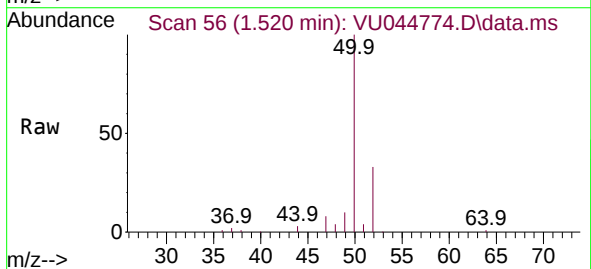
Instrument :
 MSVOA_U
 ClientSampleId :

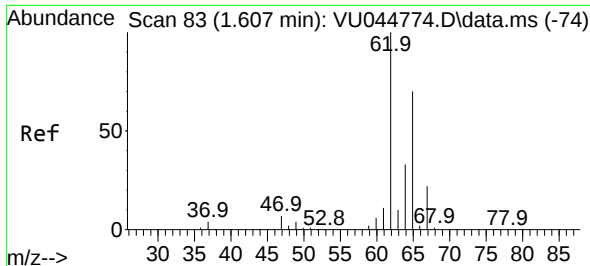
Tgt Ion: 85 Resp: 127159
 Ion Ratio Lower Upper
 85 100
 87 31.5 25.2 37.8



#3
 Chloromethane
 Concen: 54.411 ug/L
 RT: 1.520 min Scan# 56
 Delta R.T. 0.000 min
 Lab File: VU044774.D
 Acq: 23 Sep 2021 10:24

Tgt Ion: 50 Resp: 158989
 Ion Ratio Lower Upper
 50 100
 52 32.9 23.0 42.8

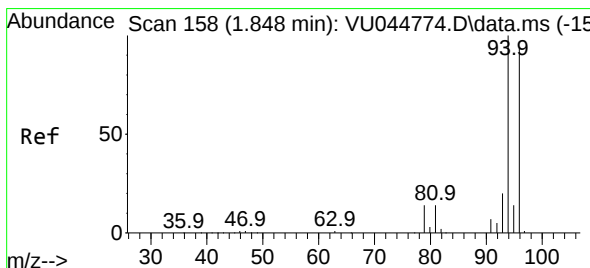
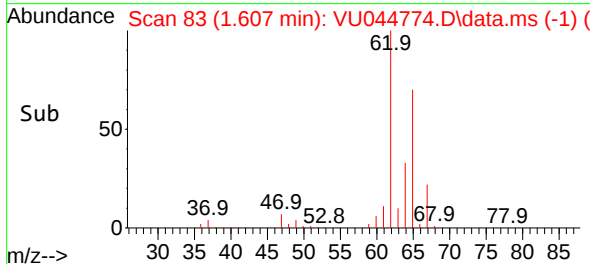
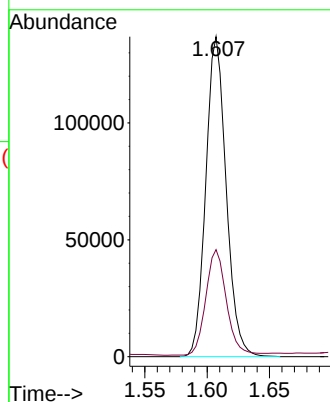
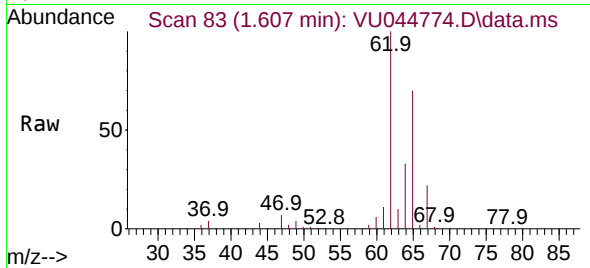




#5
 Vinyl chloride
 Concen: 54.879 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VU044774.D
 Acq: 23 Sep 2021 10:24

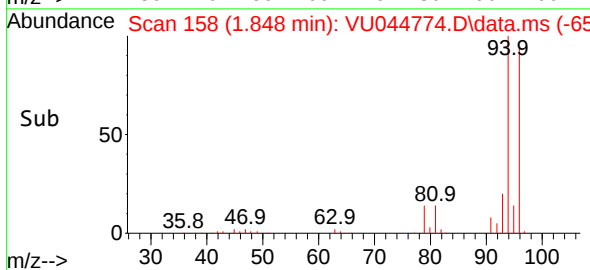
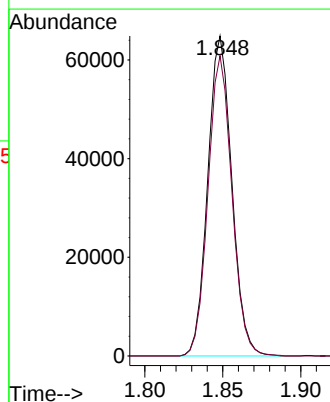
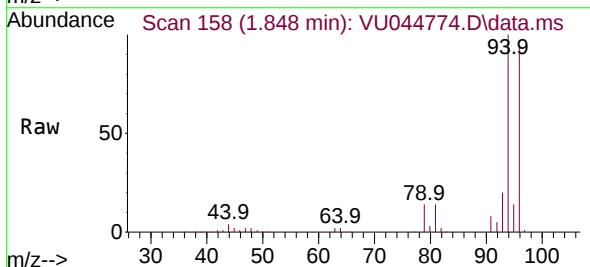
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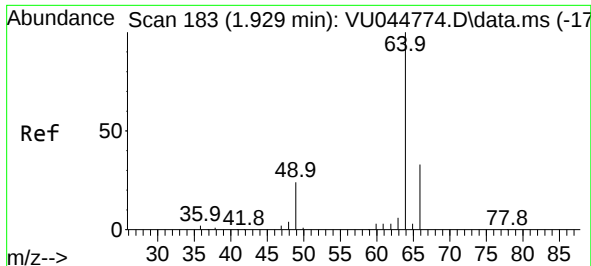
Tgt Ion: 62 Resp: 155303
 Ion Ratio Lower Upper
 62 100
 64 33.5 23.4 43.6



#6
 Bromomethane
 Concen: 52.613 ug/L
 RT: 1.848 min Scan# 158
 Delta R.T. 0.000 min
 Lab File: VU044774.D
 Acq: 23 Sep 2021 10:24

Tgt Ion: 94 Resp: 69627
 Ion Ratio Lower Upper
 94 100
 96 93.8 65.7 121.9

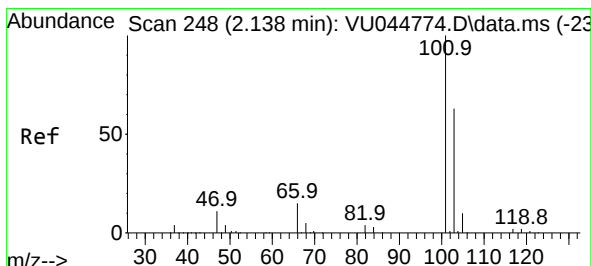
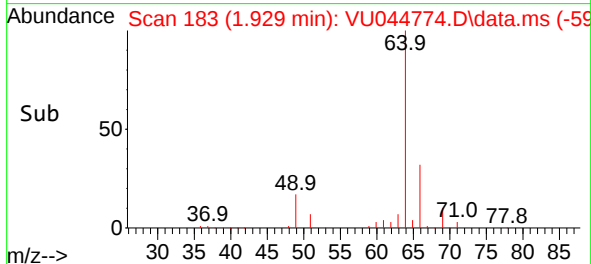
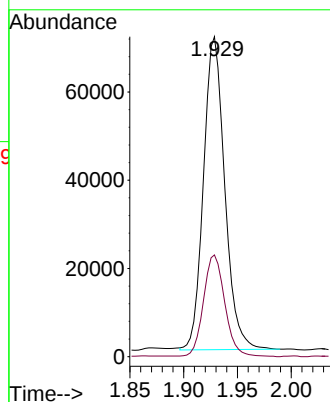
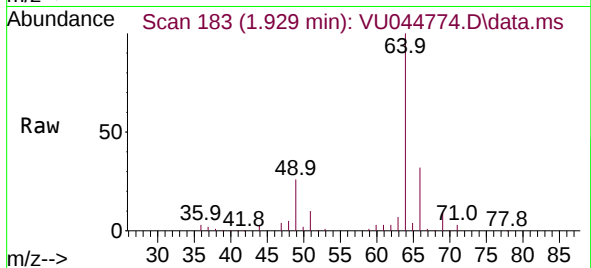




#8
Chloroethane
Concen: 59.340 ug/L
RT: 1.929 min Scan# 183
Delta R.T. 0.000 min
Lab File: VU044774.D
Acq: 23 Sep 2021 10:24

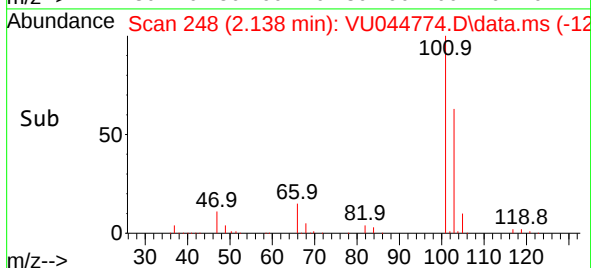
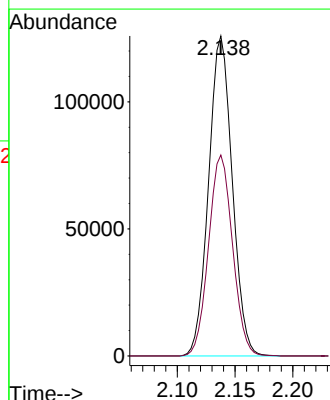
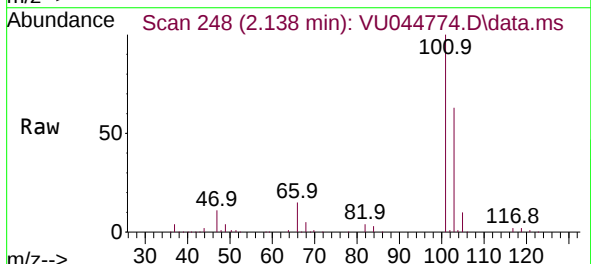
Instrument :
MSVOA_U
ClientSampled :

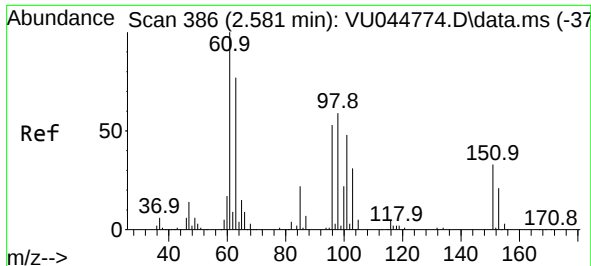
Tgt Ion: 64 Resp: 97451
Ion Ratio Lower Upper
64 100
66 31.8 22.3 41.3



#9
Trichlorofluoromethane
Concen: 55.869 ug/L
RT: 2.138 min Scan# 248
Delta R.T. 0.000 min
Lab File: VU044774.D
Acq: 23 Sep 2021 10:24

Tgt Ion:101 Resp: 179609
Ion Ratio Lower Upper
101 100
103 63.6 50.9 76.3





#10

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

Concen: 54.072 ug/L

RT: 2.581 min Scan# 386

Delta R.T. 0.000 min

Lab File: VU044774.D

Acq: 23 Sep 2021 10:24

Tgt Ion:101 Resp: 112334

Ion Ratio Lower Upper

101 100

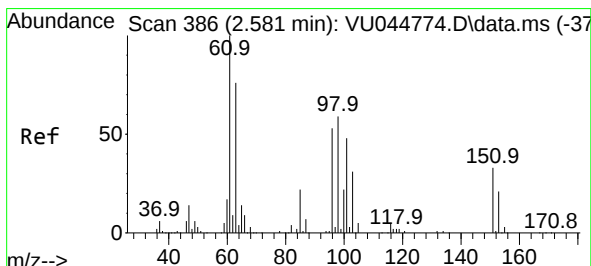
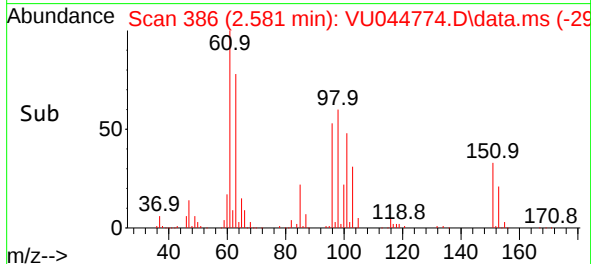
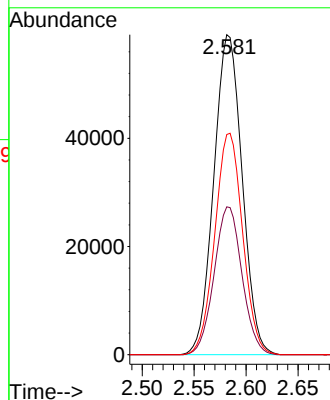
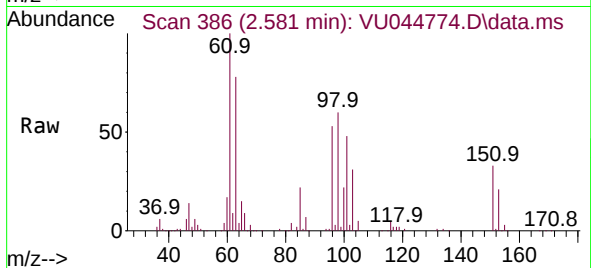
85 45.5 36.4 54.6

151 68.0 54.4 81.6

Instrument :

MSVOA_U

ClientSampleId :



#12

1,1-Dichloroethene

Concen: 52.072 ug/L

RT: 2.581 min Scan# 386

Delta R.T. 0.000 min

Lab File: VU044774.D

Acq: 23 Sep 2021 10:24

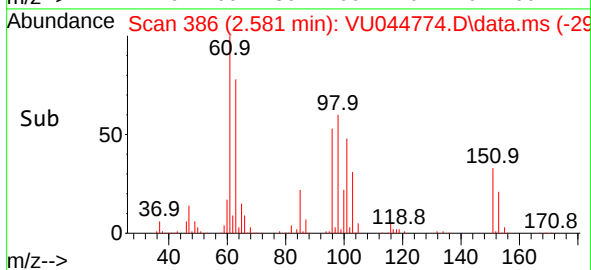
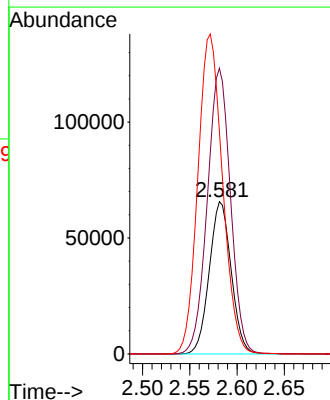
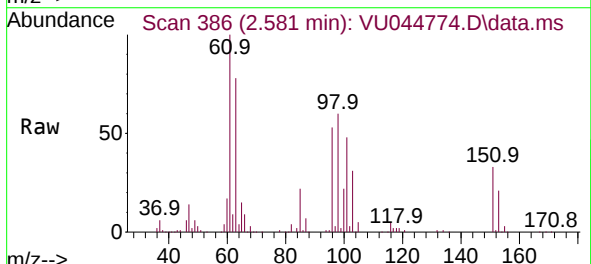
Tgt Ion: 96 Resp: 105793

