

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU063021\
 Data File : VU044273.D
 Acq On : 30 Jun 2021 20:28
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 01 02:41:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR062121WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jul 01 02:36:13 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	157595	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	144450	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	78811	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	33829	3.965	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.200%
7) Chloroethane-d5	1.919	69	36030	4.288	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.800%
11) 1,1-Dichloroethene-d2	2.575	65	18000	4.110	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.200%
20) 2-Butanone-d5	4.642	46	126073	40.124	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	80.240%
24) Chloroform-d	5.073	84	89175	4.642	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.800%
26) 1,2-Dichloroethane-d4	5.713	65	48965	4.265	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.200%
32) Benzene-d6	5.735	84	171054	4.768	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.400%
36) 1,2-Dichloropropane-d6	6.697	67	55428	4.767	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.400%
41) Toluene-d8	7.903	98	155184	4.662	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.200%
43) trans-1,3-Dichloroprop...	8.185	79	22432	4.160	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.200%
46) 2-Hexanone-d5	8.642	63	127703	49.717	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.440%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	47159	4.562	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.200%
66) 1,2-Dichlorobenzene-d4	12.198	152	64233	4.947	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	40026	4.313	ug/L	98
3) Chloromethane	1.523	50	42645	3.973	ug/L	100
5) Vinyl chloride	1.607	62	47085	4.228	ug/L	99
6) Bromomethane	1.864	94	26633	3.729	ug/L	97
8) Chloroethane	1.941	64	33221	4.384	ug/L	98
9) Trichlorofluoromethane	2.144	101	79099	5.086	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	44934	4.813	ug/L	96
12) 1,1-Dichloroethene	2.588	96	41227	4.531	ug/L	95
13) Acetone	2.652	43	69300	49.327	ug/L	91
14) Carbon disulfide	2.800	76	103556	3.695	ug/L	99
15) Methyl Acetate	2.964	43	20517	5.198	ug/L	98
16) Methylene chloride	3.054	84	49639	4.047	ug/L	96
17) Methyl tert-butyl Ether	3.372	73	126833	4.700	ug/L	99
18) trans-1,2-Dichloroethene	3.362	96	44146	4.558	ug/L	97
19) 1,1-Dichloroethane	3.880	63	88161	4.772	ug/L	99
21) 2-Butanone	4.723	43	136977	42.917	ug/L	99
22) cis-1,2-Dichloroethene	4.674	96	51666	4.875	ug/L	93
23) Bromochloromethane	4.983	128	23502	4.868	ug/L	93
25) Chloroform	5.099	83	91999	4.664	ug/L	97

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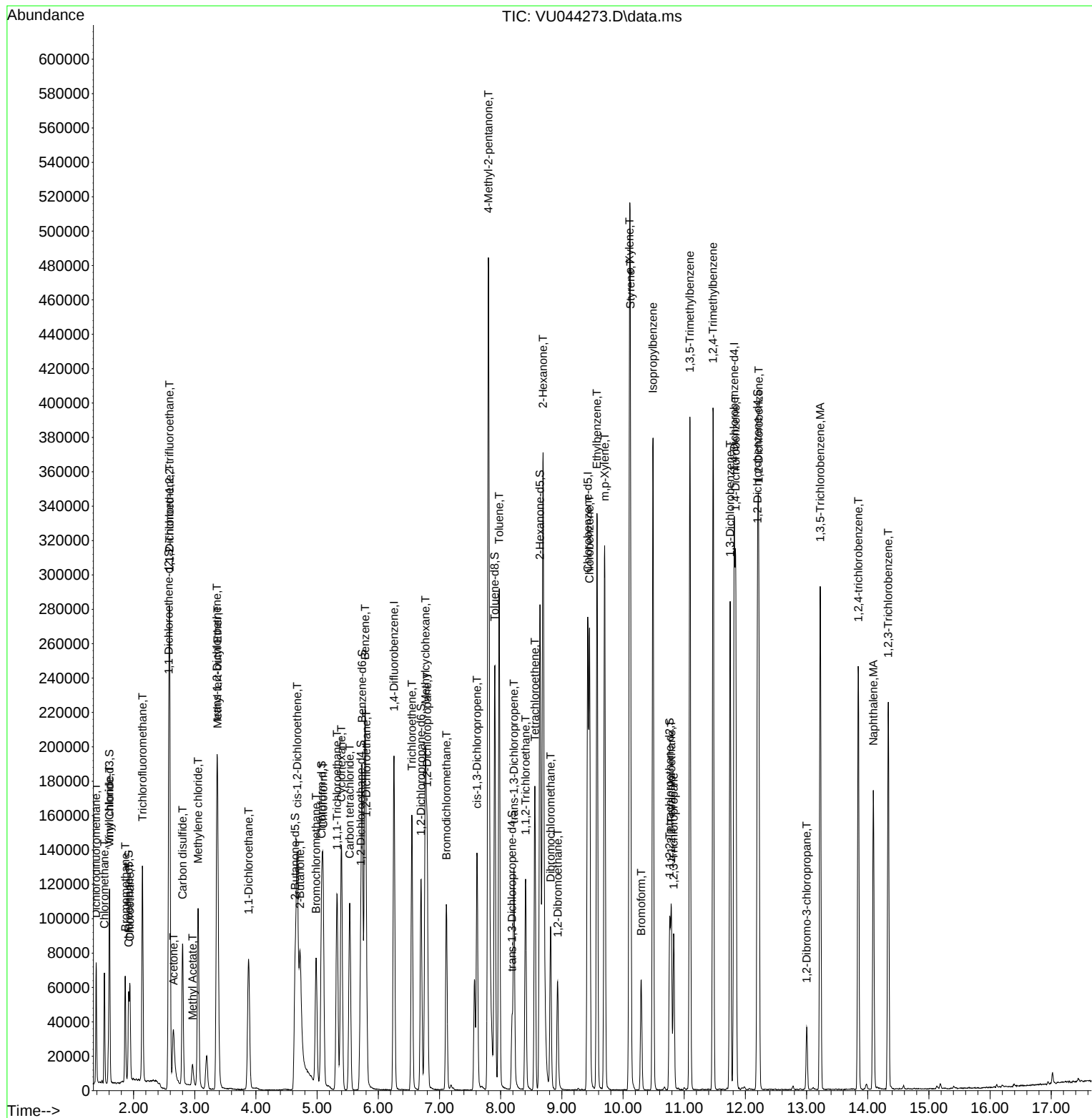
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 MSVOA_U
 ClientSampleId :

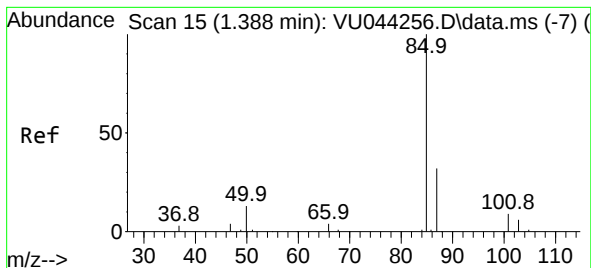
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	59081	4.494	ug/L	98
29) 1,1,1-Trichloroethane	5.327	97	83499	5.131	ug/L	98
30) Cyclohexane	5.395	56	73224	4.362	ug/L	96
31) Carbon tetrachloride	5.533	117	72811	5.251	ug/L	99
33) Benzene	5.784	78	187077	4.937	ug/L	100
34) Trichloroethene	6.549	95	51706	5.038	ug/L	95
35) Methylcyclohexane	6.771	83	76789	4.532	ug/L	98
37) 1,2-Dichloropropane	6.800	63	51592	5.155	ug/L	99
38) Bromodichloromethane	7.112	83	69814	4.962	ug/L	99
39) cis-1,3-Dichloropropene	7.613	75	77810	4.735	ug/L	99
40) 4-Methyl-2-pentanone	7.800	43	399442	49.667	ug/L	99
42) Toluene	7.976	91	201253	4.823	ug/L	100
44) trans-1,3-Dichloropropene	8.218	75	71222	4.726	ug/L	97
45) 1,1,2-Trichloroethane	8.407	97	37975	5.041	ug/L	98
47) Tetrachloroethene	8.558	164	38033	5.013	ug/L	97
48) 2-Hexanone	8.693	43	286380	50.530	ug/L	99
49) Dibromochloromethane	8.816	129	48782	5.102	ug/L	98
50) 1,2-Dibromoethane	8.931	107	36539	5.021	ug/L	98
51) Chlorobenzene	9.452	112	134837	5.045	ug/L	99
52) Ethylbenzene	9.574	91	234699	4.872	ug/L	99
53) m,p-Xylene	9.700	106	90416	4.957	ug/L	97
54) o-Xylene	10.105	106	88843	5.010	ug/L	96
55) Styrene	10.121	104	152397	4.901	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.790	83	49918	4.995	ug/L	98
59) Bromoform	10.298	173	28553	5.118	ug/L	98
60) Isopropylbenzene	10.491	105	242449	5.059	ug/L	99
61) 1,2,3-Trichloropropane	10.828	75	37041	5.206	ug/L	99
62) 1,3,5-Trimethylbenzene	11.092	105	209197	5.010	ug/L	98
63) 1,2,4-Trimethylbenzene	11.472	105	214648	5.026	ug/L	99
64) 1,3-Dichlorobenzene	11.751	146	112397	5.196	ug/L	97
65) 1,4-Dichlorobenzene	11.841	146	111111	5.094	ug/L	99
67) 1,2-Dichlorobenzene	12.217	146	105117	5.167	ug/L	100
68) 1,2-Dibromo-3-chloropr...	13.002	75	9244	4.974	ug/L	98
69) 1,3,5-Trichlorobenzene	13.224	180	86549	5.250	ug/L	98
70) 1,2,4-trichlorobenzene	13.844	180	73684	5.278	ug/L	98
71) Naphthalene	14.092	128	135817	5.373	ug/L	99
72) 1,2,3-Trichlorobenzene	14.336	180	65095	5.398	ug/L	100

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

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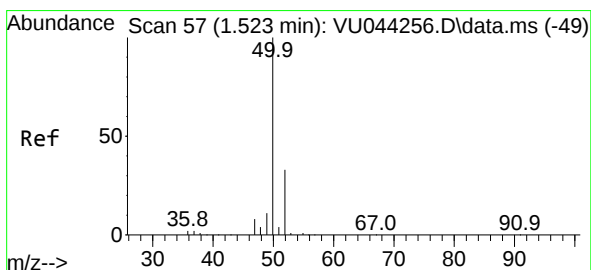
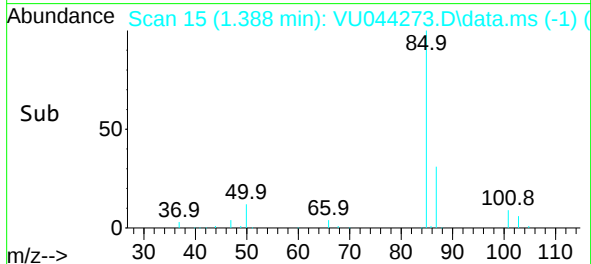
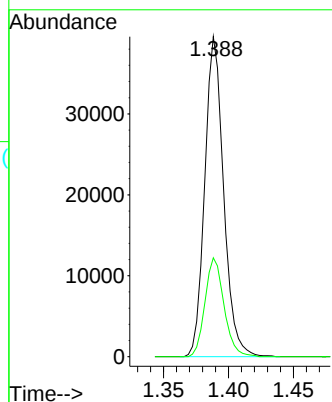
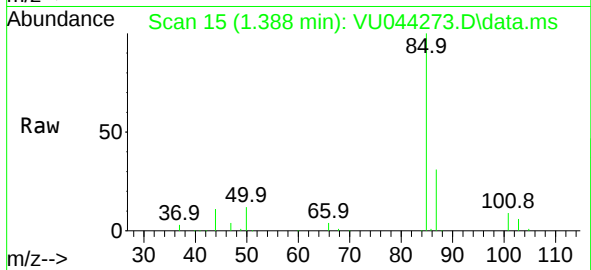




#2
Dichlorodifluoromethane
Concen: 4.313 ug/L
RT: 1.388 min Scan# 15
Delta R.T. 0.000 min
Lab File: VU044273.D
Acq: 30 Jun 2021 20:28

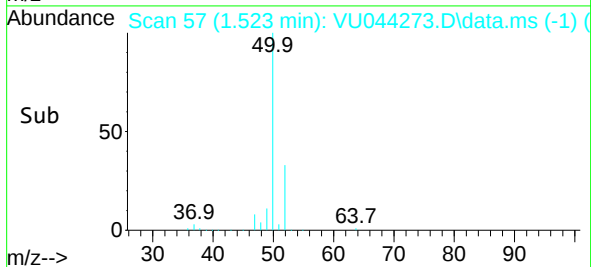
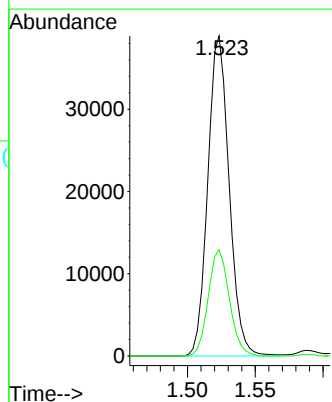
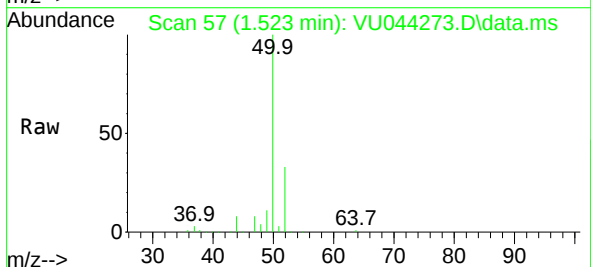
Instrument :
MSVOA_U
ClientSampleId :

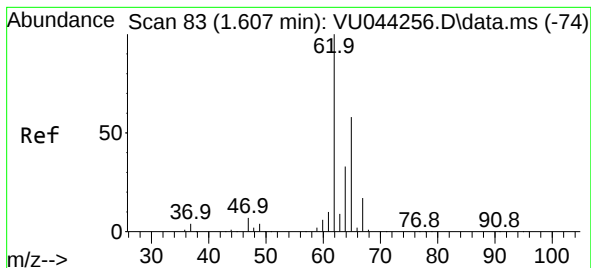
Tgt Ion: 85 Resp: 40026
Ion Ratio Lower Upper
85 100
87 31.1 25.6 38.4



#3
Chloromethane
Concen: 3.973 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU044273.D
Acq: 30 Jun 2021 20:28

Tgt Ion: 50 Resp: 42645
Ion Ratio Lower Upper
50 100
52 33.1 23.1 42.9





#5

Vinyl chloride

Concen: 4.228 ug/L

RT: 1.607 min Scan# 83

Delta R.T. 0.000 min

Lab File: VU044273.D

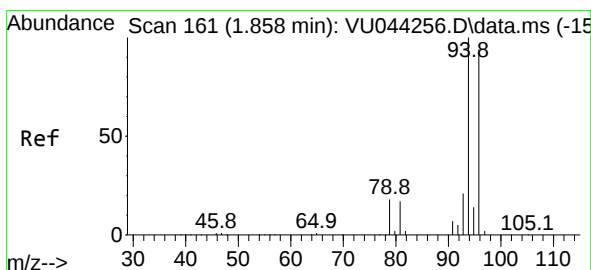
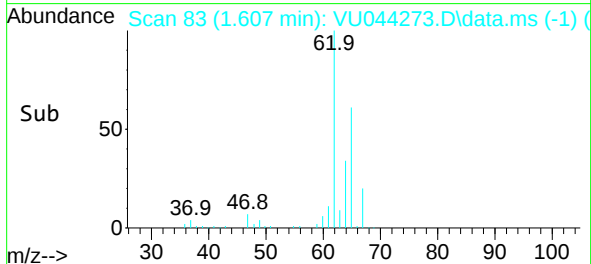
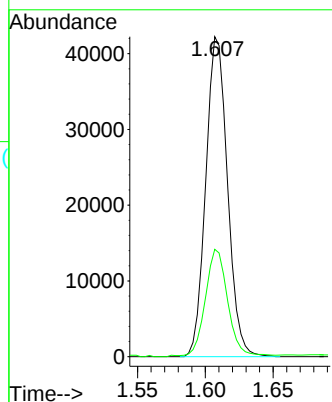
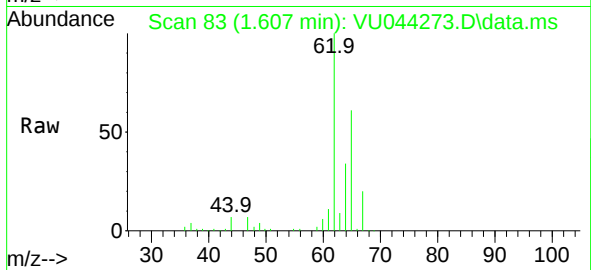
Acq: 30 Jun 2021 20:28

Tgt Ion: 62 Resp: 47085

Ion Ratio Lower Upper

62 100

64 33.6 23.7 44.1



#6

Bromomethane

Concen: 3.729 ug/L

RT: 1.864 min Scan# 163

Delta R.T. 0.006 min

Lab File: VU044273.D

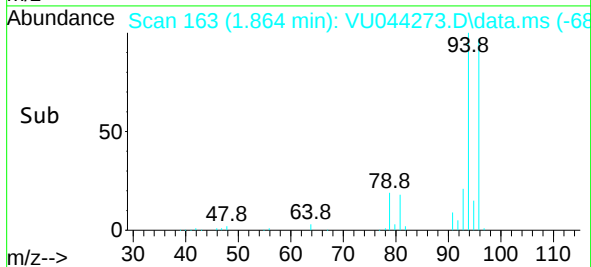
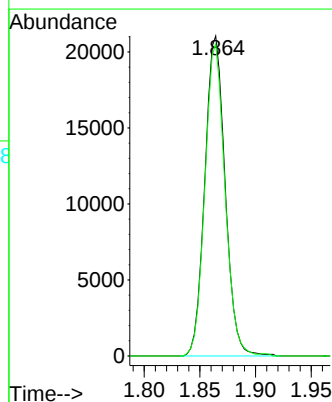
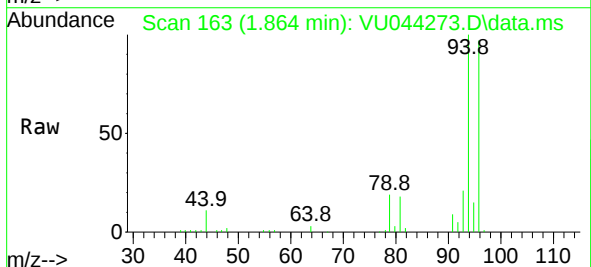
Acq: 30 Jun 2021 20:28

