

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU063021\
 Data File : VU044256.D
 Acq On : 30 Jun 2021 09:50
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 01 02:32:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR062121WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jun 22 01:35:06 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	153792	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	148054	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	82906	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	37700	4.528	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.600%
7) Chloroethane-d5	1.916	69	38008	4.636	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.800%
11) 1,1-Dichloroethene-d2	2.571	65	19777	4.628	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.600%
20) 2-Butanone-d5	4.629	46	130549	42.576	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.160%
24) Chloroform-d	5.073	84	87761	4.682	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.600%
26) 1,2-Dichloroethane-d4	5.710	65	49942	4.457	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.200%
32) Benzene-d6	5.735	84	177703	4.833	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.600%
36) 1,2-Dichloropropane-d6	6.700	67	57427	4.819	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.400%
41) Toluene-d8	7.906	98	168125	4.927	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.600%
43) trans-1,3-Dichloroprop...	8.185	79	23824	4.310	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.200%
46) 2-Hexanone-d5	8.639	63	110720	42.056	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.120%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	45254	4.272	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.400%
66) 1,2-Dichlorobenzene-d4	12.198	152	68465	5.012	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	41637	4.597	ug/L	100
3) Chloromethane	1.523	50	47054	4.492	ug/L	99
5) Vinyl chloride	1.607	62	51668	4.754	ug/L	100
6) Bromomethane	1.858	94	31454	4.513	ug/L	99
8) Chloroethane	1.938	64	34405	4.652	ug/L	99
9) Trichlorofluoromethane	2.144	101	78473	5.170	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	46739	5.130	ug/L	98
12) 1,1-Dichloroethene	2.584	96	42089	4.740	ug/L	96
13) Acetone	2.633	43	80828	58.956	ug/L	91
14) Carbon disulfide	2.800	76	110709	4.048	ug/L	99
15) Methyl Acetate	2.954	43	20058	5.207	ug/L	98
16) Methylene chloride	3.054	84	52311	4.371	ug/L	99
17) Methyl tert-butyl Ether	3.375	73	127384	4.837	ug/L	99
18) trans-1,2-Dichloroethene	3.362	96	45842	4.850	ug/L	98
19) 1,1-Dichloroethane	3.880	63	90648	5.028	ug/L	99
21) 2-Butanone	4.710	43	139952	44.933	ug/L	99
22) cis-1,2-Dichloroethene	4.678	96	52855	5.111	ug/L	94
23) Bromochloromethane	4.983	128	23583	5.006	ug/L	97
25) Chloroform	5.099	83	97874	5.085	ug/L	100

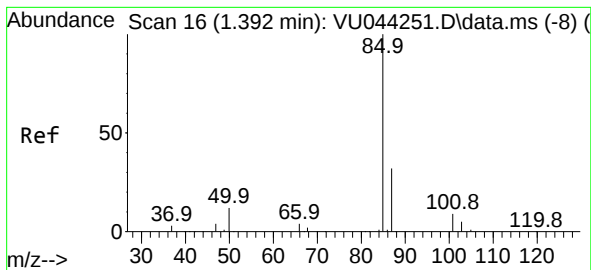
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU063021\
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR062121WMA.M
 Quant Title : TRACE VOA SFAM1.0
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	61373	4.783	ug/L	99
29) 1,1,1-Trichloroethane	5.327	97	85149	5.105	ug/L	99
30) Cyclohexane	5.398	56	76759	4.461	ug/L	97
31) Carbon tetrachloride	5.533	117	74323	5.229	ug/L	100
33) Benzene	5.784	78	192179	4.948	ug/L	100
34) Trichloroethene	6.549	95	53109	5.049	ug/L	94
35) Methylcyclohexane	6.771	83	80911	4.659	ug/L	99
37) 1,2-Dichloropropane	6.800	63	52213	5.090	ug/L	99
38) Bromodichloromethane	7.115	83	71327	4.946	ug/L	98
39) cis-1,3-Dichloropropene	7.616	75	83713	4.970	ug/L	98
40) 4-Methyl-2-pentanone	7.796	43	354873	43.051	ug/L	99
42) Toluene	7.976	91	214704	5.020	ug/L	100
44) trans-1,3-Dichloropropene	8.218	75	75130	4.864	ug/L	98
45) 1,1,2-Trichloroethane	8.407	97	37366	4.840	ug/L	95
47) Tetrachloroethene	8.558	164	41716	5.364	ug/L	95
48) 2-Hexanone	8.690	43	257791	44.379	ug/L	97
49) Dibromochloromethane	8.816	129	49983	5.100	ug/L	99
50) 1,2-Dibromoethane	8.931	107	36382	4.878	ug/L	98
51) Chlorobenzene	9.452	112	143626	5.243	ug/L	98
52) Ethylbenzene	9.578	91	252868	5.121	ug/L	100
53) m,p-Xylene	9.700	106	96861	5.181	ug/L	100
54) o-Xylene	10.108	106	93771	5.160	ug/L	98
55) Styrene	10.121	104	161462	5.066	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.790	83	46153	4.506	ug/L	97
59) Bromoform	10.298	173	29545	5.035	ug/L #	98
60) Isopropylbenzene	10.491	105	260465	5.167	ug/L	100
61) 1,2,3-Trichloropropane	10.828	75	35103	4.690	ug/L	99
62) 1,3,5-Trimethylbenzene	11.095	105	226456	5.155	ug/L	98
63) 1,2,4-Trimethylbenzene	11.475	105	230738	5.136	ug/L	99
64) 1,3-Dichlorobenzene	11.751	146	121536	5.341	ug/L	98
65) 1,4-Dichlorobenzene	11.841	146	121208	5.283	ug/L	100
67) 1,2-Dichlorobenzene	12.217	146	111565	5.213	ug/L	99
68) 1,2-Dibromo-3-chloropr...	13.002	75	8723	4.462	ug/L	88
69) 1,3,5-Trichlorobenzene	13.224	180	97978	5.650	ug/L	99
70) 1,2,4-trichlorobenzene	13.848	180	80714	5.496	ug/L	97
71) Naphthalene	14.092	128	127002	4.776	ug/L	100
72) 1,2,3-Trichlorobenzene	14.336	180	69033	5.442	ug/L	100