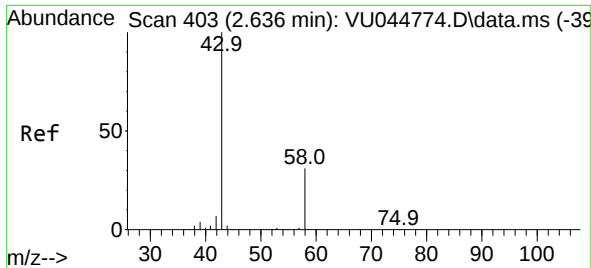
Ion Ratio Lower Upper

96 100

61 187.6 131.3 243.9

63 146.4 102.5 190.3

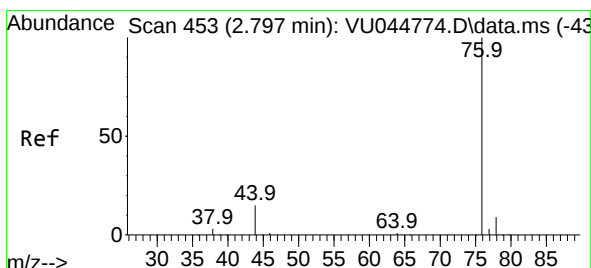
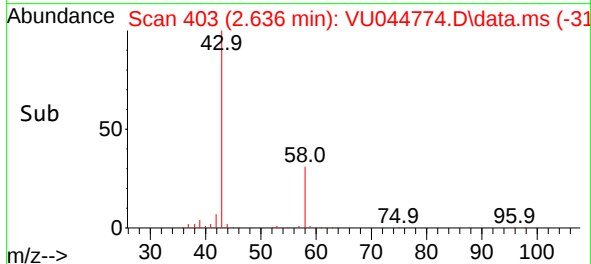
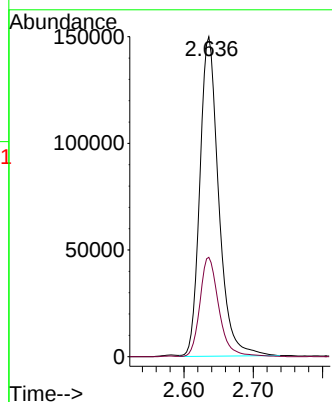
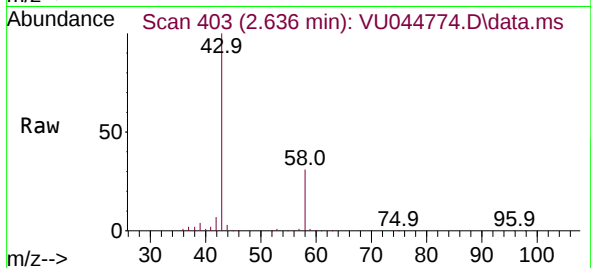




#13
Acetone
Concen: 179.777 ug/L
RT: 2.636 min Scan# 403
Delta R.T. 0.000 min
Lab File: VU044774.D
Acq: 23 Sep 2021 10:24

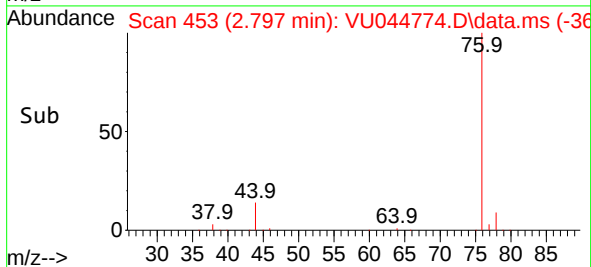
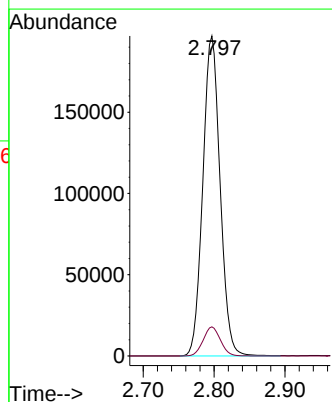
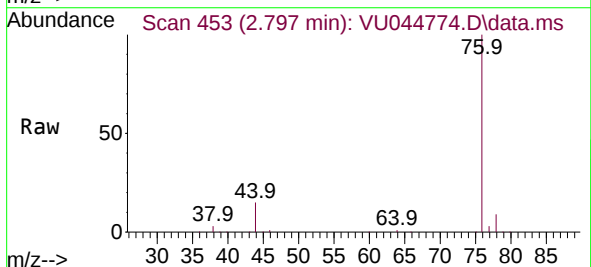
Instrument :
MSVOA_U
ClientSampleId :

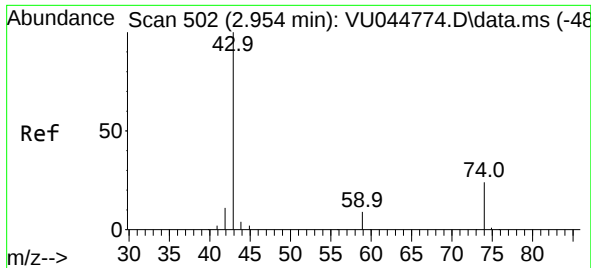
Tgt Ion: 43 Resp: 282967
Ion Ratio Lower Upper
43 100
58 31.4 0.0 62.8



#14
Carbon disulfide
Concen: 51.915 ug/L
RT: 2.797 min Scan# 453
Delta R.T. 0.000 min
Lab File: VU044774.D
Acq: 23 Sep 2021 10:24

Tgt Ion: 76 Resp: 332996
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9

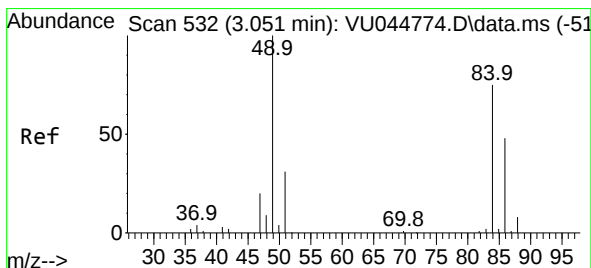
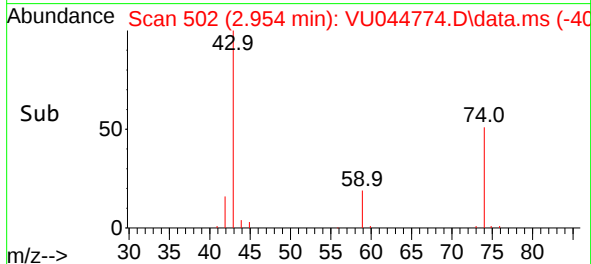
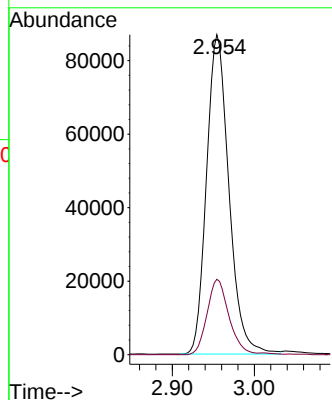
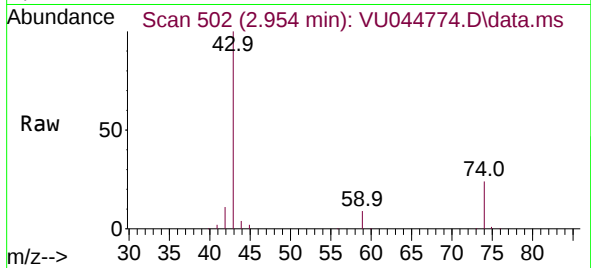




#15
Methyl Acetate
Concen: 56.005 ug/L
RT: 2.954 min Scan# 502
Delta R.T. 0.000 min
Lab File: VU044774.D
Acq: 23 Sep 2021 10:24

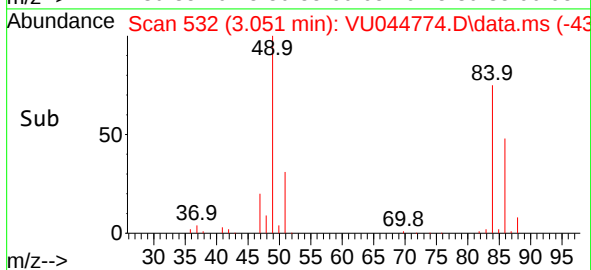
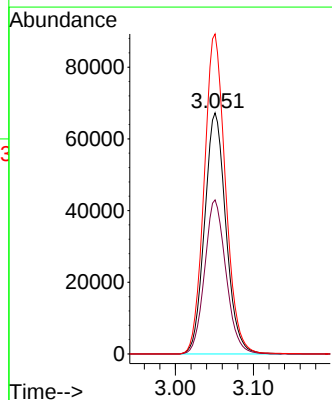
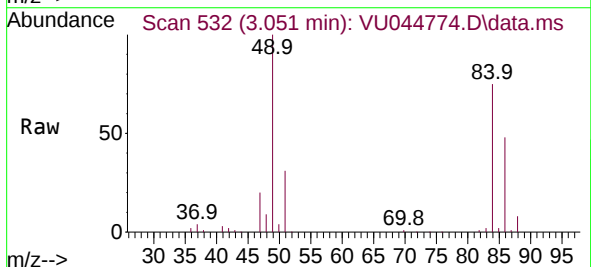
Instrument :
MSVOA_U
ClientSampled :

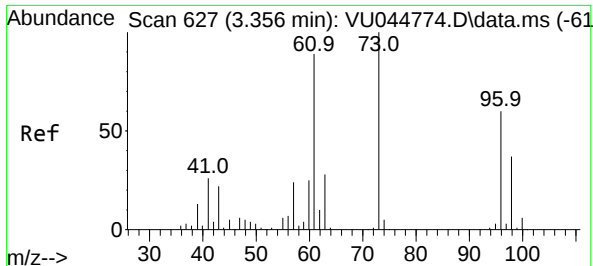
Tgt Ion: 43 Resp: 165063
Ion Ratio Lower Upper
43 100
74 23.0 18.4 27.6



#16
Methylene chloride
Concen: 42.581 ug/L
RT: 3.051 min Scan# 532
Delta R.T. 0.000 min
Lab File: VU044774.D
Acq: 23 Sep 2021 10:24

Tgt Ion: 84 Resp: 128188
Ion Ratio Lower Upper
84 100
86 63.9 44.7 83.1
49 132.7 92.9 172.5



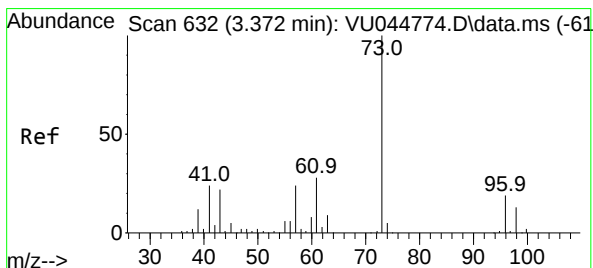
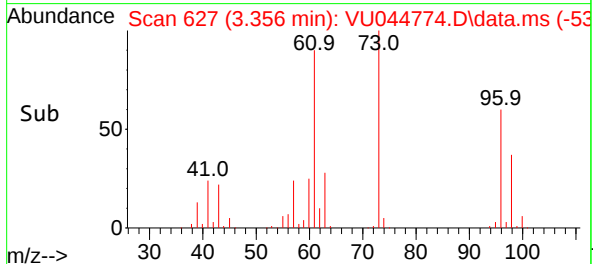
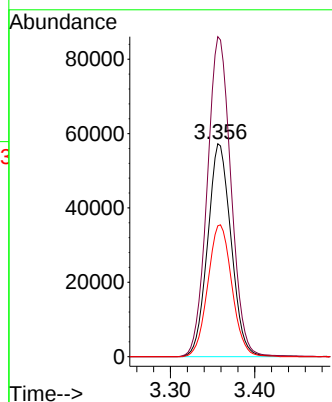
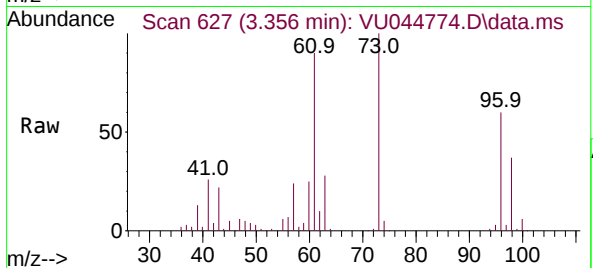


#17

trans-1,2-Dichloroethene
Concen: 52.593 ug/L
RT: 3.356 min Scan# 627
Delta R.T. 0.000 min
Lab File: VU044774.D
Acq: 23 Sep 2021 10:24

Instrument :
MSVOA_U
ClientSampled :

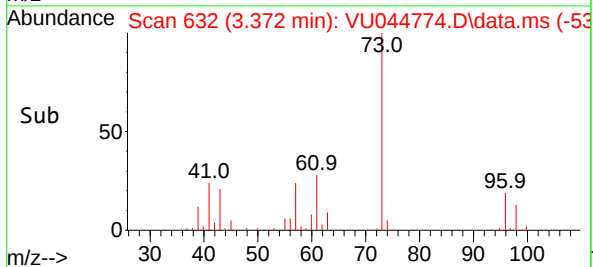
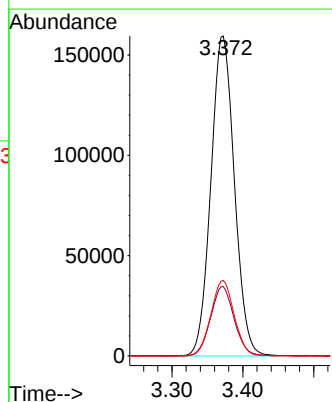
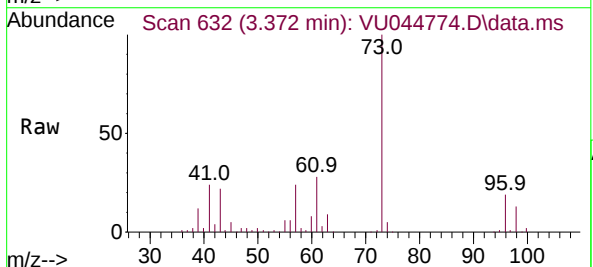
Tgt Ion: 96 Resp: 110651
Ion Ratio Lower Upper
96 100
61 150.2 105.1 195.3
98 61.4 43.0 79.8

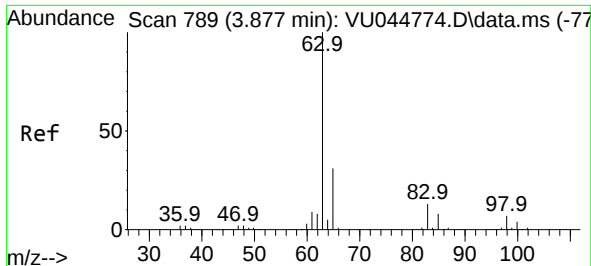


#18

Methyl tert-butyl Ether
Concen: 56.508 ug/L
RT: 3.372 min Scan# 632
Delta R.T. 0.000 min
Lab File: VU044774.D
Acq: 23 Sep 2021 10:24

Tgt Ion: 73 Resp: 367747
Ion Ratio Lower Upper
73 100
43 21.6 17.3 25.9
57 23.4 18.7 28.1





#19

1,1-Dichloroethane

Concen: 54.932 ug/L

RT: 3.877 min Scan# 789

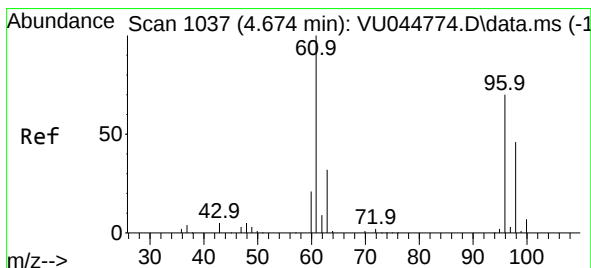
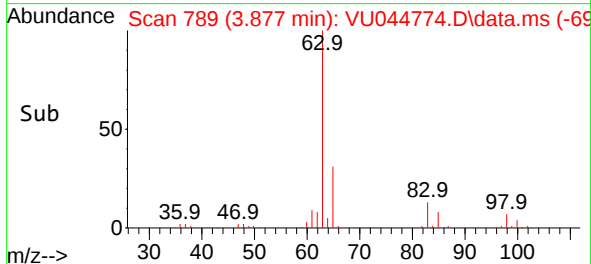
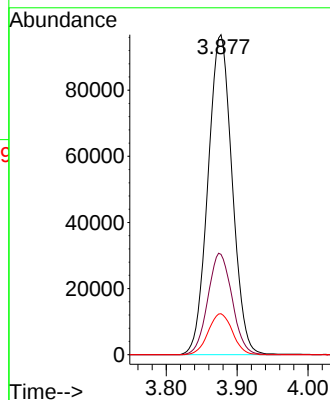
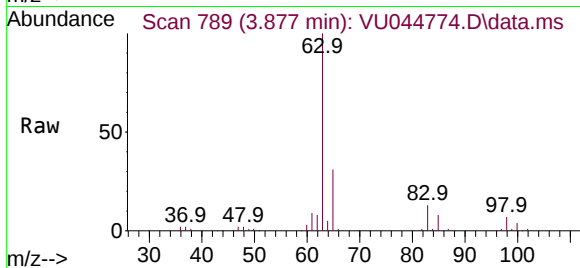
Delta R.T. 0.000 min

