

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092321\
 Data File : VU044777.D
 Acq On : 23 Sep 2021 11:46
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 24 05:36:18 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	6.256	114	293413	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	283801	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	143416	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	150044	46.713	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.420%
7) Chloroethane-d5	1.909	69	117489	46.159	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.320%
11) 1,1-Dichloroethene-d2	2.571	63	254419	47.166	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.340%
21) 2-Butanone-d5	4.626	46	248017	97.670	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.670%
24) Chloroform-d	5.070	84	236214	46.563	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.120%
26) 1,2-Dichloroethane-d4	5.706	65	158329	46.076	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.160%
32) Benzene-d6	5.732	84	480377	48.780	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.560%
36) 1,2-Dichloropropane-d6	6.697	67	153155	47.696	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.400%
41) Toluene-d8	7.902	98	419719	49.387	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.780%
43) trans-1,3-Dichloroprop...	8.182	79	71052	49.744	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.480%
47) 2-Hexanone-d5	8.636	63	177681	99.851	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.850%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	228346	45.668	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.340%
66) 1,2-Dichlorobenzene-d4	12.198	152	153413	49.153	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.300%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	136833	48.705	ug/L	100
3) Chloromethane	1.520	50	161357	46.078	ug/L	100
5) Vinyl chloride	1.607	62	161292	47.012	ug/L	99
6) Bromomethane	1.848	94	85118	51.726	ug/L	99
8) Chloroethane	1.932	64	97714	45.379	ug/L	98
9) Trichlorofluoromethane	2.137	101	183797	46.805	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	115899	46.762	ug/L	99
12) 1,1-Dichloroethene	2.584	96	109605	48.238	ug/L	90
13) Acetone	2.629	43	267900	91.267	ug/L	99
14) Carbon disulfide	2.797	76	346604	47.616	ug/L	100
15) Methyl Acetate	2.951	43	171693	47.427	ug/L	100
16) Methylene chloride	3.051	84	131609	45.720	ug/L	99
17) trans-1,2-Dichloroethene	3.359	96	114394	47.793	ug/L	96
18) Methyl tert-butyl Ether	3.369	73	387270	49.069	ug/L	99
19) 1,1-Dichloroethane	3.877	63	232125	46.616	ug/L	99
20) cis-1,2-Dichloroethene	4.674	96	127691	48.414	ug/L	95
22) 2-Butanone	4.703	43	306129	93.182	ug/L	100
23) Bromochloromethane	4.980	128	62370	46.648	ug/L	98
25) Chloroform	5.096	83	227168	45.890	ug/L	98

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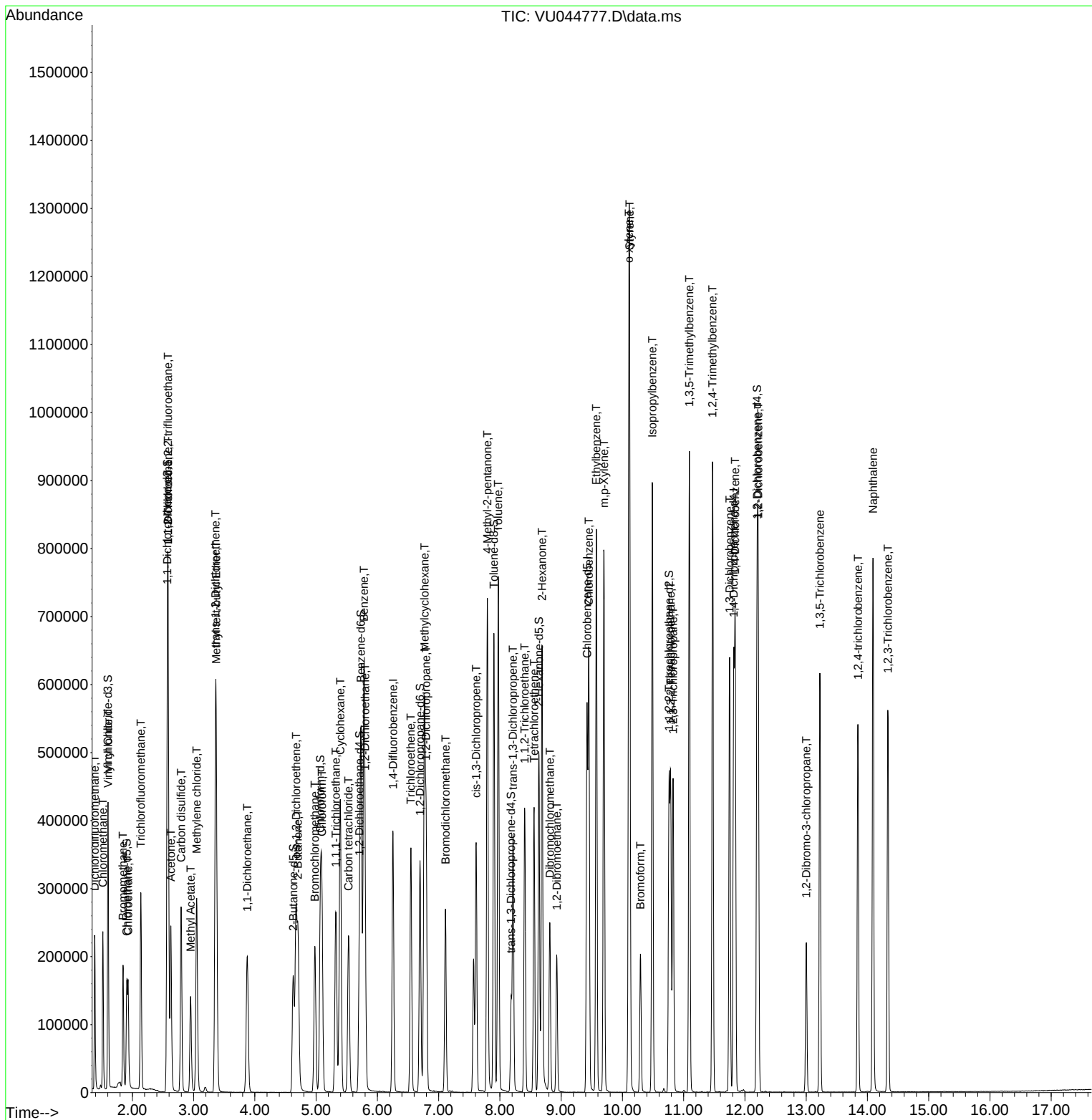
Instrument :
 MSVOA_U
 ClientSampleId :

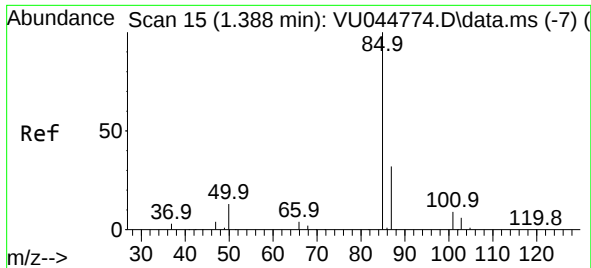
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.800	62	192370	46.462	ug/L	100
29) Cyclohexane	5.395	56	219351	51.419	ug/L	99
30) 1,1,1-Trichloroethane	5.321	97	188549	47.994	ug/L	99
31) Carbon tetrachloride	5.530	117	149938	48.322	ug/L	100
33) Benzene	5.780	78	505769	48.049	ug/L	100
34) Trichloroethene	6.546	95	121157	47.921	ug/L	99
35) Methylcyclohexane	6.771	83	214029	50.564	ug/L	99
37) 1,2-Dichloropropane	6.796	63	136006	47.456	ug/L	99
38) Bromodichloromethane	7.112	83	169780	48.329	ug/L	99
39) cis-1,3-Dichloropropene	7.613	75	208041	50.733	ug/L	99
40) 4-Methyl-2-pentanone	7.796	43	466215	97.382	ug/L	100
42) Toluene	7.973	91	528641	49.429	ug/L	100
44) trans-1,3-Dichloropropene	8.214	75	196703	50.447	ug/L	99
45) 1,1,2-Trichloroethane	8.404	97	123674	47.617	ug/L	98
46) Tetrachloroethene	8.558	164	86551	47.895	ug/L	99
48) 2-Hexanone	8.687	43	408685	96.265	ug/L	99
49) Dibromochloromethane	8.816	129	122089	47.530	ug/L	100
50) 1,2-Dibromoethane	8.928	107	130211	47.884	ug/L	97
51) Chlorobenzene	9.452	112	320877	48.598	ug/L	99
52) Ethylbenzene	9.574	91	566771	50.165	ug/L	100
53) m,p-Xylene	9.700	106	218318	51.009	ug/L	98
54) o-xylene	10.105	106	213123	50.673	ug/L	98
55) Styrene	10.118	104	366506	50.673	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.787	83	224962	45.236	ug/L	99
59) Bromoform	10.295	173	86986	48.905	ug/L	100
60) 1,2,3-Trichloropropane	10.828	75	185513	46.768	ug/L	99
61) Isopropylbenzene	10.488	105	557902	53.155	ug/L	100
62) 1,3,5-Trimethylbenzene	11.092	105	477998	54.532	ug/L	99
63) 1,2,4-Trimethylbenzene	11.471	105	488924	54.470	ug/L	99
64) 1,3-Dichlorobenzene	11.751	146	244381	50.383	ug/L	99
65) 1,4-Dichlorobenzene	11.841	146	244991	49.229	ug/L	100
67) 1,2-Dichlorobenzene	12.217	146	247982	49.801	ug/L	99
68) 1,2-Dibromo-3-chloropr...	13.002	75	55510	48.696	ug/L	99
69) 1,3,5-Trichlorobenzene	13.224	180	172448	51.230	ug/L	100
70) 1,2,4-trichlorobenzene	13.844	180	151330	54.100	ug/L	100
71) Naphthalene	14.092	128	587055	60.563	ug/L	99
72) 1,2,3-Trichlorobenzene	14.336	180	157224	54.935	ug/L	99

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

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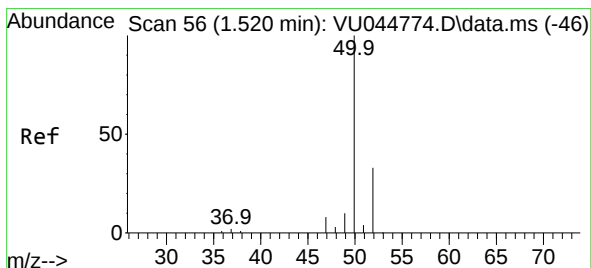
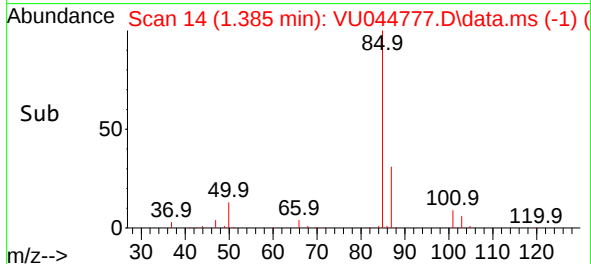
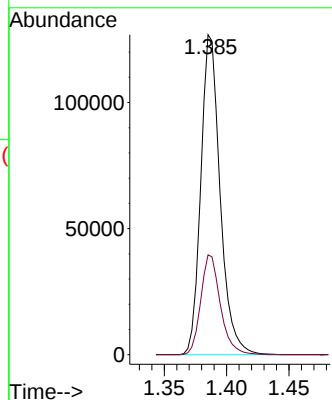
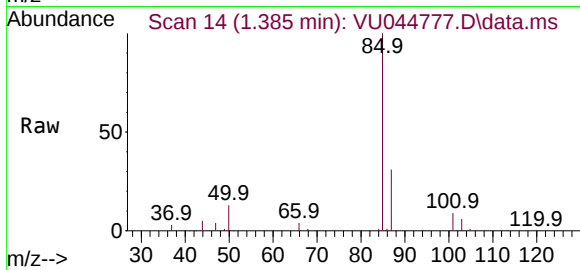




#2
 Dichlorodifluoromethane
 Concen: 48.705 ug/L
 RT: 1.385 min Scan# 14
 Delta R.T. -0.003 min
 Lab File: VU044777.D
 Acq: 23 Sep 2021 11:46

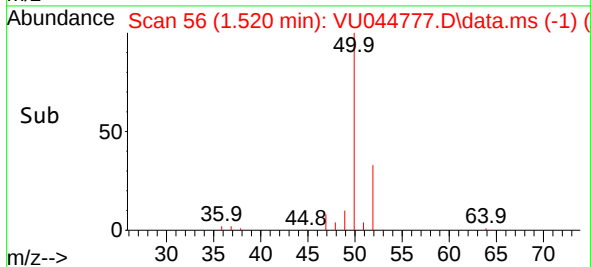
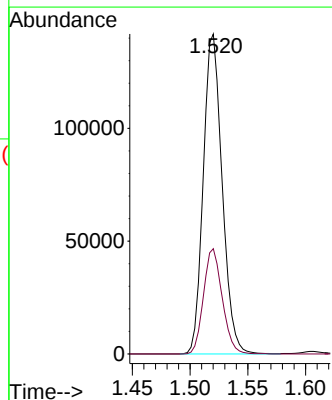
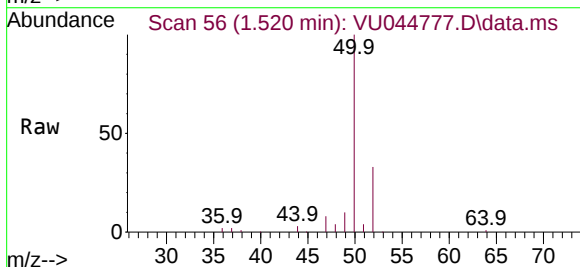
Instrument :
 MSVOA_U
 ClientSampled :

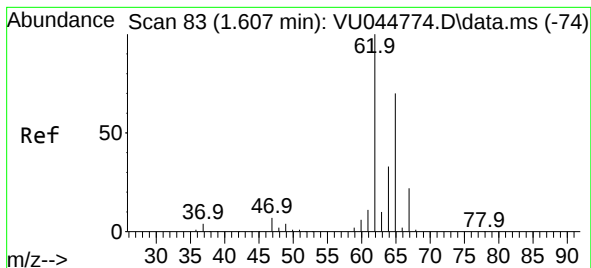
Tgt Ion: 85 Resp: 136833
 Ion Ratio Lower Upper
 85 100
 87 31.6 25.2 37.8



#3
 Chloromethane
 Concen: 46.078 ug/L
 RT: 1.520 min Scan# 56
 Delta R.T. -0.000 min
 Lab File: VU044777.D
 Acq: 23 Sep 2021 11:46

Tgt Ion: 50 Resp: 161357
 Ion Ratio Lower Upper
 50 100
 52 32.9 23.0 42.8





#5

Vinyl chloride

Concen: 47.012 ug/L

RT: 1.607 min Scan# 83

Delta R.T. -0.000 min

Lab File: VU044777.D

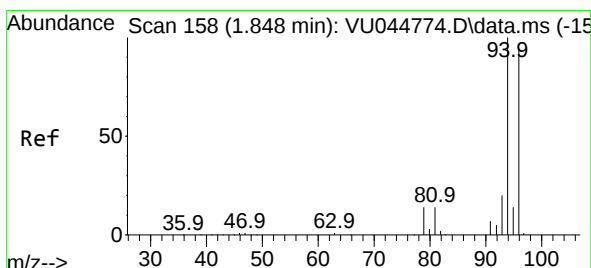
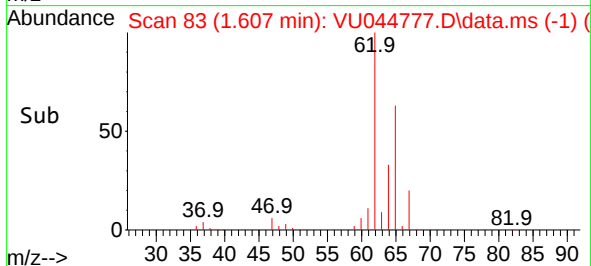
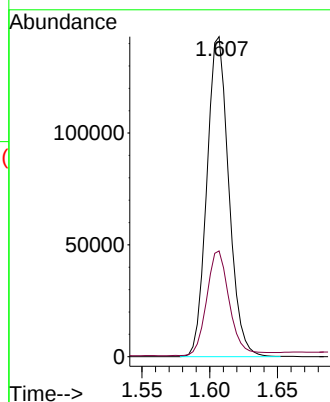
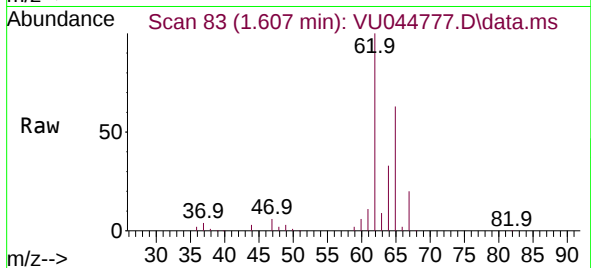
Acq: 23 Sep 2021 11:46