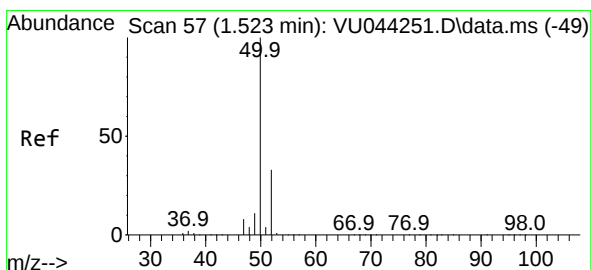
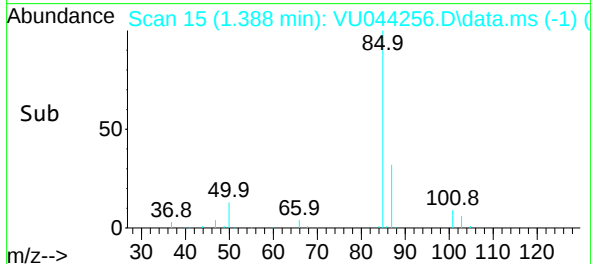
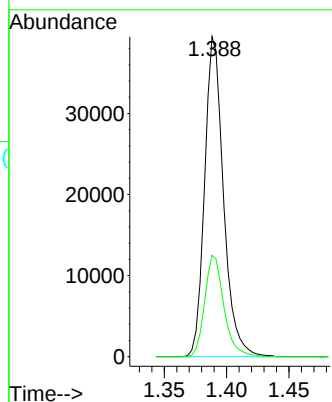
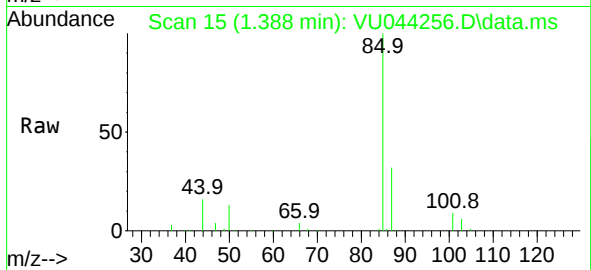
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 4.597 ug/L
RT: 1.388 min Scan# 15
Delta R.T. -0.003 min
Lab File: VU044256.D
Acq: 30 Jun 2021 09:50

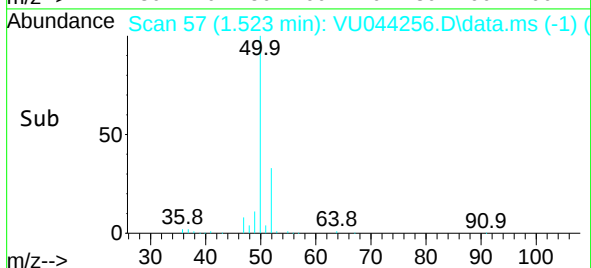
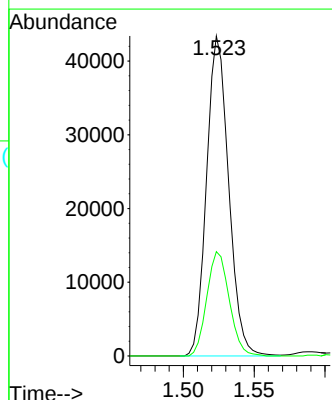
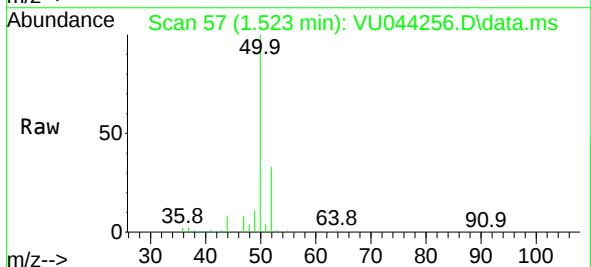
Instrument :
MSVOA_U
ClientSampled :