Lab File: VU044774.D

Acq: 23 Sep 2021 10:24

Tgt Ion: 63 Resp: 229023

Ion	Ratio	Lower	Upper
63	100		
65	31.4	22.0	40.8
83	12.8	9.0	16.6



#20

cis-1,2-Dichloroethene

Concen: 52.806 ug/L

RT: 4.674 min Scan# 1037

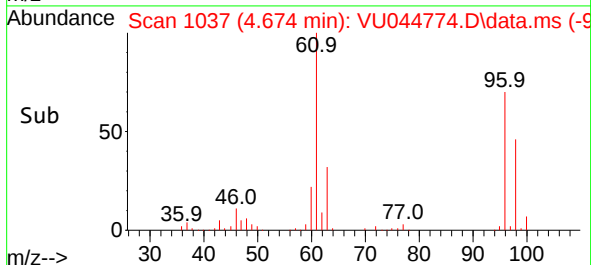
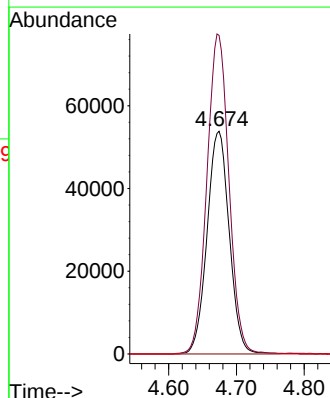
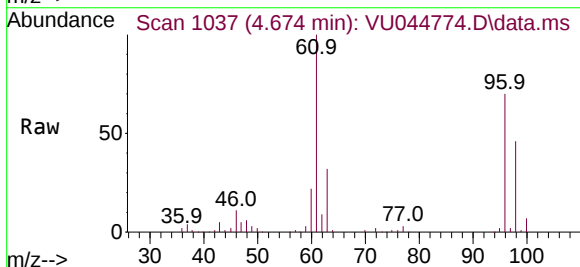
Delta R.T. 0.000 min

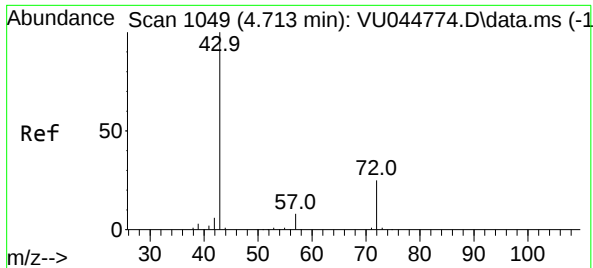
Lab File: VU044774.D

Acq: 23 Sep 2021 10:24

Tgt Ion: 96 Resp: 122374

Ion	Ratio	Lower	Upper
96	100		
61	143.1	100.2	186.0
68	0.0	0.0	0.0

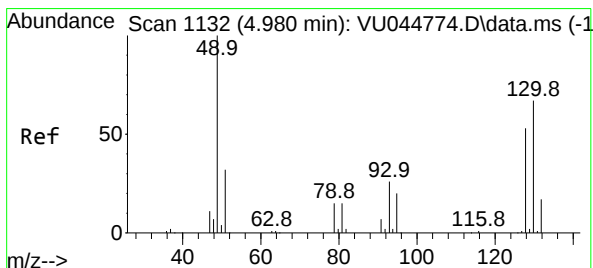
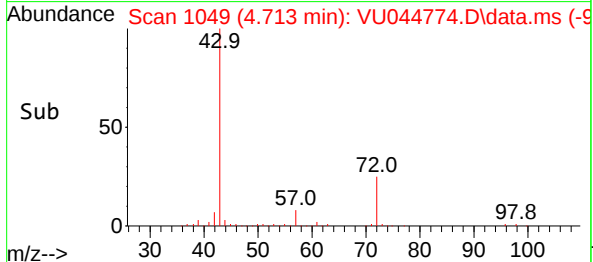
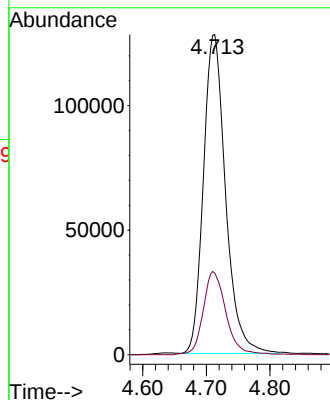
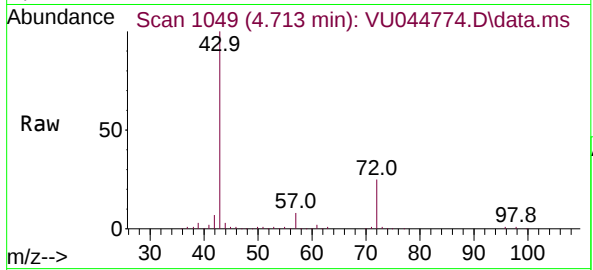




#22
2-Butanone
Concen: 136.190 ug/L
RT: 4.713 min Scan# 1049
Delta R.T. 0.000 min
Lab File: VU044774.D
Acq: 23 Sep 2021 10:24

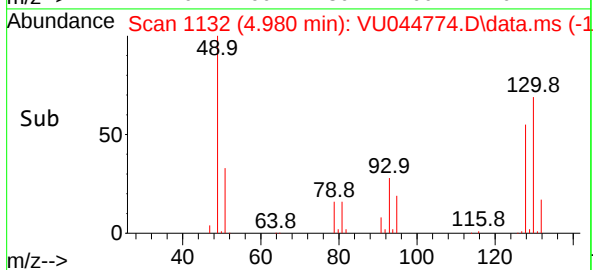
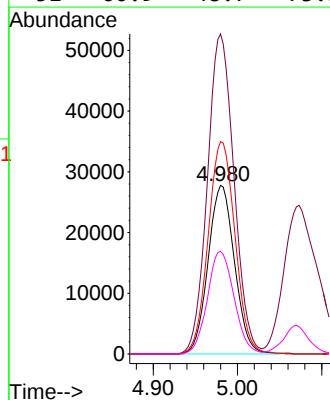
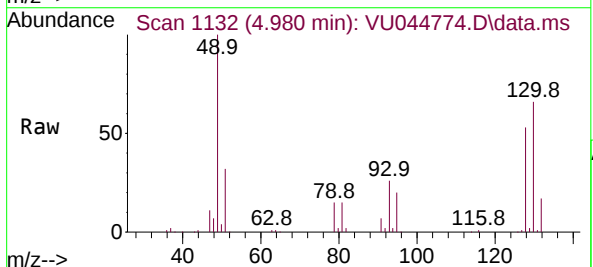
Instrument :
MSVOA_U
ClientSampled :

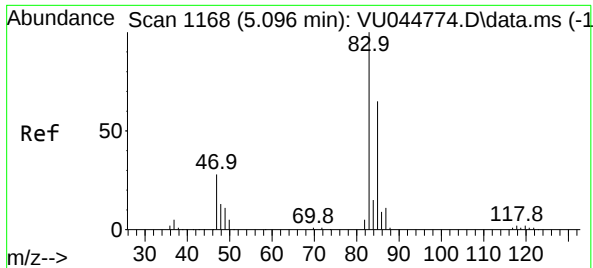
Tgt Ion: 43 Resp: 309352
Ion Ratio Lower Upper
43 100
72 26.6 13.3 39.9



#23
Bromochloromethane
Concen: 48.765 ug/L
RT: 4.980 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VU044774.D
Acq: 23 Sep 2021 10:24

Tgt Ion:128 Resp: 60476
Ion Ratio Lower Upper
128 100
49 189.8 132.9 246.7
130 126.0 88.2 163.8
51 60.9 48.7 73.1

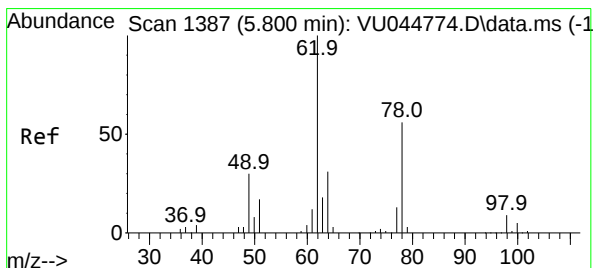
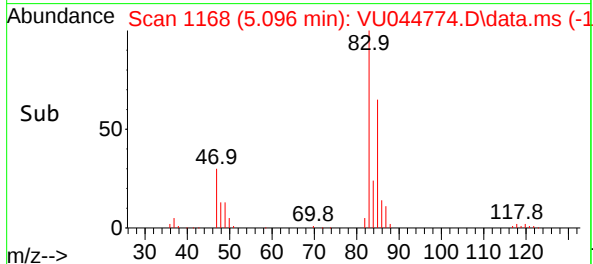
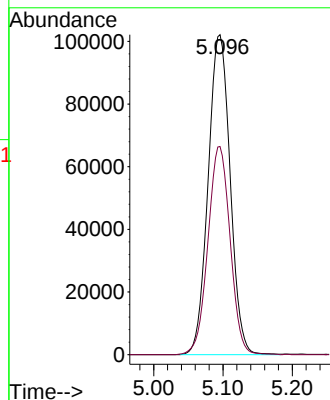
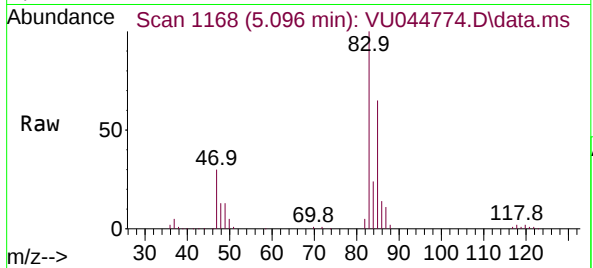




#25
Chloroform
Concen: 55.121 ug/L
RT: 5.096 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VU044774.D
Acq: 23 Sep 2021 10:24

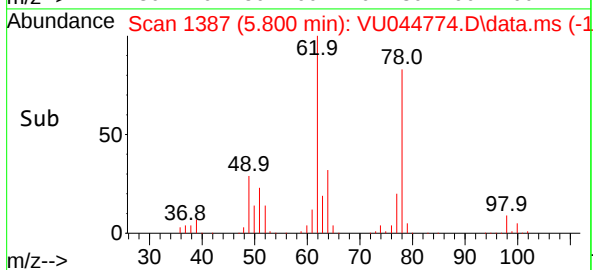
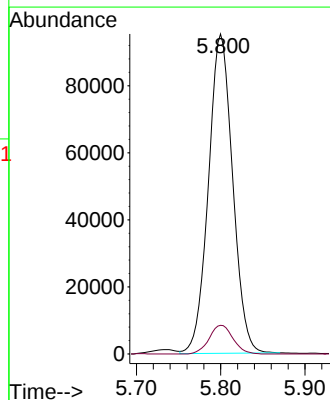
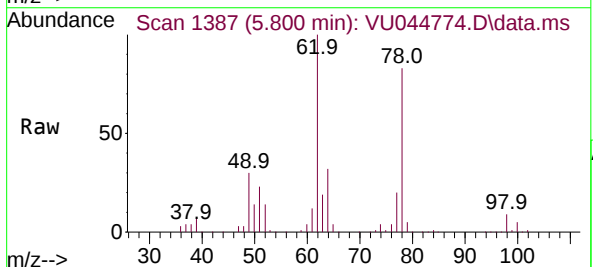
Instrument :
MSVOA_U
ClientSampled :

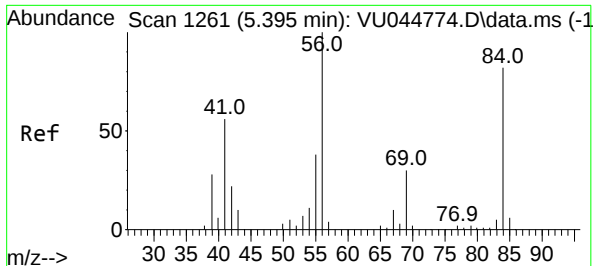
Tgt Ion: 83 Resp: 225412
Ion Ratio Lower Upper
83 100
85 65.1 45.6 84.6



#27
1,2-Dichloroethane
Concen: 59.136 ug/L
RT: 5.800 min Scan# 1387
Delta R.T. 0.000 min
Lab File: VU044774.D
Acq: 23 Sep 2021 10:24

Tgt Ion: 62 Resp: 190315
Ion Ratio Lower Upper
62 100
98 8.9 7.1 10.7





#29

Cyclohexane

Concen: 57.002 ug/L

RT: 5.395 min Scan# 1261

Delta R.T. 0.000 min

Lab File: VU044774.D

Acq: 23 Sep 2021 10:24

Tgt Ion: 56 Resp: 209111

Ion Ratio Lower Upper

56 100

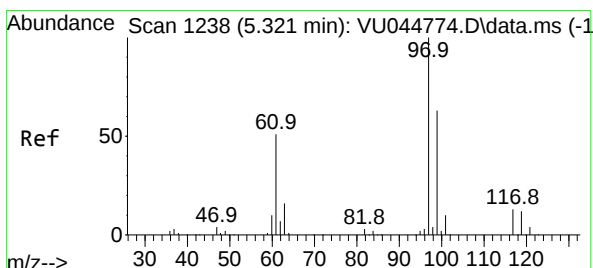
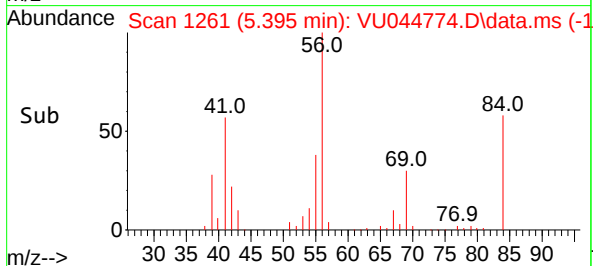
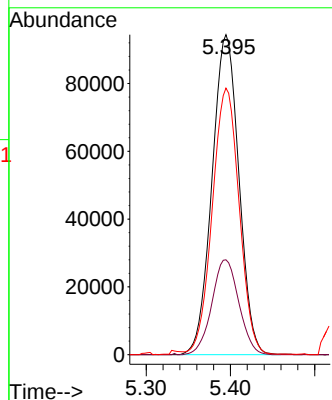
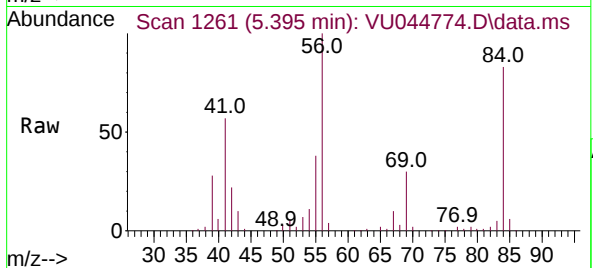
69 29.8 23.8 35.8

84 83.5 66.8 100.2

Instrument :

MSVOA_U

ClientSampled :



#30

1,1,1-Trichloroethane

Concen: 55.883 ug/L

RT: 5.321 min Scan# 1238

Delta R.T. 0.000 min

Lab File: VU044774.D

Acq: 23 Sep 2021 10:24

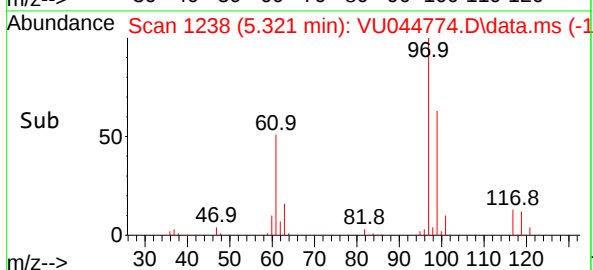
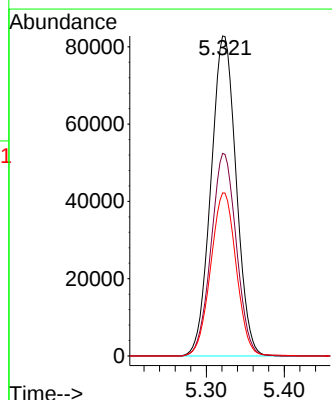
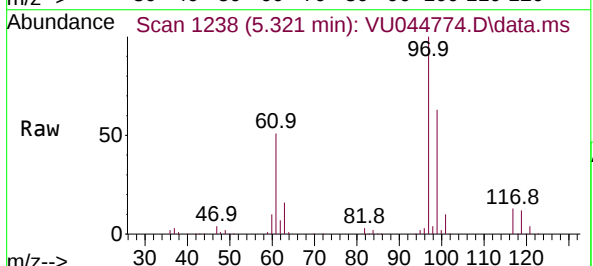
Tgt Ion: 97 Resp: 186432