Tgt Ion: 62 Resp: 161292

Ion Ratio Lower Upper

62 100

64 33.0 23.4 43.6



#6

Bromomethane

Concen: 51.726 ug/L

RT: 1.848 min Scan# 158

Delta R.T. -0.000 min

Lab File: VU044777.D

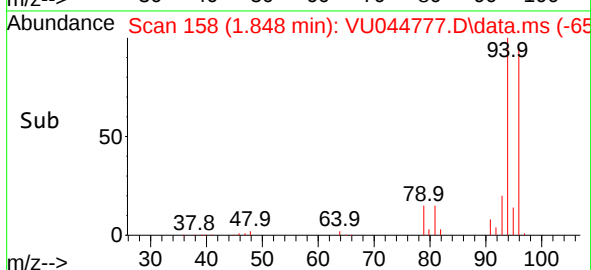
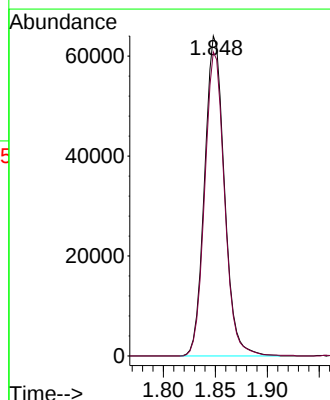
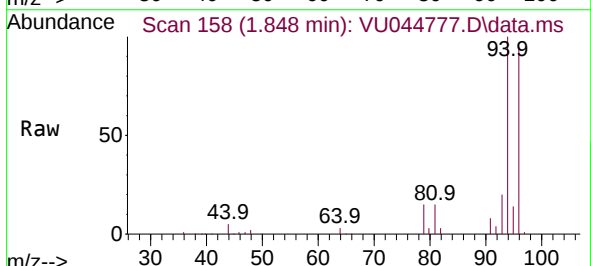
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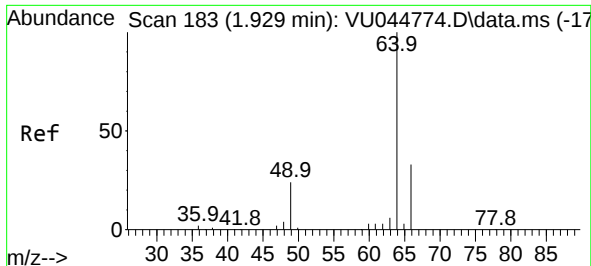
Tgt Ion: 94 Resp: 85118

Ion Ratio Lower Upper

94 100

96 95.0 65.7 121.9

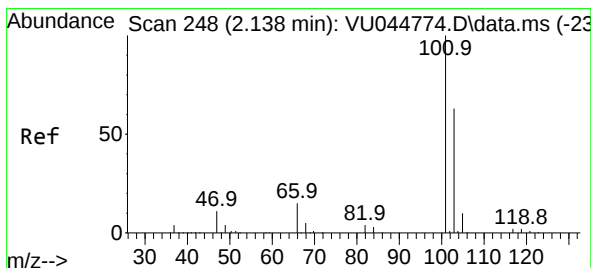
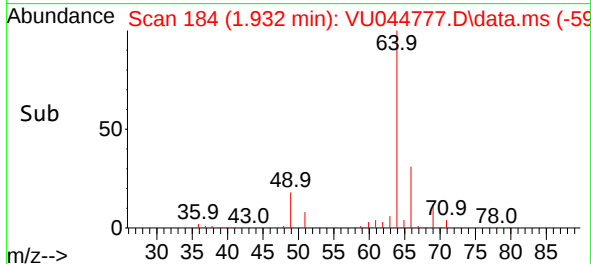
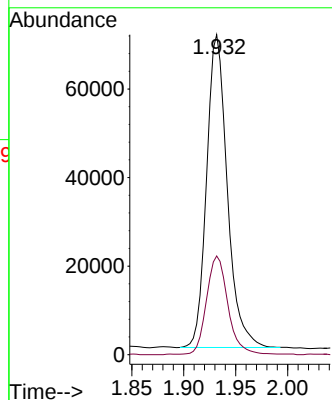
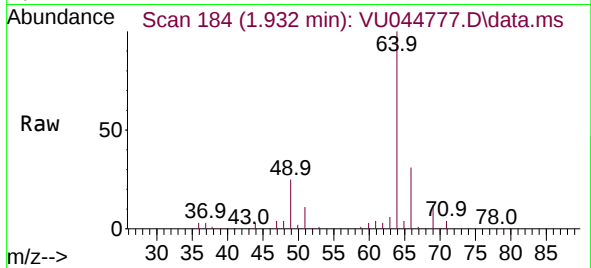




#8
Chloroethane
Concen: 45.379 ug/L
RT: 1.932 min Scan# 184
Delta R.T. 0.003 min
Lab File: VU044777.D
Acq: 23 Sep 2021 11:46

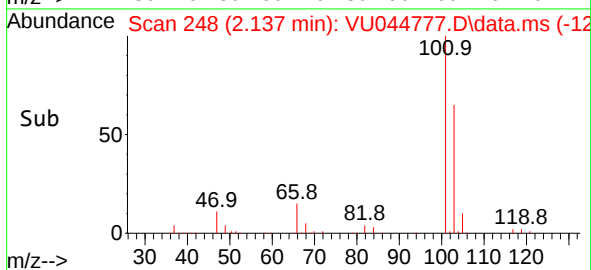
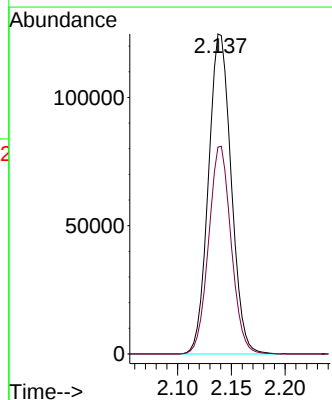
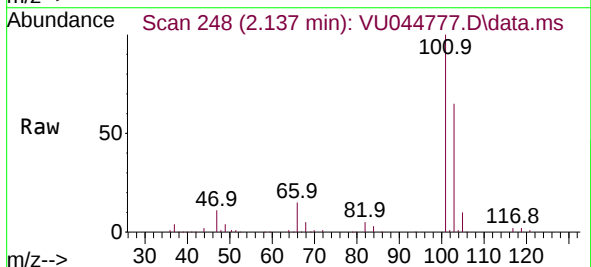
Instrument :
MSVOA_U
ClientSampleId :

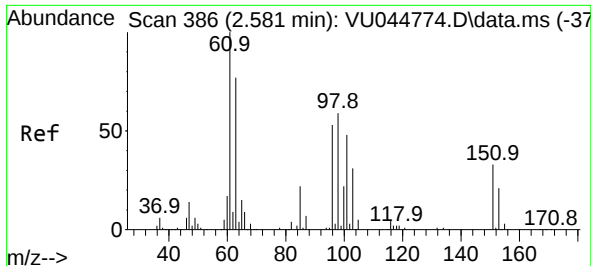
Tgt Ion: 64 Resp: 97714
Ion Ratio Lower Upper
64 100
66 30.8 22.3 41.3



#9
Trichlorofluoromethane
Concen: 46.805 ug/L
RT: 2.137 min Scan# 248
Delta R.T. -0.000 min
Lab File: VU044777.D
Acq: 23 Sep 2021 11:46

Tgt Ion:101 Resp: 183797
Ion Ratio Lower Upper
101 100
103 64.1 50.9 76.3





#10

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

Concen: 46.762 ug/L

RT: 2.584 min Scan# 387

Delta R.T. 0.003 min

Lab File: VU044777.D

Acq: 23 Sep 2021 11:46

Tgt Ion:101 Resp: 115899

Ion Ratio Lower Upper

101 100

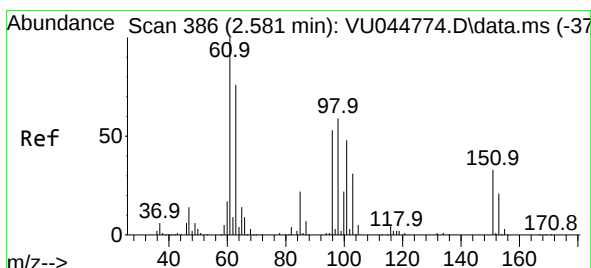
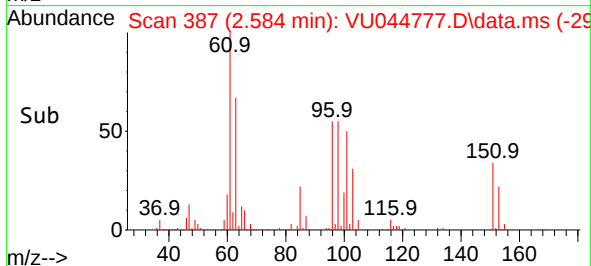
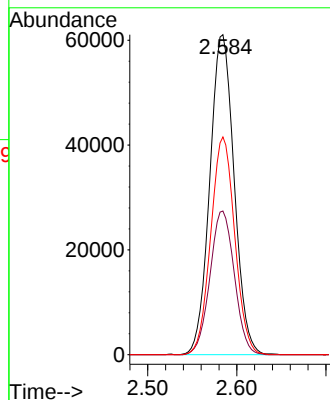
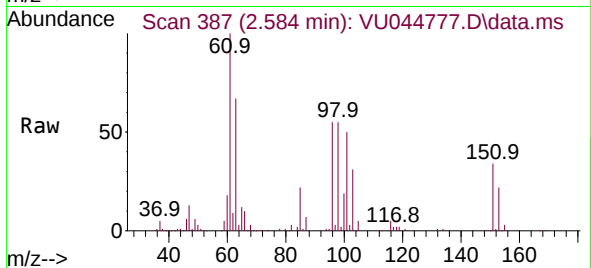
85 45.0 36.4 54.6

151 67.1 54.4 81.6

Instrument :

MSVOA_U

ClientSampleId :



#12

1,1-Dichloroethene

Concen: 48.238 ug/L

RT: 2.584 min Scan# 387

Delta R.T. 0.003 min

Lab File: VU044777.D

Acq: 23 Sep 2021 11:46

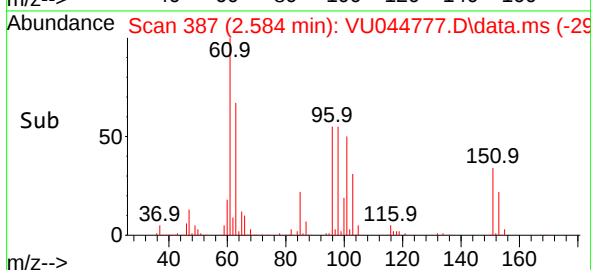
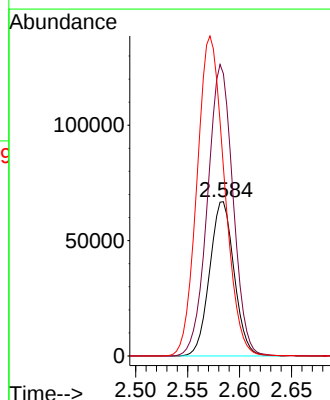
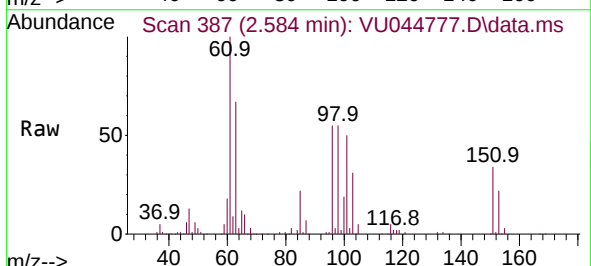
Tgt Ion: 96 Resp: 109605

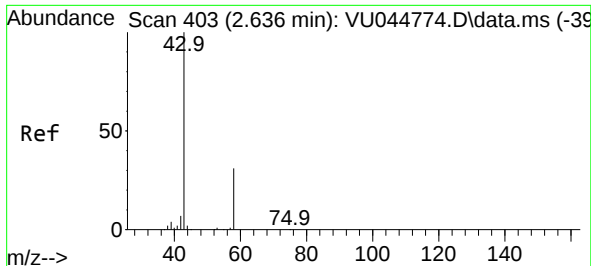
Ion Ratio Lower Upper

96 100

61 182.9 131.3 243.9

63 122.3 102.5 190.3

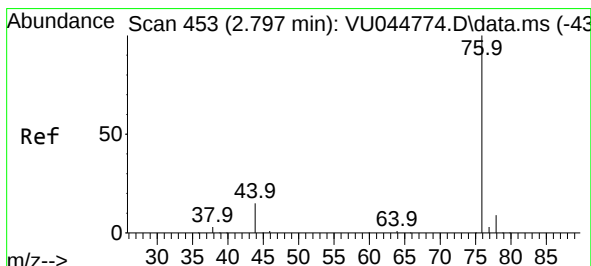
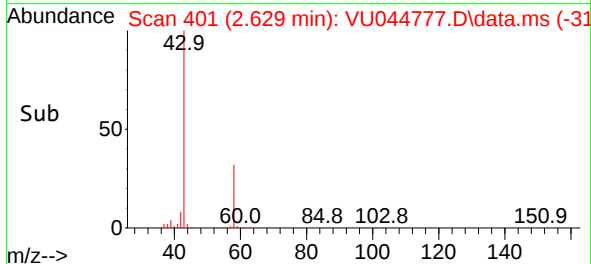
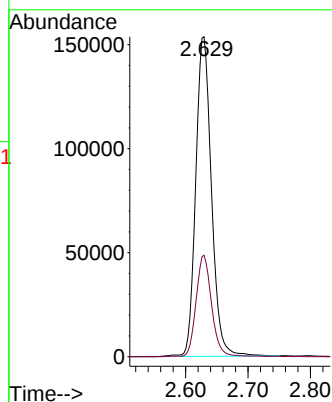
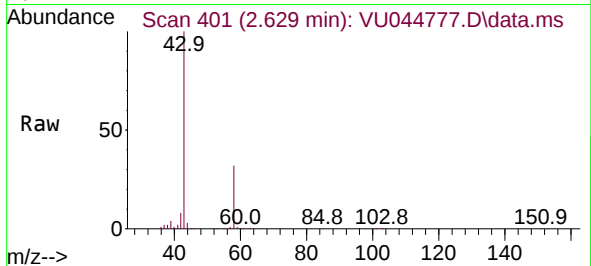




#13
Acetone
Concen: 91.267 ug/L
RT: 2.629 min Scan# 401
Delta R.T. -0.007 min
Lab File: VU044777.D
Acq: 23 Sep 2021 11:46

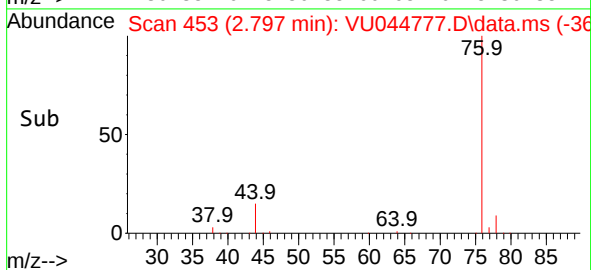
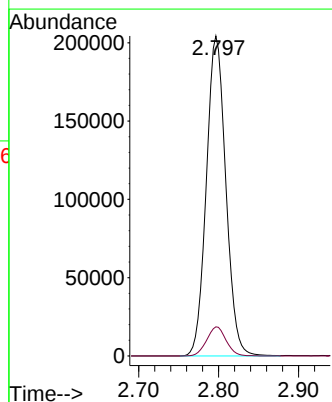
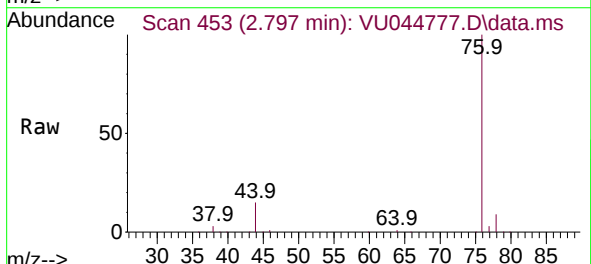
Instrument :
MSVOA_U
ClientSampled :

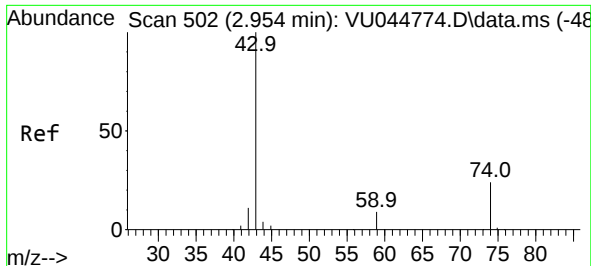
Tgt Ion: 43 Resp: 267900
Ion Ratio Lower Upper
43 100
58 30.9 0.0 62.8



#14
Carbon disulfide
Concen: 47.616 ug/L
RT: 2.797 min Scan# 453
Delta R.T. -0.000 min
Lab File: VU044777.D
Acq: 23 Sep 2021 11:46

Tgt Ion: 76 Resp: 346604
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9

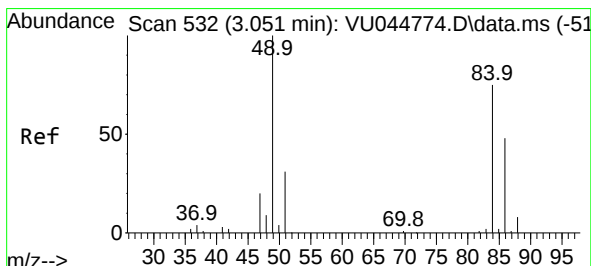
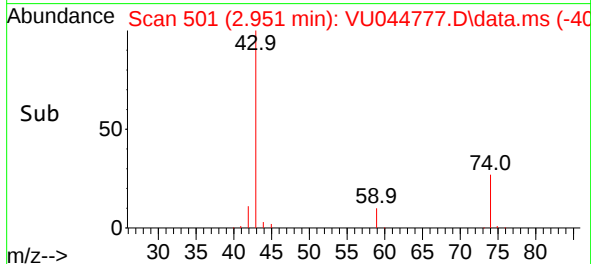
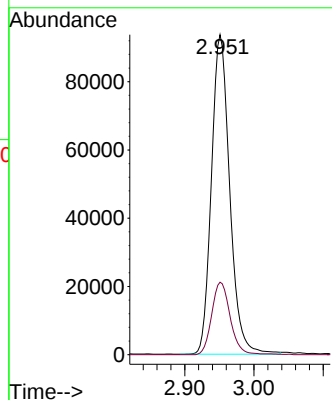
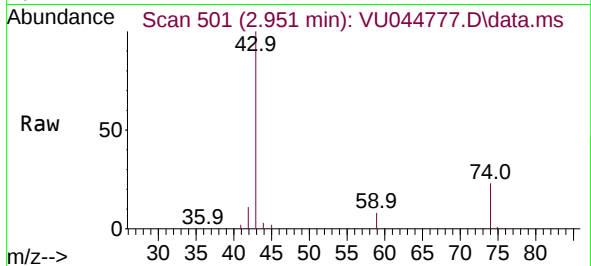