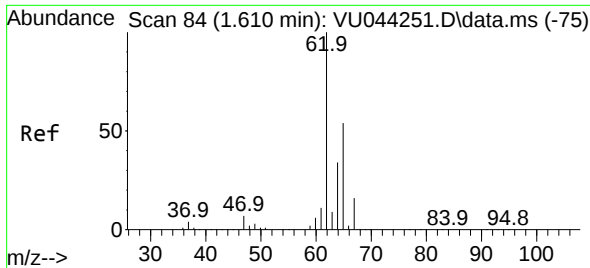
Tgt Ion: 85 Resp: 41637
Ion Ratio Lower Upper
85 100
87 32.1 25.6 38.4



#3
Chloromethane
Concen: 4.492 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU044256.D
Acq: 30 Jun 2021 09:50

Tgt Ion: 50 Resp: 47054
Ion Ratio Lower Upper
50 100
52 32.6 23.1 42.9

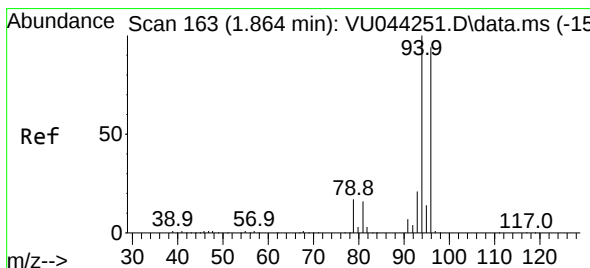
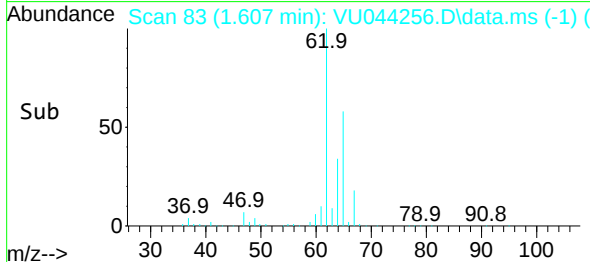
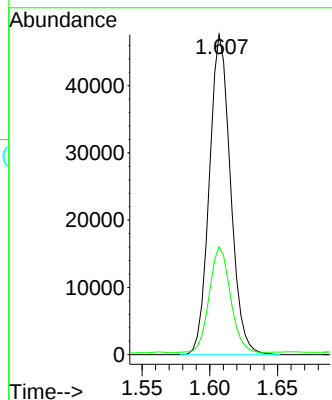
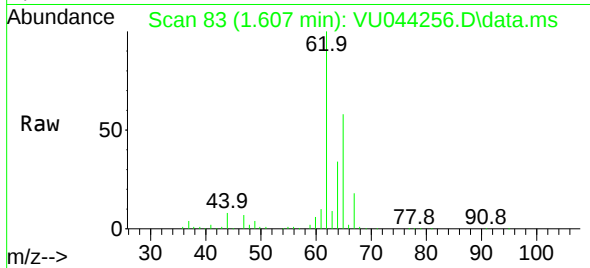




#5
 Vinyl chloride
 Concen: 4.754 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. -0.003 min
 Lab File: VU044256.D
 Acq: 30 Jun 2021 09:50