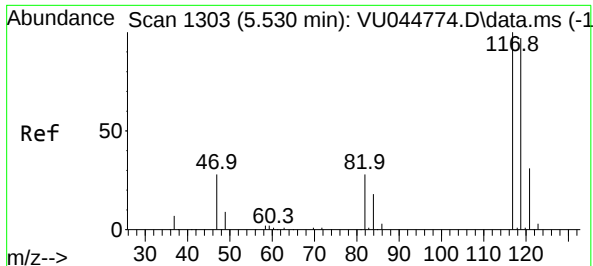
Ion Ratio Lower Upper

97 100

99 63.2 50.6 75.8

61 51.6 41.3 61.9

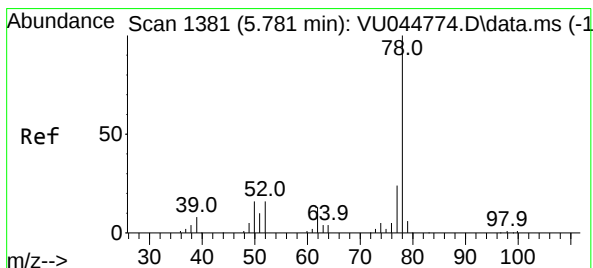
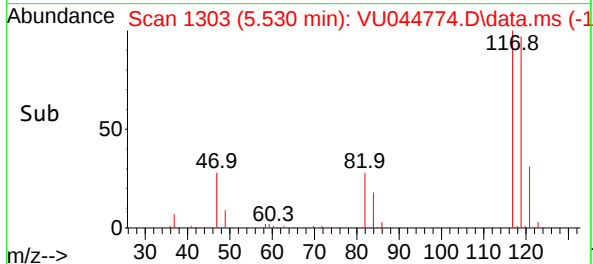
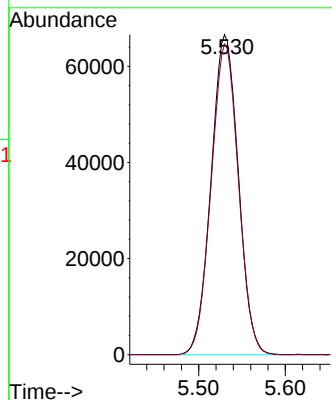
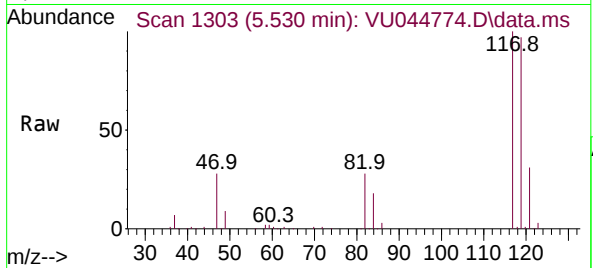




#31
Carbon tetrachloride
Concen: 53.918 ug/L
RT: 5.530 min Scan# 1303
Delta R.T. 0.000 min
Lab File: VU044774.D
Acq: 23 Sep 2021 10:24

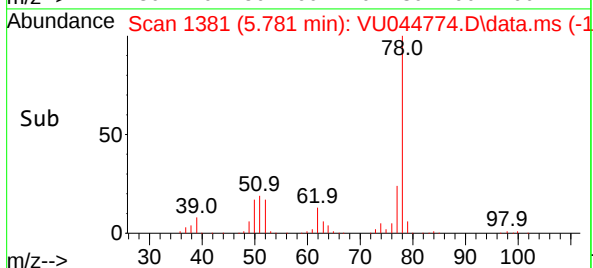
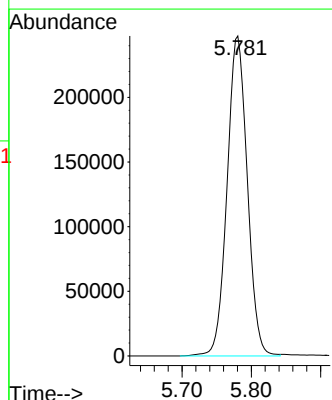
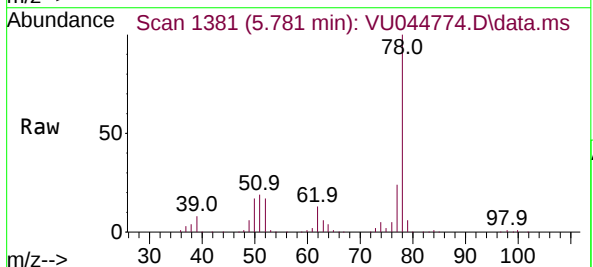
Instrument :
MSVOA_U
ClientSampled :

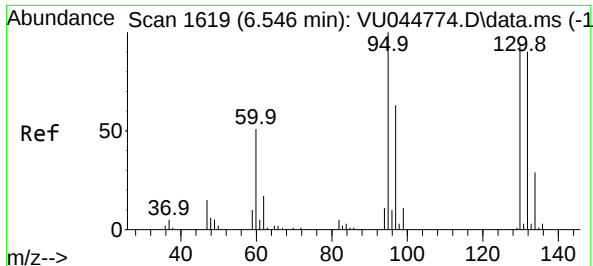
Tgt Ion:117 Resp: 145654
Ion Ratio Lower Upper
117 100
119 97.1 77.7 116.5



#33
Benzene
Concen: 54.287 ug/L
RT: 5.781 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VU044774.D
Acq: 23 Sep 2021 10:24

Tgt Ion: 78 Resp: 501271

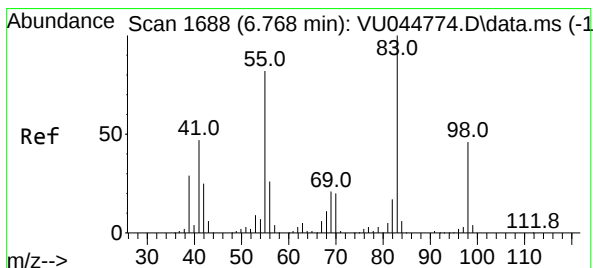
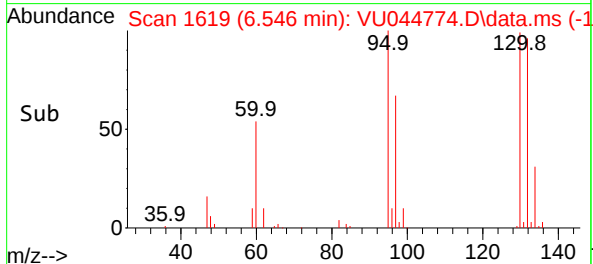
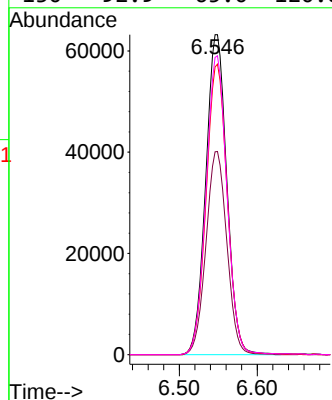
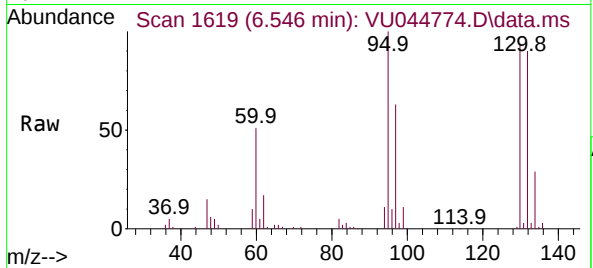




#34
Trichloroethene
Concen: 52.971 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU044774.D
Acq: 23 Sep 2021 10:24

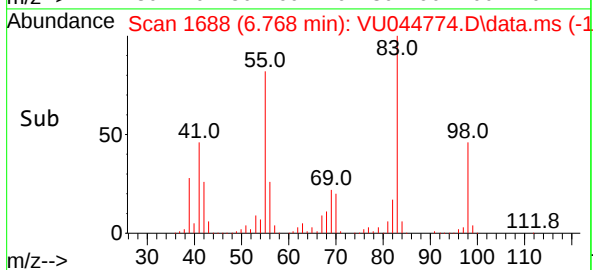
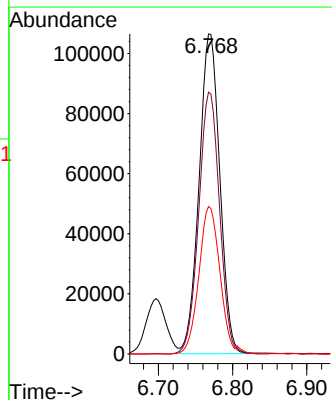
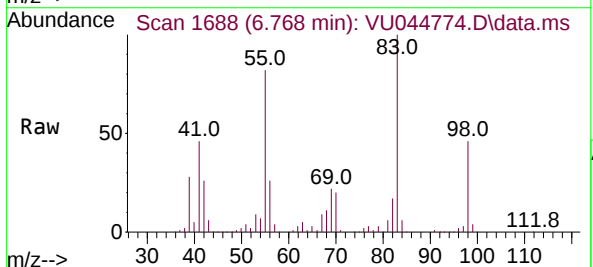
Instrument :
MSVOA_U
ClientSampleId :

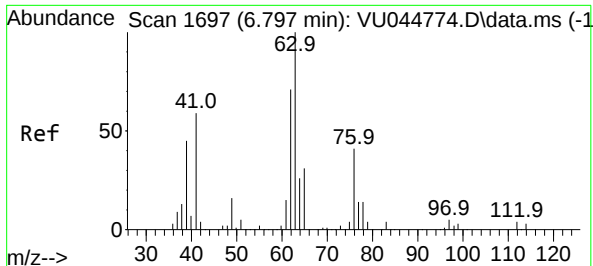
Tgt Ion: 95 Resp: 118674
Ion Ratio Lower Upper
95 100
97 63.4 44.4 82.4
132 89.9 62.9 116.9
130 92.9 65.0 120.8



#35
Methylcyclohexane
Concen: 57.417 ug/L
RT: 6.768 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VU044774.D
Acq: 23 Sep 2021 10:24

Tgt Ion: 83 Resp: 206465
Ion Ratio Lower Upper
83 100
55 82.2 65.8 98.6
98 46.4 37.1 55.7



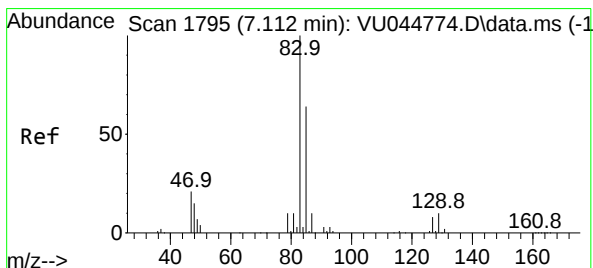
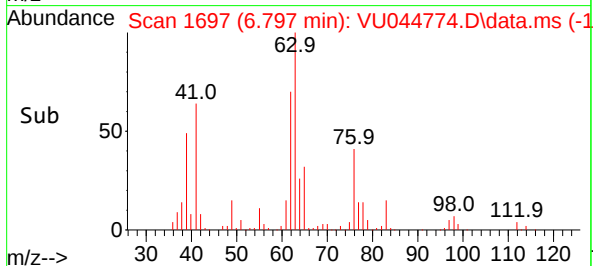
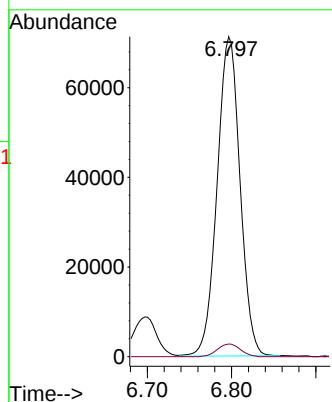
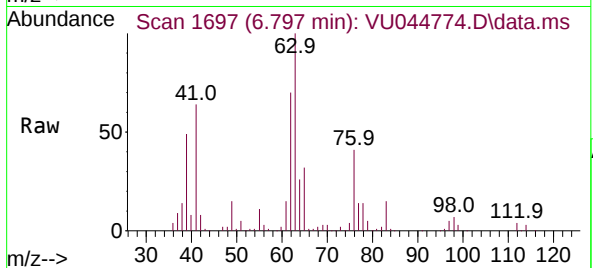


#37

1,2-Dichloropropane
Concen: 53.236 ug/L
RT: 6.797 min Scan# 1697
Delta R.T. 0.000 min
Lab File: VU044774.D
Acq: 23 Sep 2021 10:24

Instrument :
MSVOA_U
ClientSampled :

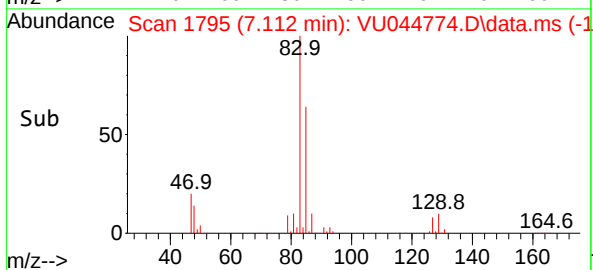
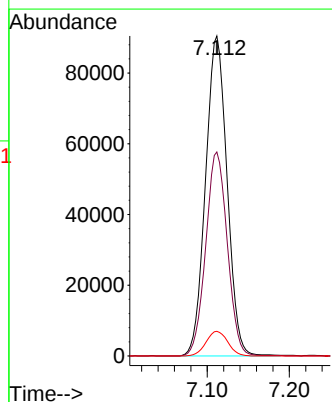
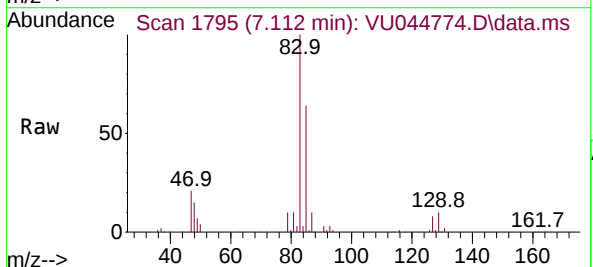
Tgt Ion: 63 Resp: 134297
Ion Ratio Lower Upper
63 100
112 4.0 3.2 4.8

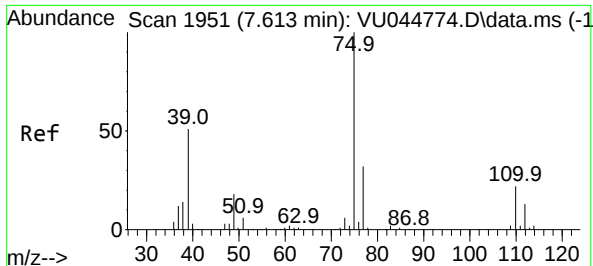


#38

Bromodichloromethane
Concen: 54.828 ug/L
RT: 7.112 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VU044774.D
Acq: 23 Sep 2021 10:24

Tgt Ion: 83 Resp: 164905
Ion Ratio Lower Upper
83 100
85 63.7 44.6 82.8
127 7.7 6.2 9.2



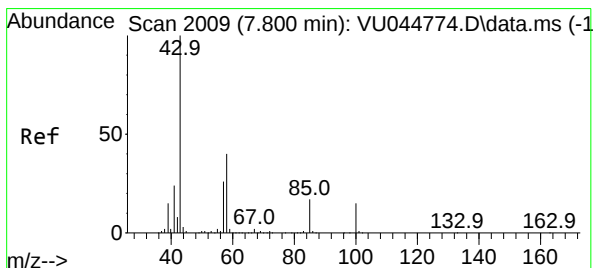
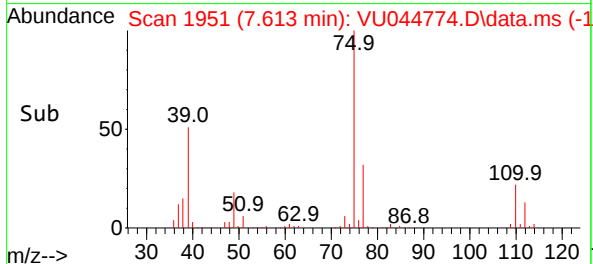
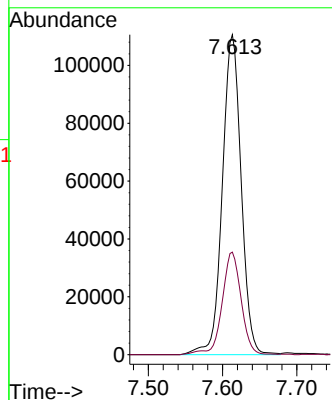
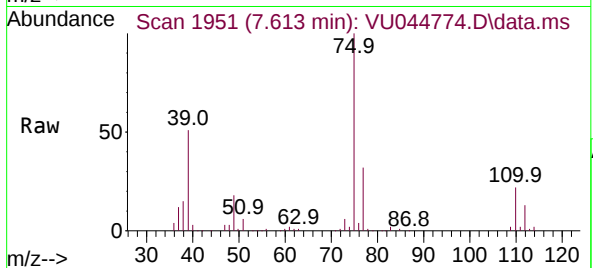