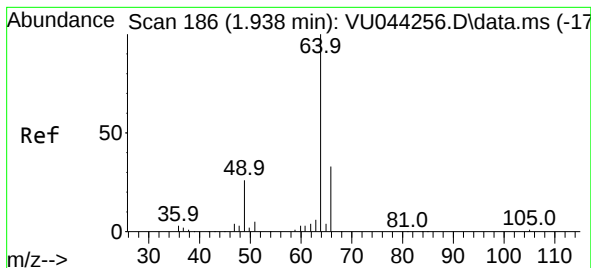
Tgt Ion: 94 Resp: 26633

Ion Ratio Lower Upper

94 100

96 97.4 65.8 122.2





#8

Chloroethane

Concen: 4.384 ug/L

RT: 1.941 min Scan# 187

Delta R.T. 0.003 min

Lab File: VU044273.D

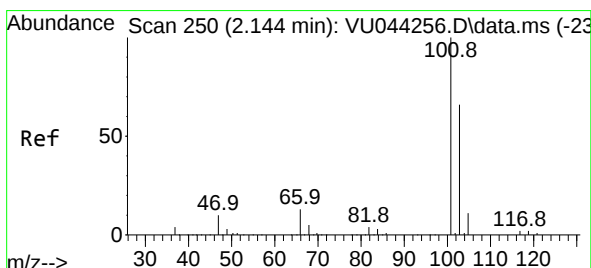
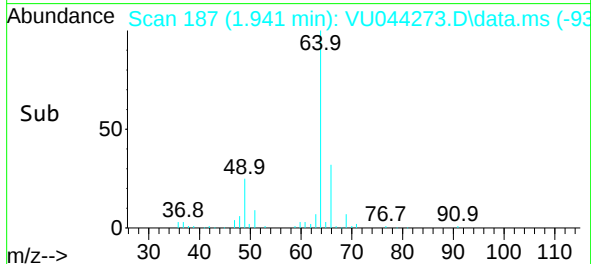
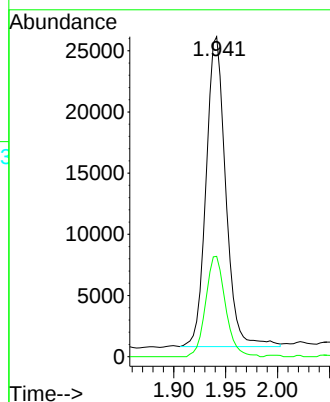
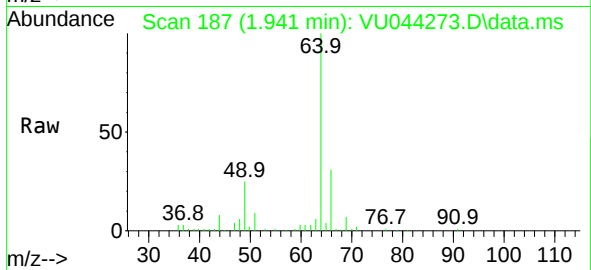
Acq: 30 Jun 2021 20:28

Tgt Ion: 64 Resp: 33221

Ion Ratio Lower Upper

64 100

66 31.4 22.7 42.3



#9

Trichlorofluoromethane

Concen: 5.086 ug/L

RT: 2.144 min Scan# 250

Delta R.T. 0.000 min

Lab File: VU044273.D

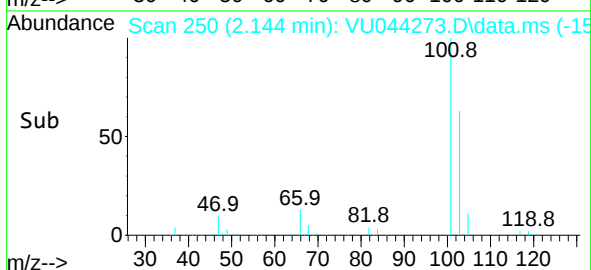
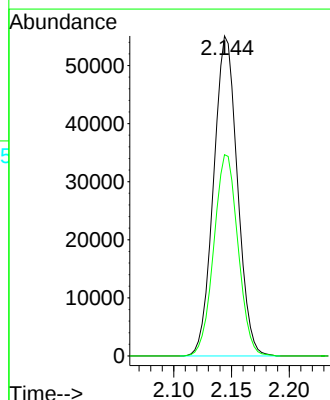
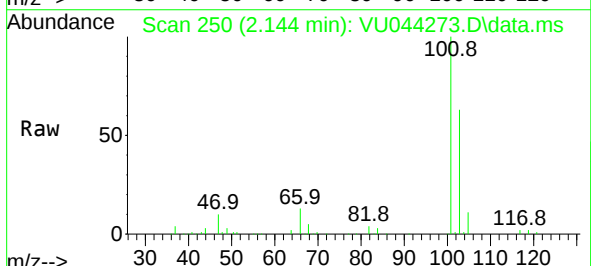
Acq: 30 Jun 2021 20:28

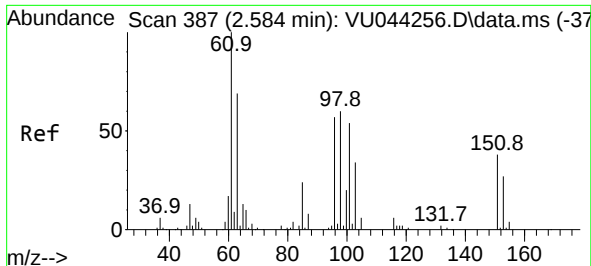
Tgt Ion: 101 Resp: 79099

Ion Ratio Lower Upper

101 100

103 63.9 51.8 77.8





#10

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

Concen: 4.813 ug/L

RT: 2.588 min Scan# 388

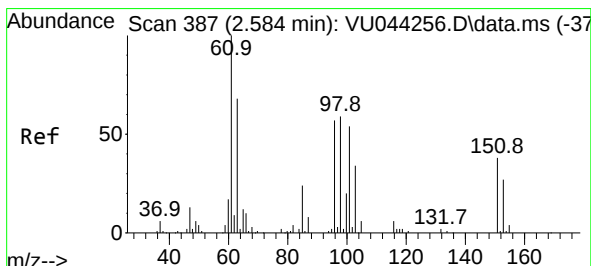
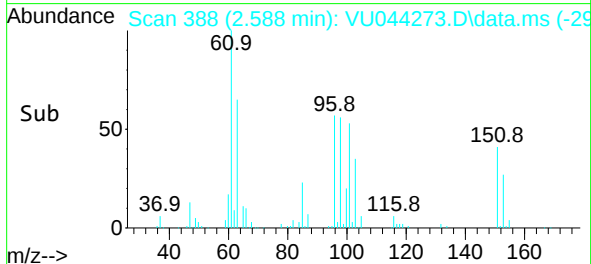
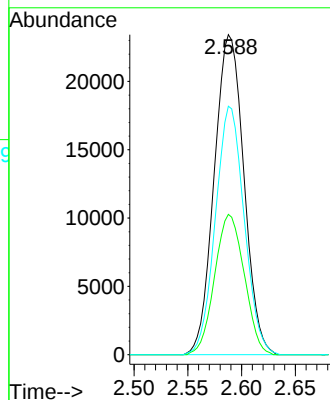
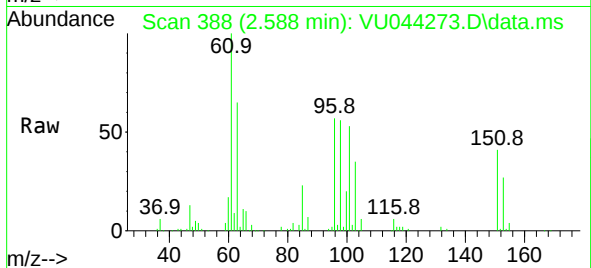
Delta R.T. 0.003 min

Lab File: VU044273.D

Acq: 30 Jun 2021 20:28

Tgt Ion:	101	Resp:	44934
Ion Ratio	Lower	Upper	
101	100		
85	43.7	37.0	55.4
151	75.5	58.1	87.1

Instrument :
MSVOA_U
ClientSampleId :



#12

1,1-Dichloroethene

Concen: 4.531 ug/L

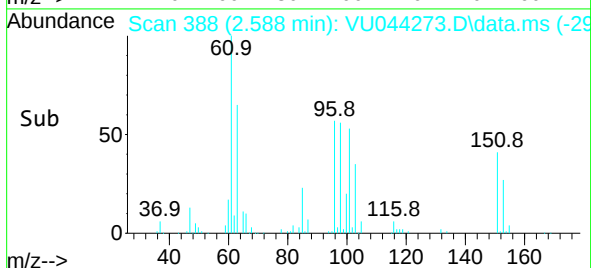
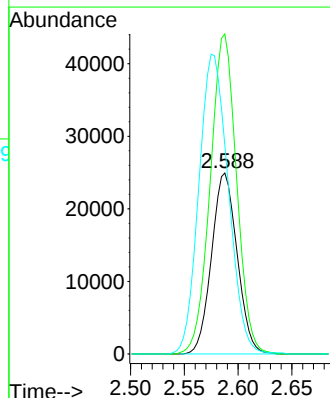
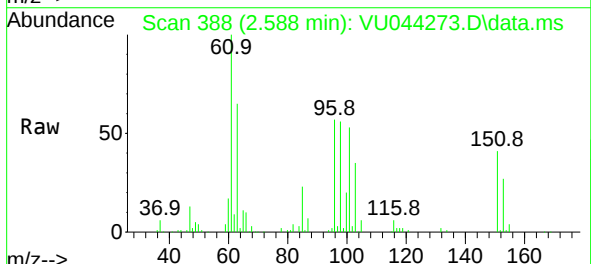
RT: 2.588 min Scan# 388

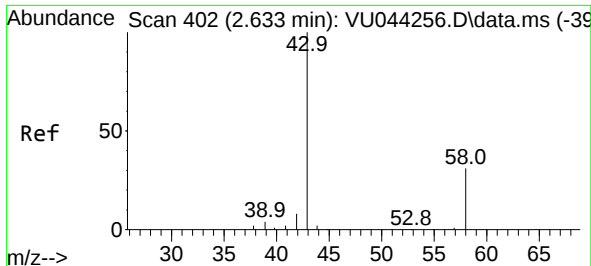
Delta R.T. 0.003 min

Lab File: VU044273.D

Acq: 30 Jun 2021 20:28

Tgt Ion:	96	Resp:	41227
Ion Ratio	Lower	Upper	
96	100		
61	176.9	128.6	238.8
63	115.4	84.3	156.5

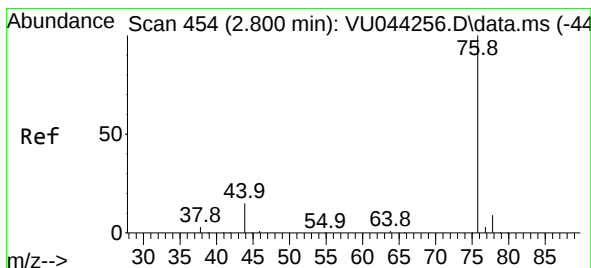
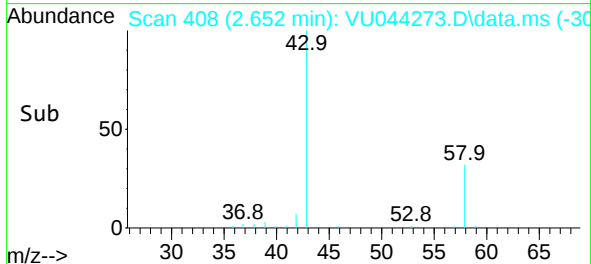
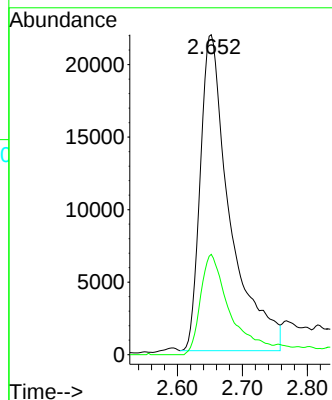
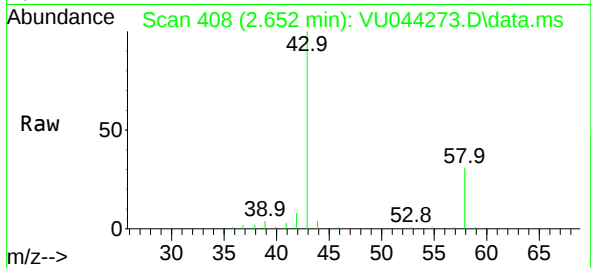




#13
Acetone
Concen: 49.327 ug/L
RT: 2.652 min Scan# 408
Delta R.T. 0.019 min
Lab File: VU044273.D
Acq: 30 Jun 2021 20:28

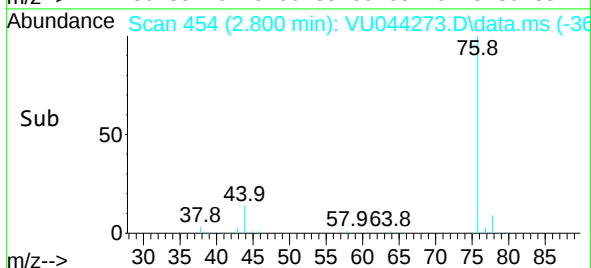
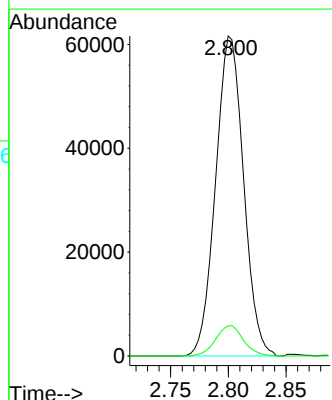
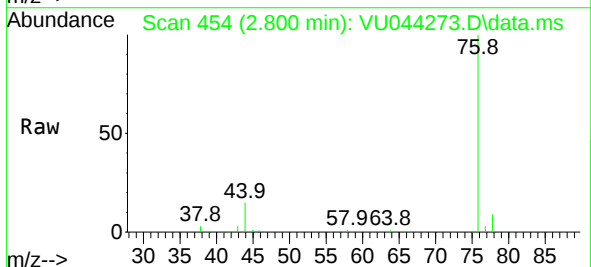
Instrument :
MSVOA_U
ClientSampled :

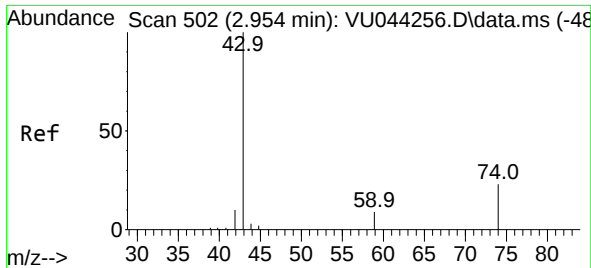
Tgt Ion: 43 Resp: 69300
Ion Ratio Lower Upper
43 100
58 31.7 0.0 53.8



#14
Carbon disulfide
Concen: 3.695 ug/L
RT: 2.800 min Scan# 454
Delta R.T. 0.000 min
Lab File: VU044273.D
Acq: 30 Jun 2021 20:28

Tgt Ion: 76 Resp: 103556
Ion Ratio Lower Upper
76 100
78 9.6 7.4 11.2

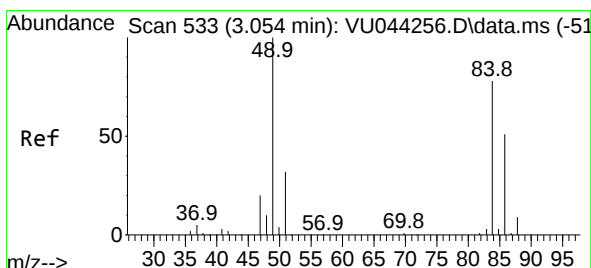
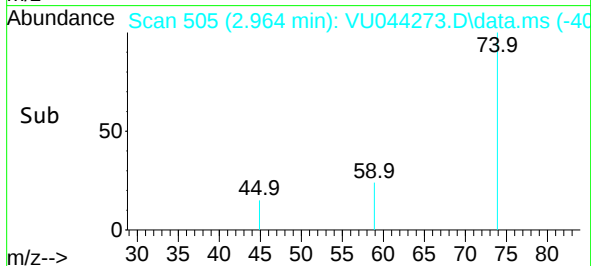
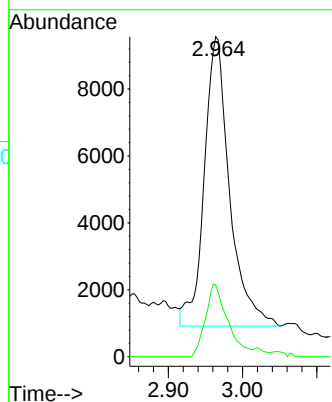
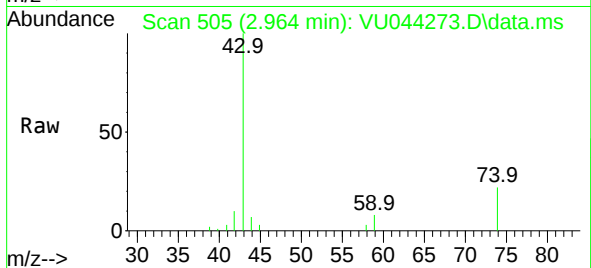