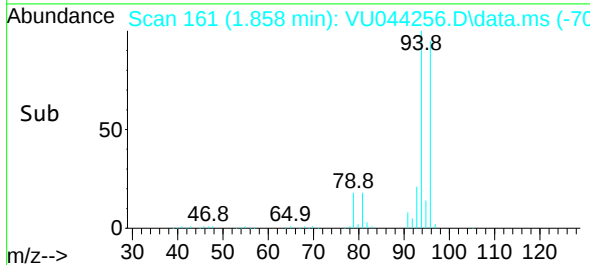
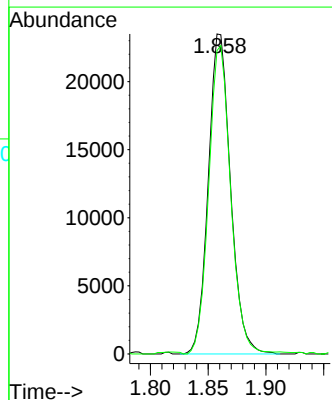
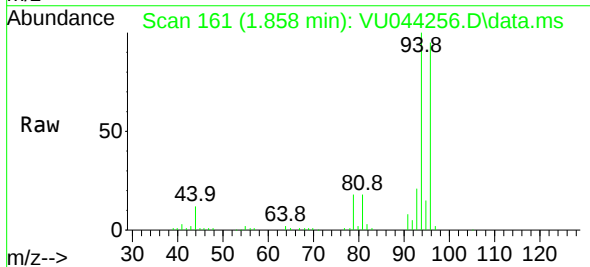
Instrument :
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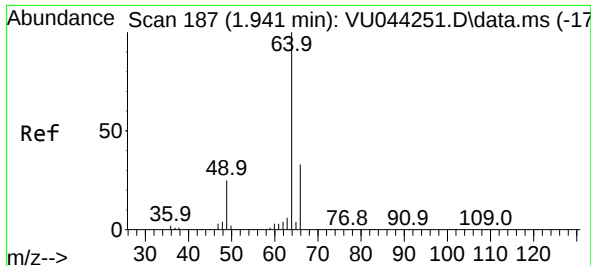
Tgt Ion: 62 Resp: 51668
 Ion Ratio Lower Upper
 62 100
 64 33.7 23.7 44.1



#6
 Bromomethane
 Concen: 4.513 ug/L
 RT: 1.858 min Scan# 161
 Delta R.T. -0.007 min
 Lab File: VU044256.D
 Acq: 30 Jun 2021 09:50

Tgt Ion: 94 Resp: 31454
 Ion Ratio Lower Upper
 94 100
 96 94.8 65.8 122.2

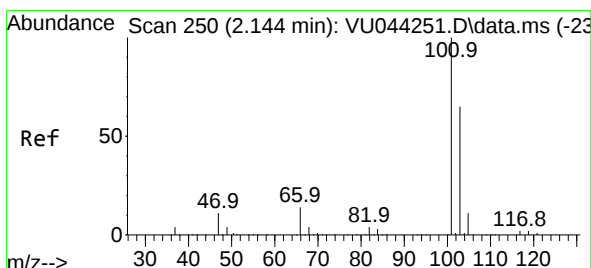
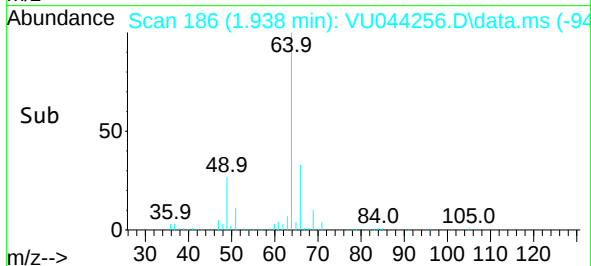
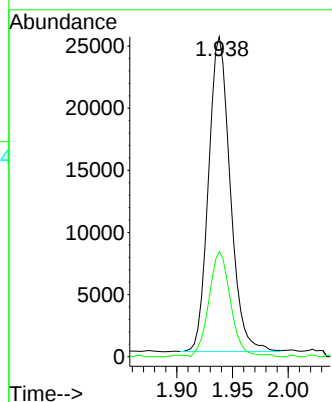
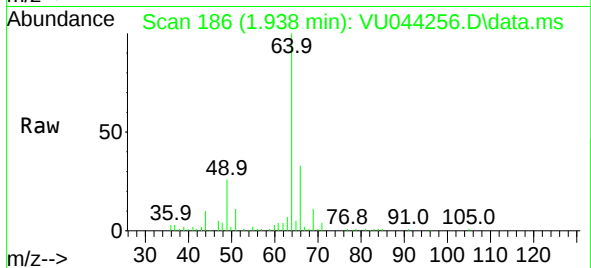




#8
Chloroethane
Concen: 4.652 ug/L
RT: 1.938 min Scan# 186
Delta R.T. -0.003 min
Lab File: VU044256.D
Acq: 30 Jun 2021 09:50