#39

cis-1,3-Dichloropropene
Concen: 56.212 ug/L
RT: 7.613 min Scan# 1951
Delta R.T. 0.000 min
Lab File: VU044774.D
Acq: 23 Sep 2021 10:24

Instrument :
MSVOA_U
ClientSampleId :

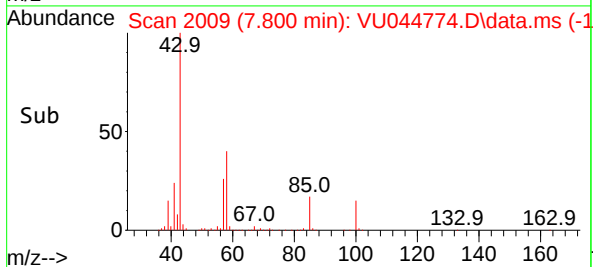
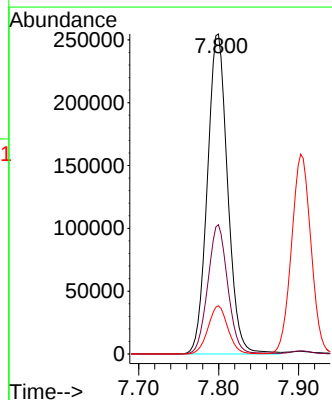
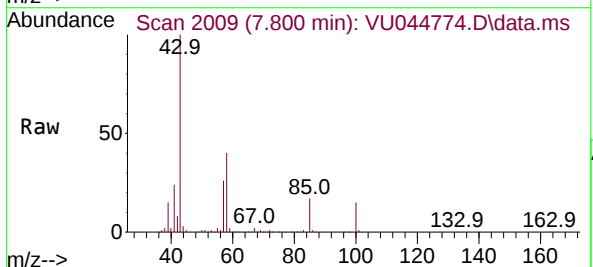
Tgt Ion: 75 Resp: 195288
Ion Ratio Lower Upper
75 100
77 32.0 22.4 41.6

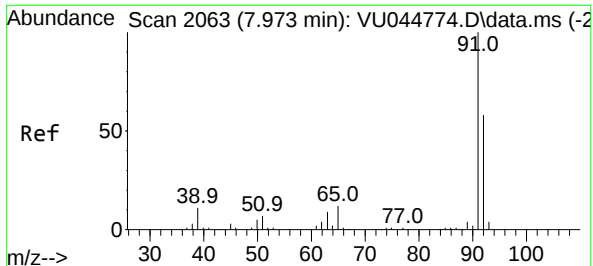


#40

4-Methyl-2-pentanone
Concen: 115.803 ug/L
RT: 7.800 min Scan# 2009
Delta R.T. 0.000 min
Lab File: VU044774.D
Acq: 23 Sep 2021 10:24

Tgt Ion: 43 Resp: 449164
Ion Ratio Lower Upper
43 100
58 39.8 31.8 47.8
100 14.7 11.8 17.6





#42

Toluene

Concen: 53.785 ug/L

RT: 7.973 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VU044774.D

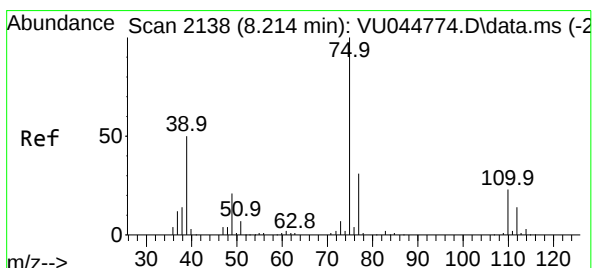
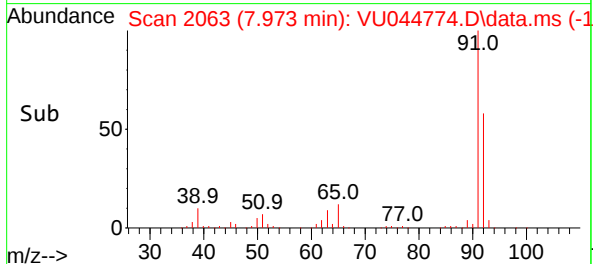
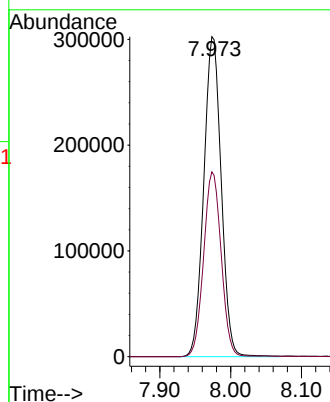
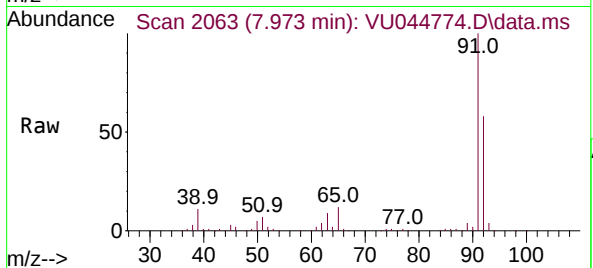
Acq: 23 Sep 2021 10:24

Tgt Ion: 91 Resp: 516563

Ion Ratio Lower Upper

91 100

92 57.8 40.5 75.1



#44

trans-1,3-Dichloropropene

Concen: 56.837 ug/L

RT: 8.214 min Scan# 2138

Delta R.T. 0.000 min

Lab File: VU044774.D

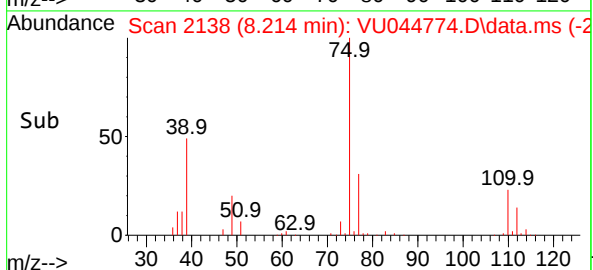
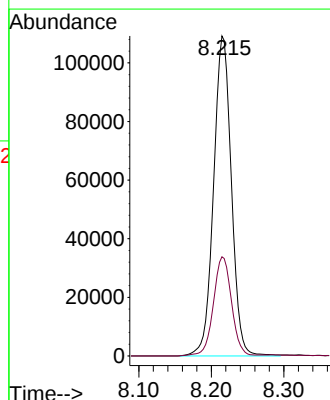
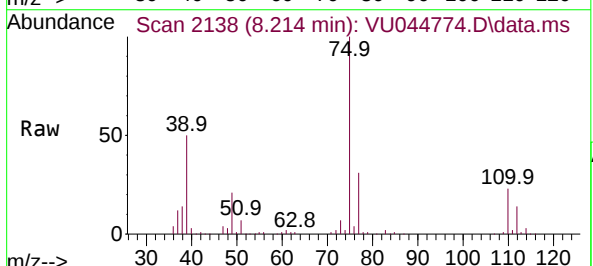
Acq: 23 Sep 2021 10:24

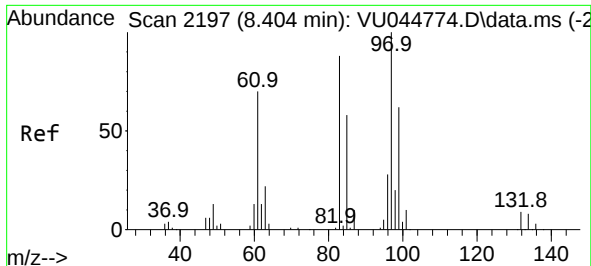
Tgt Ion: 75 Resp: 186307

Ion Ratio Lower Upper

75 100

77 31.0 21.7 40.3





#45

1,1,2-Trichloroethane

Concen: 52.273 ug/L

RT: 8.404 min Scan# 2197

Delta R.T. 0.000 min

Lab File: VU044774.D

Acq: 23 Sep 2021 10:24

Tgt Ion: 97 Resp: 120889

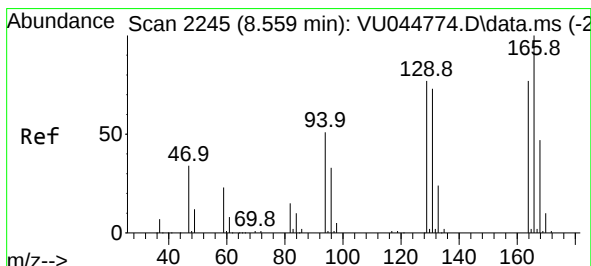
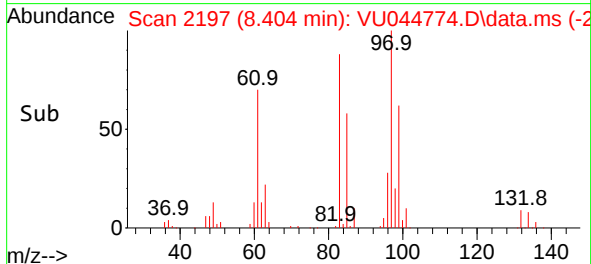
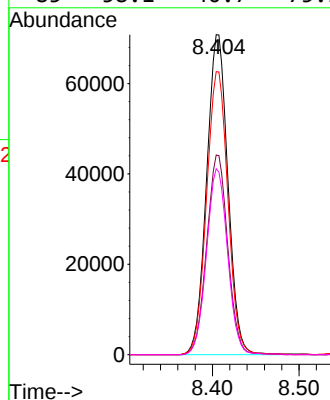
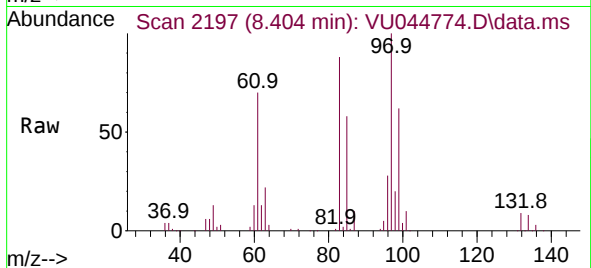
Ion Ratio Lower Upper

97 100

99 62.4 43.7 81.1

83 88.5 61.9 115.1

85 58.1 40.7 75.5



#46

Tetrachloroethene

Concen: 48.847 ug/L

RT: 8.559 min Scan# 2245

Delta R.T. 0.000 min

Lab File: VU044774.D

Acq: 23 Sep 2021 10:24

Tgt Ion: 164 Resp: 84078

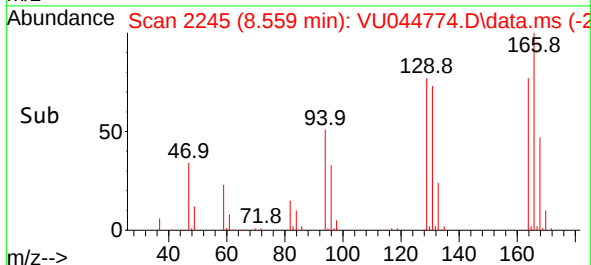
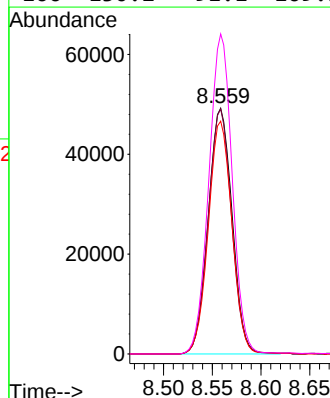
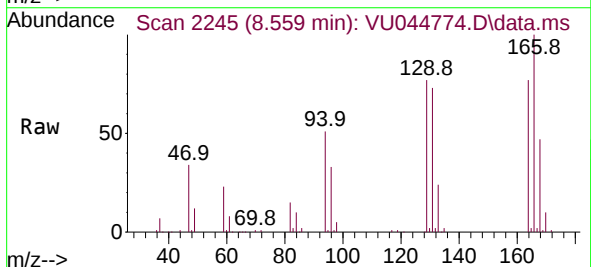
Ion Ratio Lower Upper

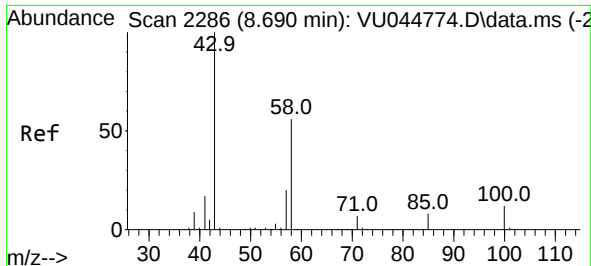
164 100

129 99.7 69.8 129.6

131 94.8 66.4 123.2

166 130.2 91.1 169.3

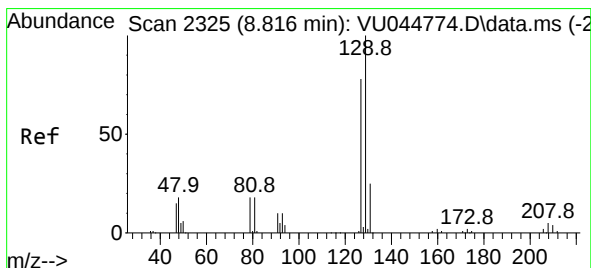
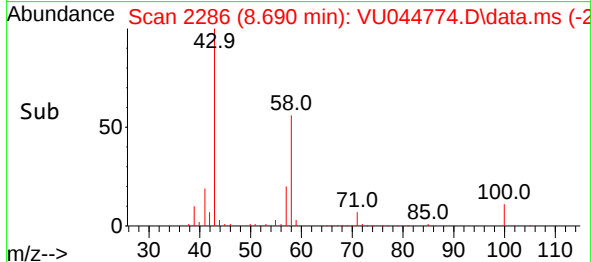
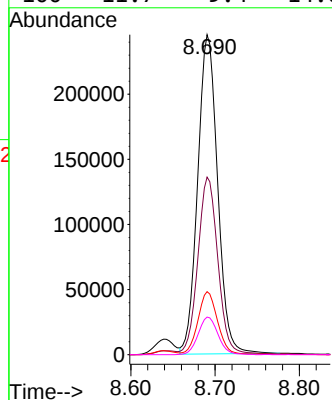
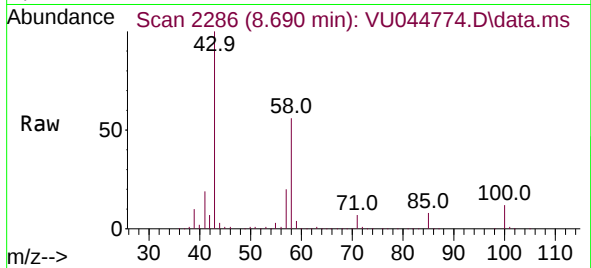




#48
2-Hexanone
Concen: 126.685 ug/L
RT: 8.690 min Scan# 2286
Delta R.T. 0.000 min
Lab File: VU044774.D
Acq: 23 Sep 2021 10:24