#15
Methyl Acetate
Concen: 47.427 ug/L
RT: 2.951 min Scan# 501
Delta R.T. -0.003 min
Lab File: VU044777.D
Acq: 23 Sep 2021 11:46

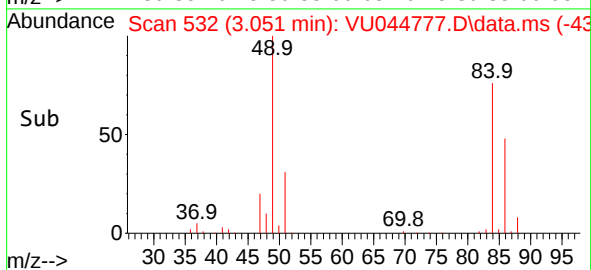
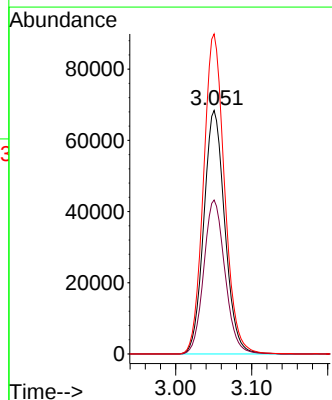
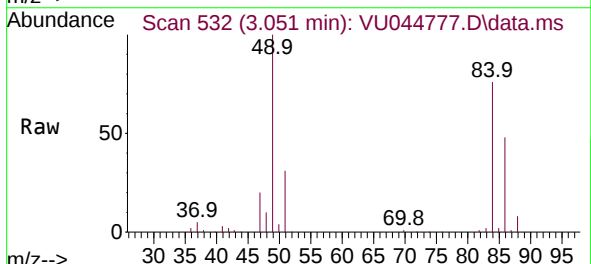
Instrument :
MSVOA_U
ClientSampled :

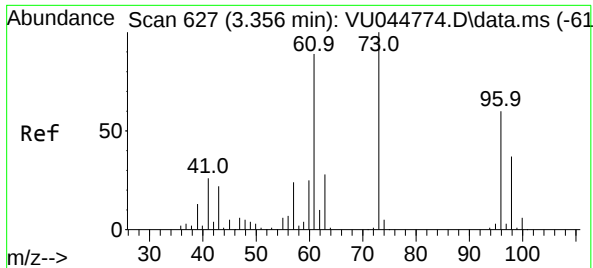
Tgt Ion: 43 Resp: 171693
Ion Ratio Lower Upper
43 100
74 22.8 18.4 27.6



#16
Methylene chloride
Concen: 45.720 ug/L
RT: 3.051 min Scan# 532
Delta R.T. -0.000 min
Lab File: VU044777.D
Acq: 23 Sep 2021 11:46

Tgt Ion: 84 Resp: 131609
Ion Ratio Lower Upper
84 100
86 63.2 44.7 83.1
49 131.4 92.9 172.5



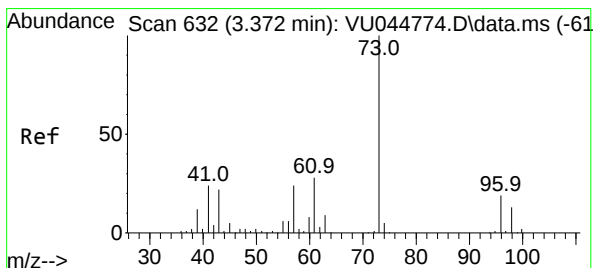
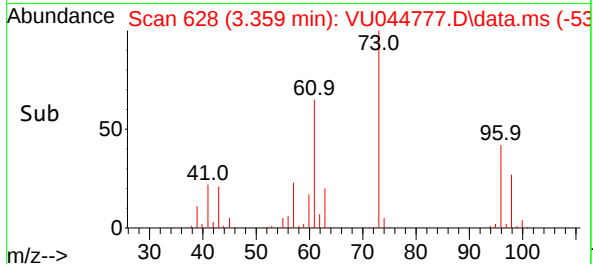
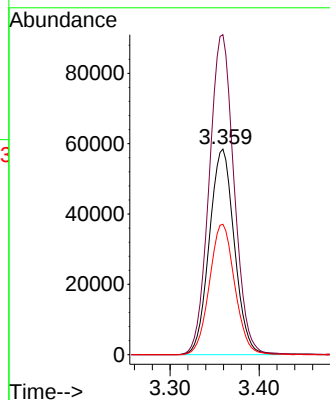
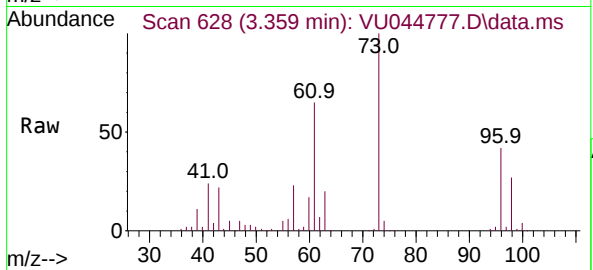


#17

trans-1,2-Dichloroethene
Concen: 47.793 ug/L
RT: 3.359 min Scan# 628
Delta R.T. 0.003 min
Lab File: VU044777.D
Acq: 23 Sep 2021 11:46

Instrument :
MSVOA_U
ClientSampled :

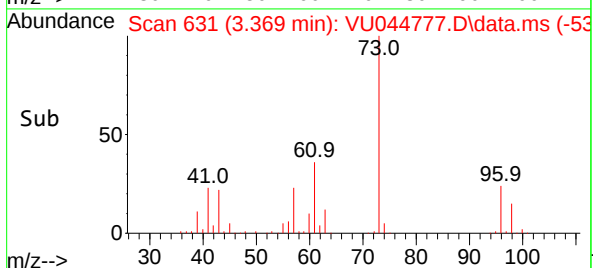
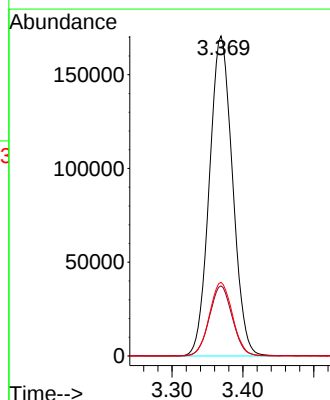
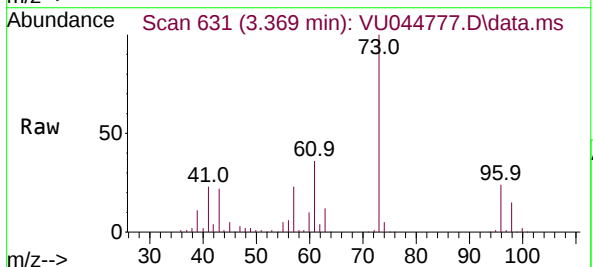
Tgt Ion: 96 Resp: 114394
Ion Ratio Lower Upper
96 100
61 155.7 105.1 195.3
98 63.5 43.0 79.8

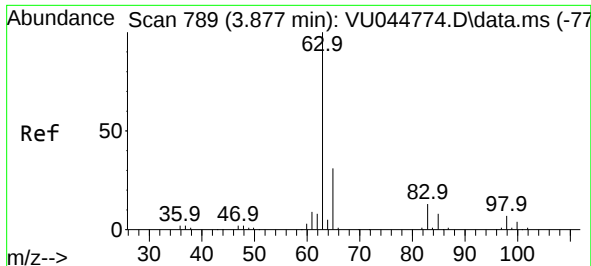


#18

Methyl tert-butyl Ether
Concen: 49.069 ug/L
RT: 3.369 min Scan# 631
Delta R.T. -0.003 min
Lab File: VU044777.D
Acq: 23 Sep 2021 11:46

Tgt Ion: 73 Resp: 387270
Ion Ratio Lower Upper
73 100
43 21.7 17.3 25.9
57 23.0 18.7 28.1





#19

1,1-Dichloroethane

Concen: 46.616 ug/L

RT: 3.877 min Scan# 789

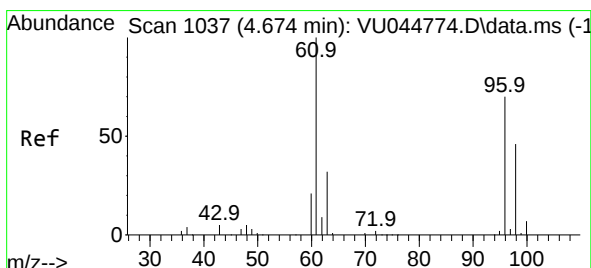
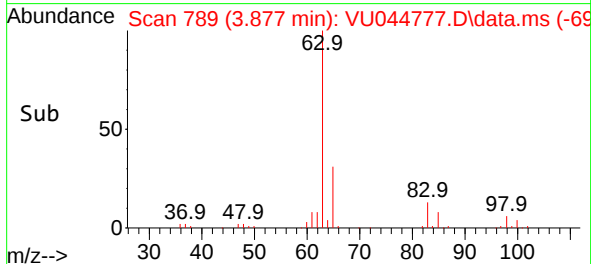
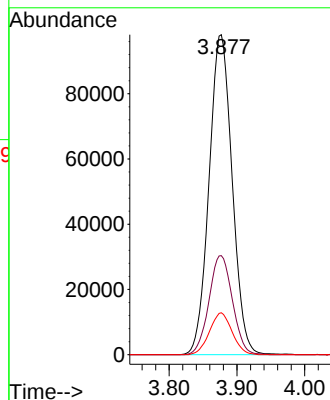
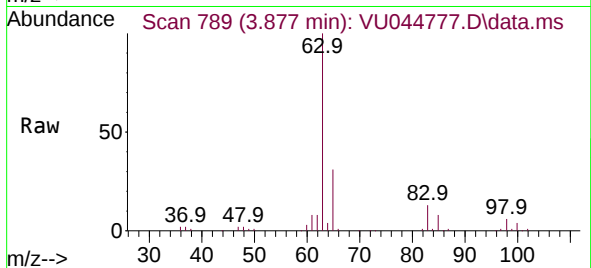
Delta R.T. -0.000 min

Lab File: VU044777.D

Acq: 23 Sep 2021 11:46

Tgt Ion: 63 Resp: 232125

Ion	Ratio	Lower	Upper
63	100		
65	31.0	22.0	40.8
83	13.1	9.0	16.6



#20

cis-1,2-Dichloroethene

Concen: 48.414 ug/L

RT: 4.674 min Scan# 1037

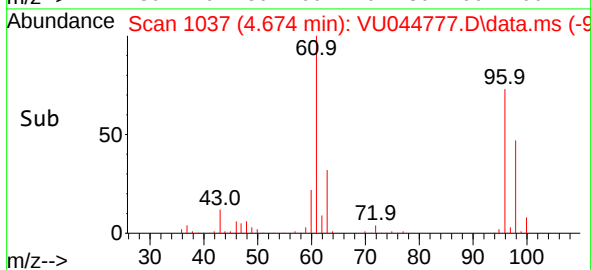
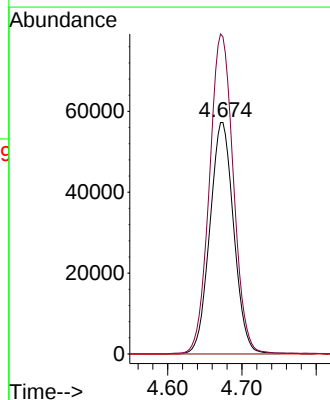
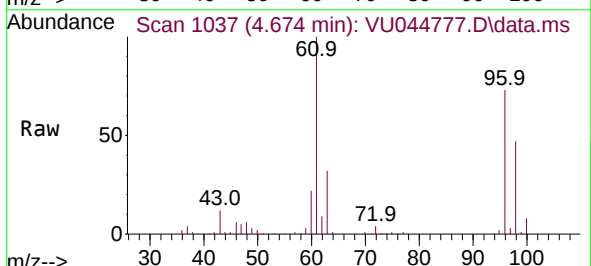
Delta R.T. -0.000 min

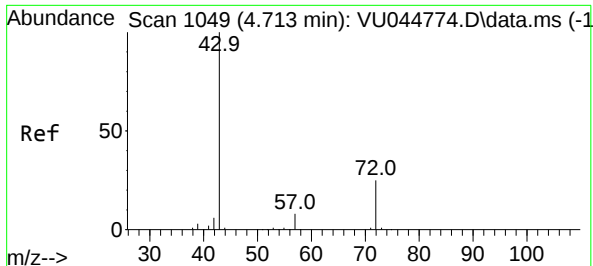
Lab File: VU044777.D

Acq: 23 Sep 2021 11:46

Tgt Ion: 96 Resp: 127691

Ion	Ratio	Lower	Upper
96	100		
61	136.9	100.2	186.0
68	0.0	0.0	0.0

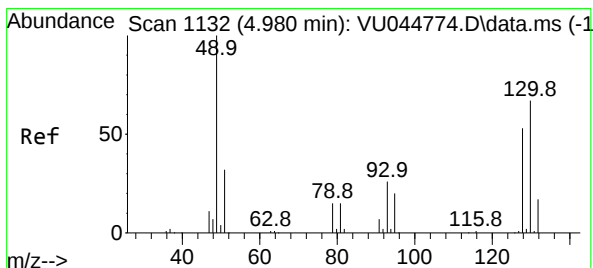
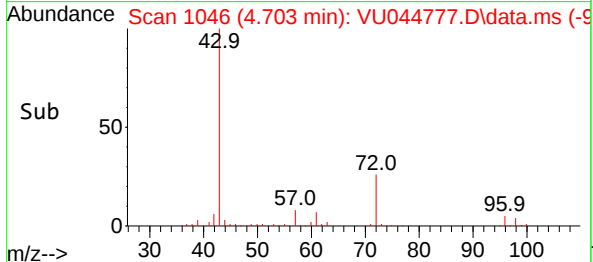
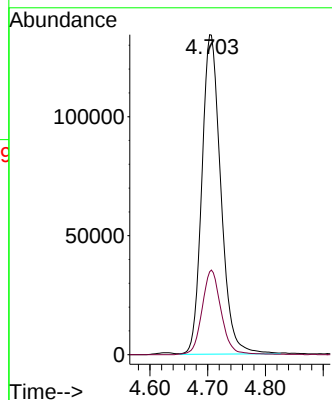
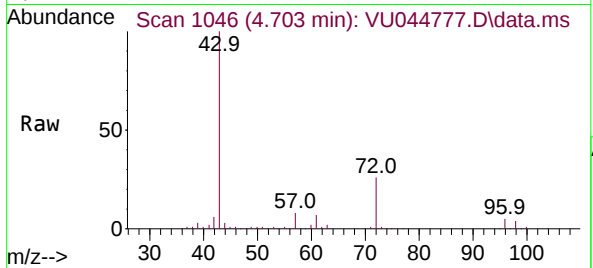




#22
2-Butanone
Concen: 93.182 ug/L
RT: 4.703 min Scan# 1046
Delta R.T. -0.010 min
Lab File: VU044777.D
Acq: 23 Sep 2021 11:46

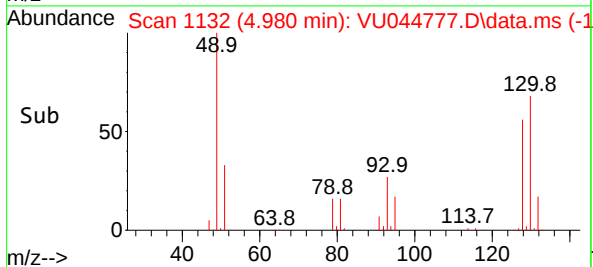
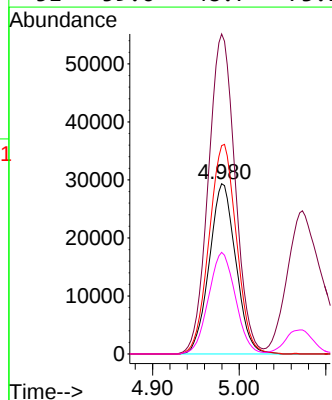
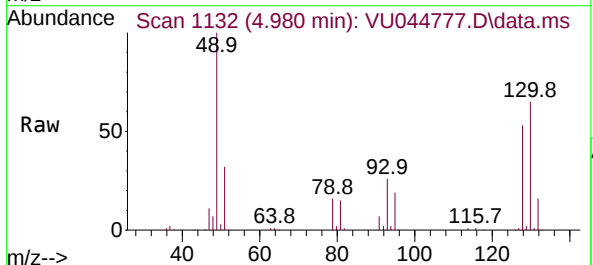
Instrument :
MSVOA_U
ClientSampleId :

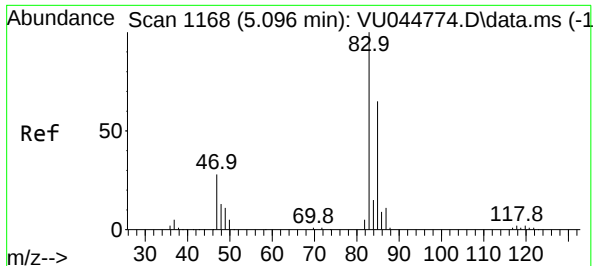
Tgt Ion: 43 Resp: 306129
Ion Ratio Lower Upper
43 100
72 26.7 13.3 39.9



#23
Bromochloromethane
Concen: 46.648 ug/L
RT: 4.980 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VU044777.D
Acq: 23 Sep 2021 11:46

Tgt Ion:128 Resp: 62370
Ion Ratio Lower Upper
128 100
49 187.9 132.9 246.7
130 122.3 88.2 163.8
51 59.6 48.7 73.1