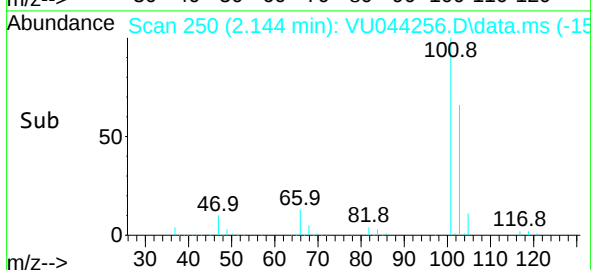
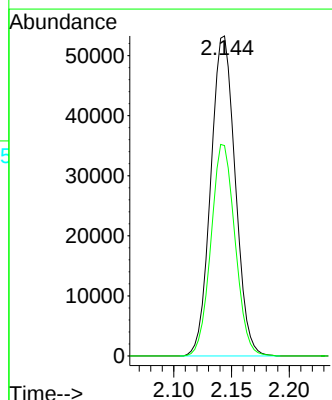
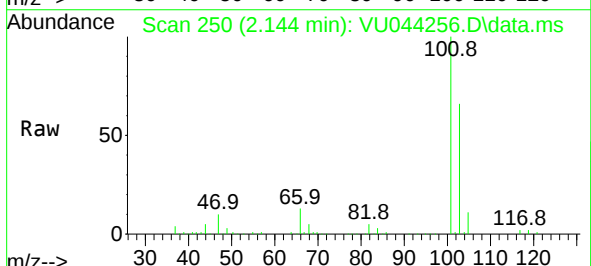
Instrument :
MSVOA_U
ClientSampled :

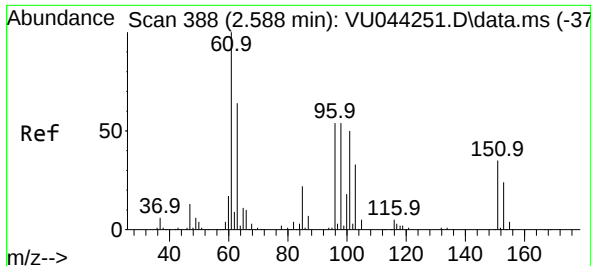
Tgt Ion: 64 Resp: 34405
Ion Ratio Lower Upper
64 100
66 32.8 22.7 42.3



#9
Trichlorofluoromethane
Concen: 5.170 ug/L
RT: 2.144 min Scan# 250
Delta R.T. -0.000 min
Lab File: VU044256.D
Acq: 30 Jun 2021 09:50

Tgt Ion:101 Resp: 78473
Ion Ratio Lower Upper
101 100
103 65.1 51.8 77.8





#10

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

Concen: 5.130 ug/L

RT: 2.584 min Scan# 387

Delta R.T. -0.003 min

Lab File: VU044256.D

Acq: 30 Jun 2021 09:50

Tgt Ion:101 Resp: 46739

Ion Ratio Lower Upper

101 100

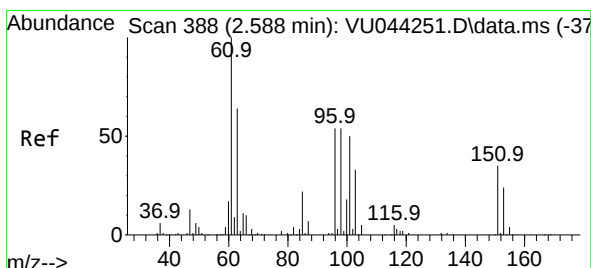
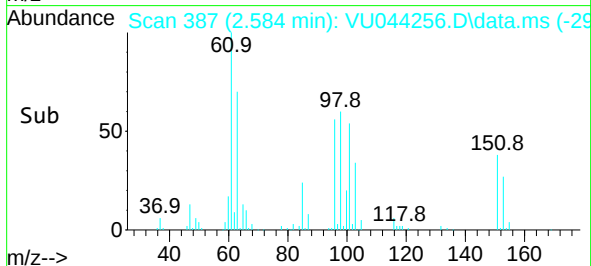
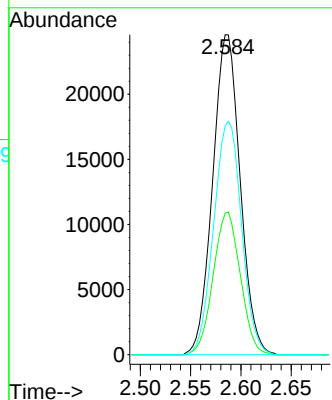
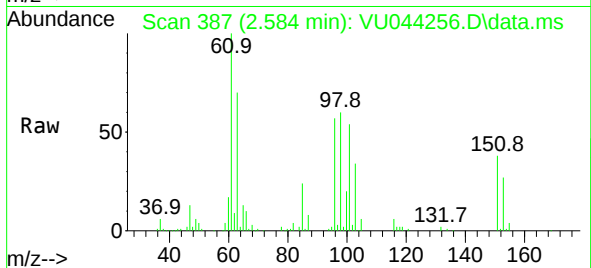
85 43.9 37.0 55.4