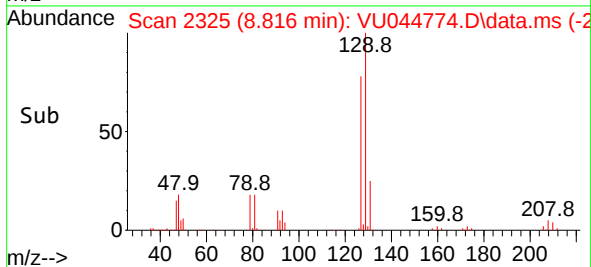
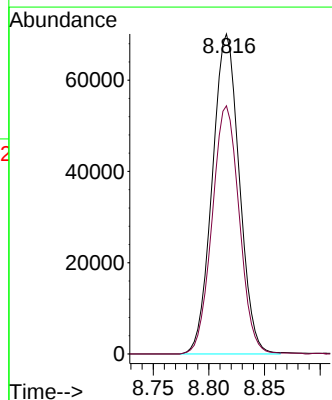
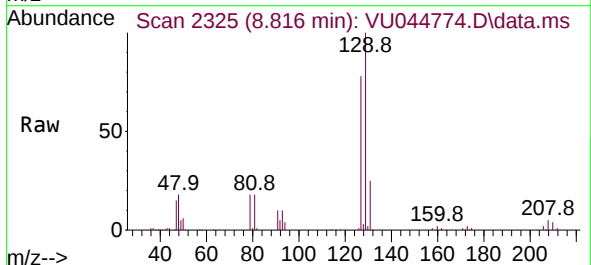
Instrument :
MSVOA_U
ClientSampled :

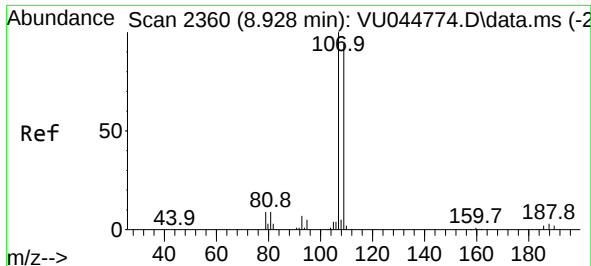
Tgt Ion:	43	Resp:	404334
Ion	Ratio	Lower	Upper
43	100		
58	56.1	44.9	67.3
57	19.4	15.5	23.3
100	11.7	9.4	14.0



#49
Dibromochloromethane
Concen: 50.396 ug/L
RT: 8.816 min Scan# 2325
Delta R.T. 0.000 min
Lab File: VU044774.D
Acq: 23 Sep 2021 10:24

Tgt Ion:	129	Resp:	118454
Ion	Ratio	Lower	Upper
129	100		
127	77.5	54.3	100.8

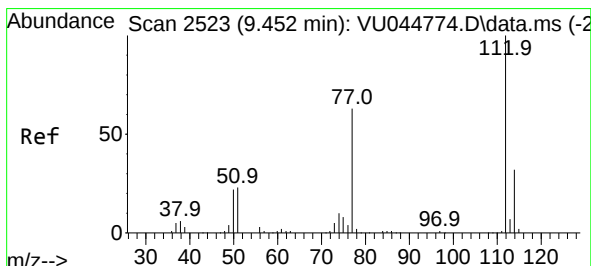
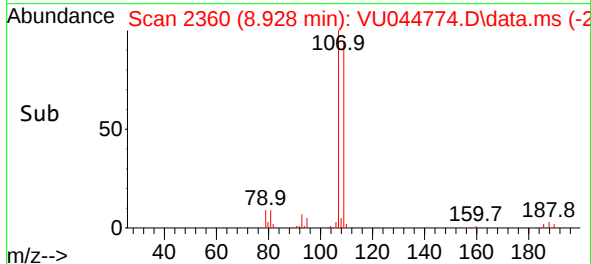
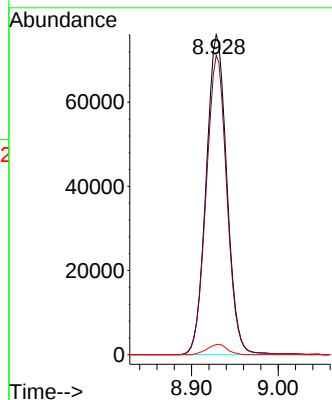
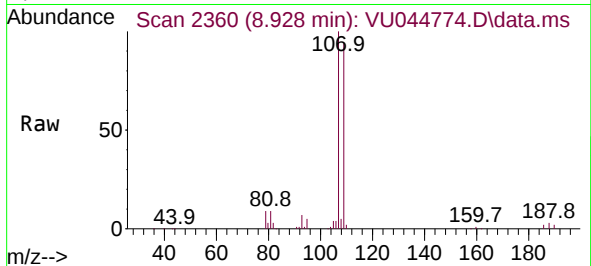




#50
1,2-Dibromoethane
Concen: 52.545 ug/L
RT: 8.928 min Scan# 2360
Delta R.T. 0.000 min
Lab File: VU044774.D
Acq: 23 Sep 2021 10:24

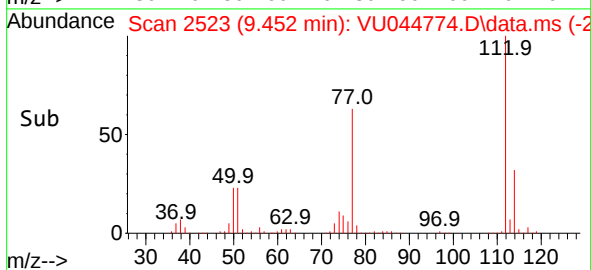
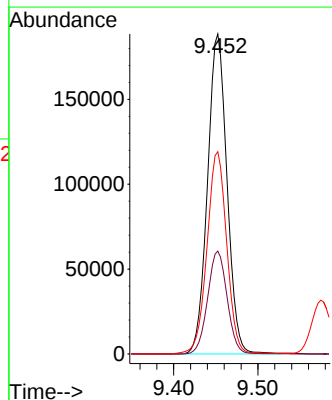
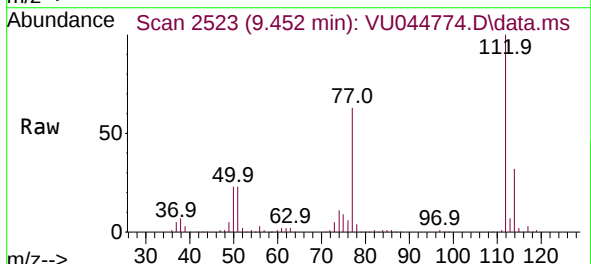
Instrument :
MSVOA_U
ClientSampled :

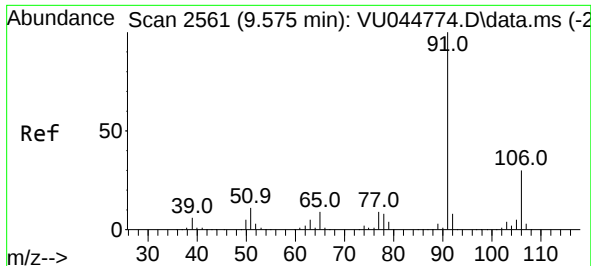
Tgt Ion:107 Resp: 126342
Ion Ratio Lower Upper
107 100
109 93.5 65.5 121.6
188 3.2 2.6 3.8



#51
Chlorobenzene
Concen: 51.163 ug/L
RT: 9.452 min Scan# 2523
Delta R.T. 0.000 min
Lab File: VU044774.D
Acq: 23 Sep 2021 10:24

Tgt Ion:112 Resp: 303078
Ion Ratio Lower Upper
112 100
114 32.2 22.5 41.9
77 63.2 50.6 75.8

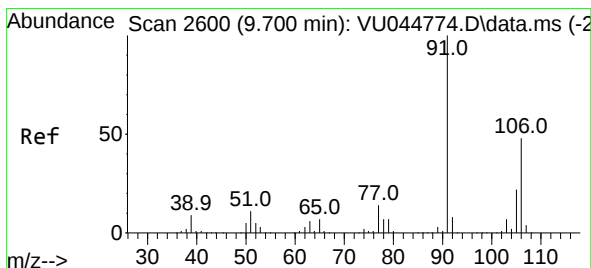
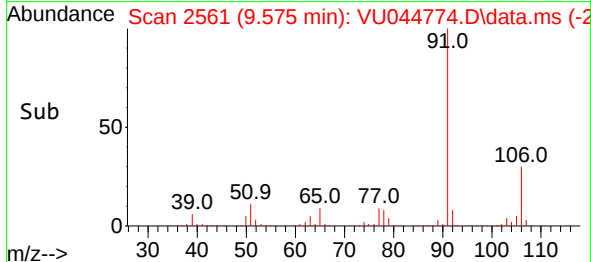
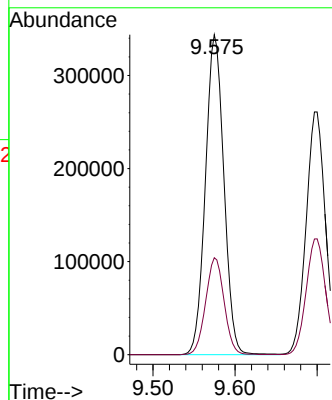
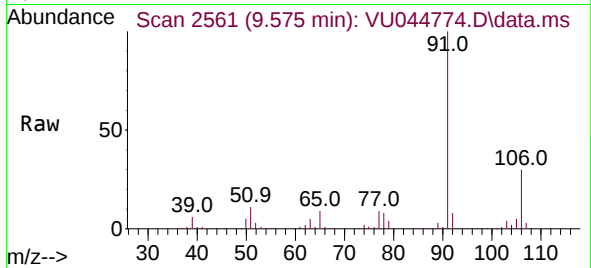




#52
Ethylbenzene
Concen: 54.059 ug/L
RT: 9.575 min Scan# 2561
Delta R.T. 0.000 min
Lab File: VU044774.D
Acq: 23 Sep 2021 10:24

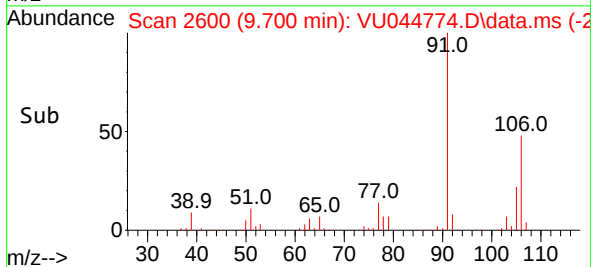
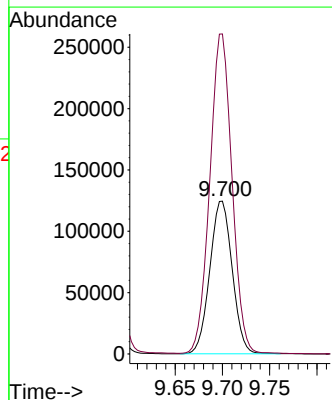
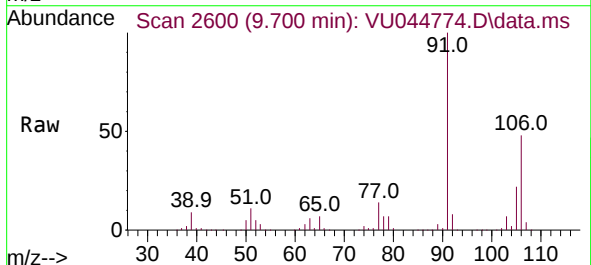
Instrument :
MSVOA_U
ClientSampled :

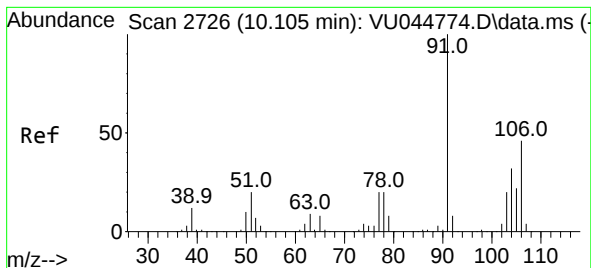
Tgt Ion: 91 Resp: 536742
Ion Ratio Lower Upper
91 100
106 30.3 21.2 39.4



#53
m,p-Xylene
Concen: 54.621 ug/L
RT: 9.700 min Scan# 2600
Delta R.T. 0.000 min
Lab File: VU044774.D
Acq: 23 Sep 2021 10:24

Tgt Ion: 106 Resp: 204992
Ion Ratio Lower Upper
106 100
91 209.5 146.7 272.4





#54

o-xylene

Concen: 54.645 ug/L

RT: 10.105 min Scan# 2726

Delta R.T. 0.000 min

Lab File: VU044774.D

Acq: 23 Sep 2021 10:24

Tgt Ion:106 Resp: 203533

Ion Ratio Lower Upper

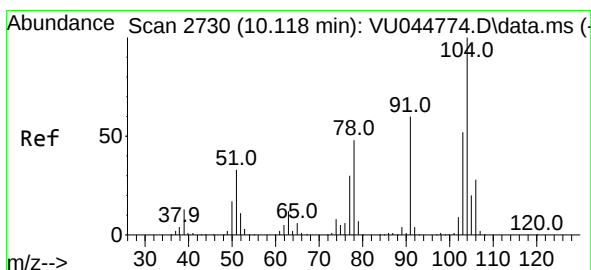
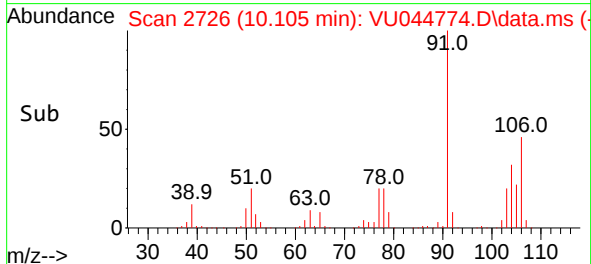
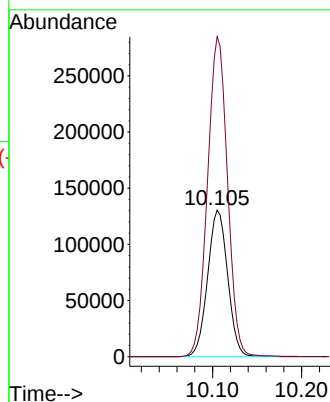
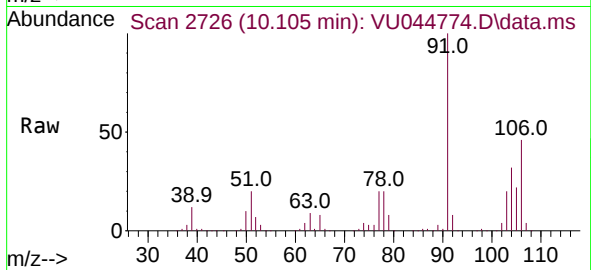
106 100

91 218.4 152.9 283.9

Instrument :

MSVOA_U

ClientSampleId :



#55

Styrene

Concen: 55.882 ug/L

RT: 10.118 min Scan# 2730

Delta R.T. 0.000 min

Lab File: VU044774.D

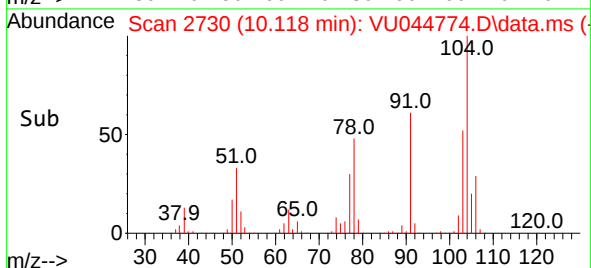
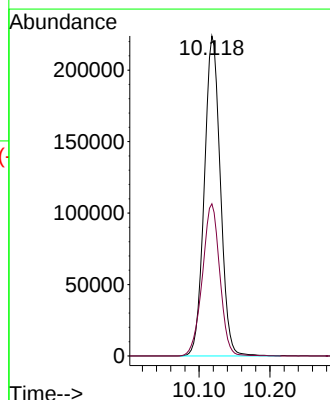
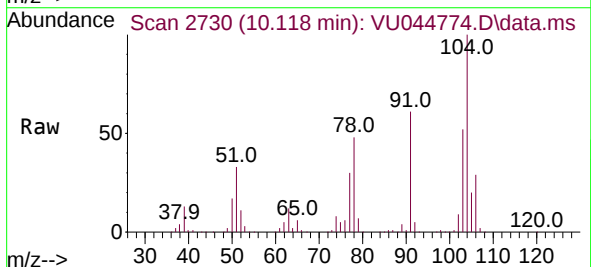
Acq: 23 Sep 2021 10:24