#25

Chloroform

Concen: 45.890 ug/L

RT: 5.096 min Scan# 1168

Delta R.T. -0.000 min

Lab File: VU044777.D

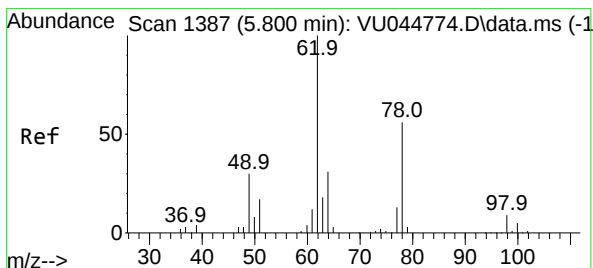
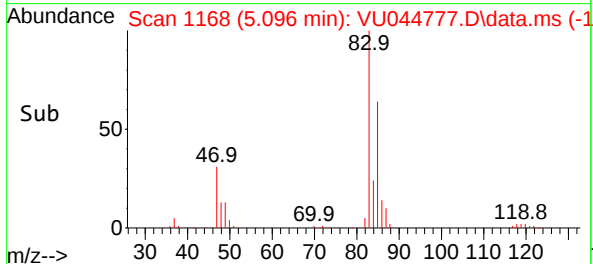
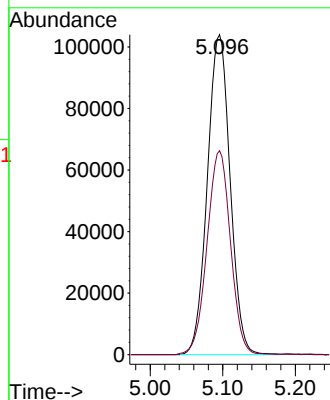
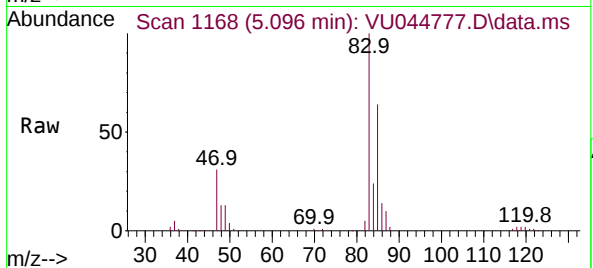
Acq: 23 Sep 2021 11:46

Tgt Ion: 83 Resp: 227168

Ion Ratio Lower Upper

83 100

85 63.7 45.6 84.6



#27

1,2-Dichloroethane

Concen: 46.462 ug/L

RT: 5.800 min Scan# 1387

Delta R.T. -0.000 min

Lab File: VU044777.D

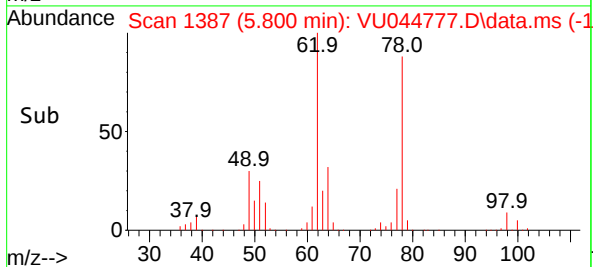
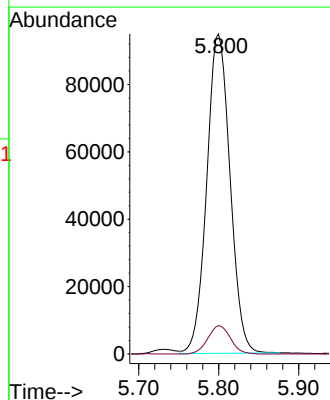
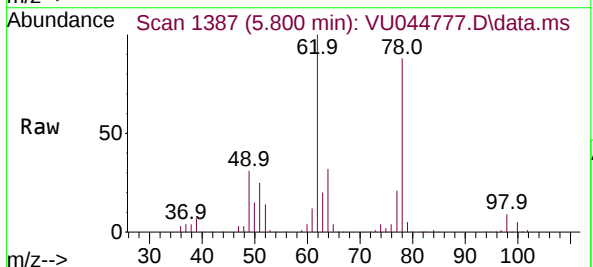
Acq: 23 Sep 2021 11:46

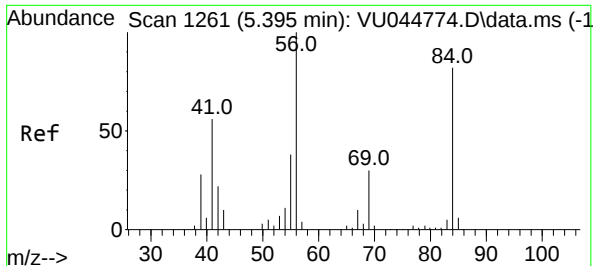
Tgt Ion: 62 Resp: 192370

Ion Ratio Lower Upper

62 100

98 8.9 7.1 10.7





#29

Cyclohexane

Concen: 51.419 ug/L

RT: 5.395 min Scan# 1261

Delta R.T. -0.000 min

Lab File: VU044777.D

Acq: 23 Sep 2021 11:46

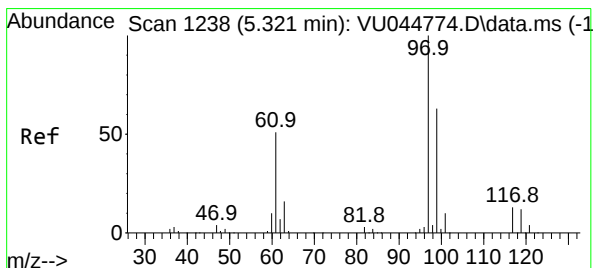
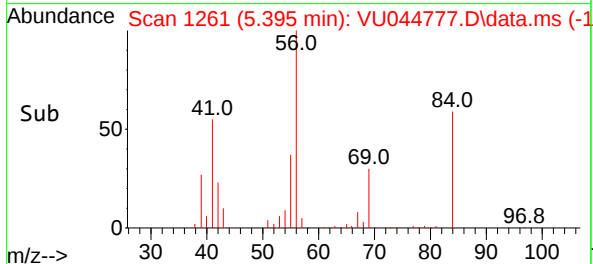
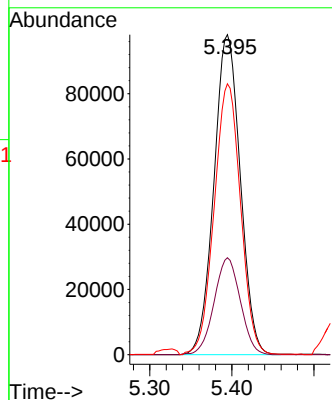
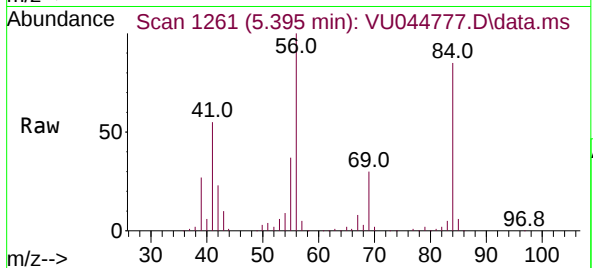
Tgt Ion: 56 Resp: 219351

Ion Ratio Lower Upper

56 100

69 29.9 23.8 35.8

84 84.7 66.8 100.2



#30

1,1,1-Trichloroethane

Concen: 47.994 ug/L

RT: 5.321 min Scan# 1238

Delta R.T. -0.000 min

Lab File: VU044777.D

Acq: 23 Sep 2021 11:46

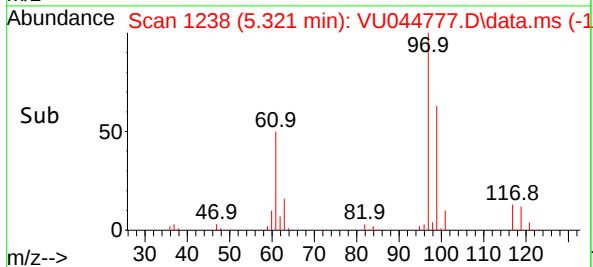
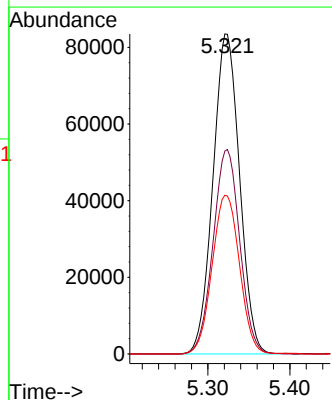
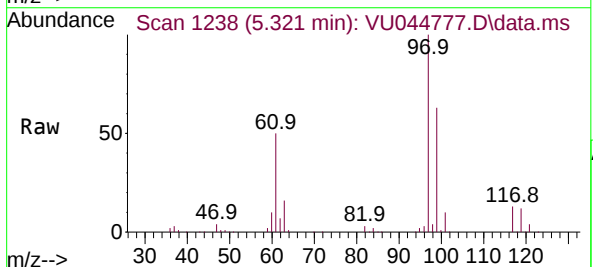
Tgt Ion: 97 Resp: 188549

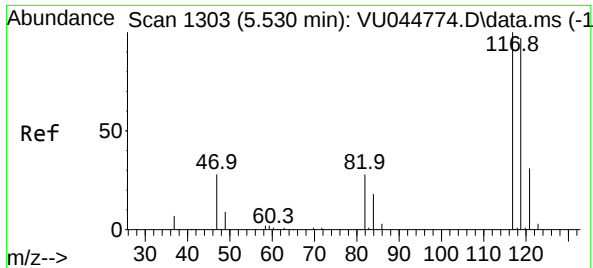
Ion Ratio Lower Upper

97 100

99 64.0 50.6 75.8

61 51.0 41.3 61.9

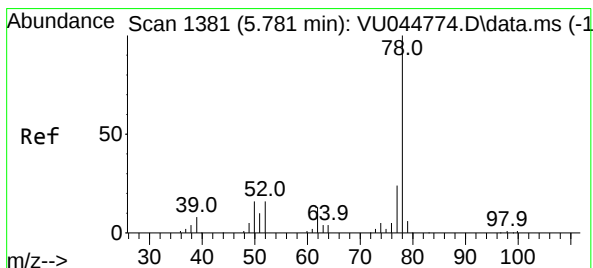
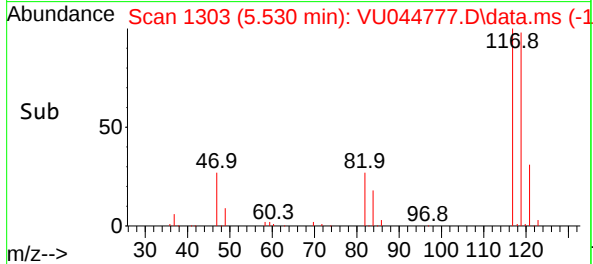
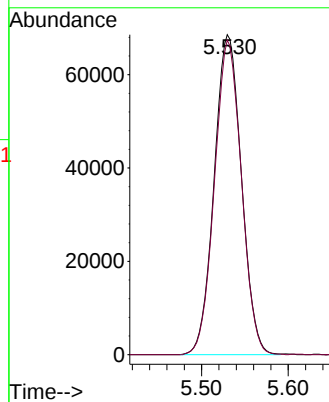
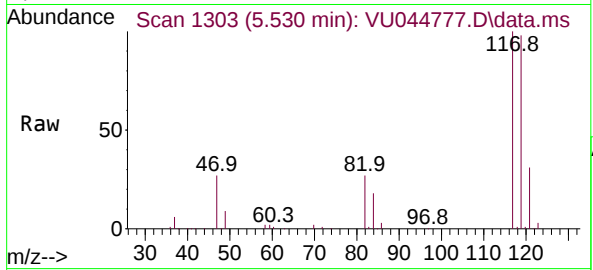




#31
Carbon tetrachloride
Concen: 48.322 ug/L
RT: 5.530 min Scan# 1303
Delta R.T. -0.000 min
Lab File: VU044777.D
Acq: 23 Sep 2021 11:46

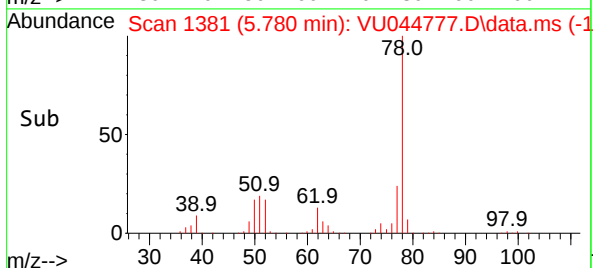
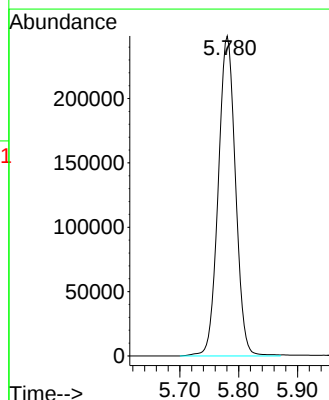
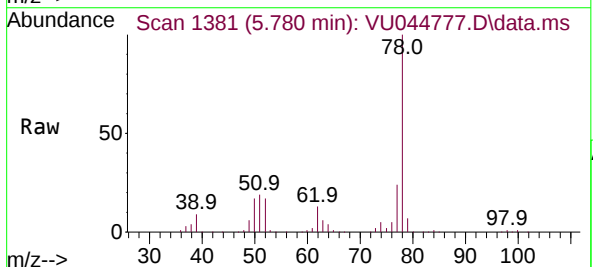
Instrument :
MSVOA_U
ClientSampleId :

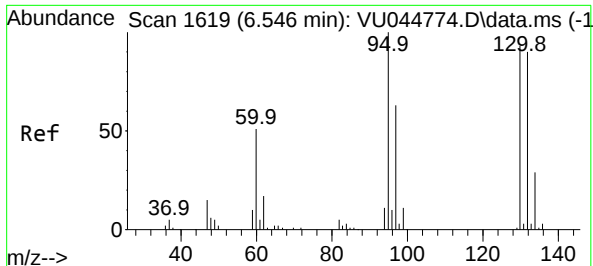
Tgt Ion:117 Resp: 149938
Ion Ratio Lower Upper
117 100
119 96.8 77.7 116.5



#33
Benzene
Concen: 48.049 ug/L
RT: 5.780 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VU044777.D
Acq: 23 Sep 2021 11:46

Tgt Ion: 78 Resp: 505769



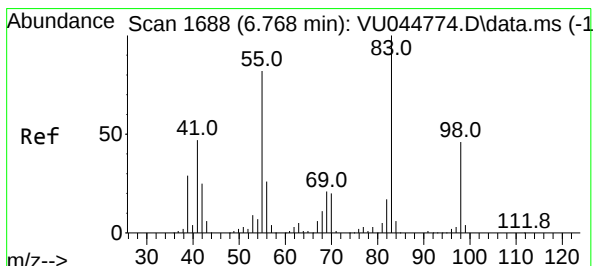
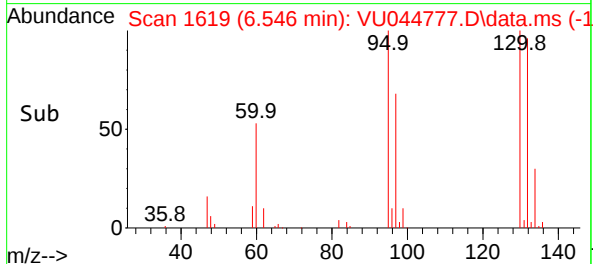
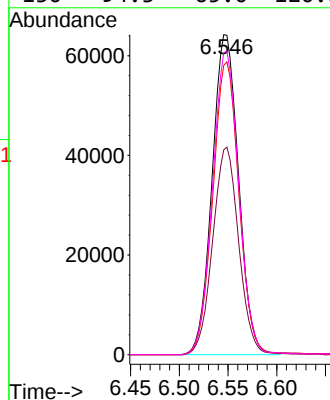
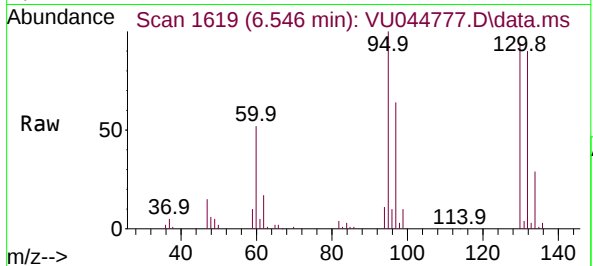


#34
Trichloroethene
Concen: 47.921 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU044777.D
Acq: 23 Sep 2021 11:46

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 95 Resp: 121157

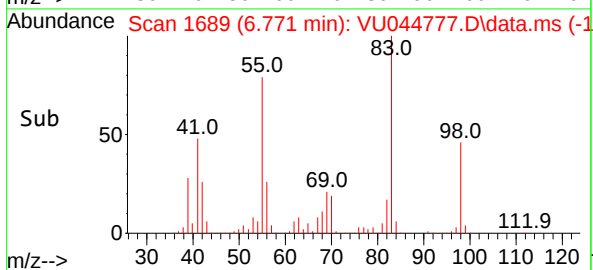
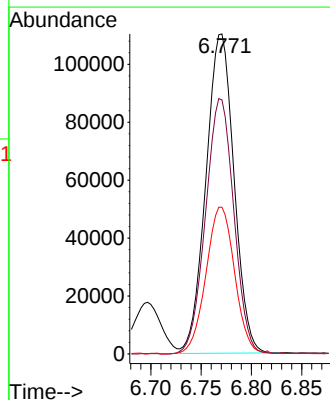
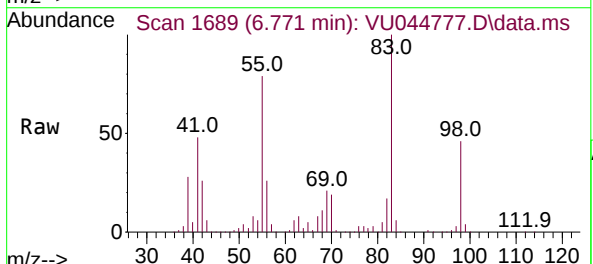
Ion	Ratio	Lower	Upper
95	100		
97	64.0	44.4	82.4
132	90.4	62.9	116.9
130	94.3	65.0	120.8