151 74.1 58.1 87.1

Instrument :

MSVOA_U

ClientSampleId :



#12

1,1-Dichloroethene

Concen: 4.740 ug/L

RT: 2.584 min Scan# 387

Delta R.T. -0.003 min

Lab File: VU044256.D

Acq: 30 Jun 2021 09:50

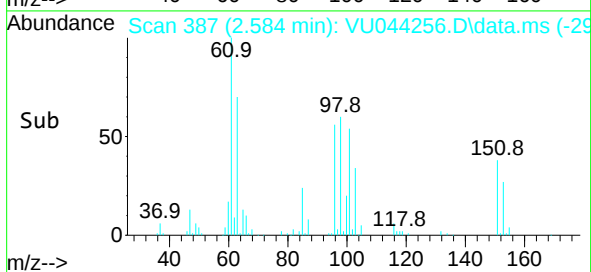
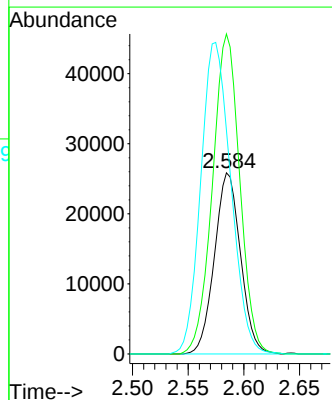
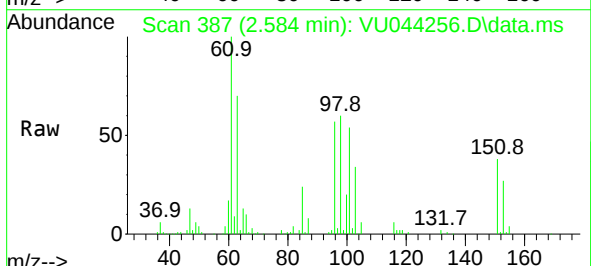
Tgt Ion: 96 Resp: 42089

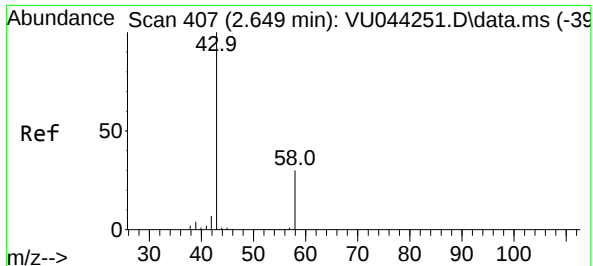
Ion Ratio Lower Upper

96 100

61 176.7 128.6 238.8

63 123.5 84.3 156.5

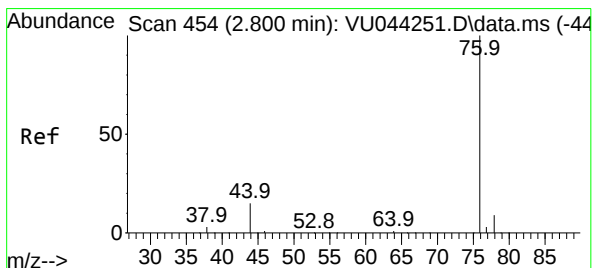
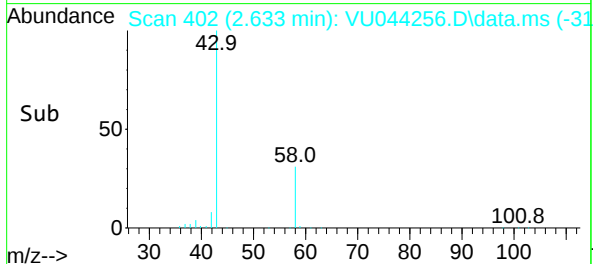
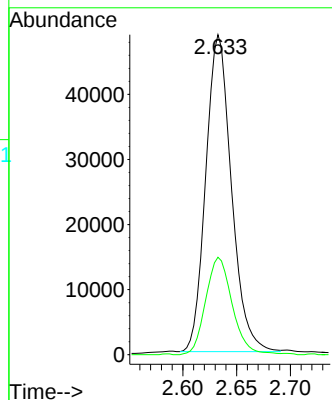
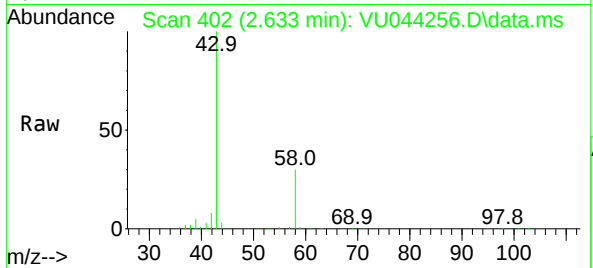