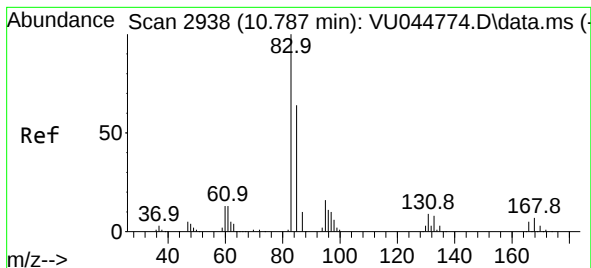
Tgt Ion:104 Resp: 351782

Ion Ratio Lower Upper

104 100

78 47.6 33.3 61.9

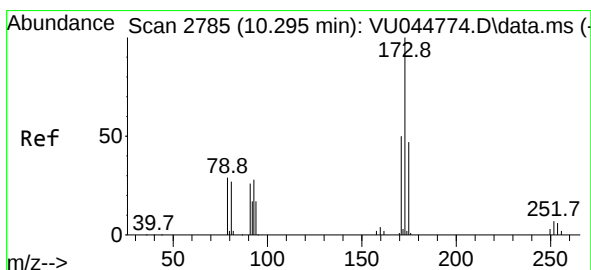
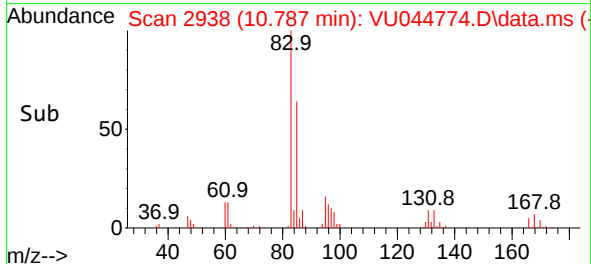
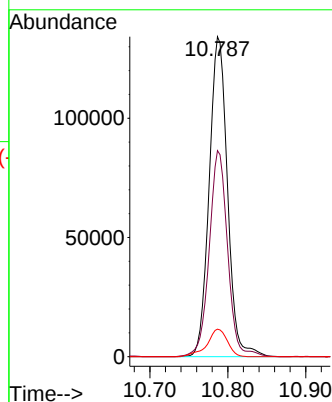
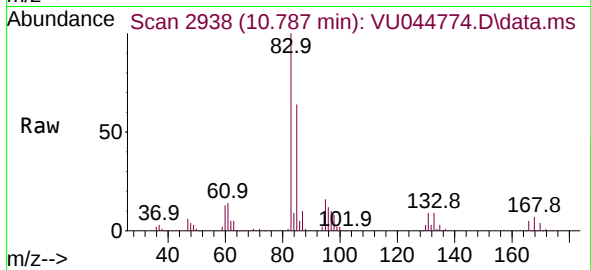




#57
1,1,2,2-Tetrachloroethane
Concen: 51.663 ug/L
RT: 10.787 min Scan# 2938
Delta R.T. 0.000 min
Lab File: VU044774.D
Acq: 23 Sep 2021 10:24

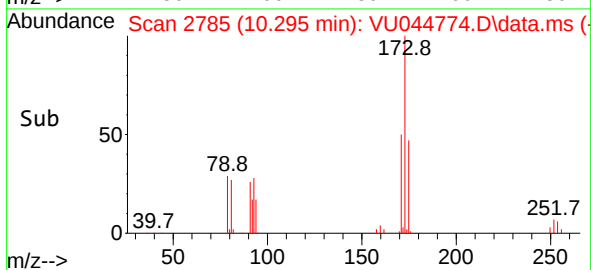
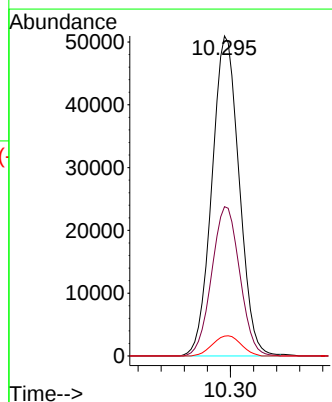
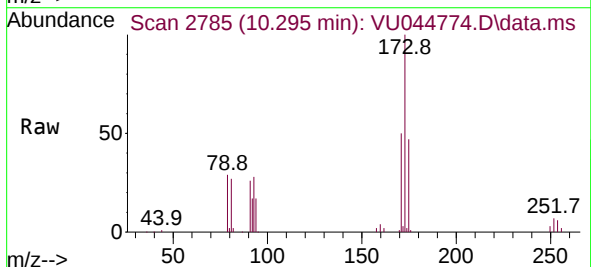
Instrument :
MSVOA_U
ClientSampleId :

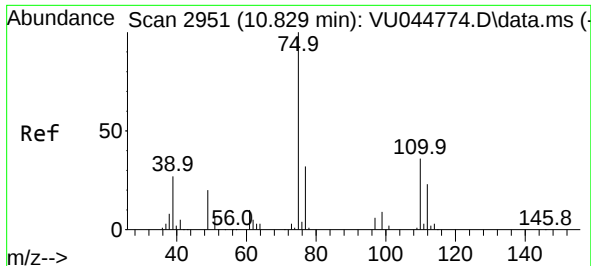
Tgt Ion: 83 Resp: 218960
Ion Ratio Lower Upper
83 100
85 64.4 45.1 83.7
131 8.6 6.9 10.3



#59
Bromoform
Concen: 46.667 ug/L
RT: 10.295 min Scan# 2785
Delta R.T. 0.000 min
Lab File: VU044774.D
Acq: 23 Sep 2021 10:24

Tgt Ion:173 Resp: 83382
Ion Ratio Lower Upper
173 100
175 48.0 38.4 57.6
254 6.6 5.3 7.9

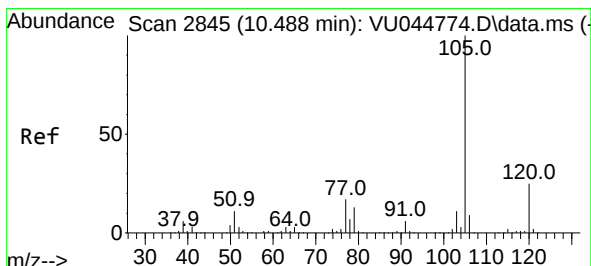
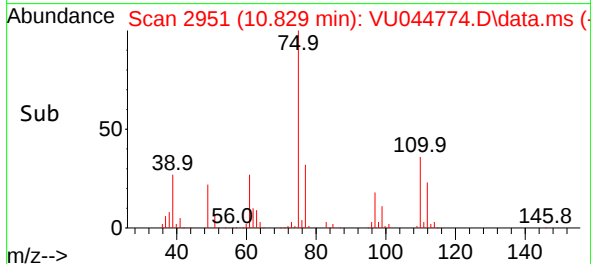
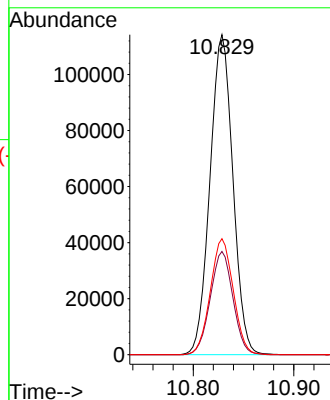
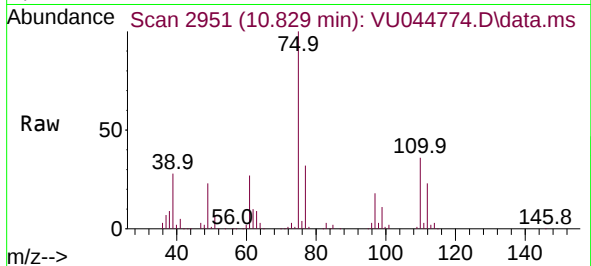




#60
1,2,3-Trichloropropane
Concen: 54.344 ug/L
RT: 10.829 min Scan# 2951
Delta R.T. 0.000 min
Lab File: VU044774.D
Acq: 23 Sep 2021 10:24

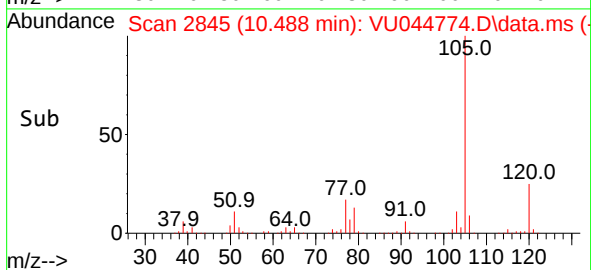
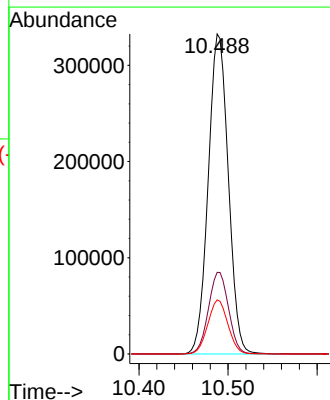
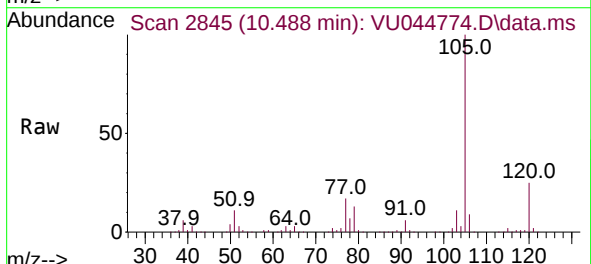
Instrument :
MSVOA_U
ClientSampleId :

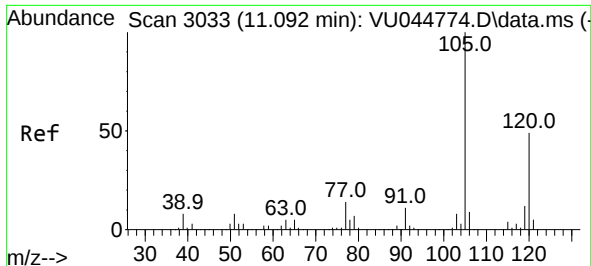
Tgt Ion: 75 Resp: 180858
Ion Ratio Lower Upper
75 100
77 31.9 25.5 38.3
110 36.2 29.0 43.4



#61
Isopropylbenzene
Concen: 56.275 ug/L
RT: 10.488 min Scan# 2845
Delta R.T. 0.000 min
Lab File: VU044774.D
Acq: 23 Sep 2021 10:24

Tgt Ion: 105 Resp: 519537
Ion Ratio Lower Upper
105 100
120 25.6 20.5 30.7
77 16.9 13.5 20.3

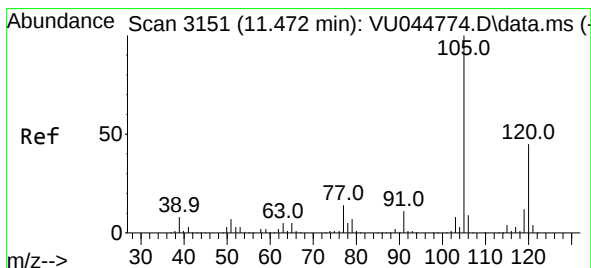
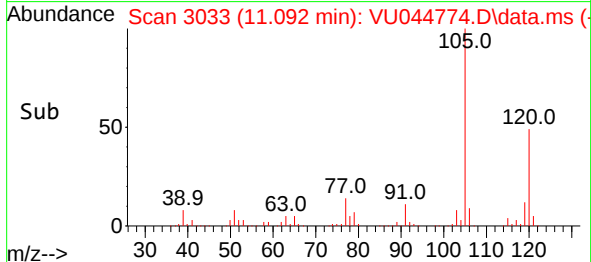
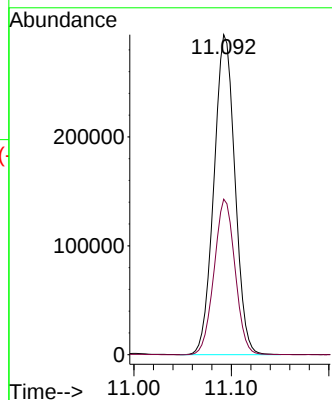
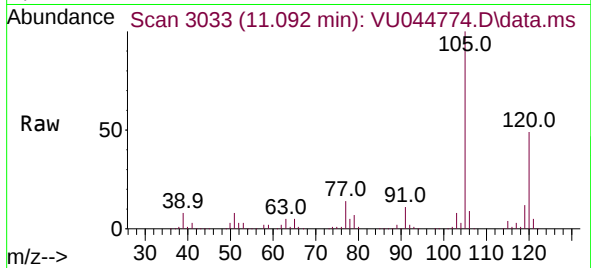




#62
 1,3,5-Trimethylbenzene
 Concen: 57.345 ug/L
 RT: 11.092 min Scan# 3033
 Delta R.T. 0.000 min
 Lab File: VU044774.D
 Acq: 23 Sep 2021 10:24

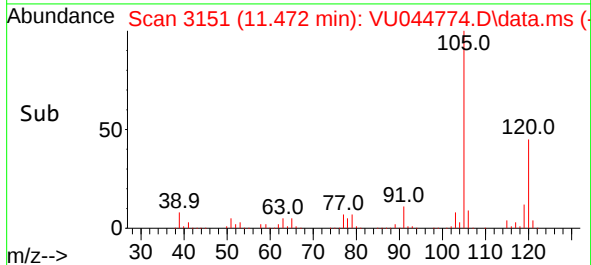
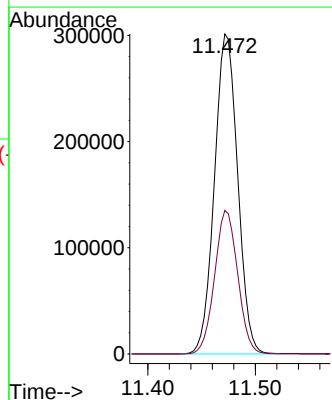
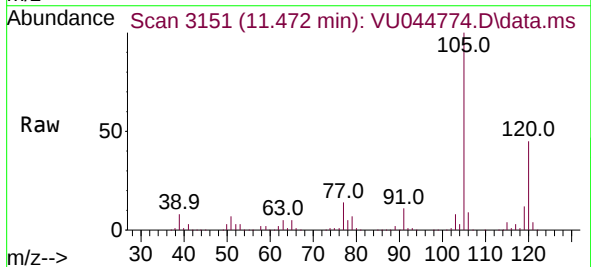
Instrument :
 MSVOA_U
 ClientSampled :

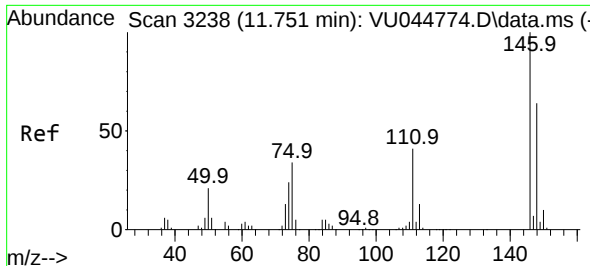
Tgt Ion:105 Resp: 440134
 Ion Ratio Lower Upper
 105 100
 120 48.5 38.8 58.2



#63
 1,2,4-Trimethylbenzene
 Concen: 58.487 ug/L
 RT: 11.472 min Scan# 3151
 Delta R.T. 0.000 min
 Lab File: VU044774.D
 Acq: 23 Sep 2021 10:24

Tgt Ion:105 Resp: 452360
 Ion Ratio Lower Upper
 105 100
 120 44.6 35.7 53.5

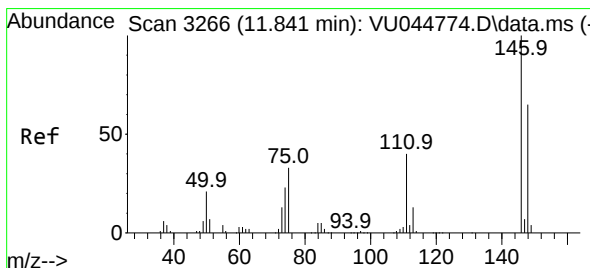
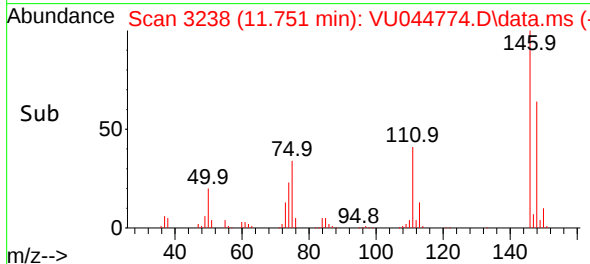
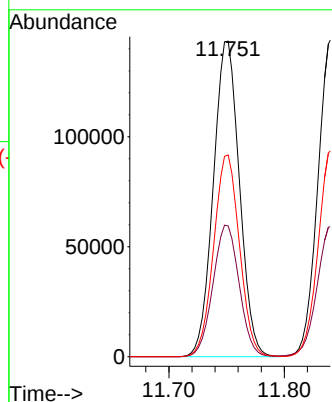
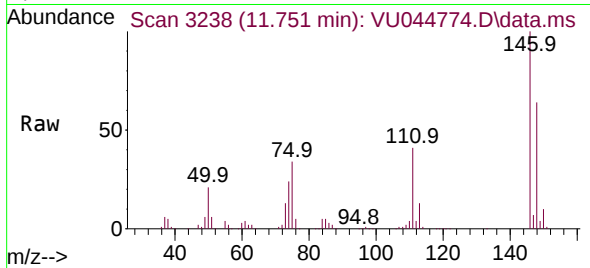