#15
Methyl Acetate
Concen: 5.198 ug/L
RT: 2.964 min Scan# 505
Delta R.T. 0.010 min
Lab File: VU044273.D
Acq: 30 Jun 2021 20:28

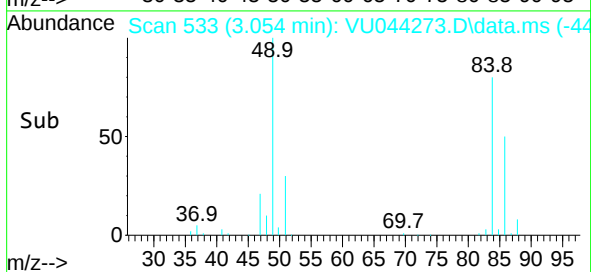
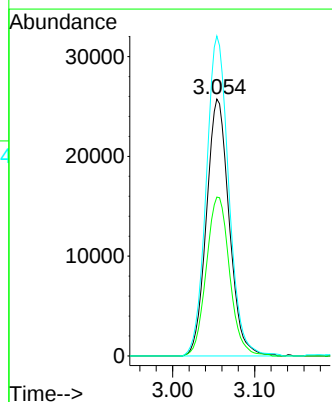
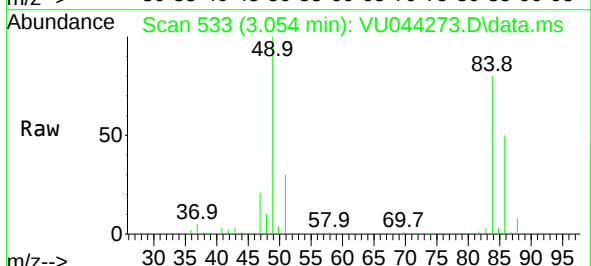
Instrument :
MSVOA_U
ClientSampled :

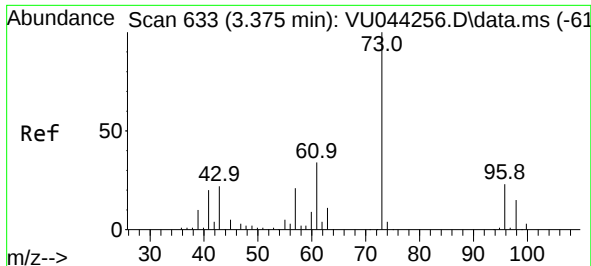
Tgt Ion: 43 Resp: 20517
Ion Ratio Lower Upper
43 100
74 21.9 18.4 27.6



#16
Methylene chloride
Concen: 4.047 ug/L
RT: 3.054 min Scan# 533
Delta R.T. 0.000 min
Lab File: VU044273.D
Acq: 30 Jun 2021 20:28

Tgt Ion: 84 Resp: 49639
Ion Ratio Lower Upper
84 100
86 61.8 46.1 85.5
49 130.1 88.4 164.2

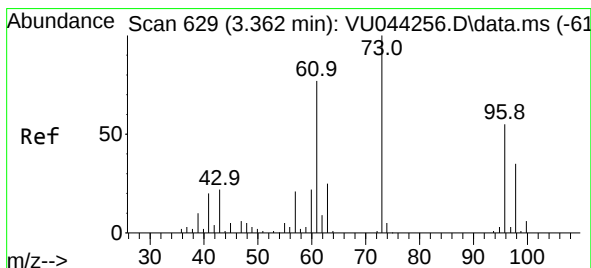
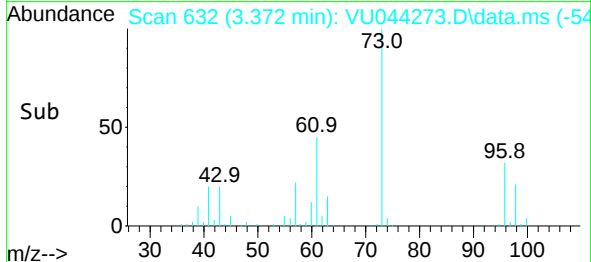
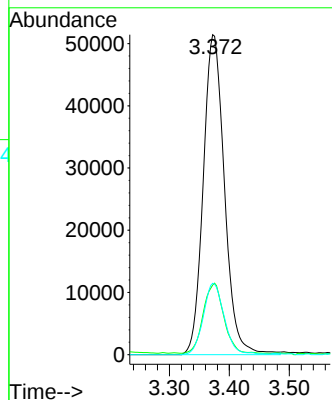
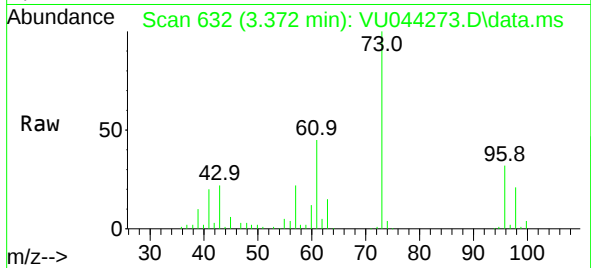




#17
Methyl tert-butyl Ether
Concen: 4.700 ug/L
RT: 3.372 min Scan# 632
Delta R.T. -0.003 min
Lab File: VU044273.D
Acq: 30 Jun 2021 20:28

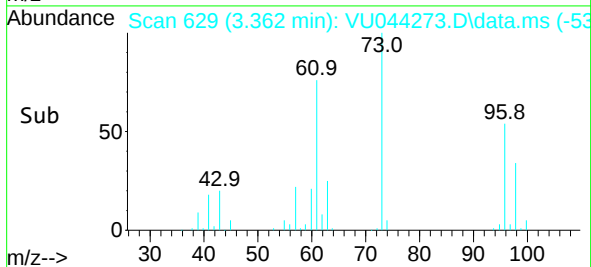
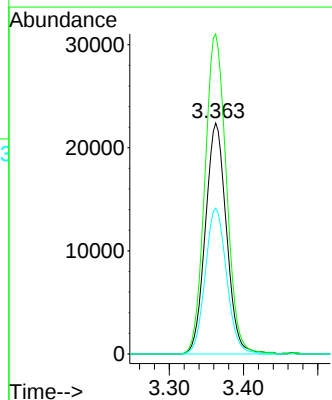
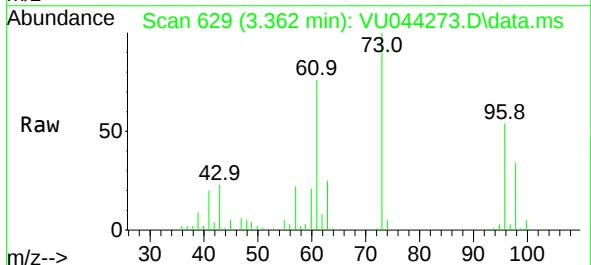
Instrument :
MSVOA_U
ClientSampleId :

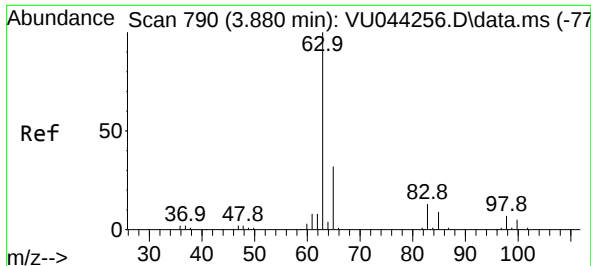
Tgt Ion: 73 Resp: 126833
Ion Ratio Lower Upper
73 100
43 21.0 17.6 26.4
57 22.0 17.8 26.8



#18
trans-1,2-Dichloroethene
Concen: 4.558 ug/L
RT: 3.362 min Scan# 629
Delta R.T. 0.000 min
Lab File: VU044273.D
Acq: 30 Jun 2021 20:28

Tgt Ion: 96 Resp: 44146
Ion Ratio Lower Upper
96 100
61 138.6 100.2 186.2
98 63.1 44.9 83.5

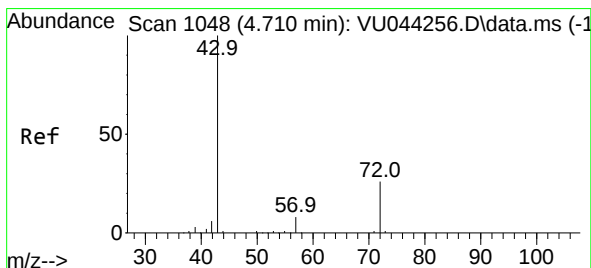
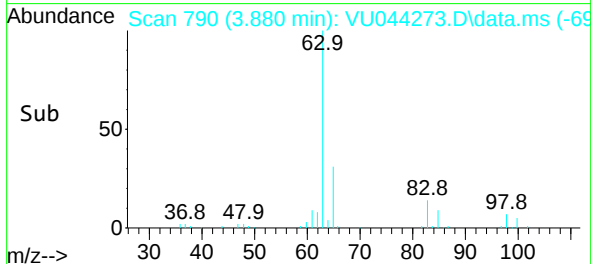
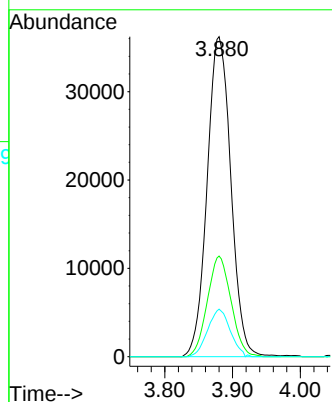
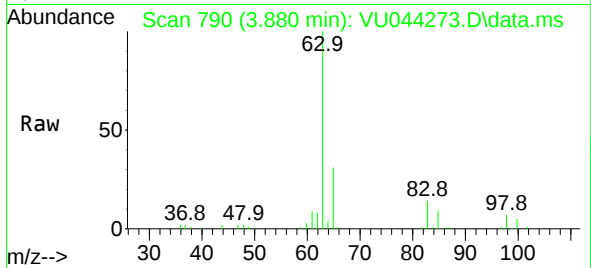




#19
1,1-Dichloroethane
Concen: 4.772 ug/L
RT: 3.880 min Scan# 790
Delta R.T. 0.000 min
Lab File: VU044273.D
Acq: 30 Jun 2021 20:28

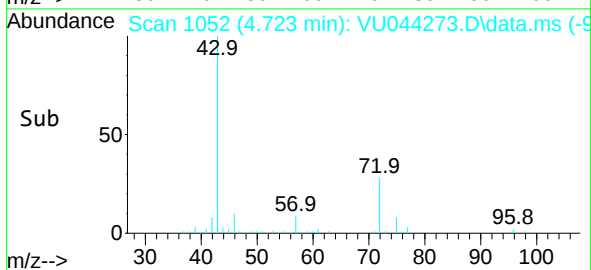
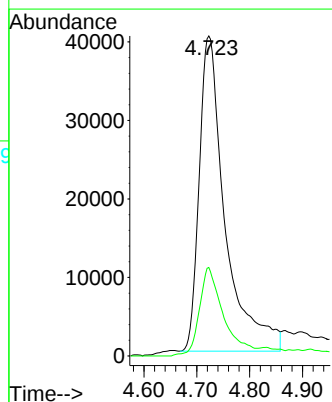
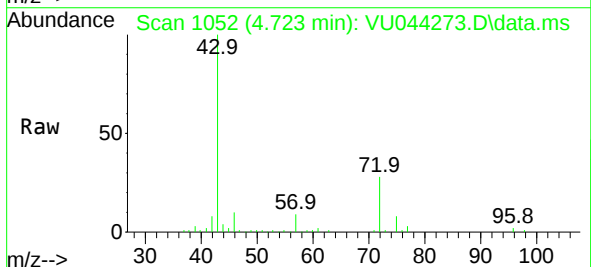
Instrument :
MSVOA_U
ClientSampleId :

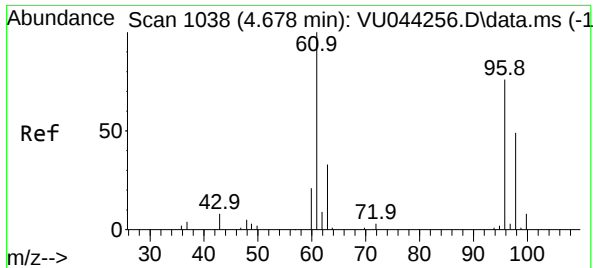
Tgt Ion: 63 Resp: 88161
Ion Ratio Lower Upper
63 100
65 32.0 22.3 41.3
83 14.9 9.9 18.5



#21
2-Butanone
Concen: 42.917 ug/L
RT: 4.723 min Scan# 1052
Delta R.T. 0.013 min
Lab File: VU044273.D
Acq: 30 Jun 2021 20:28

Tgt Ion: 43 Resp: 136977
Ion Ratio Lower Upper
43 100
72 26.2 13.4 40.1

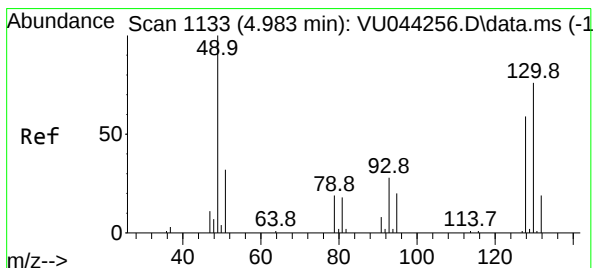
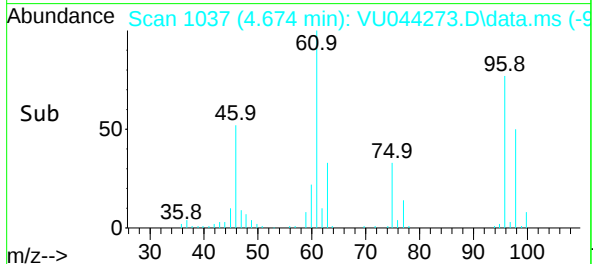
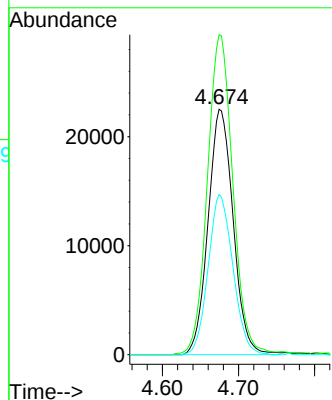
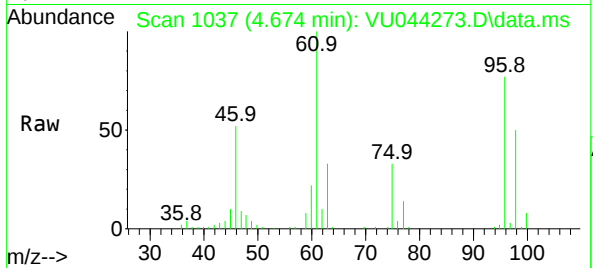




#22
 cis-1,2-Dichloroethene
 Concen: 4.875 ug/L
 RT: 4.674 min Scan# 1037
 Delta R.T. -0.003 min
 Lab File: VU044273.D
 Acq: 30 Jun 2021 20:28

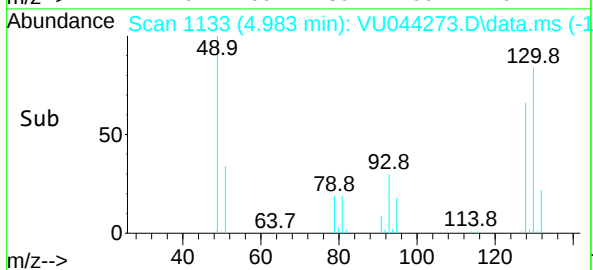
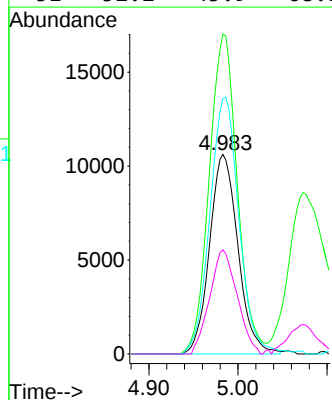
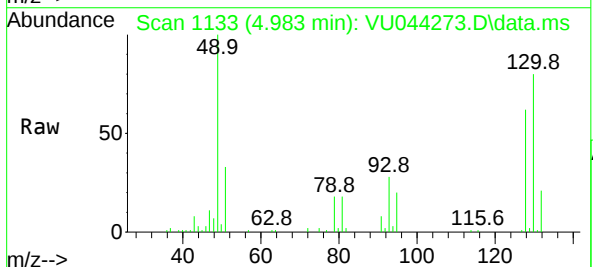
Instrument :
 MSVOA_U
 ClientSampled :

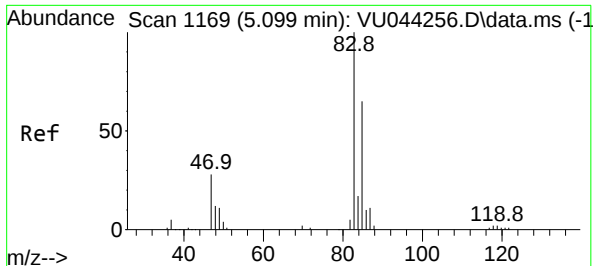
Tgt Ion: 96 Resp: 51666
 Ion Ratio Lower Upper
 96 100
 61 130.4 98.8 183.6
 98 65.3 44.8 83.2



#23
 Bromochloromethane
 Concen: 4.868 ug/L
 RT: 4.983 min Scan# 1133
 Delta R.T. 0.000 min
 Lab File: VU044273.D
 Acq: 30 Jun 2021 20:28

Tgt Ion: 128 Resp: 23502
 Ion Ratio Lower Upper
 128 100
 49 166.7 127.2 236.2
 130 128.1 91.7 170.3
 51 52.2 45.9 68.9