#13
Acetone
Concen: 58.956 ug/L
RT: 2.633 min Scan# 402
Delta R.T. -0.016 min
Lab File: VU044256.D
Acq: 30 Jun 2021 09:50

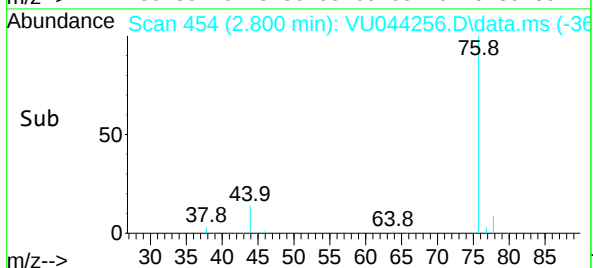
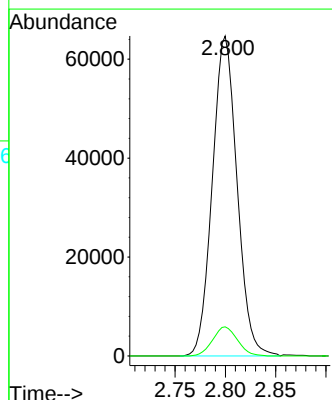
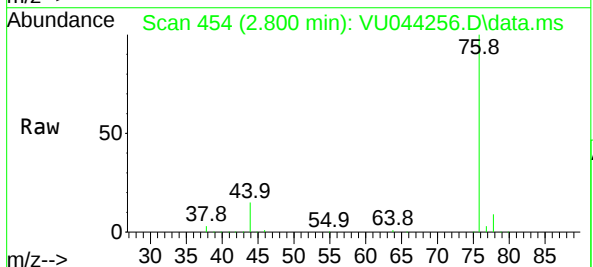
Instrument :
MSVOA_U
ClientSampled :

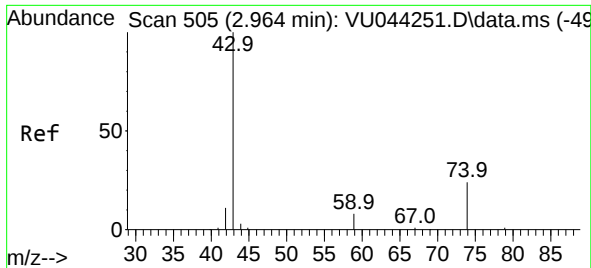
Tgt Ion: 43 Resp: 80828
Ion Ratio Lower Upper
43 100
58 31.7 0.0 53.8



#14
Carbon disulfide
Concen: 4.048 ug/L
RT: 2.800 min Scan# 454
Delta R.T. -0.000 min
Lab File: VU044256.D
Acq: 30 Jun 2021 09:50

Tgt Ion: 76 Resp: 110709
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.2

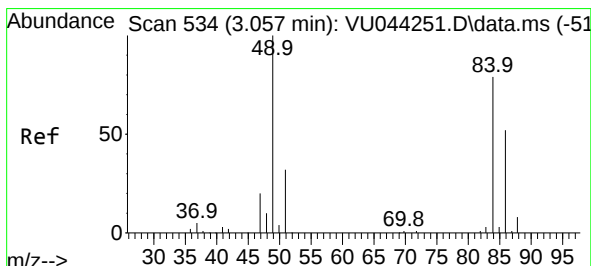
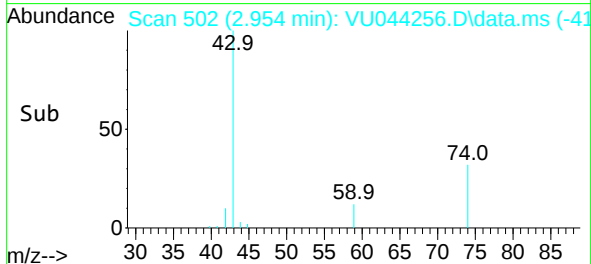
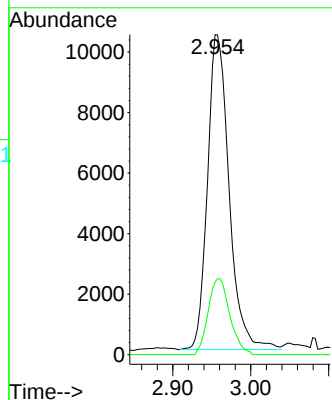
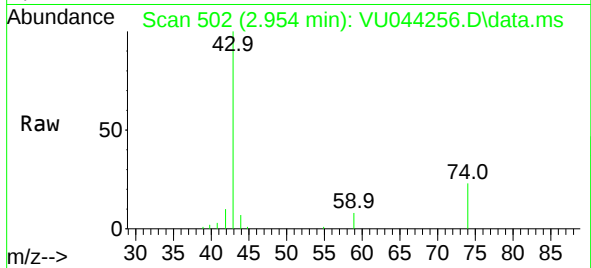