#64
1,3-Dichlorobenzene
Concen: 51.004 ug/L
RT: 11.751 min Scan# 3238
Delta R.T. 0.000 min
Lab File: VU044774.D
Acq: 23 Sep 2021 10:24

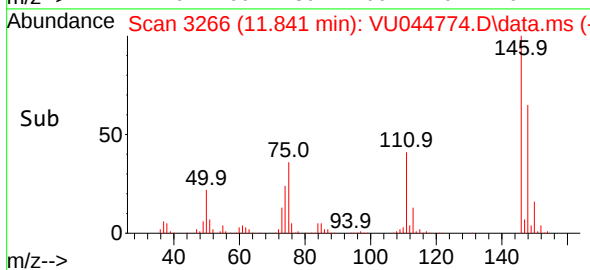
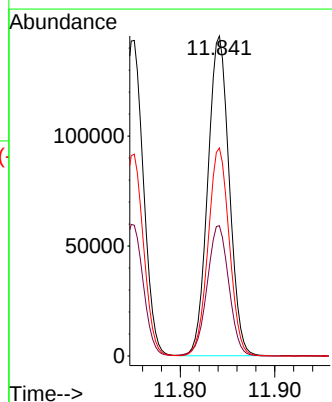
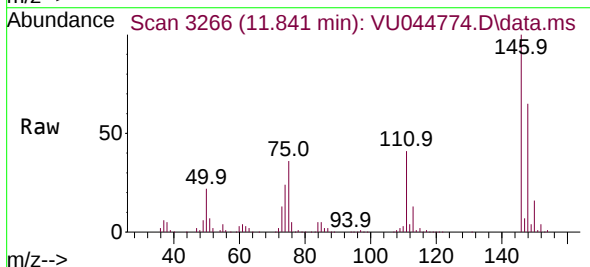
Instrument :
MSVOA_U
ClientSampleId :

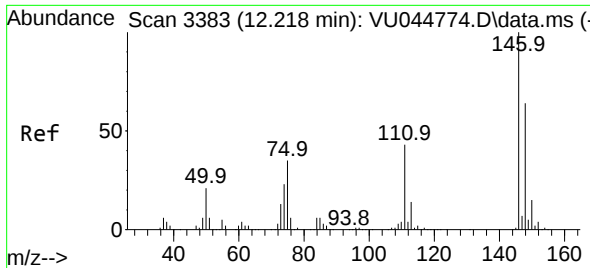
Tgt Ion:146 Resp: 225203
Ion Ratio Lower Upper
146 100
111 41.4 29.0 53.8
148 64.0 44.8 83.2



#65
1,4-Dichlorobenzene
Concen: 50.715 ug/L
RT: 11.841 min Scan# 3266
Delta R.T. 0.000 min
Lab File: VU044774.D
Acq: 23 Sep 2021 10:24

Tgt Ion:146 Resp: 228541
Ion Ratio Lower Upper
146 100
111 40.7 28.5 52.9
148 65.0 45.5 84.5

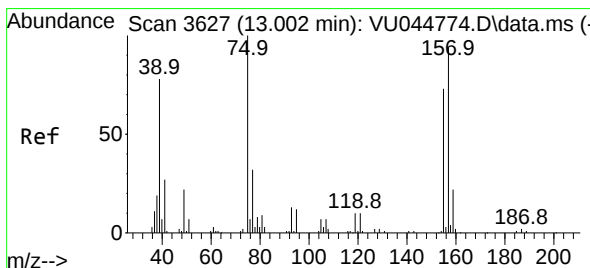
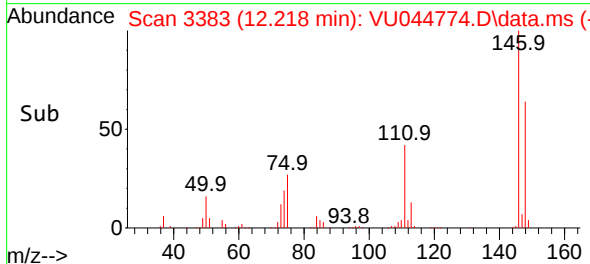
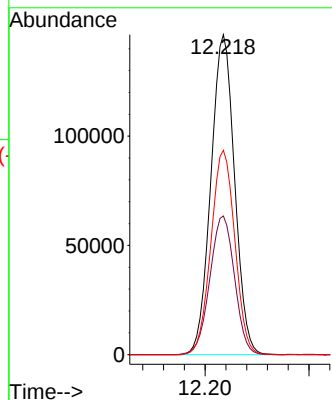
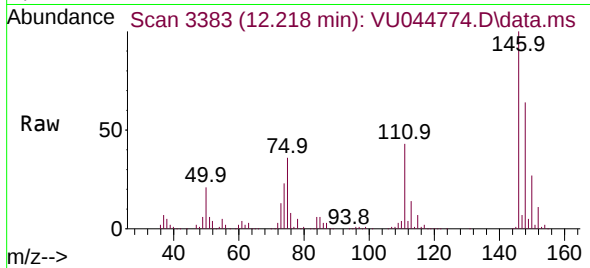




#67
1,2-Dichlorobenzene
Concen: 50.459 ug/L
RT: 12.218 min Scan# 3383
Delta R.T. 0.000 min
Lab File: VU044774.D
Acq: 23 Sep 2021 10:24

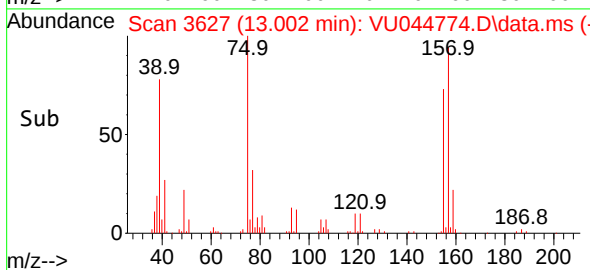
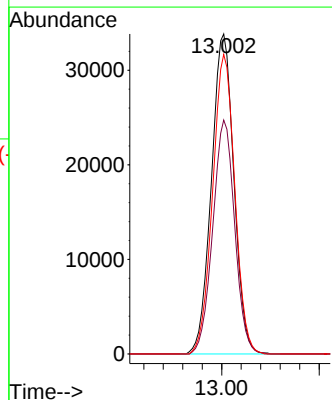
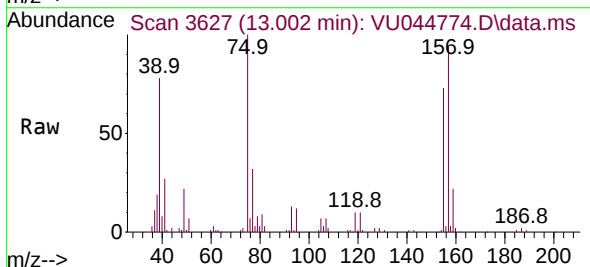
Instrument :
MSVOA_U
ClientSampleId :

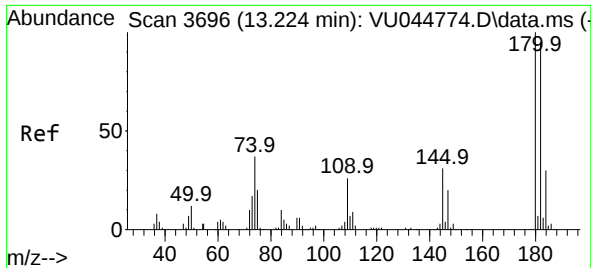
Tgt Ion:146 Resp: 231944
Ion Ratio Lower Upper
146 100
111 43.4 34.7 52.1
148 63.8 51.0 76.6



#68
1,2-Dibromo-3-chloropropane
Concen: 58.295 ug/L
RT: 13.002 min Scan# 3627
Delta R.T. 0.000 min
Lab File: VU044774.D
Acq: 23 Sep 2021 10:24

Tgt Ion: 75 Resp: 54079
Ion Ratio Lower Upper
75 100
155 73.1 58.5 87.7
157 97.1 77.7 116.5

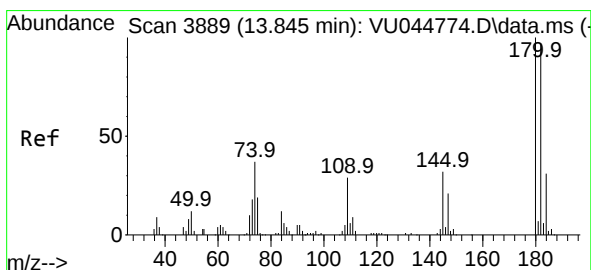
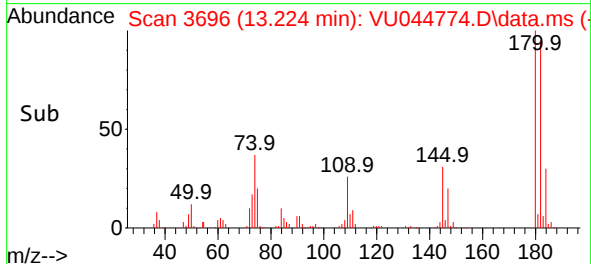
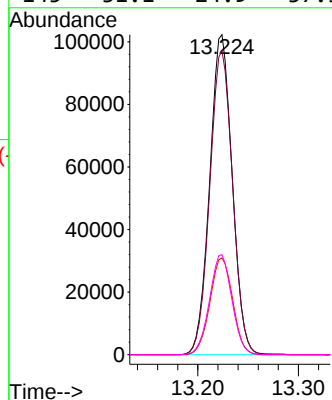
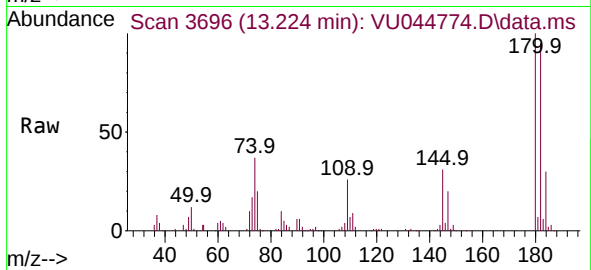




#69
 1,3,5-Trichlorobenzene
 Concen: 49.131 ug/L
 RT: 13.224 min Scan# 3696
 Delta R.T. 0.000 min
 Lab File: VU044774.D
 Acq: 23 Sep 2021 10:24

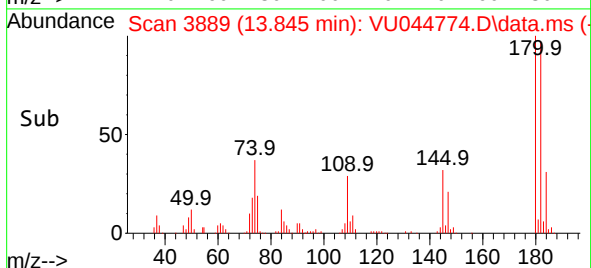
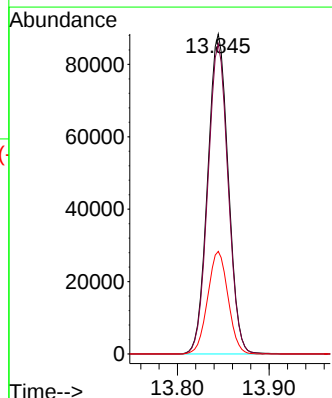
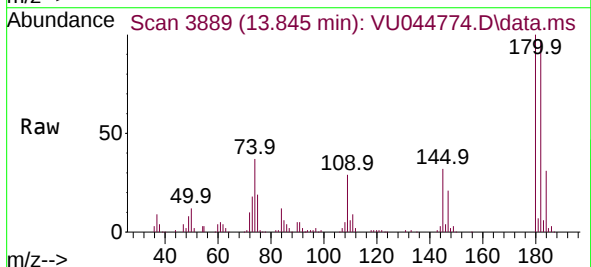
Instrument :
 MSVOA_U
 ClientSampled :

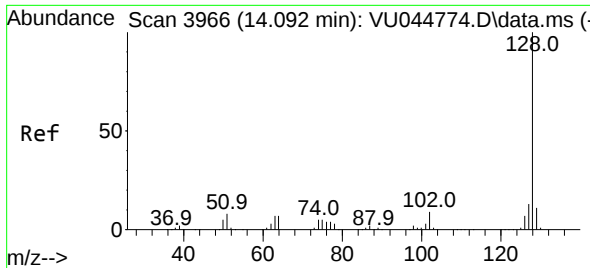
Tgt Ion:	180	Resp:	159086
Ion Ratio	Lower	Upper	
180	100		
182	96.0	76.8	115.2
184	30.5	24.4	36.6
145	31.1	24.9	37.3



#70
 1,2,4-trichlorobenzene
 Concen: 49.947 ug/L
 RT: 13.845 min Scan# 3889
 Delta R.T. 0.000 min
 Lab File: VU044774.D
 Acq: 23 Sep 2021 10:24

Tgt Ion:	180	Resp:	137966
Ion Ratio	Lower	Upper	
180	100		
182	95.2	76.2	114.2
145	31.7	25.4	38.0

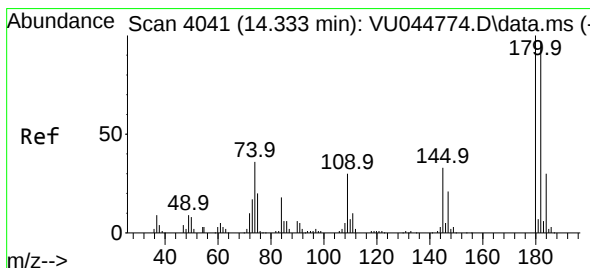
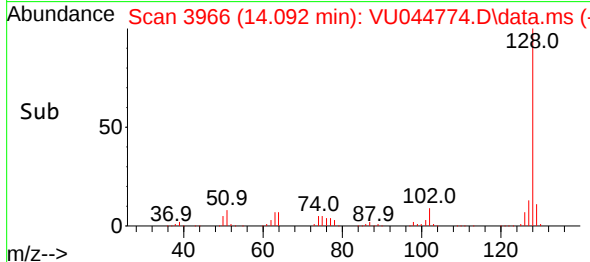
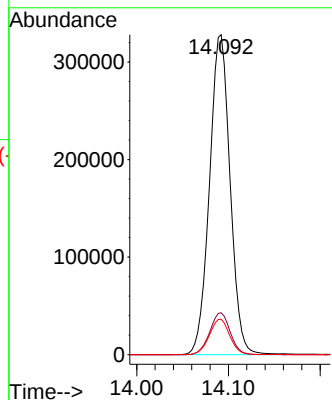
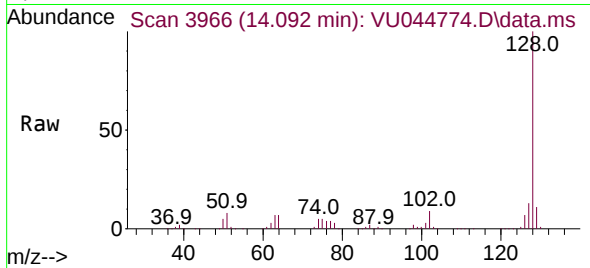




#71
Naphthalene
Concen: 55.070 ug/L
RT: 14.092 min Scan# 3966
Delta R.T. 0.000 min
Lab File: VU044774.D
Acq: 23 Sep 2021 10:24

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion:128 Resp: 513059
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 11.0 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 50.274 ug/L
RT: 14.333 min Scan# 4041
Delta R.T. 0.000 min
Lab File: VU044774.D
Acq: 23 Sep 2021 10:24

Tgt Ion:180 Resp: 145425
Ion Ratio Lower Upper
180 100
182 96.0 76.8 115.2
145 33.1 26.5 39.7