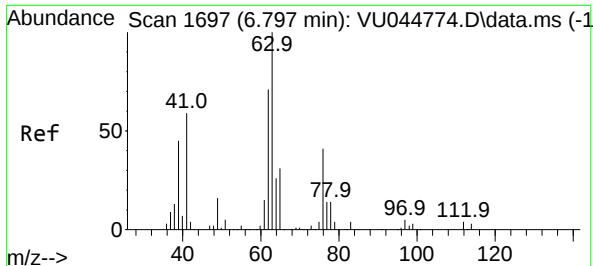


#35
Methylcyclohexane
Concen: 50.564 ug/L
RT: 6.771 min Scan# 1689
Delta R.T. 0.003 min
Lab File: VU044777.D
Acq: 23 Sep 2021 11:46

Tgt Ion: 83 Resp: 214029

Ion	Ratio	Lower	Upper
83	100		
55	80.7	65.8	98.6
98	47.0	37.1	55.7



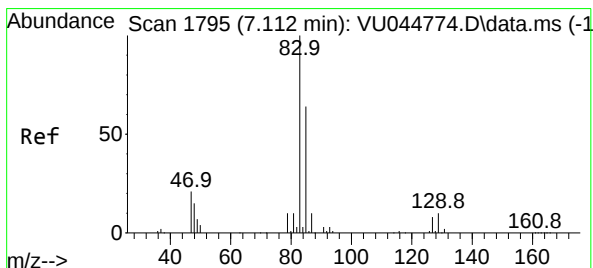
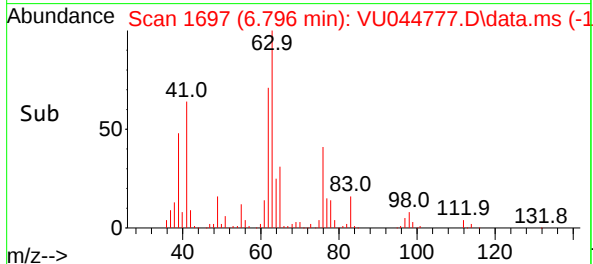
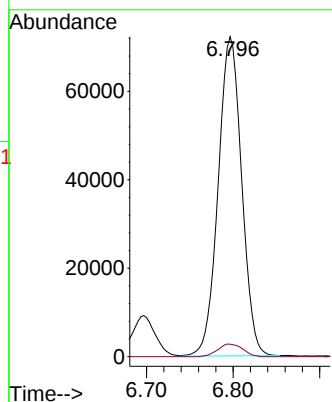
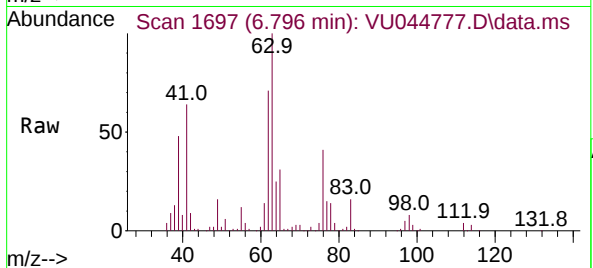


#37

1,2-Dichloropropane
Concen: 47.456 ug/L
RT: 6.796 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VU044777.D
Acq: 23 Sep 2021 11:46

Instrument :
MSVOA_U
ClientSampled :

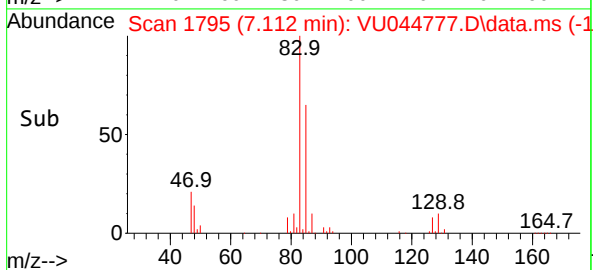
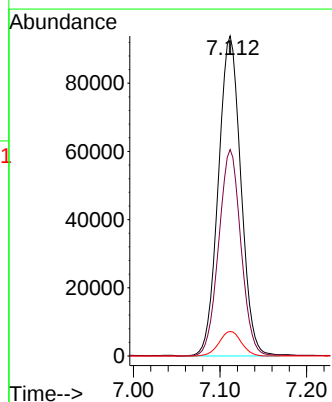
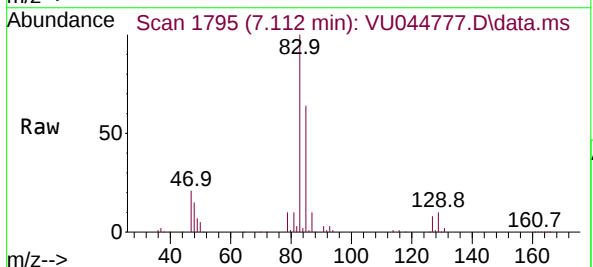
Tgt Ion: 63 Resp: 136006
Ion Ratio Lower Upper
63 100
112 4.2 3.2 4.8

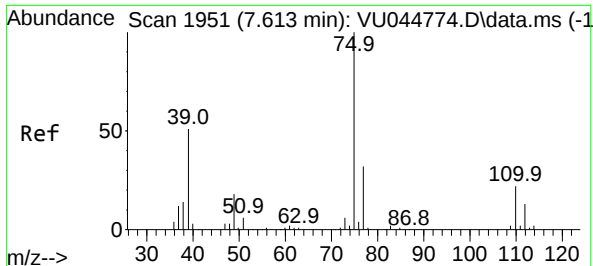


#38

Bromodichloromethane
Concen: 48.329 ug/L
RT: 7.112 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VU044777.D
Acq: 23 Sep 2021 11:46

Tgt Ion: 83 Resp: 169780
Ion Ratio Lower Upper
83 100
85 64.5 44.6 82.8
127 7.7 6.2 9.2



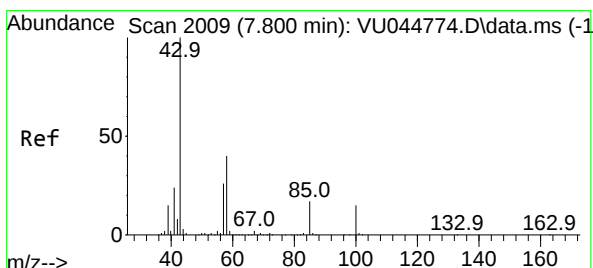
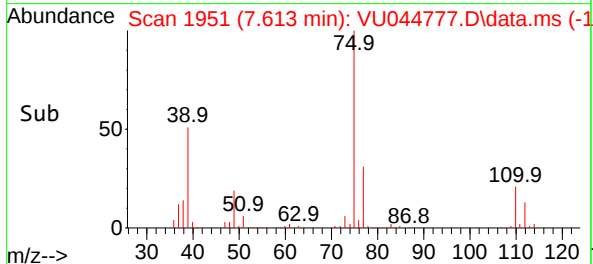
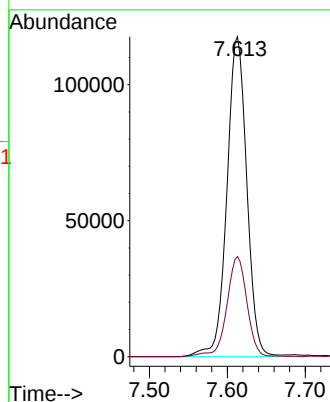
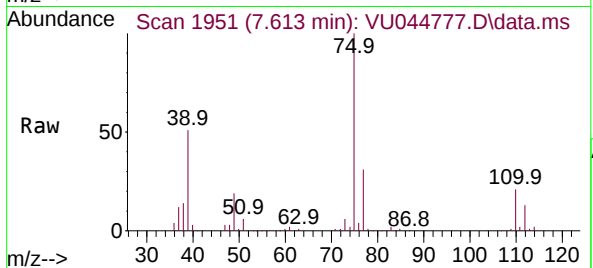


#39

cis-1,3-Dichloropropene
Concen: 50.733 ug/L
RT: 7.613 min Scan# 1951
Delta R.T. -0.000 min
Lab File: VU044777.D
Acq: 23 Sep 2021 11:46

Instrument :
MSVOA_U
ClientSampled :

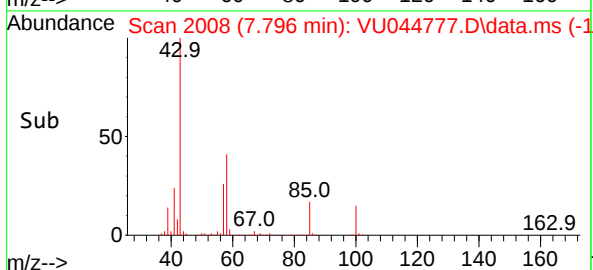
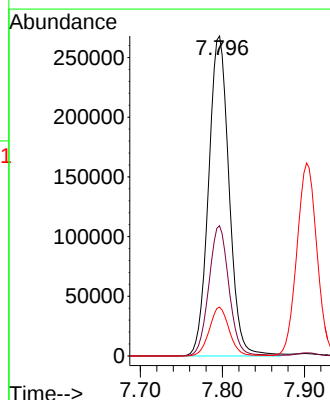
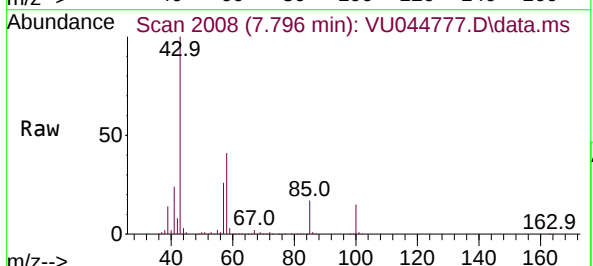
Tgt Ion: 75 Resp: 208041
Ion Ratio Lower Upper
75 100
77 31.3 22.4 41.6

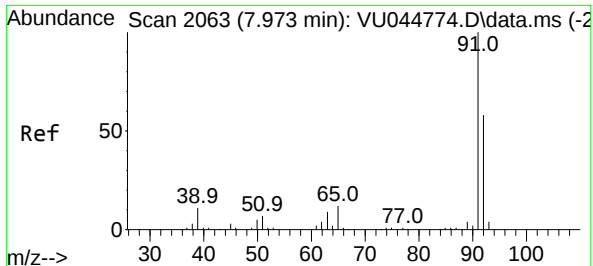


#40

4-Methyl-2-pentanone
Concen: 97.382 ug/L
RT: 7.796 min Scan# 2008
Delta R.T. -0.003 min
Lab File: VU044777.D
Acq: 23 Sep 2021 11:46

Tgt Ion: 43 Resp: 466215
Ion Ratio Lower Upper
43 100
58 40.2 31.8 47.8
100 14.8 11.8 17.6

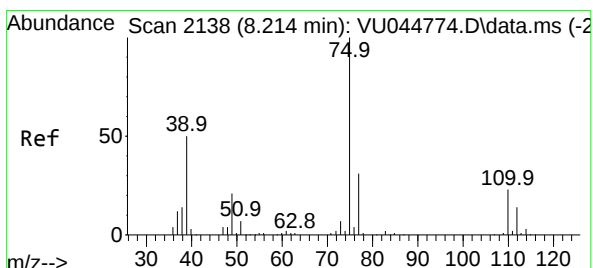
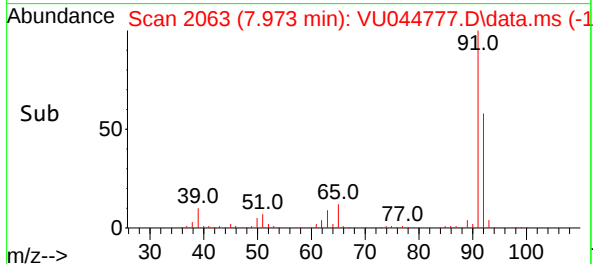
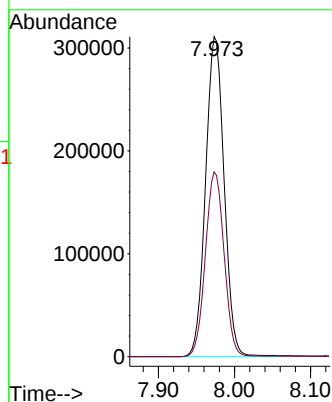
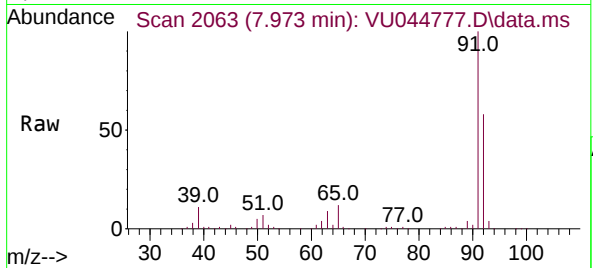




#42
Toluene
Concen: 49.429 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VU044777.D
Acq: 23 Sep 2021 11:46

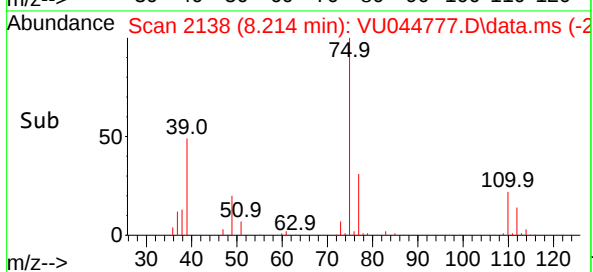
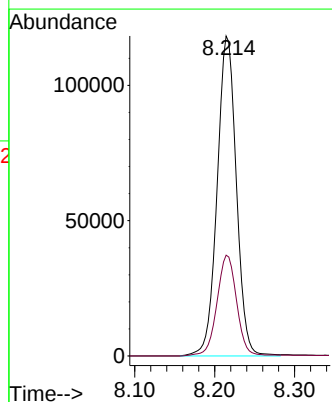
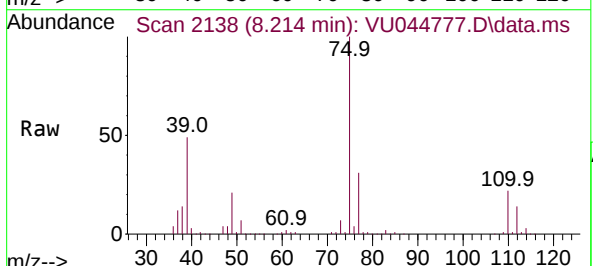
Instrument :
MSVOA_U
ClientSampled :

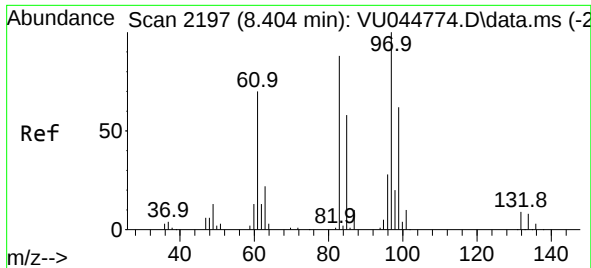
Tgt Ion: 91 Resp: 528641
Ion Ratio Lower Upper
91 100
92 57.8 40.5 75.1



#44
trans-1,3-Dichloropropene
Concen: 50.447 ug/L
RT: 8.214 min Scan# 2138
Delta R.T. -0.000 min
Lab File: VU044777.D
Acq: 23 Sep 2021 11:46

Tgt Ion: 75 Resp: 196703
Ion Ratio Lower Upper
75 100
77 31.5 21.7 40.3

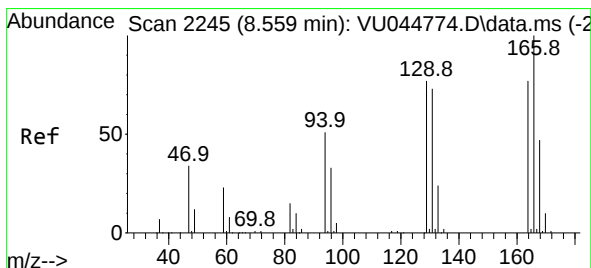
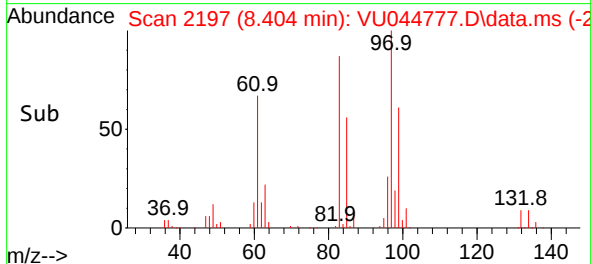
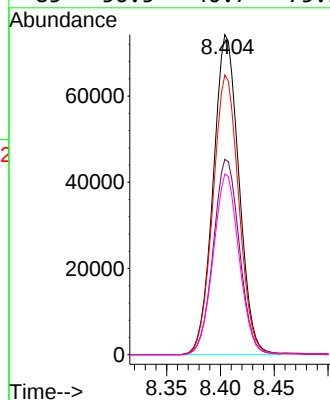
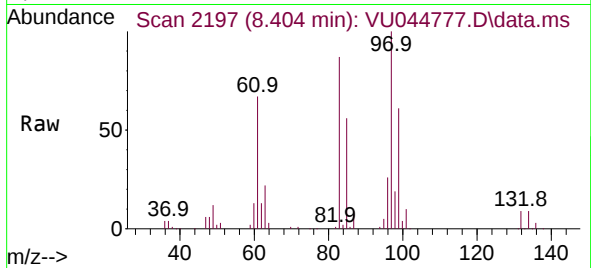




#45
1,1,2-Trichloroethane
Concen: 47.617 ug/L
RT: 8.404 min Scan# 2197
Delta R.T. -0.000 min
Lab File: VU044777.D
Acq: 23 Sep 2021 11:46