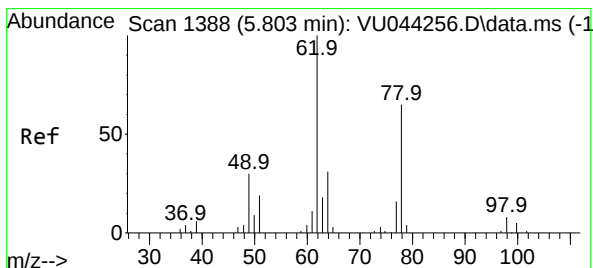
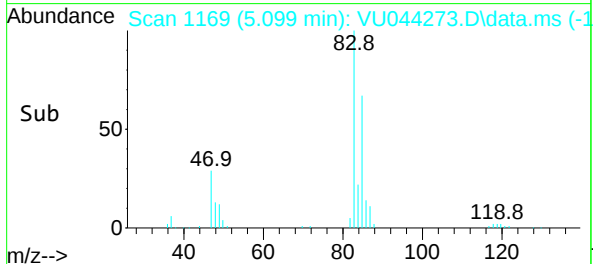
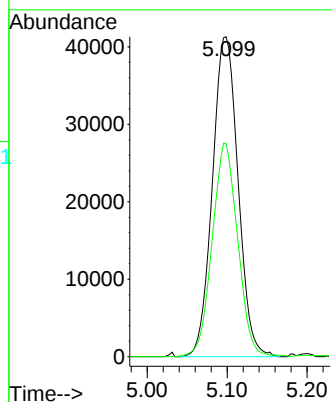
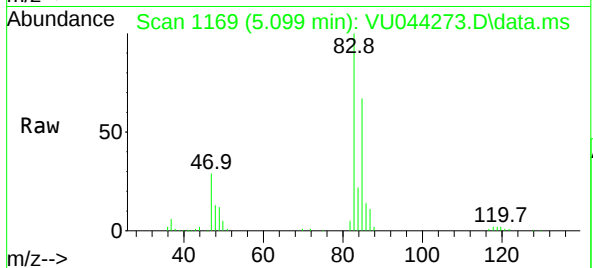


#25

Chloroform
Concen: 4.664 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VU044273.D
Acq: 30 Jun 2021 20:28

Instrument :
MSVOA_U
ClientSampled :

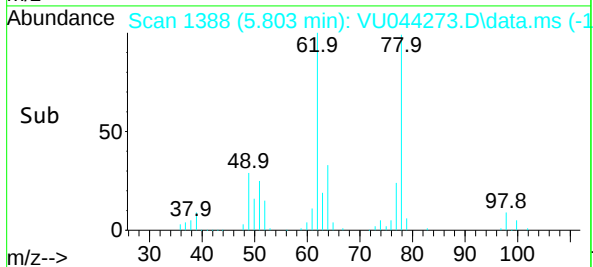
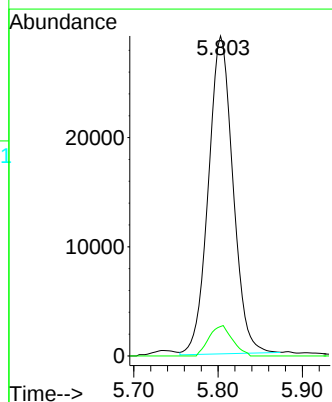
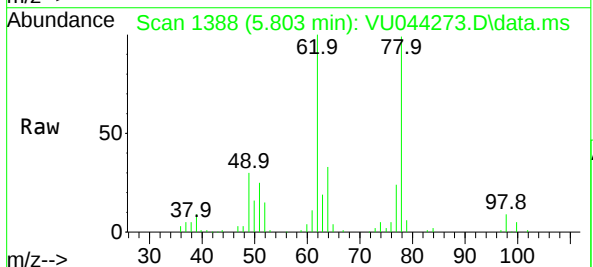
Tgt Ion: 83 Resp: 91999
Ion Ratio Lower Upper
83 100
85 66.6 45.2 84.0

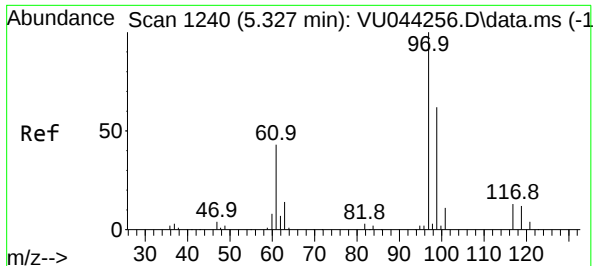


#27

1,2-Dichloroethane
Concen: 4.494 ug/L
RT: 5.803 min Scan# 1388
Delta R.T. 0.000 min
Lab File: VU044273.D
Acq: 30 Jun 2021 20:28

Tgt Ion: 62 Resp: 59081
Ion Ratio Lower Upper
62 100
98 9.2 6.8 10.2





#29

1,1,1-Trichloroethane

Concen: 5.131 ug/L

RT: 5.327 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VU044273.D

Acq: 30 Jun 2021 20:28

Tgt Ion: 97 Resp: 83499

Ion Ratio Lower Upper

97 100

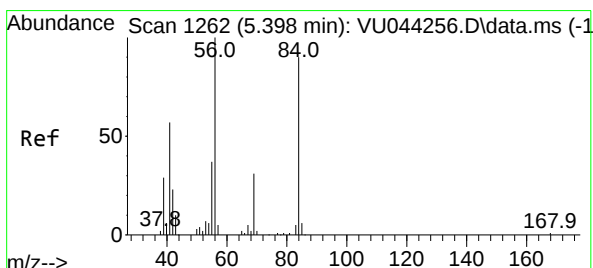
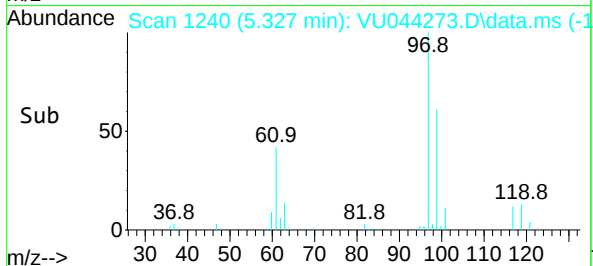
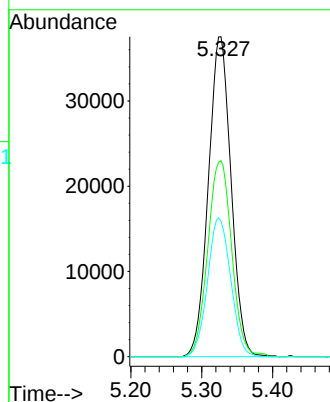
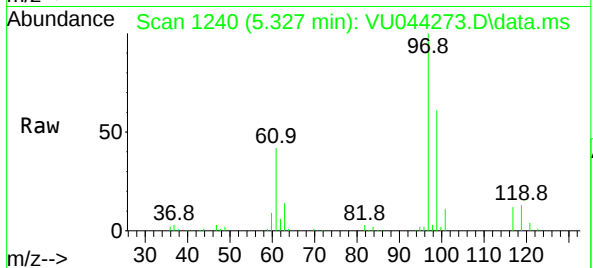
99 64.7 51.4 77.0

61 44.2 37.0 55.6

Instrument :

MSVOA_U

ClientSampled :



#30

Cyclohexane

Concen: 4.362 ug/L

RT: 5.395 min Scan# 1261

Delta R.T. -0.003 min

Lab File: VU044273.D

Acq: 30 Jun 2021 20:28

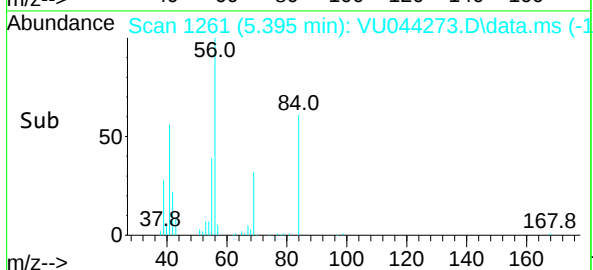
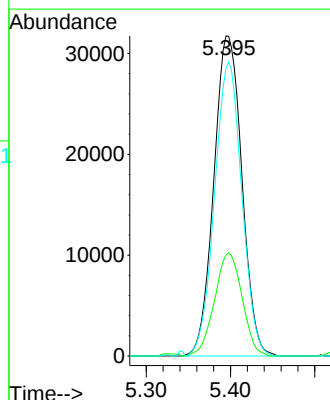
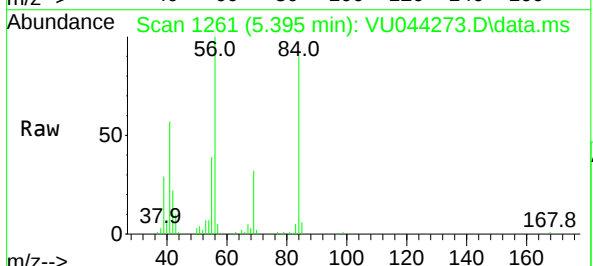
Tgt Ion: 56 Resp: 73224

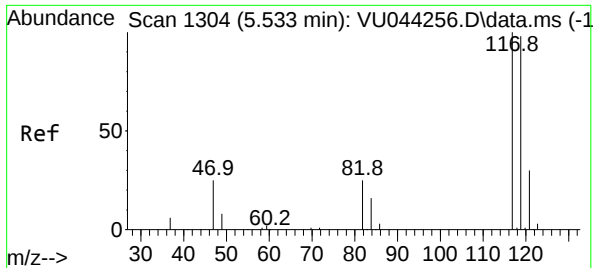
Ion Ratio Lower Upper

56 100

69 31.7 24.8 37.2

84 89.3 67.8 101.8

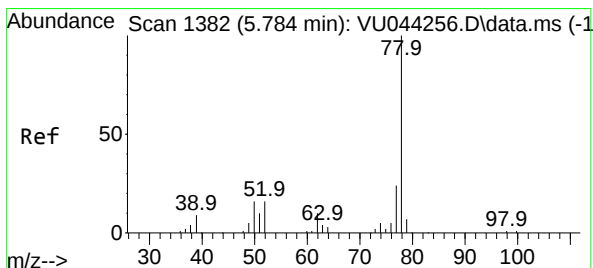
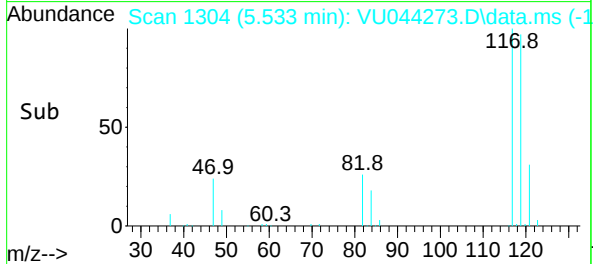
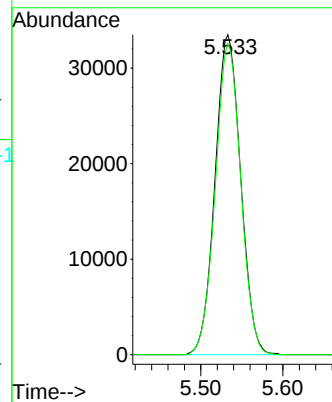
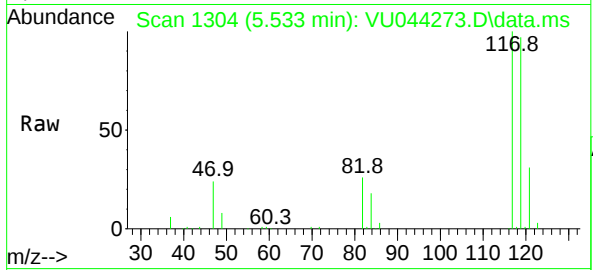




#31
Carbon tetrachloride
Concen: 5.251 ug/L
RT: 5.533 min Scan# 1304
Delta R.T. 0.000 min
Lab File: VU044273.D
Acq: 30 Jun 2021 20:28

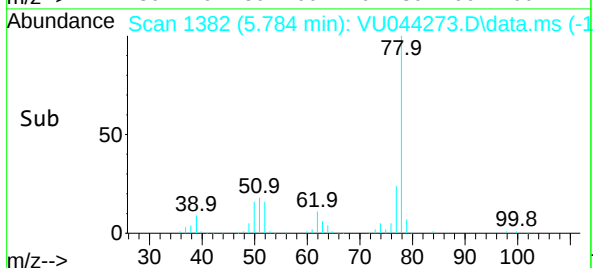
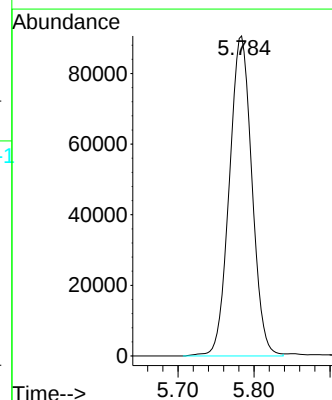
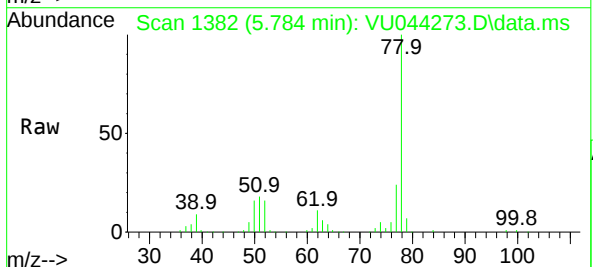
Instrument :
MSVOA_U
ClientSampled :

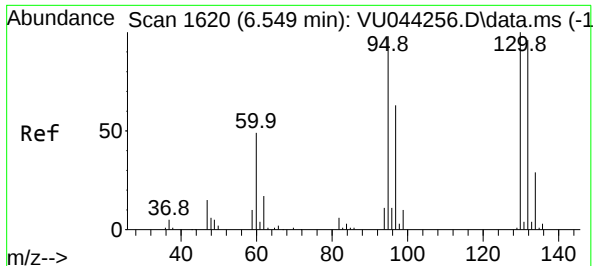
Tgt Ion:117 Resp: 72811
Ion Ratio Lower Upper
117 100
119 96.4 77.7 116.5



#33
Benzene
Concen: 4.937 ug/L
RT: 5.784 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VU044273.D
Acq: 30 Jun 2021 20:28

Tgt Ion: 78 Resp: 187077





#34

Trichloroethene

Concen: 5.038 ug/L

RT: 6.549 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VU044273.D

Acq: 30 Jun 2021 20:28

Tgt Ion: 95 Resp: 51706

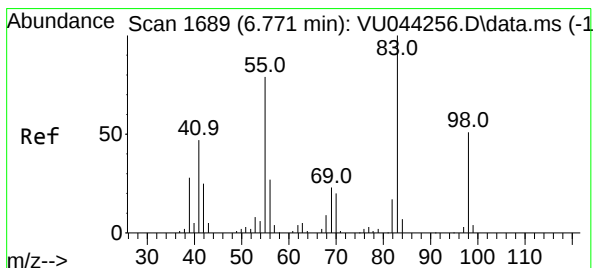
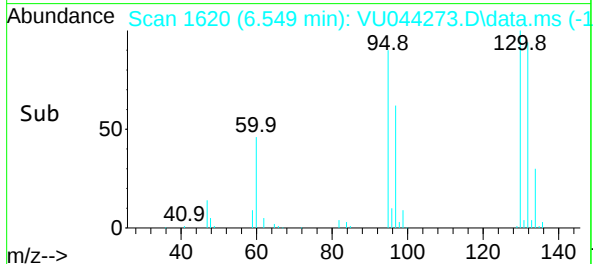
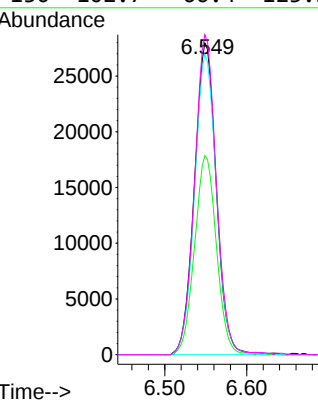
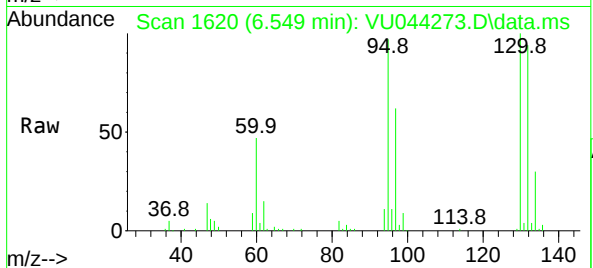
Ion Ratio Lower Upper

95 100

97 63.9 44.3 82.3

132 96.4 64.3 119.5

130 102.7 66.4 123.2



#35

Methylcyclohexane

Concen: 4.532 ug/L

RT: 6.771 min Scan# 1689

Delta R.T. 0.000 min

Lab File: VU044273.D

Acq: 30 Jun 2021 20:28

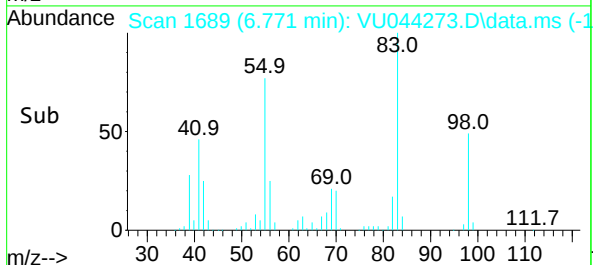
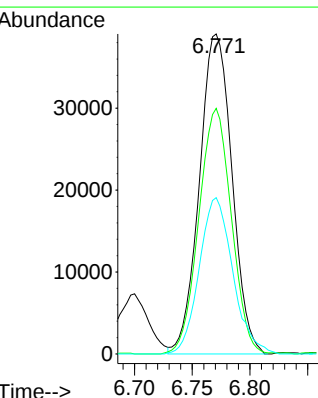
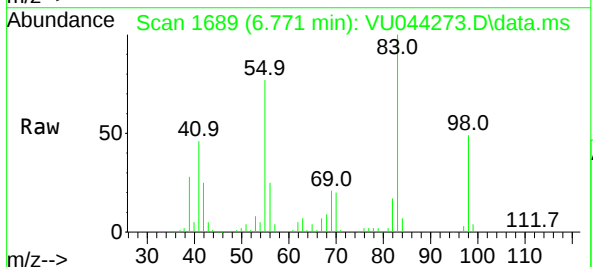
Tgt Ion: 83 Resp: 76789