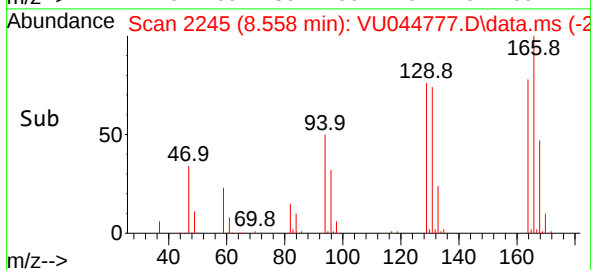
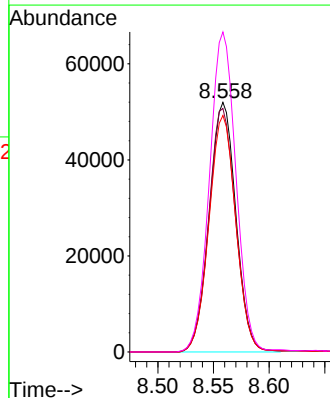
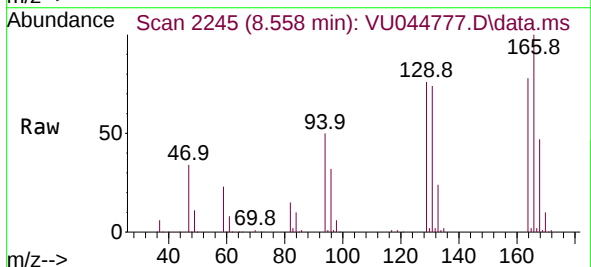
Instrument :
MSVOA_U
ClientSampleId :

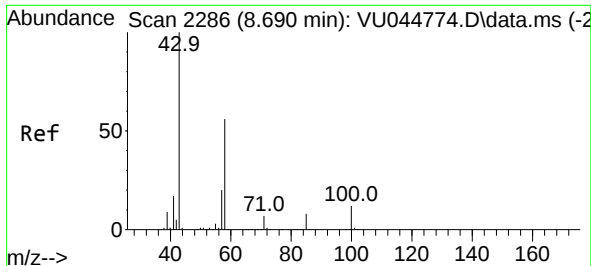
Tgt Ion:	97	Resp:	123674
Ion	Ratio	Lower	Upper
97	100		
99	61.0	43.7	81.1
83	87.4	61.9	115.1
85	56.5	40.7	75.5



#46
Tetrachloroethene
Concen: 47.895 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.000 min
Lab File: VU044777.D
Acq: 23 Sep 2021 11:46

Tgt Ion:	164	Resp:	86551
Ion	Ratio	Lower	Upper
164	100		
129	97.6	69.8	129.6
131	94.8	66.4	123.2
166	128.2	91.1	169.3

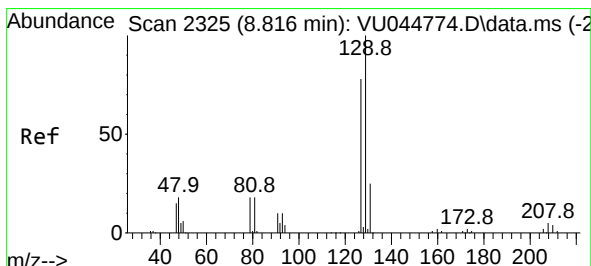
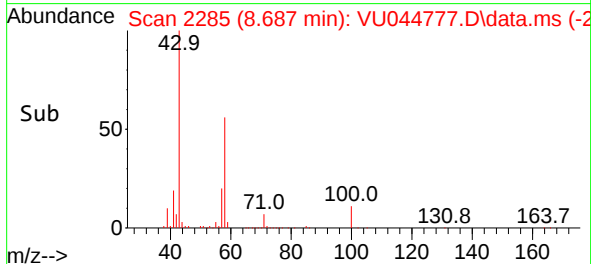
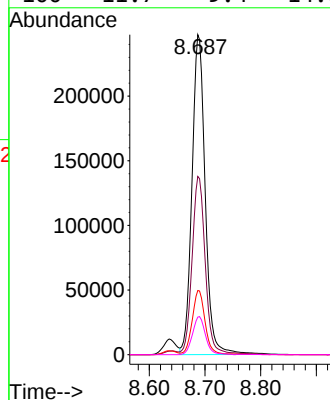
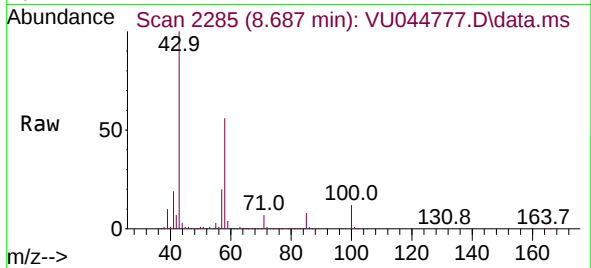




#48
2-Hexanone
Concen: 96.265 ug/L
RT: 8.687 min Scan# 2285
Delta R.T. -0.003 min
Lab File: VU044777.D
Acq: 23 Sep 2021 11:46

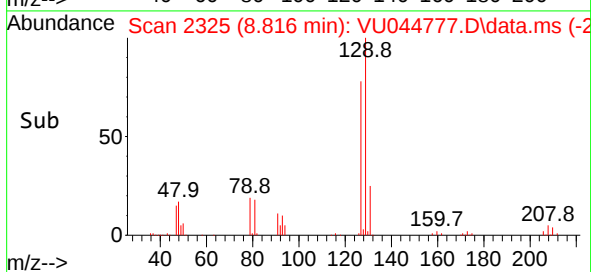
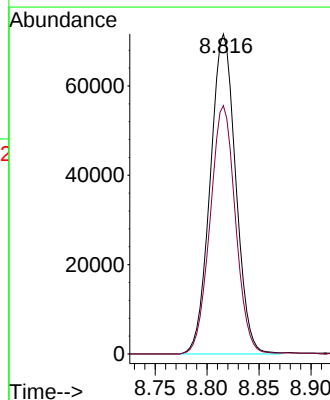
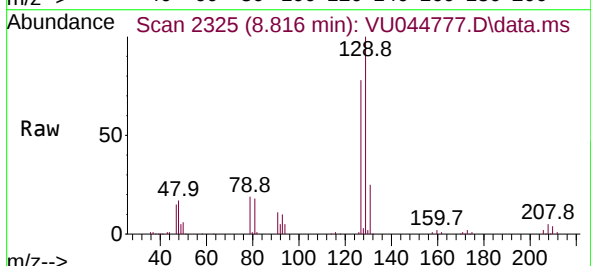
Instrument :
MSVOA_U
ClientSampled :

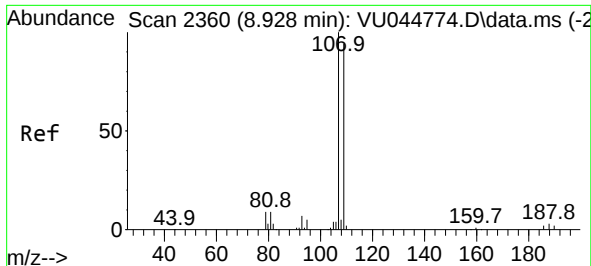
Tgt Ion: 43 Resp: 408685
Ion Ratio Lower Upper
43 100
58 55.2 44.9 67.3
57 19.8 15.5 23.3
100 11.7 9.4 14.0



#49
Dibromochloromethane
Concen: 47.530 ug/L
RT: 8.816 min Scan# 2325
Delta R.T. -0.000 min
Lab File: VU044777.D
Acq: 23 Sep 2021 11:46

Tgt Ion: 129 Resp: 122089
Ion Ratio Lower Upper
129 100
127 77.6 54.3 100.8





#50

1,2-Dibromoethane

Concen: 47.884 ug/L

RT: 8.928 min Scan# 2360

Delta R.T. -0.000 min

Lab File: VU044777.D

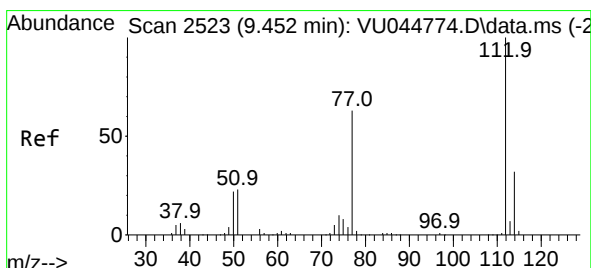
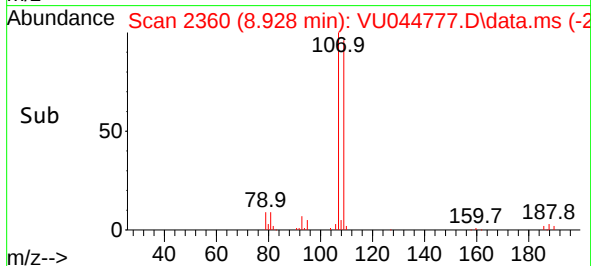
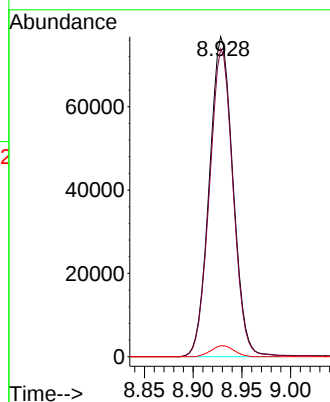
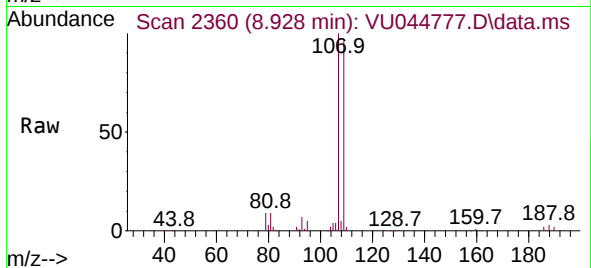
Acq: 23 Sep 2021 11:46

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	107	Resp:	130211
Ion	Ratio	Lower	Upper
107	100		
109	96.1	65.5	121.6
188	3.4	2.6	3.8



#51

Chlorobenzene

Concen: 48.598 ug/L

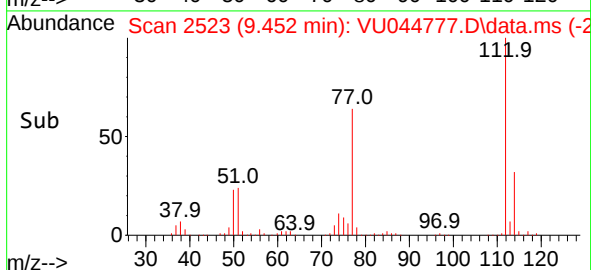
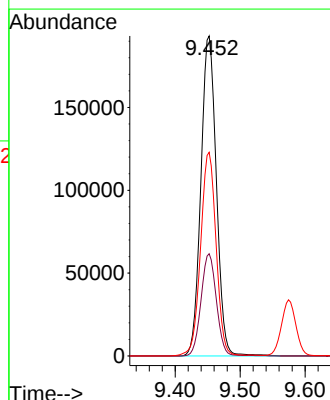
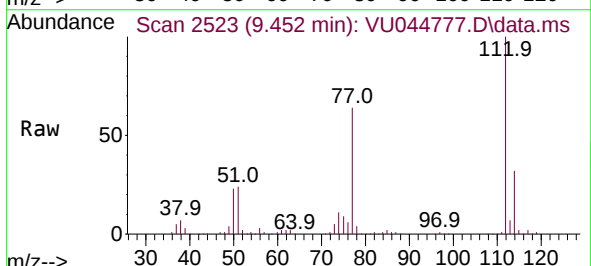
RT: 9.452 min Scan# 2523

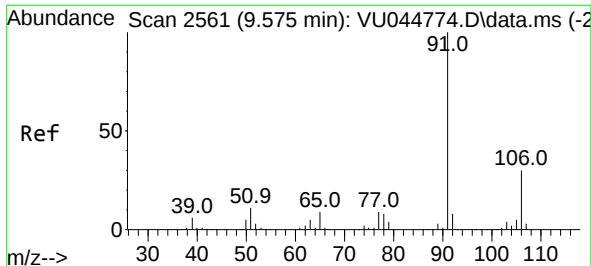
Delta R.T. -0.000 min

Lab File: VU044777.D

Acq: 23 Sep 2021 11:46

Tgt Ion:	112	Resp:	320877
Ion	Ratio	Lower	Upper
112	100		
114	32.0	22.5	41.9
77	63.7	50.6	75.8





#52

Ethylbenzene

Concen: 50.165 ug/L

RT: 9.574 min Scan# 2561

Delta R.T. -0.000 min

Lab File: VU044777.D

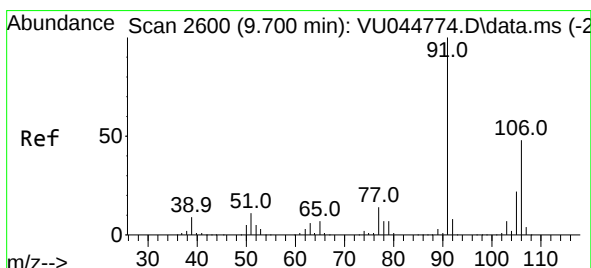
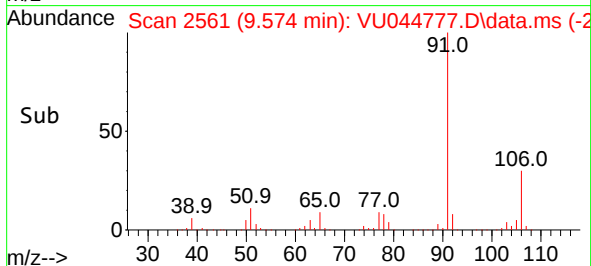
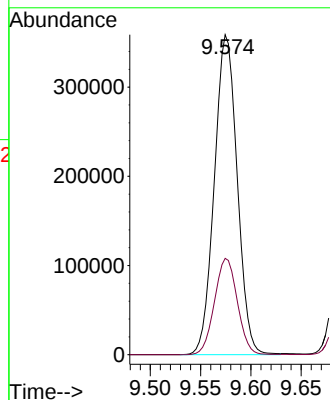
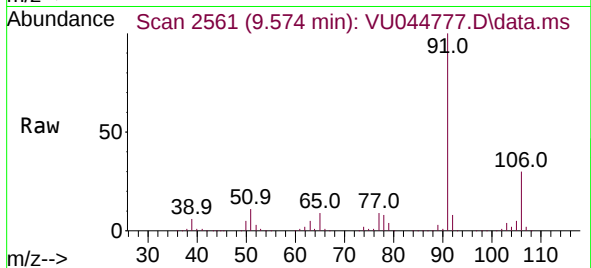
Acq: 23 Sep 2021 11:46

Tgt Ion: 91 Resp: 566771

Ion Ratio Lower Upper

91 100

106 30.1 21.2 39.4



#53

m,p-Xylene

Concen: 51.009 ug/L

RT: 9.700 min Scan# 2600

Delta R.T. -0.000 min

Lab File: VU044777.D

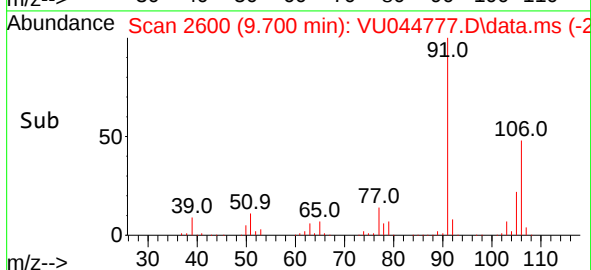
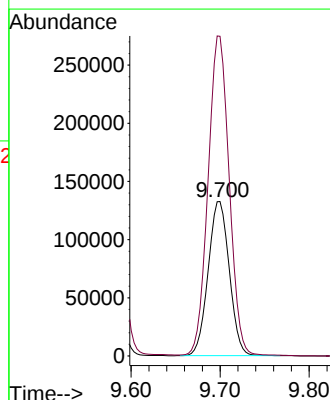
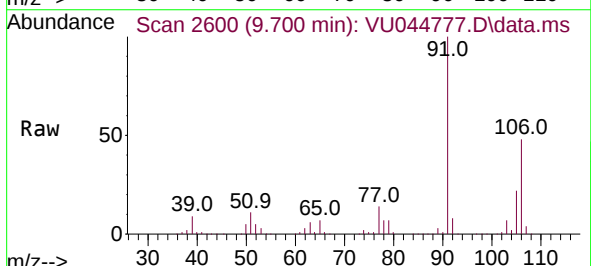
Acq: 23 Sep 2021 11:46

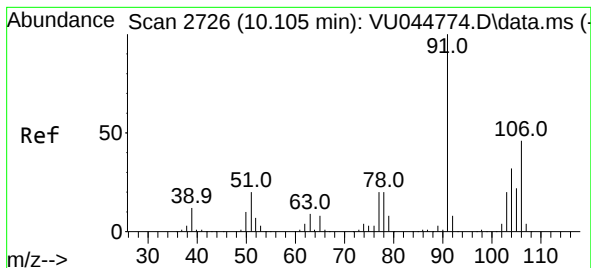
Tgt Ion: 106 Resp: 218318

Ion Ratio Lower Upper

106 100

91 207.1 146.7 272.4





#54

o-xylene

Concen: 50.673 ug/L

RT: 10.105 min Scan# 2726

Delta R.T. -0.000 min

Lab File: VU044777.D

Acq: 23 Sep 2021 11:46

Tgt Ion:106 Resp: 213123

Ion Ratio Lower Upper

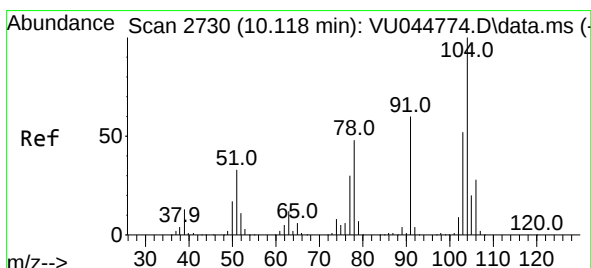
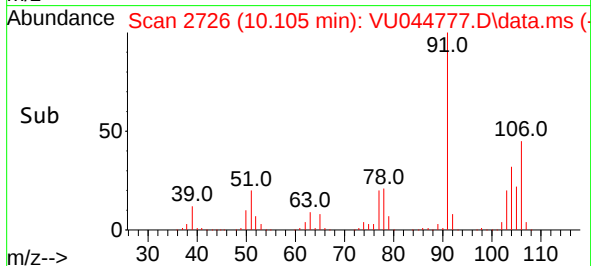
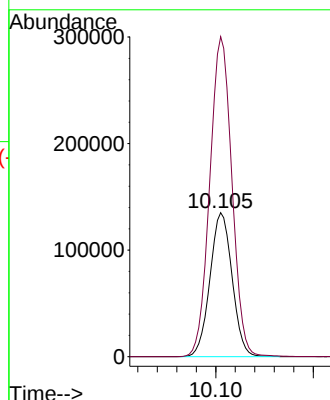
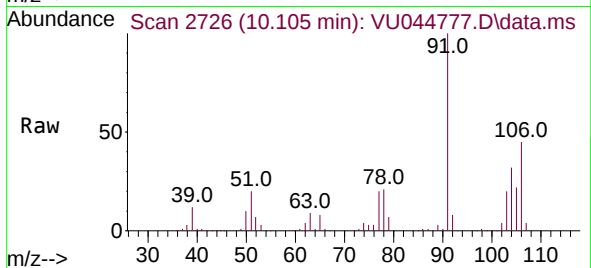
106 100