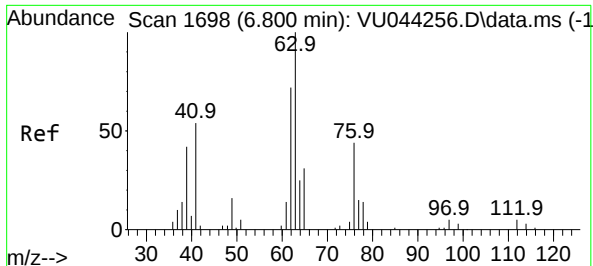
Ion Ratio Lower Upper

83 100

55 76.8 63.4 95.0

98 50.2 39.4 59.0



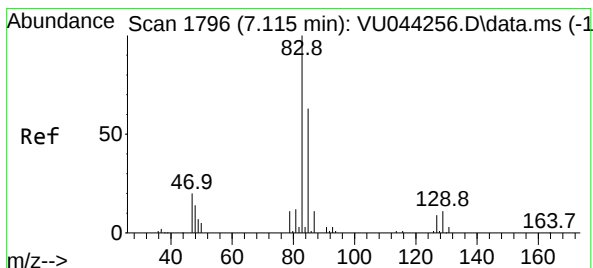
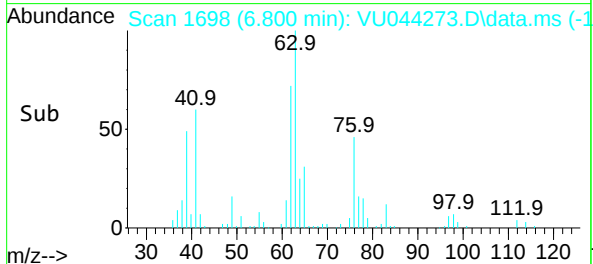
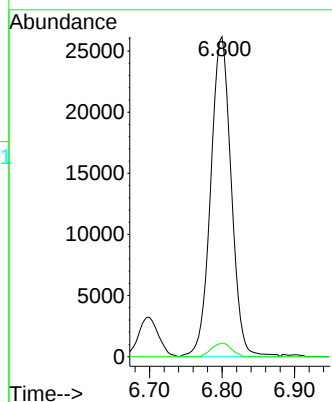
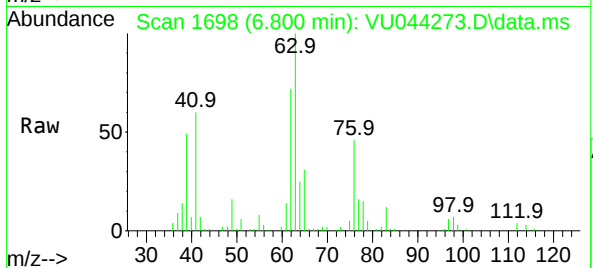


#37

1,2-Dichloropropane
Concen: 5.155 ug/L
RT: 6.800 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VU044273.D
Acq: 30 Jun 2021 20:28

Instrument :
MSVOA_U
ClientSampleId :

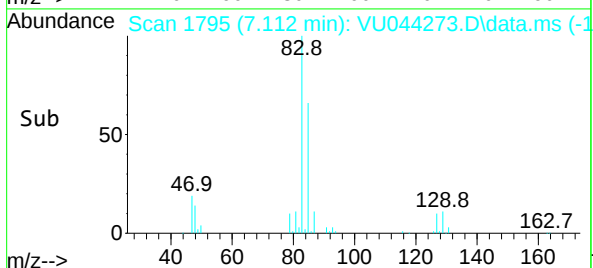
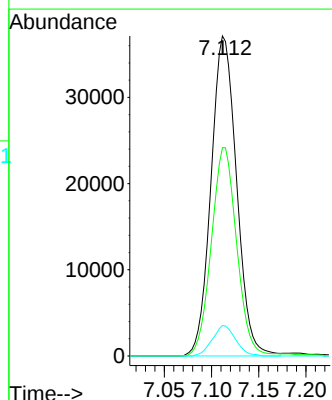
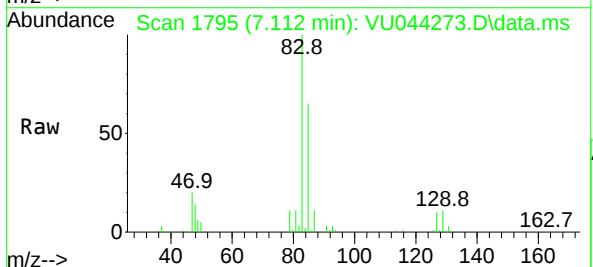
Tgt Ion: 63 Resp: 51592
Ion Ratio Lower Upper
63 100
112 4.1 3.5 5.3

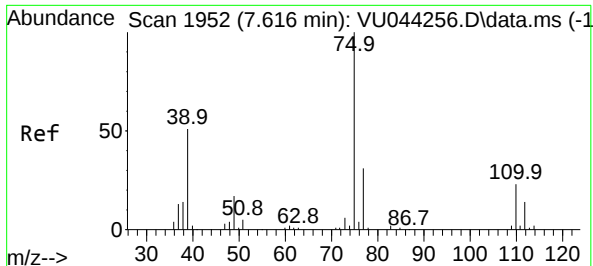


#38

Bromodichloromethane
Concen: 4.962 ug/L
RT: 7.112 min Scan# 1795
Delta R.T. -0.003 min
Lab File: VU044273.D
Acq: 30 Jun 2021 20:28

Tgt Ion: 83 Resp: 69814
Ion Ratio Lower Upper
83 100
85 65.1 45.2 84.0
127 9.5 6.7 10.1



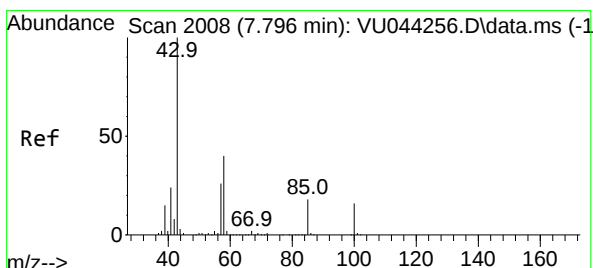
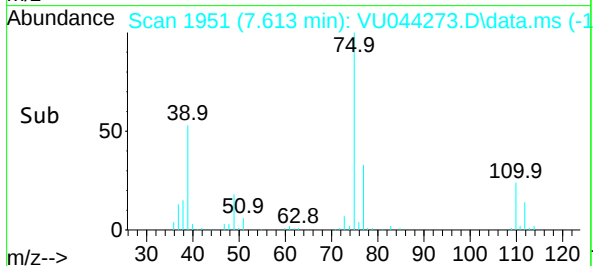
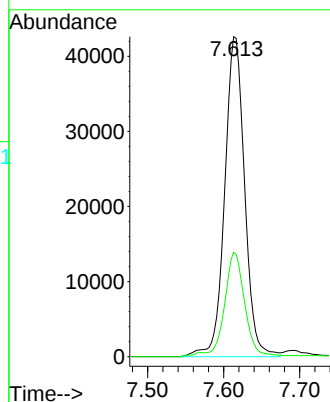
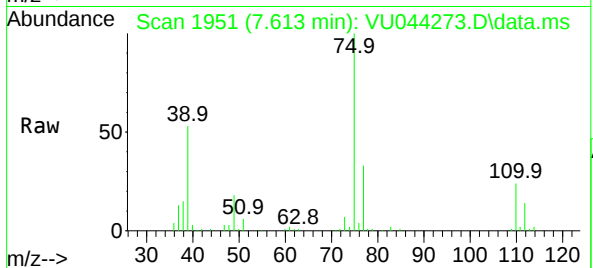


#39

cis-1,3-Dichloropropene
Concen: 4.735 ug/L
RT: 7.613 min Scan# 1951
Delta R.T. -0.003 min
Lab File: VU044273.D
Acq: 30 Jun 2021 20:28

Instrument :
MSVOA_U
ClientSampled :

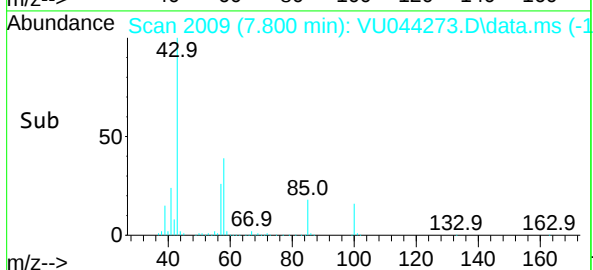
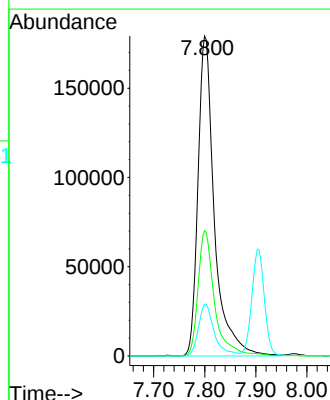
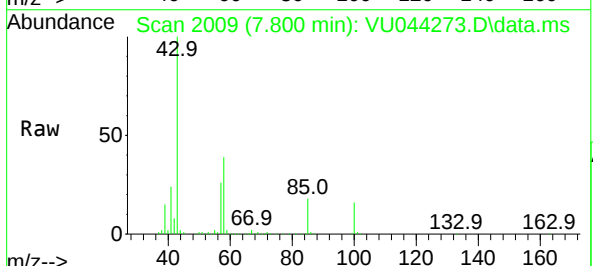
Tgt Ion: 75 Resp: 77810
Ion Ratio Lower Upper
75 100
77 32.5 22.5 41.7

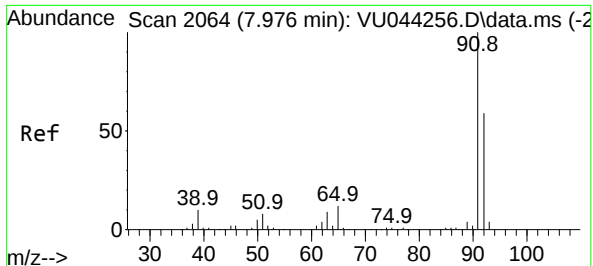


#40

4-Methyl-2-pentanone
Concen: 49.667 ug/L
RT: 7.800 min Scan# 2009
Delta R.T. 0.003 min
Lab File: VU044273.D
Acq: 30 Jun 2021 20:28

Tgt Ion: 43 Resp: 399442
Ion Ratio Lower Upper
43 100
58 39.6 31.2 46.8
100 15.7 12.3 18.5





#42

Toluene

Concen: 4.823 ug/L

RT: 7.976 min Scan# 2064

Delta R.T. 0.000 min

Lab File: VU044273.D

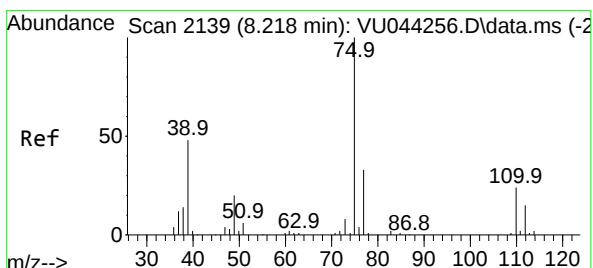
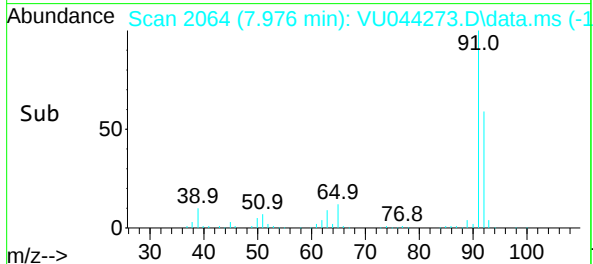
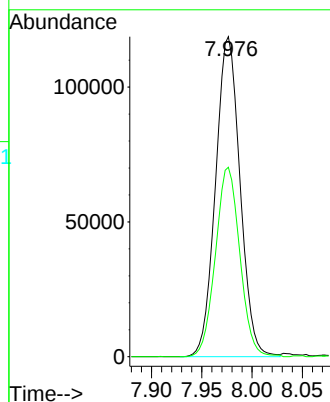
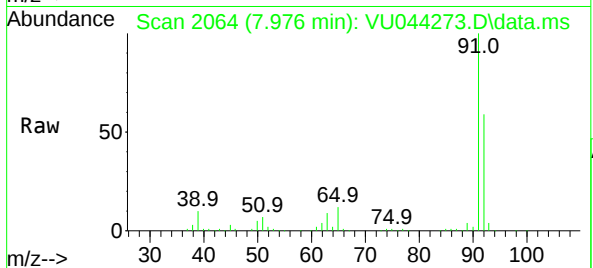
Acq: 30 Jun 2021 20:28

Tgt Ion: 91 Resp: 201253

Ion Ratio Lower Upper

91 100

92 59.2 41.2 76.6



#44

trans-1,3-Dichloropropene

Concen: 4.726 ug/L

RT: 8.218 min Scan# 2139

Delta R.T. 0.000 min

Lab File: VU044273.D

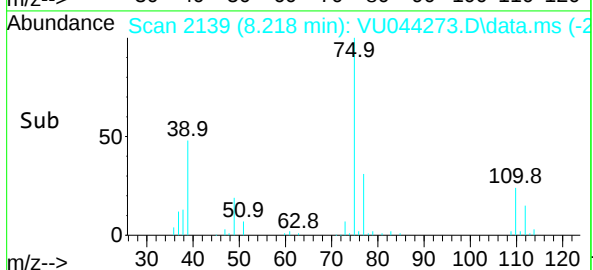
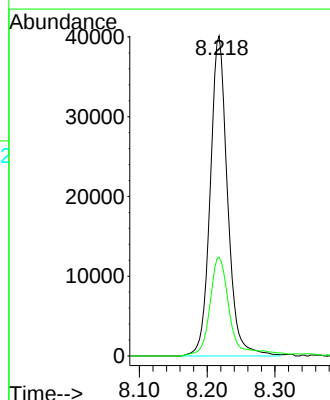
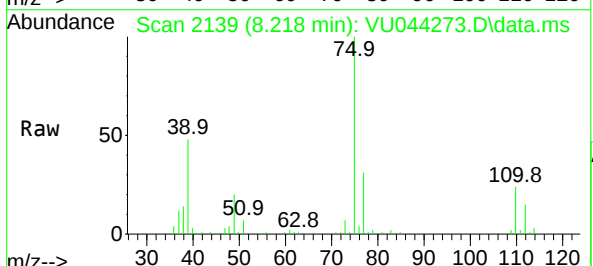
Acq: 30 Jun 2021 20:28

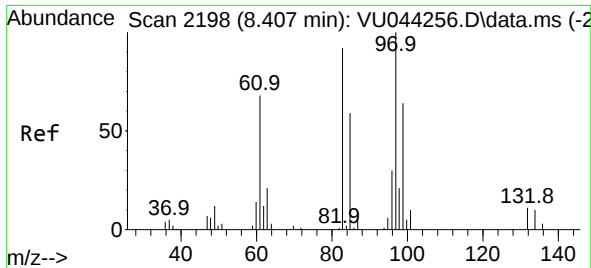
Tgt Ion: 75 Resp: 71222

Ion Ratio Lower Upper

75 100

77 30.9 22.6 42.0

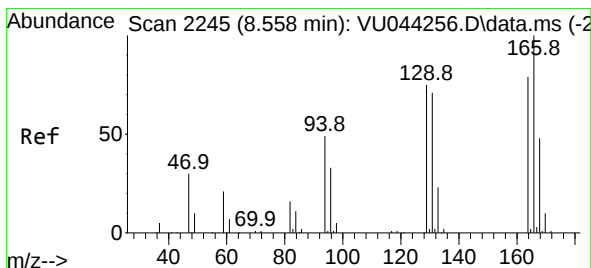
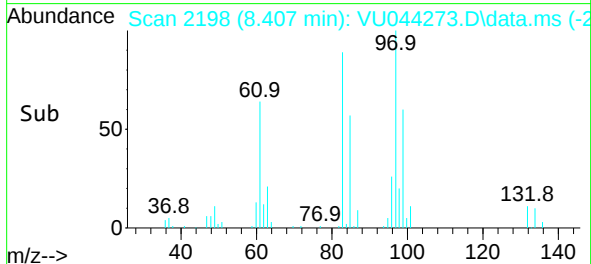
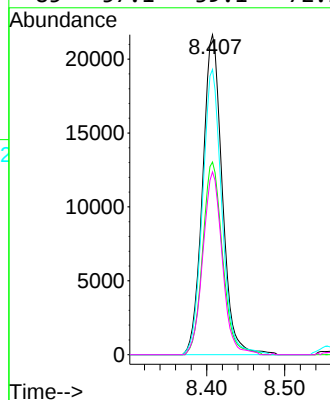
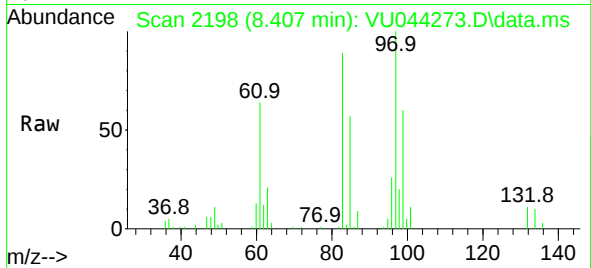




#45
1,1,2-Trichloroethane
Concen: 5.041 ug/L
RT: 8.407 min Scan# 2198
Delta R.T. 0.000 min
Lab File: VU044273.D
Acq: 30 Jun 2021 20:28

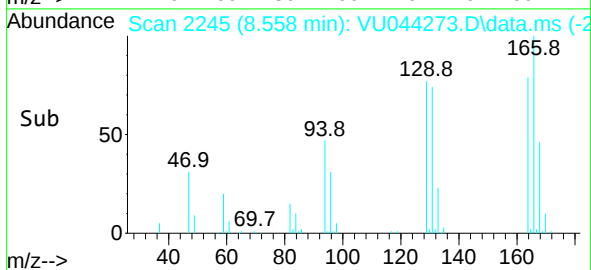
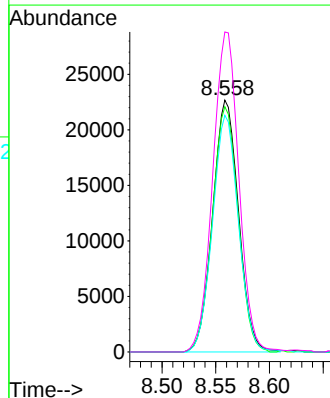
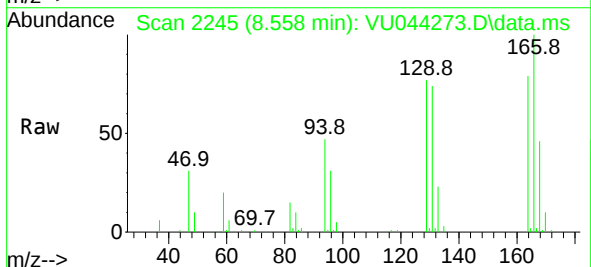
Instrument :
MSVOA_U
ClientSampled :

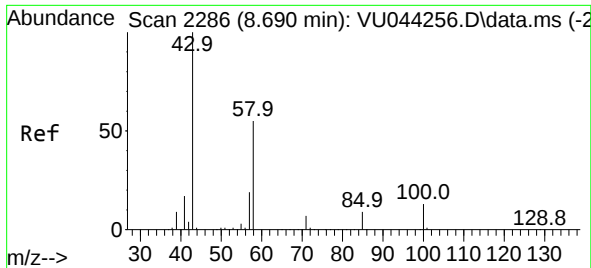
Tgt Ion:	97	Resp:	37975
Ion	Ratio	Lower	Upper
97	100		
99	60.2	42.8	79.4
83	89.2	59.9	111.3
85	57.1	39.1	72.5



#47
Tetrachloroethene
Concen: 5.013 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. 0.000 min
Lab File: VU044273.D
Acq: 30 Jun 2021 20:28

Tgt Ion:	164	Resp:	38033
Ion	Ratio	Lower	Upper
164	100		
129	97.4	71.8	133.4
131	94.0	66.4	123.2
166	127.1	91.6	170.2

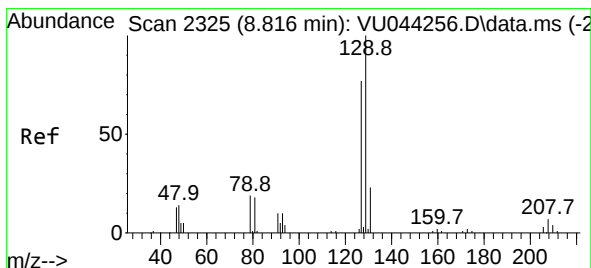
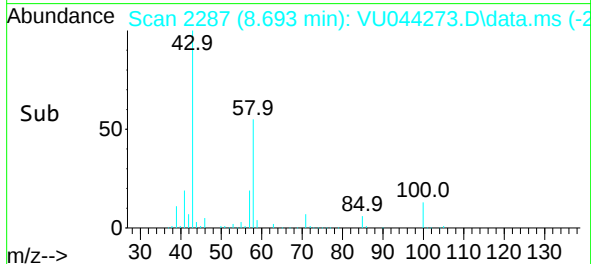
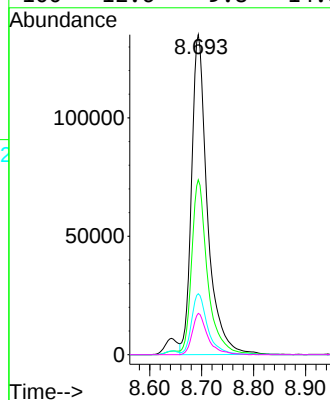
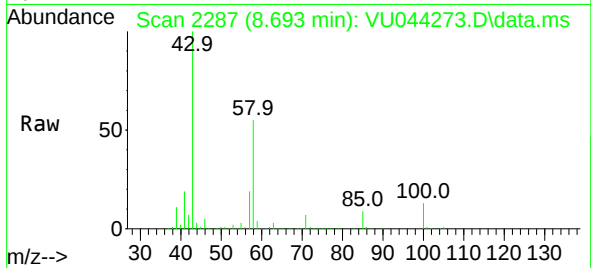




#48
2-Hexanone
Concen: 50.530 ug/L
RT: 8.693 min Scan# 2287
Delta R.T. 0.003 min
Lab File: VU044273.D
Acq: 30 Jun 2021 20:28

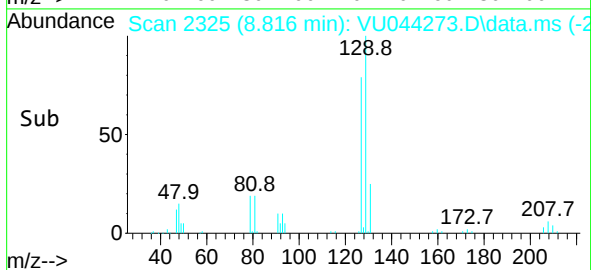
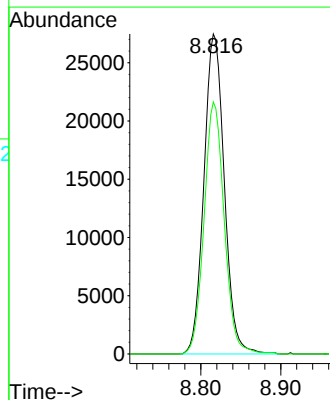
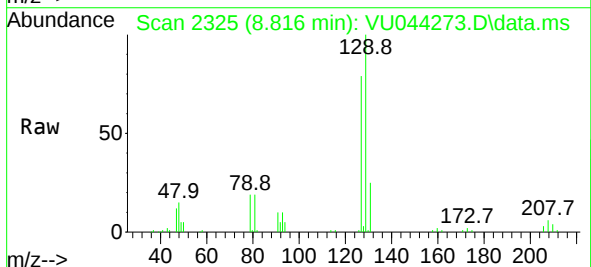
Instrument :
MSVOA_U
ClientSampleId :

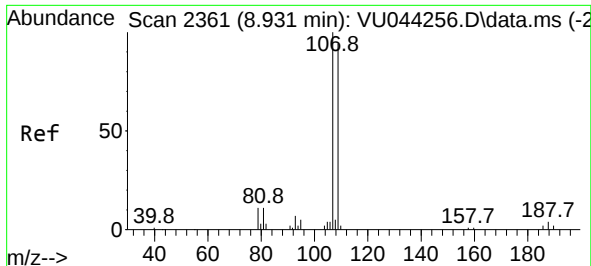
Tgt Ion: 43 Resp: 286380
Ion Ratio Lower Upper
43 100
58 54.9 44.7 67.1
57 19.4 15.7 23.5
100 12.6 9.8 14.8



#49
Dibromochloromethane
Concen: 5.102 ug/L
RT: 8.816 min Scan# 2325
Delta R.T. 0.000 min
Lab File: VU044273.D
Acq: 30 Jun 2021 20:28

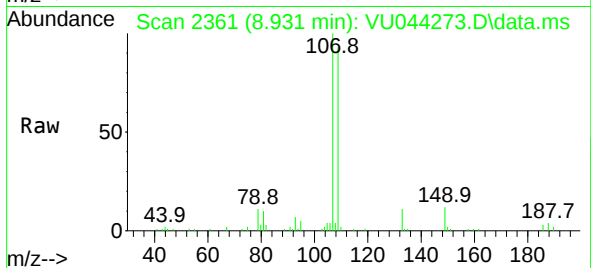
Tgt Ion:129 Resp: 48782
Ion Ratio Lower Upper
129 100
127 78.7 53.6 99.6



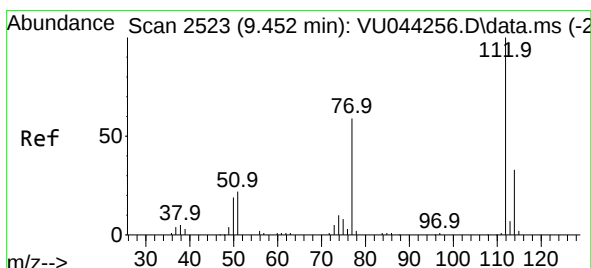
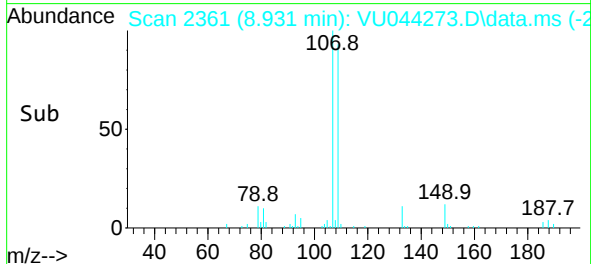
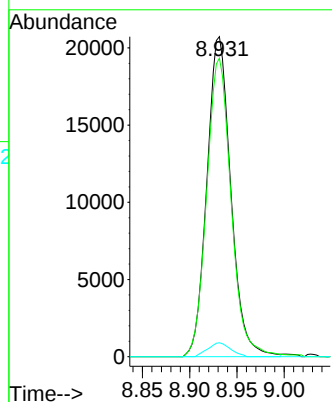


#50
1,2-Dibromoethane
Concen: 5.021 ug/L
RT: 8.931 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VU044273.D
Acq: 30 Jun 2021 20:28

Instrument :
MSVOA_U
ClientSampleId :

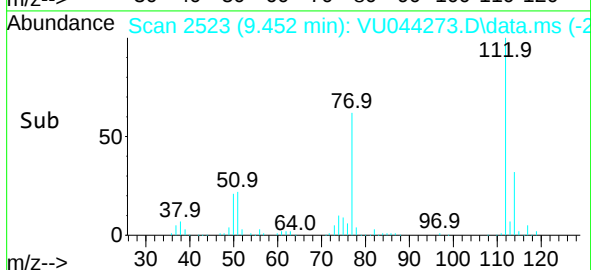
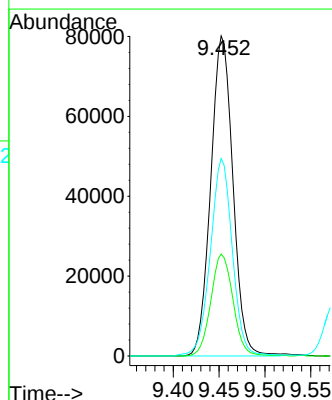
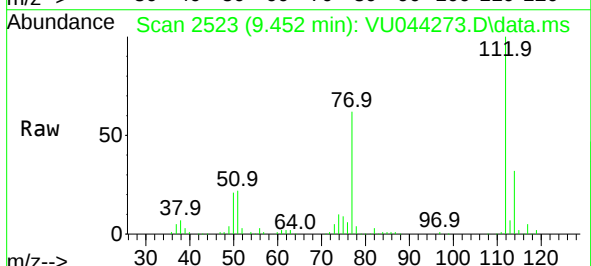


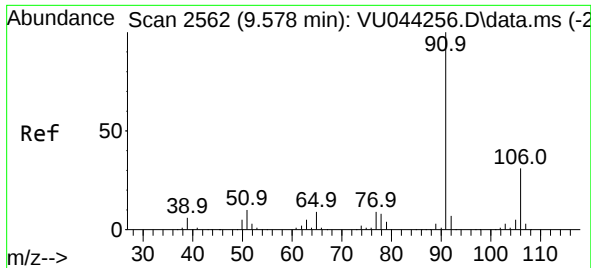
Tgt Ion	Ratio	Lower	Upper
107	100		
109	93.3	64.1	119.1
188	4.3	3.0	4.4



#51
Chlorobenzene
Concen: 5.045 ug/L
RT: 9.452 min Scan# 2523
Delta R.T. 0.000 min
Lab File: VU044273.D
Acq: 30 Jun 2021 20:28

Tgt Ion	Ratio	Lower	Upper
112	100		
114	31.9	22.0	41.0
77	61.7	48.9	73.3

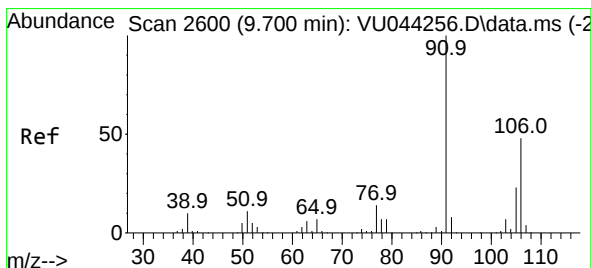
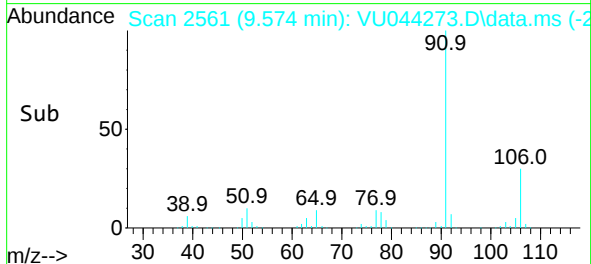
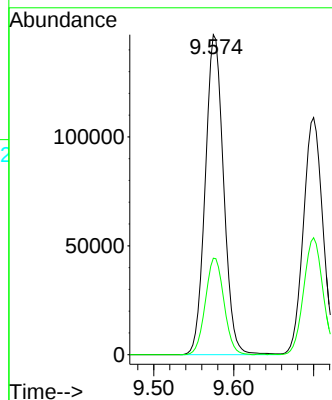
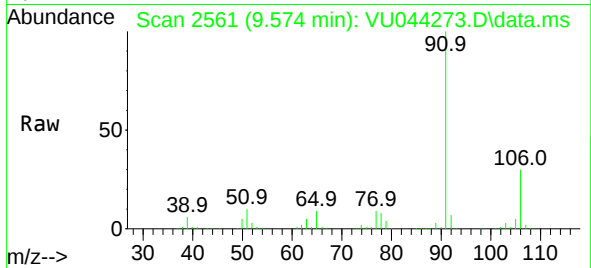




#52
Ethylbenzene
Concen: 4.872 ug/L
RT: 9.574 min Scan# 2561
Delta R.T. -0.003 min
Lab File: VU044273.D
Acq: 30 Jun 2021 20:28

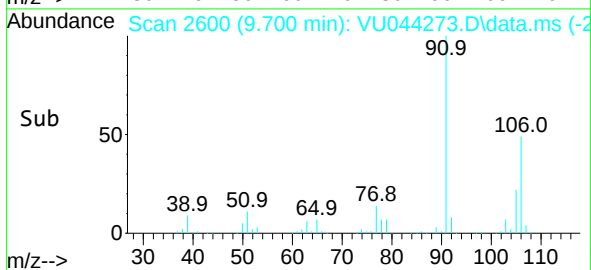
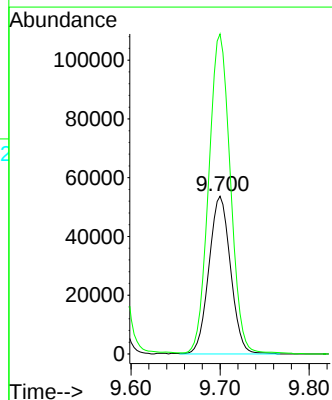
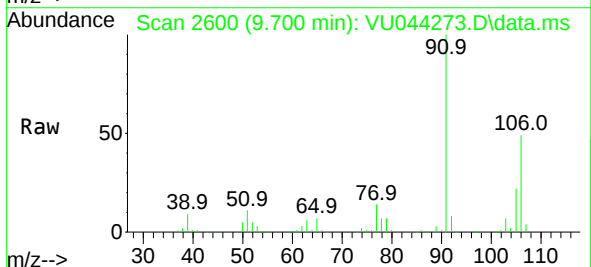
Instrument :
MSVOA_U
ClientSampled :

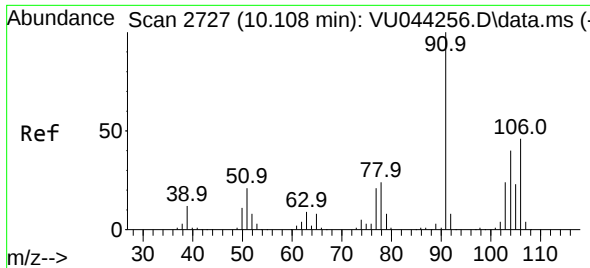
Tgt Ion: 91 Resp: 234699
Ion Ratio Lower Upper
91 100
106 30.2 21.6 40.2



#53
m,p-Xylene
Concen: 4.957 ug/L
RT: 9.700 min Scan# 2600
Delta R.T. 0.000 min
Lab File: VU044273.D
Acq: 30 Jun 2021 20:28

Tgt Ion:106 Resp: 90416
Ion Ratio Lower Upper
106 100
91 202.8 144.8 269.0

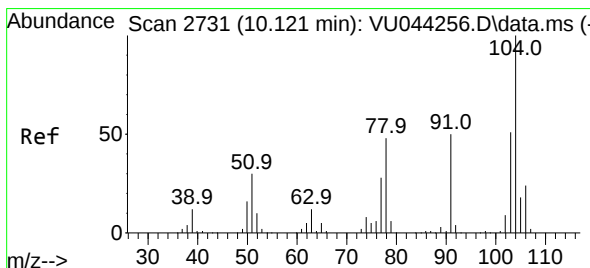
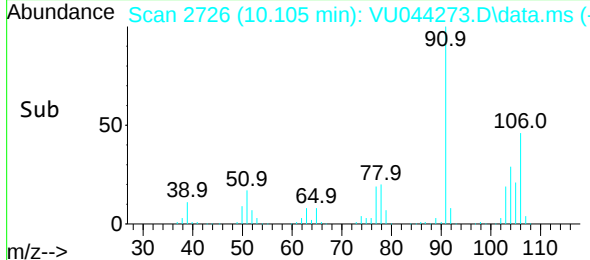
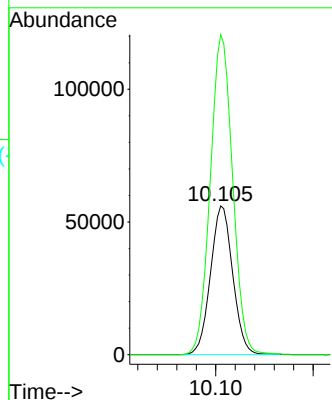
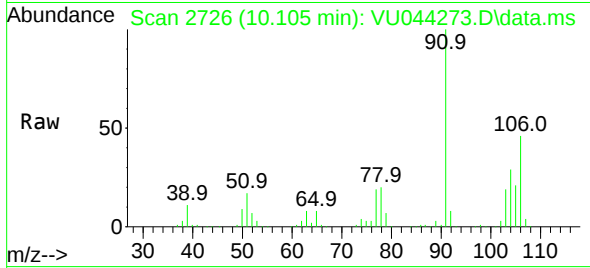