91 222.3 152.9 283.9

Instrument :

MSVOA_U

ClientSampleId :



#55

Styrene

Concen: 50.673 ug/L

RT: 10.118 min Scan# 2730

Delta R.T. -0.000 min

Lab File: VU044777.D

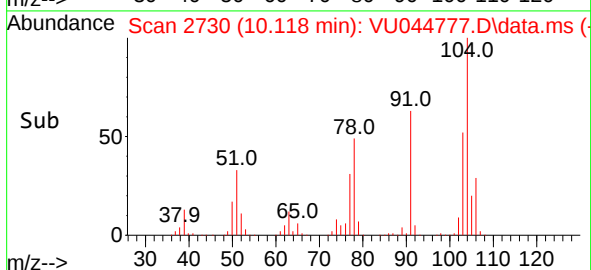
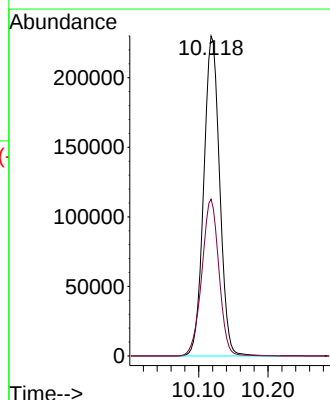
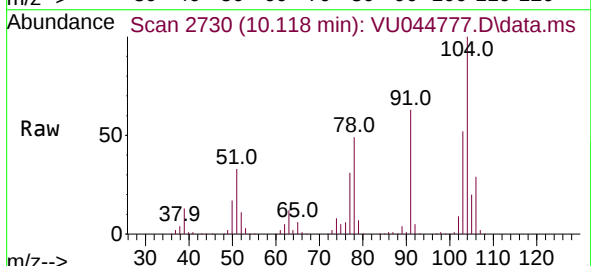
Acq: 23 Sep 2021 11:46

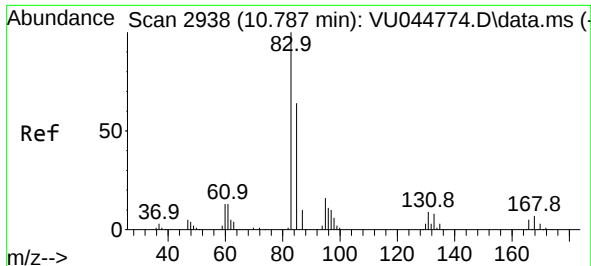
Tgt Ion:104 Resp: 366506

Ion Ratio Lower Upper

104 100

78 49.0 33.3 61.9

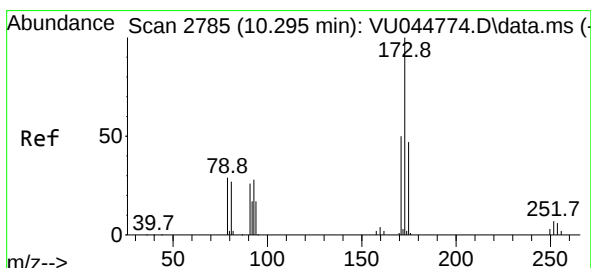
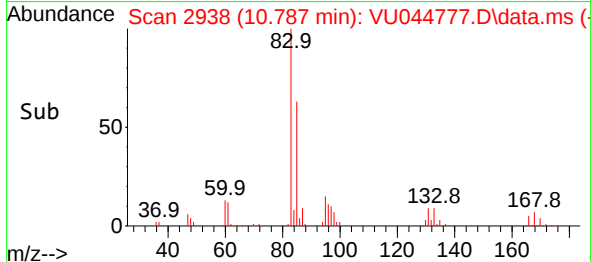
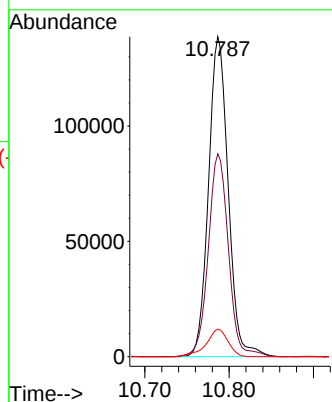
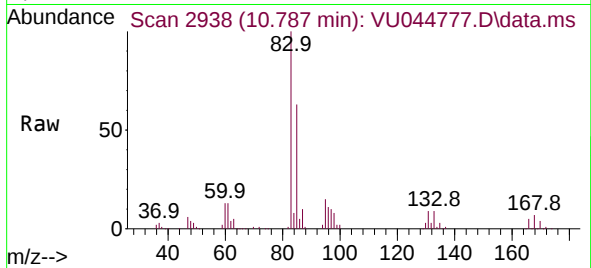




#57
1,1,2,2-Tetrachloroethane
Concen: 45.236 ug/L
RT: 10.787 min Scan# 2938
Delta R.T. -0.000 min
Lab File: VU044777.D
Acq: 23 Sep 2021 11:46

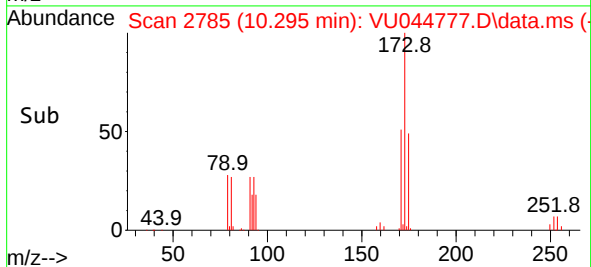
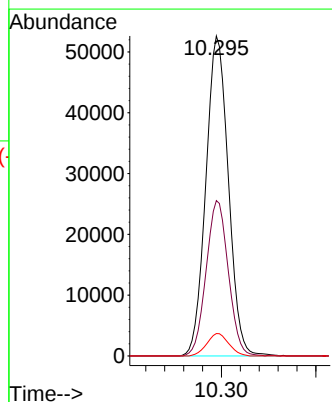
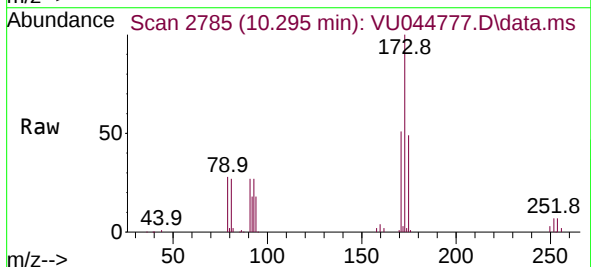
Instrument :
MSVOA_U
ClientSampleId :

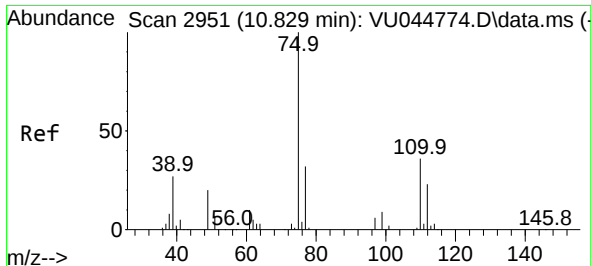
Tgt Ion: 83 Resp: 224962
Ion Ratio Lower Upper
83 100
85 63.4 45.1 83.7
131 8.6 6.9 10.3



#59
Bromoform
Concen: 48.905 ug/L
RT: 10.295 min Scan# 2785
Delta R.T. -0.000 min
Lab File: VU044777.D
Acq: 23 Sep 2021 11:46

Tgt Ion:173 Resp: 86986
Ion Ratio Lower Upper
173 100
175 47.8 38.4 57.6
254 6.9 5.3 7.9

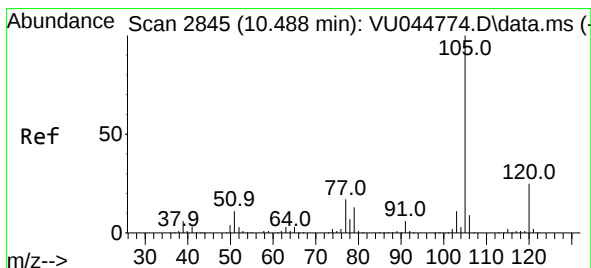
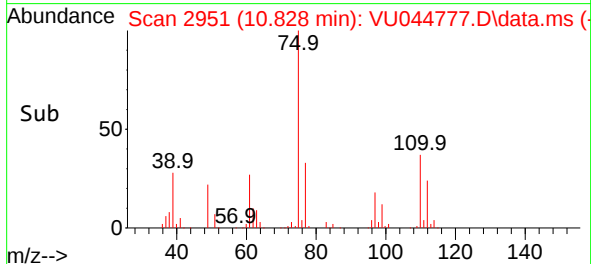
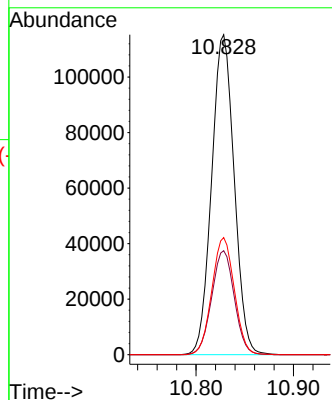
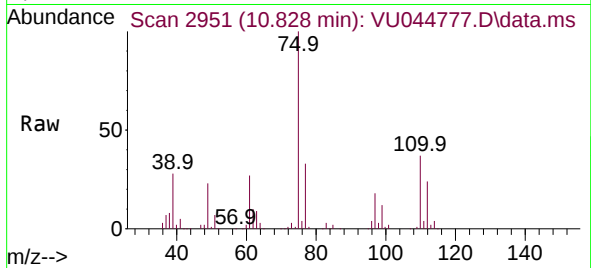




#60
1,2,3-Trichloropropane
Concen: 46.768 ug/L
RT: 10.828 min Scan# 2951
Delta R.T. -0.000 min
Lab File: VU044777.D
Acq: 23 Sep 2021 11:46

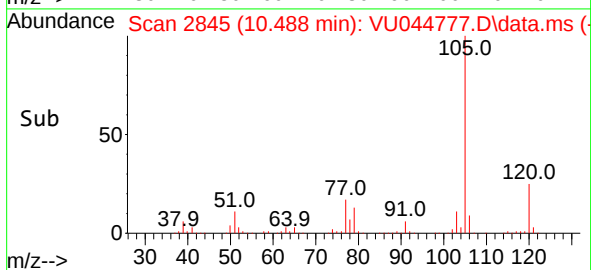
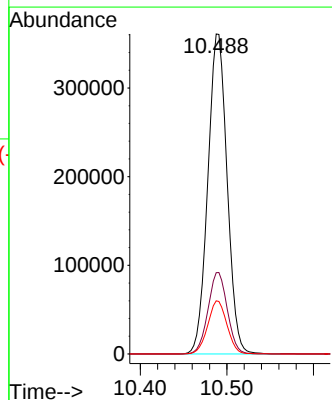
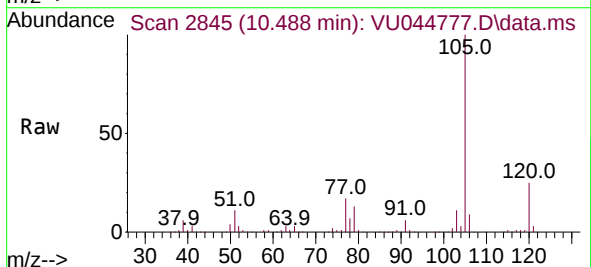
Instrument :
MSVOA_U
ClientSampled :

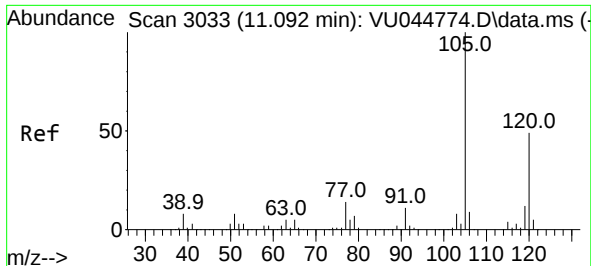
Tgt Ion: 75 Resp: 185513
Ion Ratio Lower Upper
75 100
77 32.6 25.5 38.3
110 36.3 29.0 43.4



#61
Isopropylbenzene
Concen: 53.155 ug/L
RT: 10.488 min Scan# 2845
Delta R.T. -0.000 min
Lab File: VU044777.D
Acq: 23 Sep 2021 11:46

Tgt Ion: 105 Resp: 557902
Ion Ratio Lower Upper
105 100
120 25.5 20.5 30.7
77 16.6 13.5 20.3

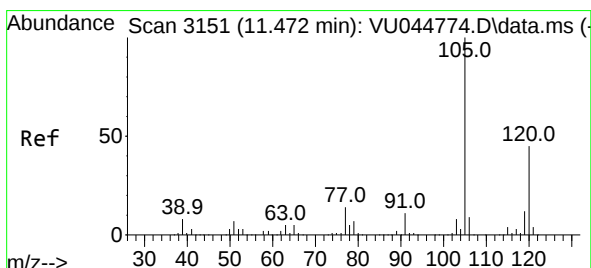
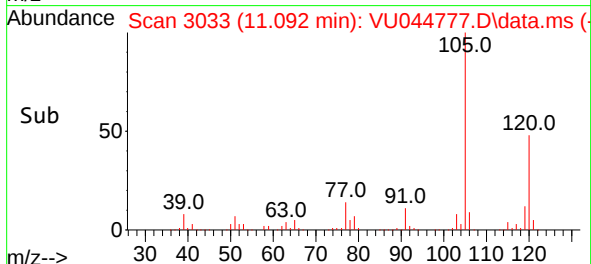
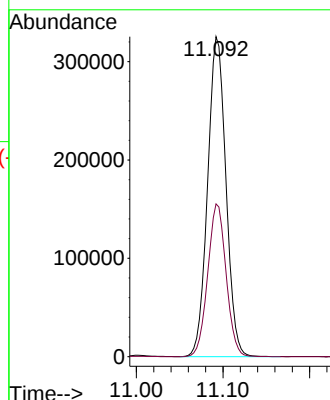
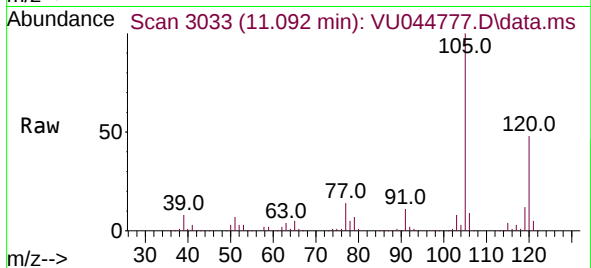




#62
1,3,5-Trimethylbenzene
Concen: 54.532 ug/L
RT: 11.092 min Scan# 3033
Delta R.T. -0.000 min
Lab File: VU044777.D
Acq: 23 Sep 2021 11:46

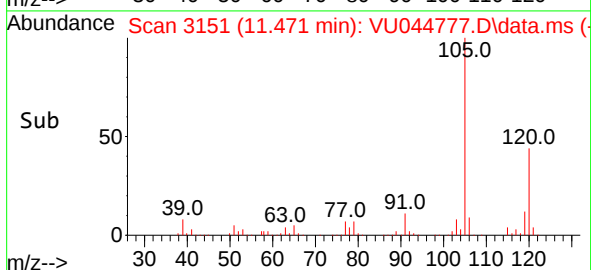
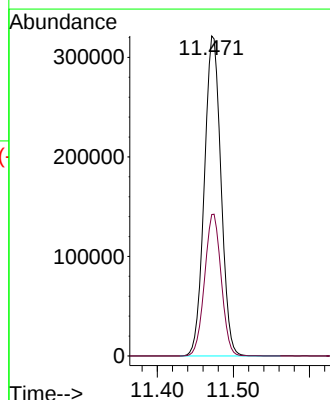
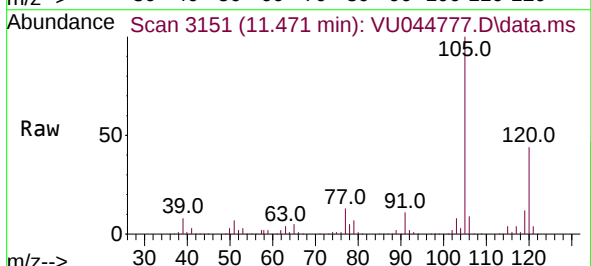
Instrument :
MSVOA_U
ClientSampleId :

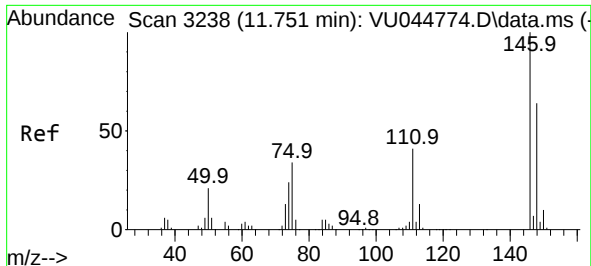
Tgt Ion:105 Resp: 477998
Ion Ratio Lower Upper
105 100
120 47.9 38.8 58.2