#54
o-Xylene
Concen: 5.010 ug/L
RT: 10.105 min Scan# 2726
Delta R.T. -0.003 min
Lab File: VU044273.D
Acq: 30 Jun 2021 20:28

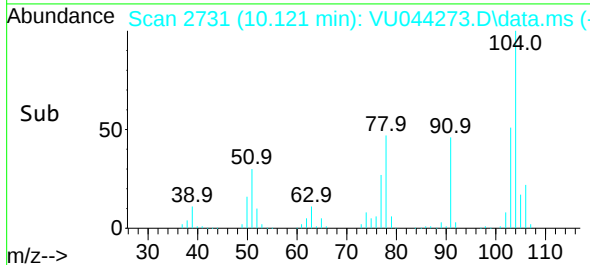
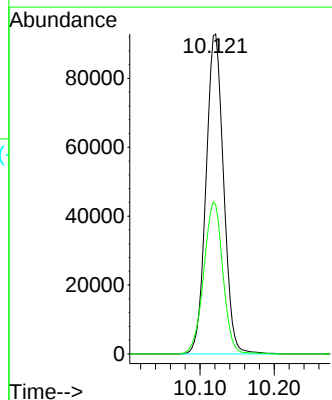
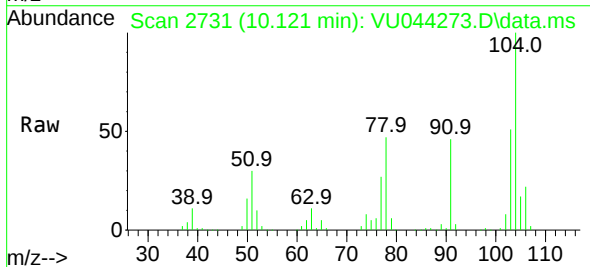
Instrument :
MSVOA_U
ClientSampleId :

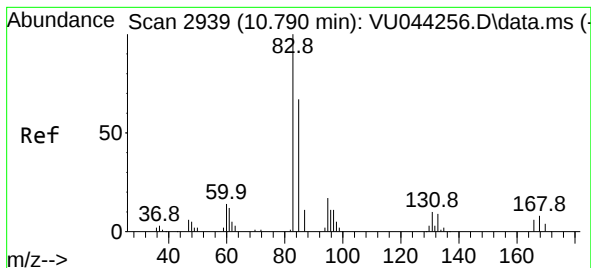
Tgt Ion:106 Resp: 88843
Ion Ratio Lower Upper
106 100
91 215.1 154.8 287.4



#55
Styrene
Concen: 4.901 ug/L
RT: 10.121 min Scan# 2731
Delta R.T. 0.000 min
Lab File: VU044273.D
Acq: 30 Jun 2021 20:28

Tgt Ion:104 Resp: 152397
Ion Ratio Lower Upper
104 100
78 46.7 34.1 63.3

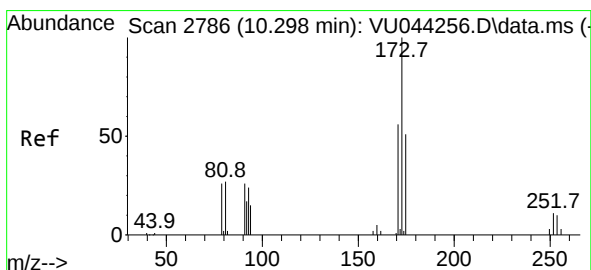
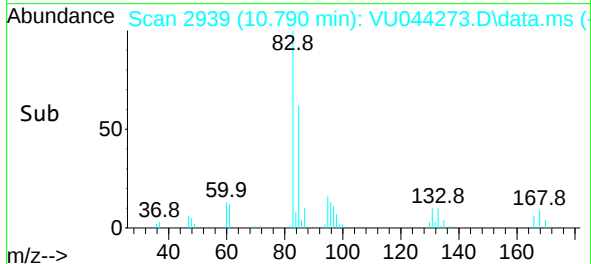
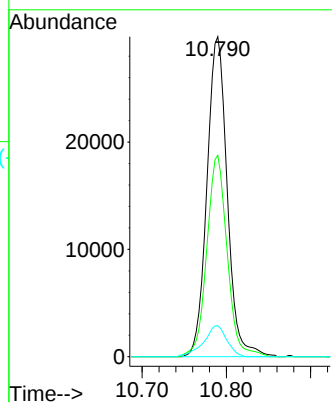
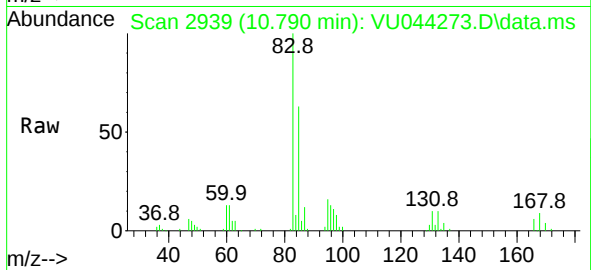




#57
1,1,2,2-Tetrachloroethane
Concen: 4.995 ug/L
RT: 10.790 min Scan# 2939
Delta R.T. 0.000 min
Lab File: VU044273.D
Acq: 30 Jun 2021 20:28

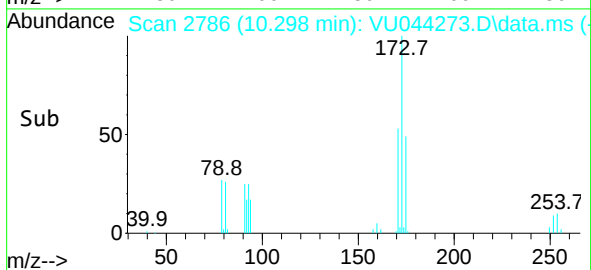
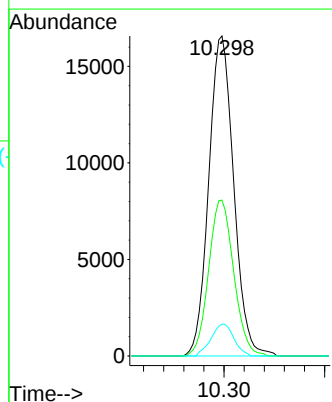
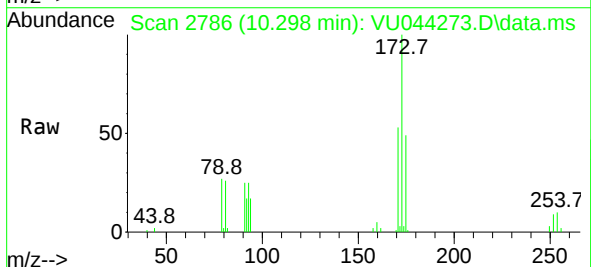
Instrument :
MSVOA_U
ClientSampled :

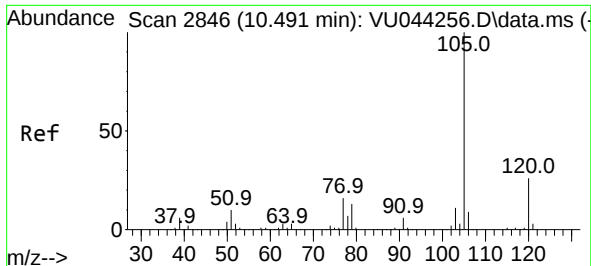
Tgt Ion: 83 Resp: 49918
Ion Ratio Lower Upper
83 100
85 62.9 45.5 84.5
131 9.6 7.9 11.9



#59
Bromoform
Concen: 5.118 ug/L
RT: 10.298 min Scan# 2786
Delta R.T. 0.000 min
Lab File: VU044273.D
Acq: 30 Jun 2021 20:28

Tgt Ion: 173 Resp: 28553
Ion Ratio Lower Upper
173 100
175 48.9 38.0 57.0
254 9.1 6.2 9.4

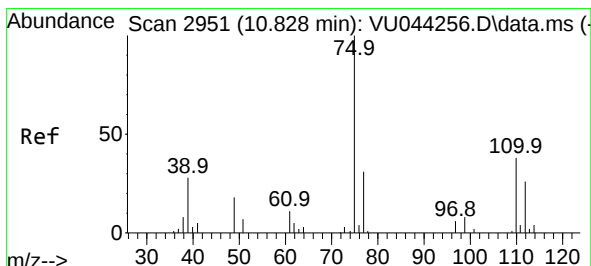
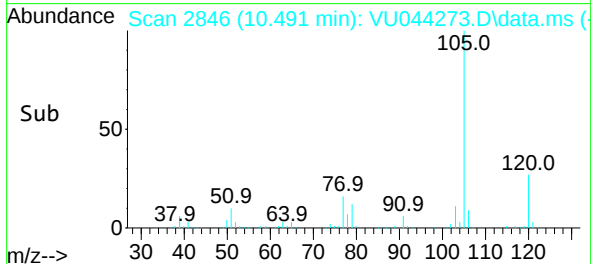
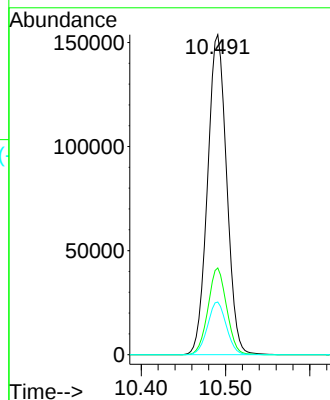
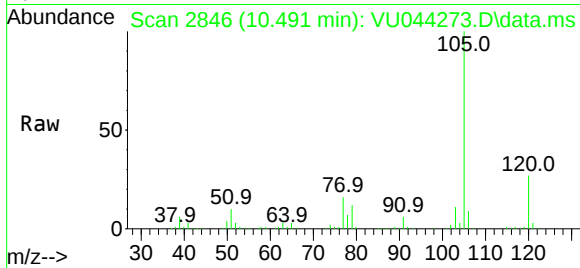




#60
Isopropylbenzene
Concen: 5.059 ug/L
RT: 10.491 min Scan# 2846
Delta R.T. 0.000 min
Lab File: VU044273.D
Acq: 30 Jun 2021 20:28

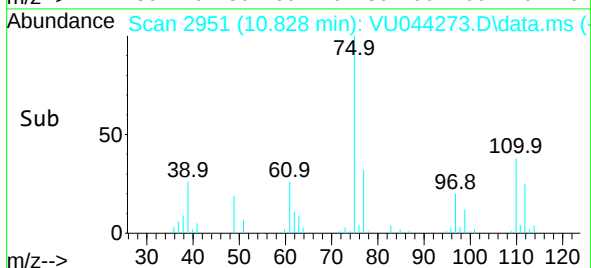
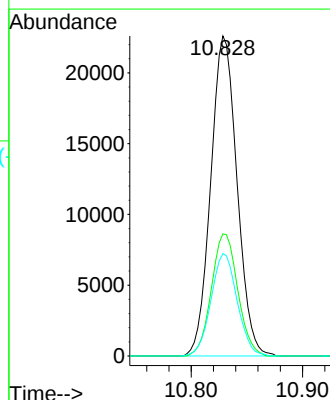
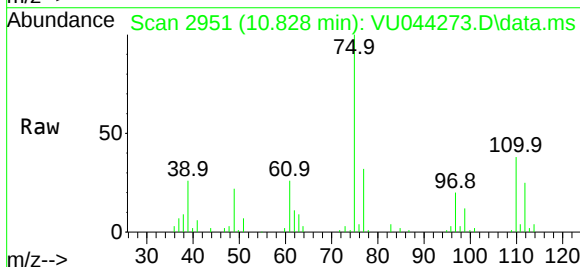
Instrument :
MSVOA_U
ClientSampled :

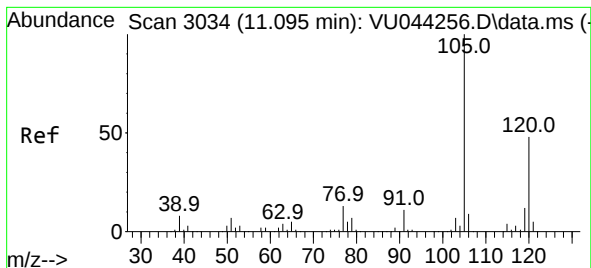
Tgt Ion:105 Resp: 242449
Ion Ratio Lower Upper
105 100
120 26.5 20.7 31.1
77 16.3 12.9 19.3



#61
1,2,3-Trichloropropane
Concen: 5.206 ug/L
RT: 10.828 min Scan# 2951
Delta R.T. 0.000 min
Lab File: VU044273.D
Acq: 30 Jun 2021 20:28

Tgt Ion: 75 Resp: 37041
Ion Ratio Lower Upper
75 100
110 38.2 30.5 45.7
77 31.9 26.1 39.1

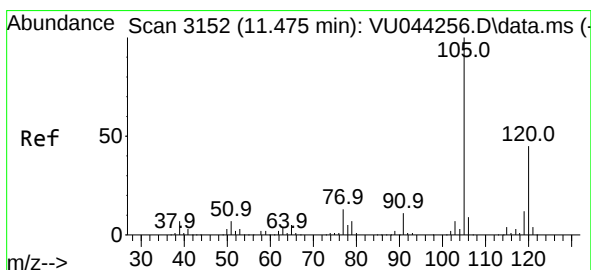
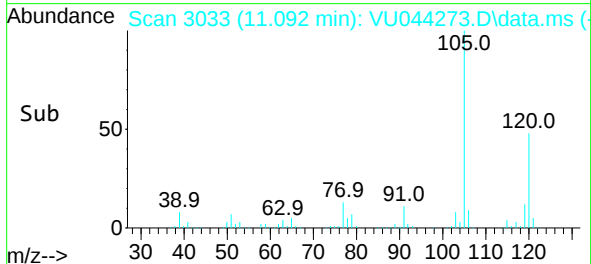
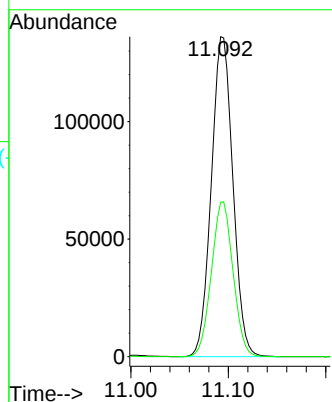
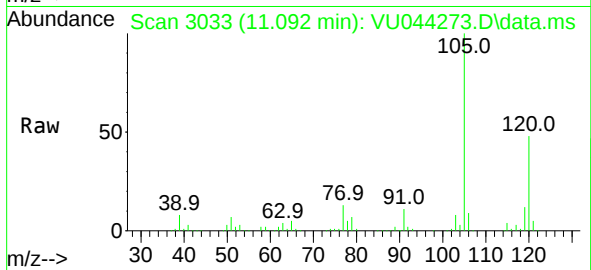




#62
1,3,5-Trimethylbenzene
Concen: 5.010 ug/L
RT: 11.092 min Scan# 3033
Delta R.T. -0.003 min
Lab File: VU044273.D
Acq: 30 Jun 2021 20:28

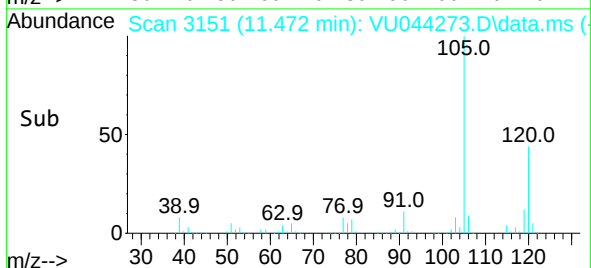
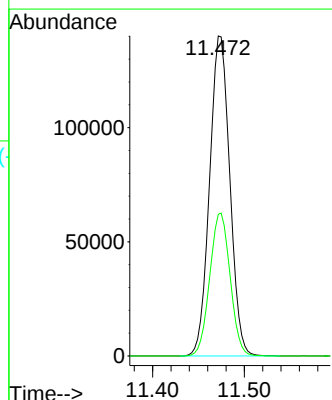
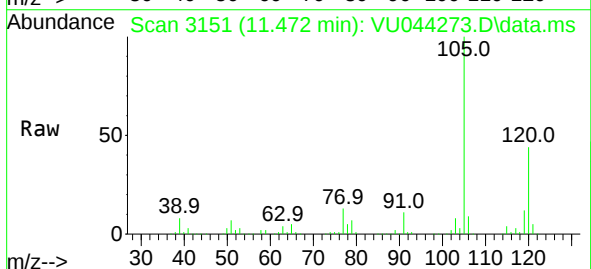
Instrument :
MSVOA_U
ClientSampled :

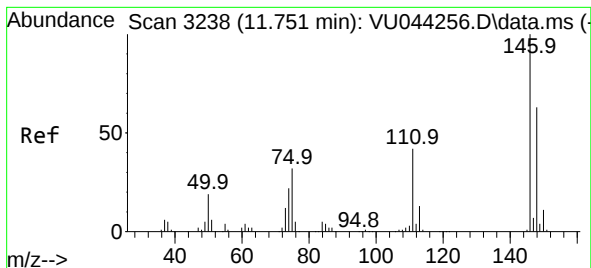
Tgt Ion:105 Resp: 209197
Ion Ratio Lower Upper
105 100
120 48.6 38.0 57.0



#63
1,2,4-Trimethylbenzene
Concen: 5.026 ug/L
RT: 11.472 min Scan# 3151
Delta R.T. -0.003 min
Lab File: VU044273.D
Acq: 30 Jun 2021 20:28

Tgt Ion:105 Resp: 214648
Ion Ratio Lower Upper
105 100
120 44.9 35.6 53.4





#64

1,3-Dichlorobenzene

Concen: 5.196 ug/L

RT: 11.751 min Scan# 3238

Delta R.T. 0.000 min

Lab File: VU044273.D

Acq: 30 Jun 2021 20:28

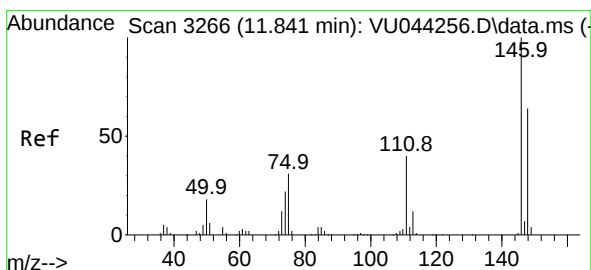
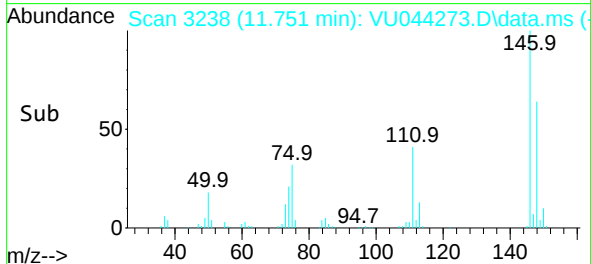
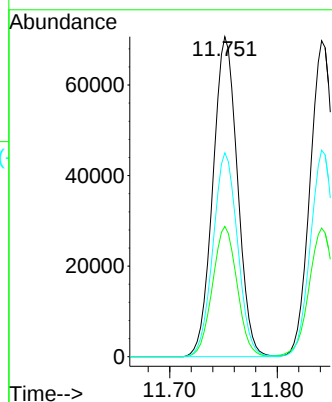
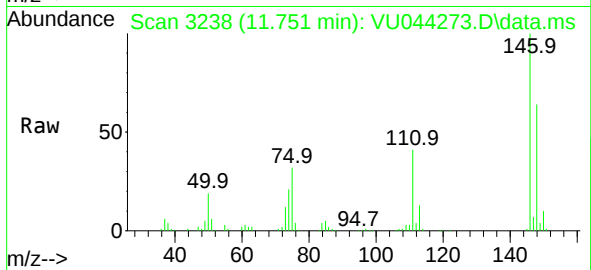
Tgt Ion:146 Resp: 112397

Ion Ratio Lower Upper

146 100

111 40.7 29.8 55.3

148 63.7 45.8 85.2



#65

1,4-Dichlorobenzene

Concen: 5.094 ug/L

RT: 11.841 min Scan# 3266

Delta R.T. 0.000 min

Lab File: VU044273.D

Acq: 30 Jun 2021 20:28

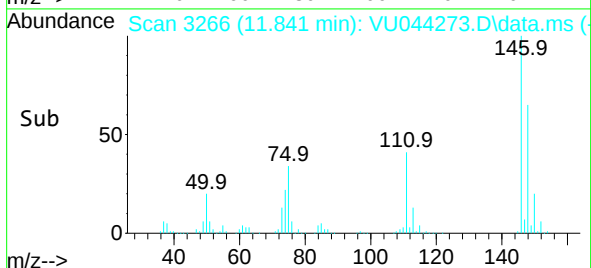
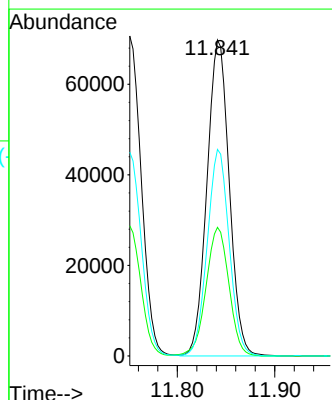
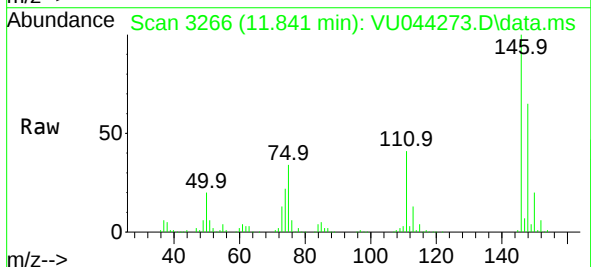
Tgt Ion:146 Resp: 111111

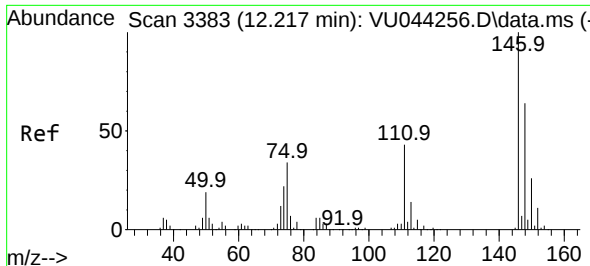
Ion Ratio Lower Upper

146 100

111 40.7 28.2 52.4

148 65.4 45.1 83.9

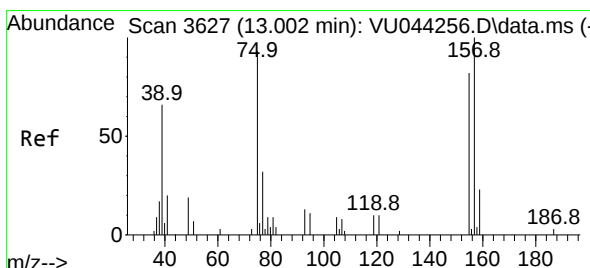
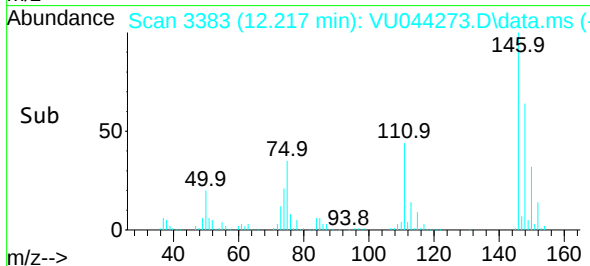
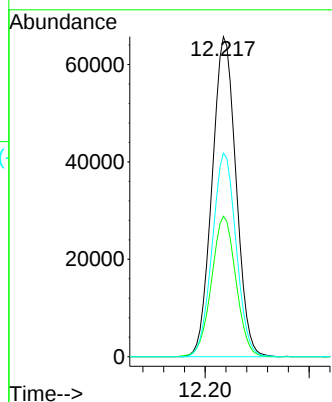
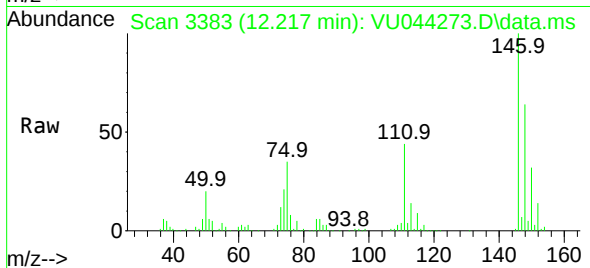




#67
1,2-Dichlorobenzene
Concen: 5.167 ug/L
RT: 12.217 min Scan# 3383
Delta R.T. 0.000 min
Lab File: VU044273.D
Acq: 30 Jun 2021 20:28

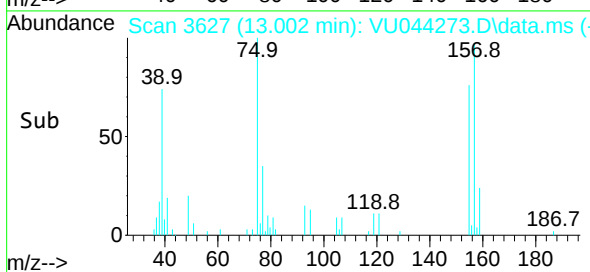
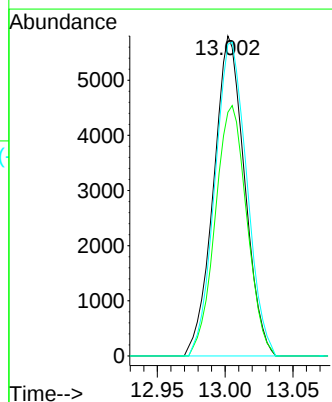
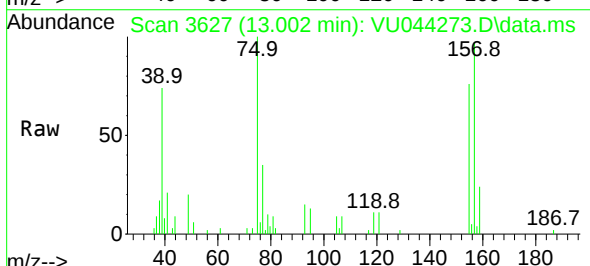
Instrument :
MSVOA_U
ClientSampled :

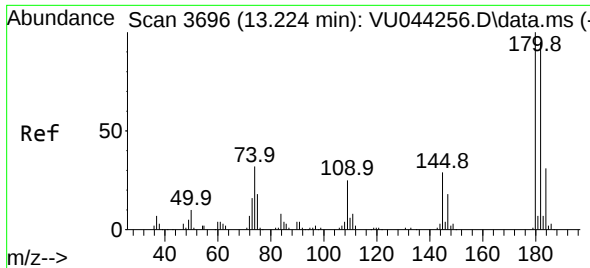
Tgt Ion:146 Resp: 105117
Ion Ratio Lower Upper
146 100
111 43.9 35.0 52.6
148 63.6 51.2 76.8



#68
1,2-Dibromo-3-chloropropane
Concen: 4.974 ug/L
RT: 13.002 min Scan# 3627
Delta R.T. 0.000 min
Lab File: VU044273.D
Acq: 30 Jun 2021 20:28

Tgt Ion: 75 Resp: 9244
Ion Ratio Lower Upper
75 100
155 76.2 59.9 89.9
157 97.4 79.3 118.9

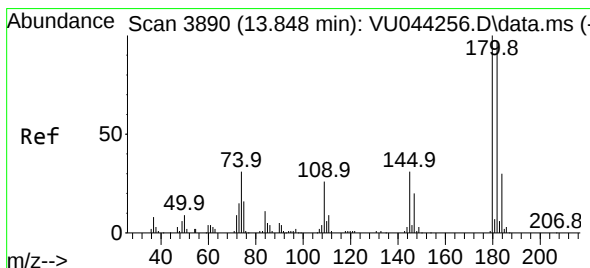
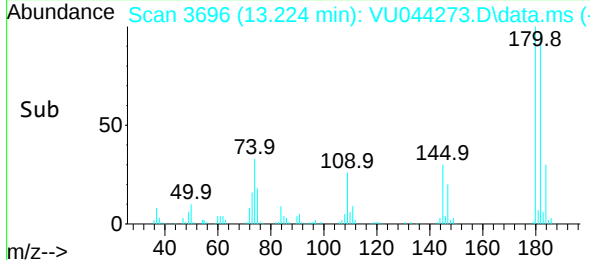
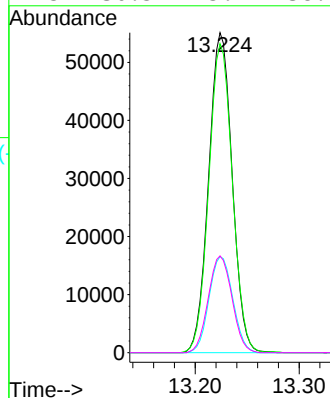
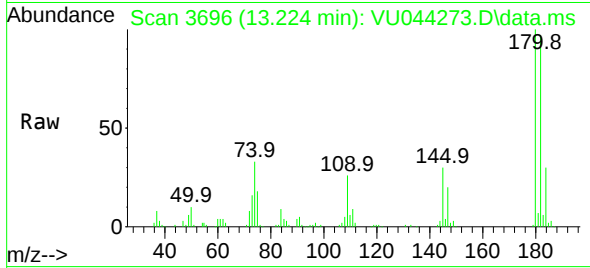




#69
1,3,5-Trichlorobenzene
Concen: 5.250 ug/L
RT: 13.224 min Scan# 3696
Delta R.T. 0.000 min
Lab File: VU044273.D
Acq: 30 Jun 2021 20:28

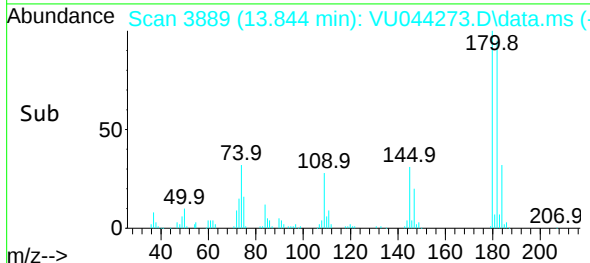
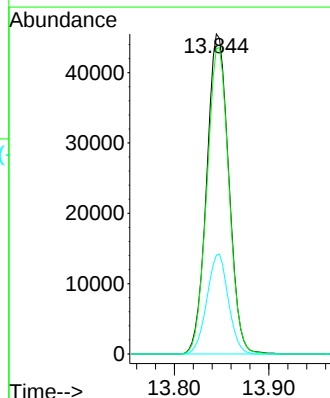
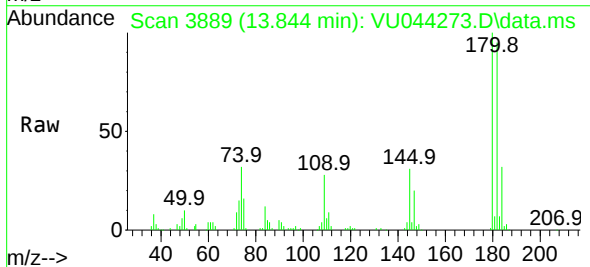
Instrument :
MSVOA_U
ClientSampleId :

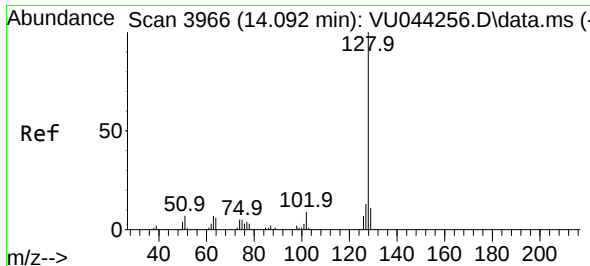
Tgt Ion:180	Resp:	86549
Ion Ratio	Lower	Upper
180	100	
182	97.0	75.8 113.6
184	30.3	23.8 35.8
145	30.5	25.4 38.0



#70
1,2,4-trichlorobenzene
Concen: 5.278 ug/L
RT: 13.844 min Scan# 3889
Delta R.T. -0.003 min
Lab File: VU044273.D
Acq: 30 Jun 2021 20:28

Tgt Ion:180	Resp:	73684
Ion Ratio	Lower	Upper
180	100	
182	95.6	75.7 113.5
145	30.3	25.6 38.4

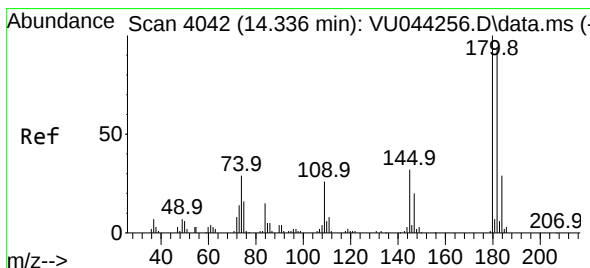
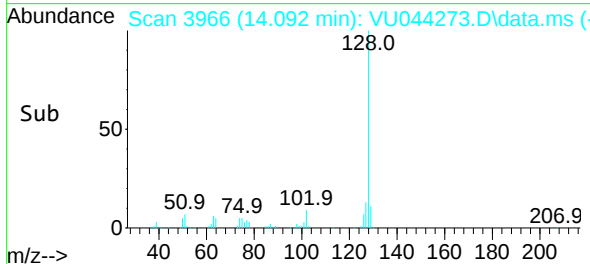
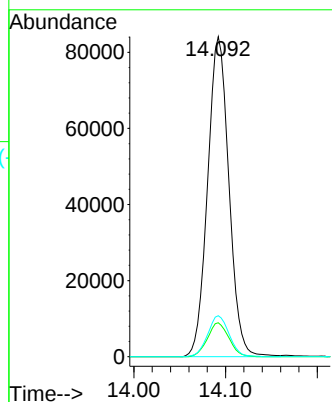
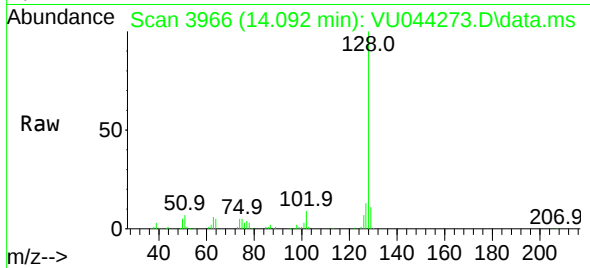




#71
Naphthalene
Concen: 5.373 ug/L
RT: 14.092 min Scan# 3966
Delta R.T. 0.000 min
Lab File: VU044273.D
Acq: 30 Jun 2021 20:28

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 135817
Ion Ratio Lower Upper
128 100
129 10.6 8.9 13.3
127 12.9 10.3 15.5



#72
1,2,3-Trichlorobenzene
Concen: 5.398 ug/L
RT: 14.336 min Scan# 4042
Delta R.T. 0.000 min
Lab File: VU044273.D
Acq: 30 Jun 2021 20:28

Tgt Ion:180 Resp: 65095
Ion Ratio Lower Upper
180 100
182 95.8 76.4 114.6
145 32.9 26.5 39.7