#63
1,2,4-Trimethylbenzene
Concen: 54.470 ug/L
RT: 11.471 min Scan# 3151
Delta R.T. -0.000 min
Lab File: VU044777.D
Acq: 23 Sep 2021 11:46

Tgt Ion:105 Resp: 488924
Ion Ratio Lower Upper
105 100
120 44.2 35.7 53.5

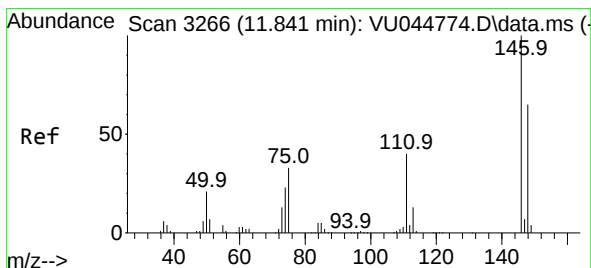
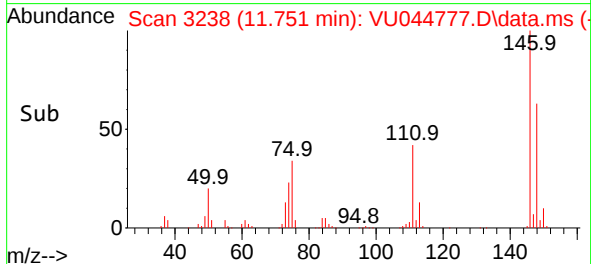
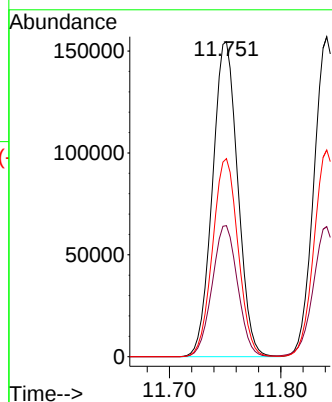
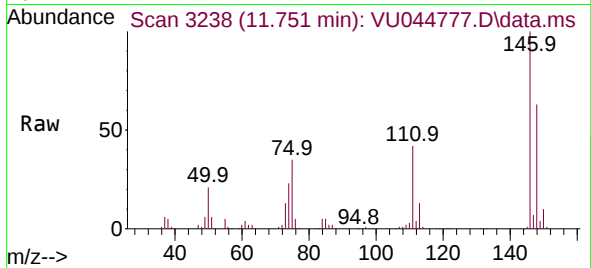




#64
1,3-Dichlorobenzene
Concen: 50.383 ug/L
RT: 11.751 min Scan# 3238
Delta R.T. -0.000 min
Lab File: VU044777.D
Acq: 23 Sep 2021 11:46

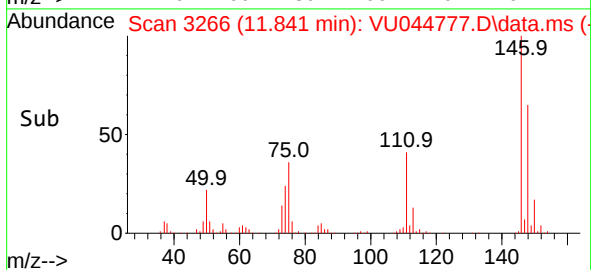
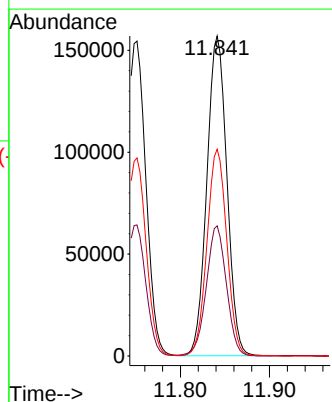
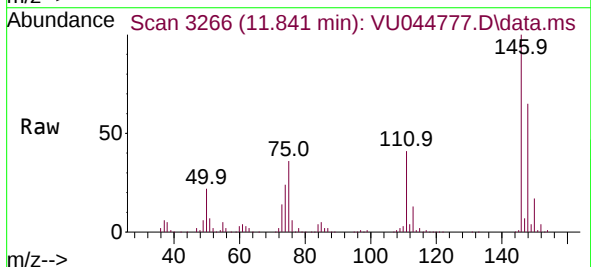
Instrument :
MSVOA_U
ClientSampleId :

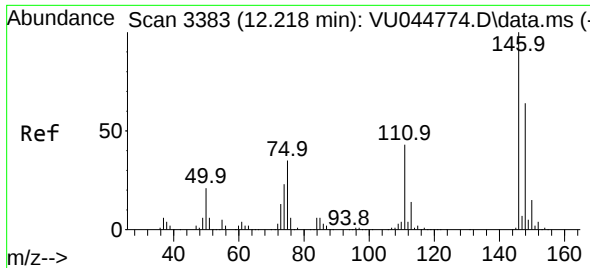
Tgt Ion:146 Resp: 244381
Ion Ratio Lower Upper
146 100
111 41.6 29.0 53.8
148 62.9 44.8 83.2



#65
1,4-Dichlorobenzene
Concen: 49.229 ug/L
RT: 11.841 min Scan# 3266
Delta R.T. -0.000 min
Lab File: VU044777.D
Acq: 23 Sep 2021 11:46

Tgt Ion:146 Resp: 244991
Ion Ratio Lower Upper
146 100
111 40.6 28.5 52.9
148 64.6 45.5 84.5

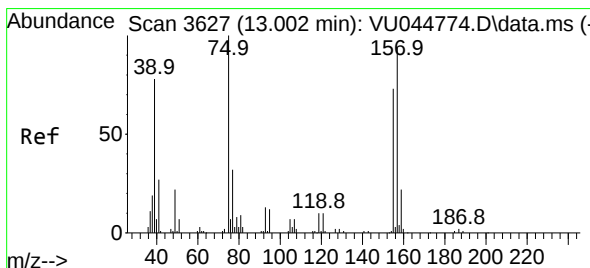
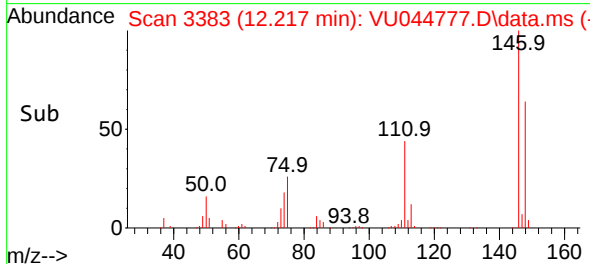
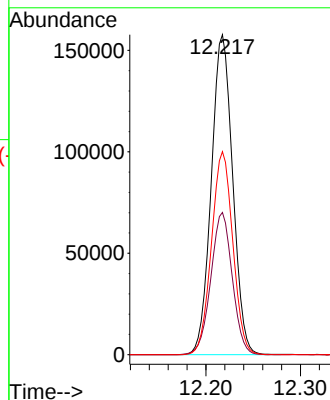
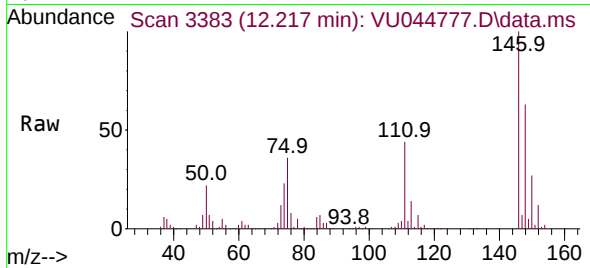




#67
1,2-Dichlorobenzene
Concen: 49.801 ug/L
RT: 12.217 min Scan# 3383
Delta R.T. -0.000 min
Lab File: VU044777.D
Acq: 23 Sep 2021 11:46

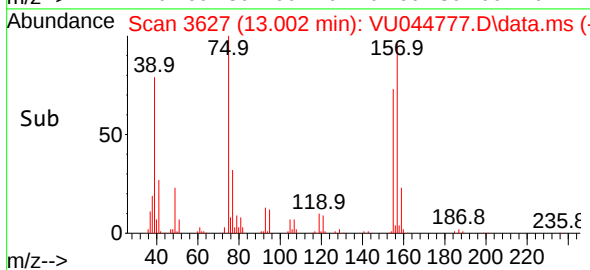
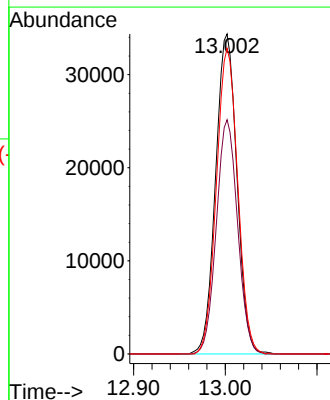
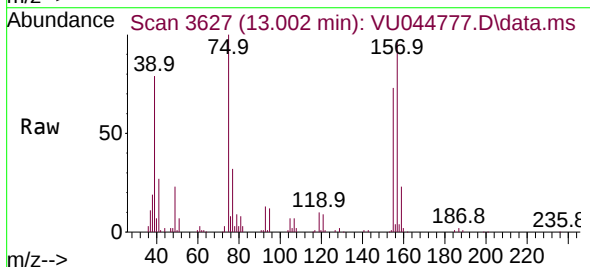
Instrument :
MSVOA_U
ClientSampleId :

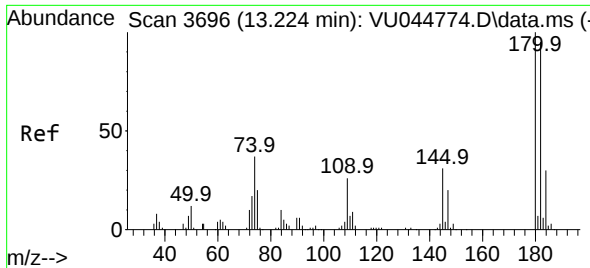
Tgt Ion:146 Resp: 247982
Ion Ratio Lower Upper
146 100
111 44.4 34.7 52.1
148 63.5 51.0 76.6



#68
1,2-Dibromo-3-chloropropane
Concen: 48.696 ug/L
RT: 13.002 min Scan# 3627
Delta R.T. -0.000 min
Lab File: VU044777.D
Acq: 23 Sep 2021 11:46

Tgt Ion: 75 Resp: 55510
Ion Ratio Lower Upper
75 100
155 73.2 58.5 87.7
157 99.3 77.7 116.5



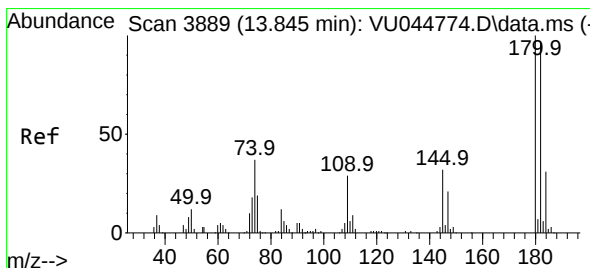
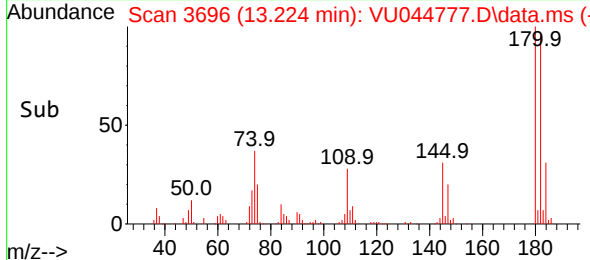
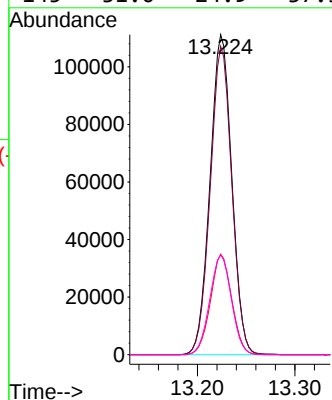
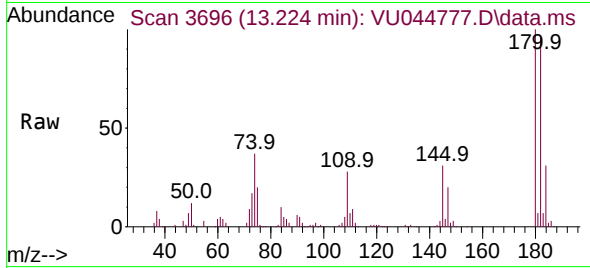


#69
 1,3,5-Trichlorobenzene
 Concen: 51.230 ug/L
 RT: 13.224 min Scan# 3696
 Delta R.T. -0.000 min
 Lab File: VU044777.D
 Acq: 23 Sep 2021 11:46

Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion:180 Resp: 172448

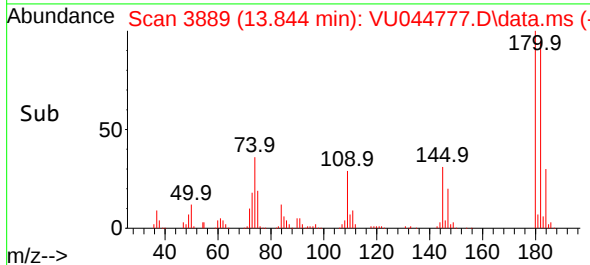
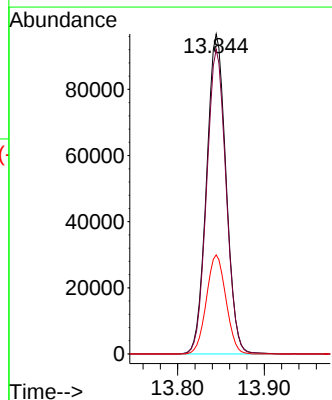
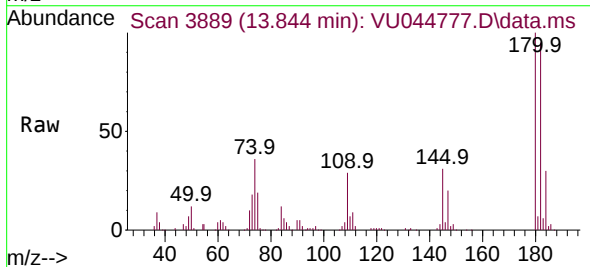
Ion	Ratio	Lower	Upper
180	100		
182	95.6	76.8	115.2
184	30.6	24.4	36.6
145	31.0	24.9	37.3

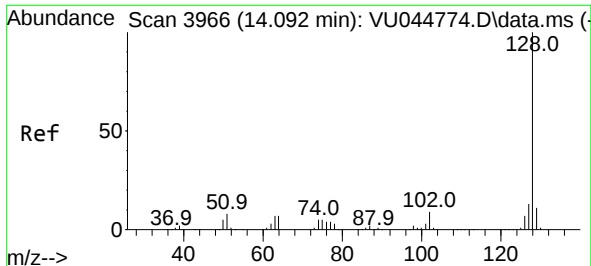


#70
 1,2,4-trichlorobenzene
 Concen: 54.100 ug/L
 RT: 13.844 min Scan# 3889
 Delta R.T. -0.000 min
 Lab File: VU044777.D
 Acq: 23 Sep 2021 11:46

Tgt Ion:180 Resp: 151330

Ion	Ratio	Lower	Upper
180	100		
182	95.0	76.2	114.2
145	31.0	25.4	38.0

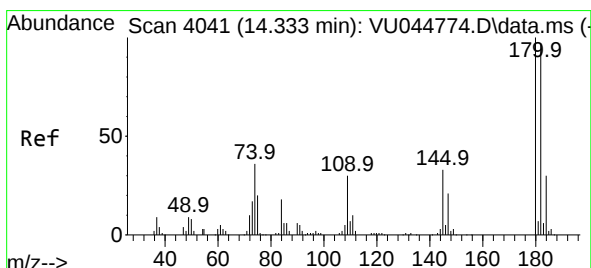
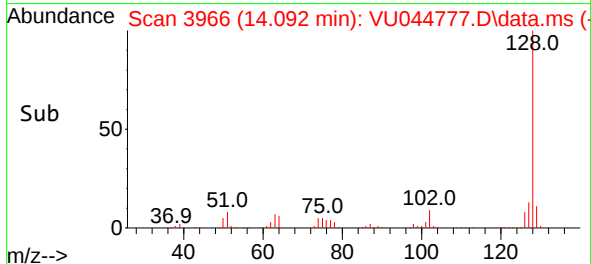
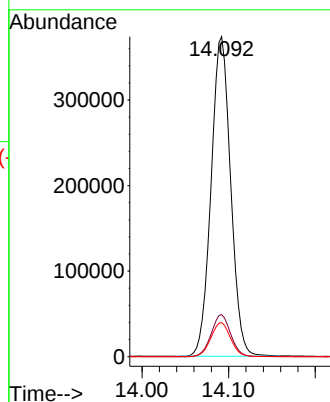
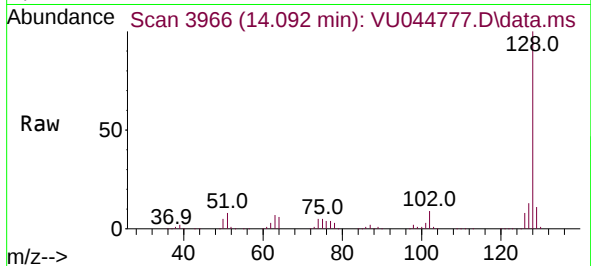




#71
Naphthalene
Concen: 60.563 ug/L
RT: 14.092 min Scan# 3966
Delta R.T. -0.000 min
Lab File: VU044777.D
Acq: 23 Sep 2021 11:46

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:	128	Resp:	587055
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.4	15.6
129	10.8	8.8	13.2



#72
1,2,3-Trichlorobenzene
Concen: 54.935 ug/L
RT: 14.336 min Scan# 4042
Delta R.T. 0.003 min
Lab File: VU044777.D
Acq: 23 Sep 2021 11:46

Tgt Ion:	180	Resp:	157224
Ion Ratio	Lower	Upper	
180	100		
182	95.1	76.8	115.2
145	33.4	26.5	39.7