#15
Methyl Acetate
Concen: 5.207 ug/L
RT: 2.954 min Scan# 502
Delta R.T. -0.010 min
Lab File: VU044256.D
Acq: 30 Jun 2021 09:50

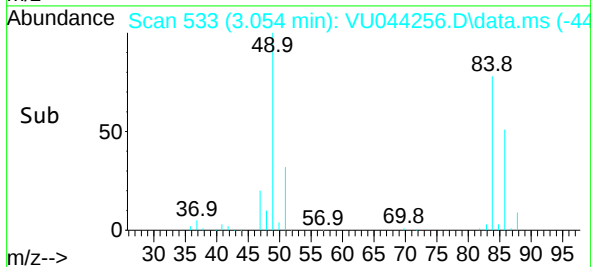
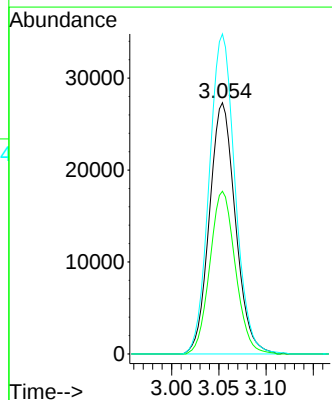
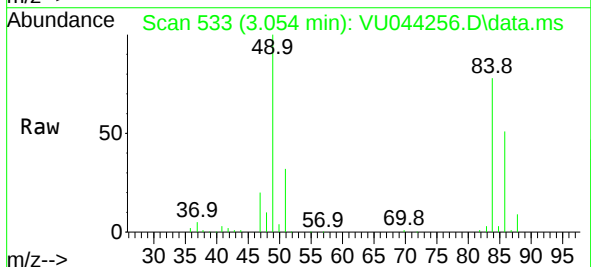
Instrument :
MSVOA_U
ClientSampled :

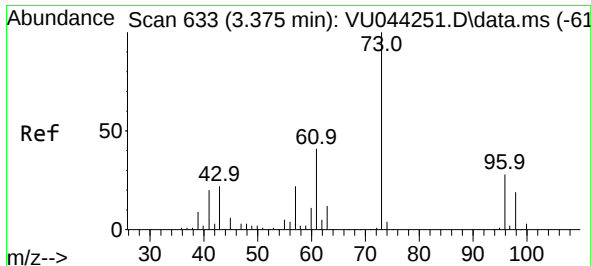
Tgt Ion: 43 Resp: 20058
Ion Ratio Lower Upper
43 100
74 24.1 18.4 27.6



#16
Methylene chloride
Concen: 4.371 ug/L
RT: 3.054 min Scan# 533
Delta R.T. -0.003 min
Lab File: VU044256.D
Acq: 30 Jun 2021 09:50

Tgt Ion: 84 Resp: 52311
Ion Ratio Lower Upper
84 100
86 64.8 46.1 85.5
49 127.4 88.4 164.2

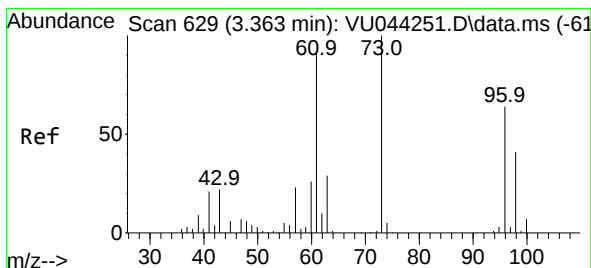
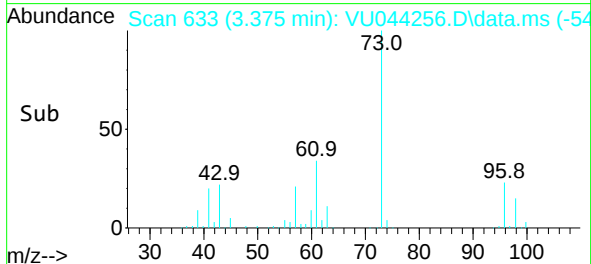
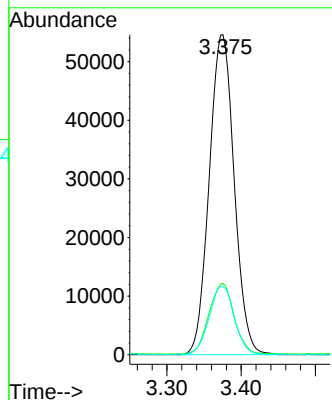
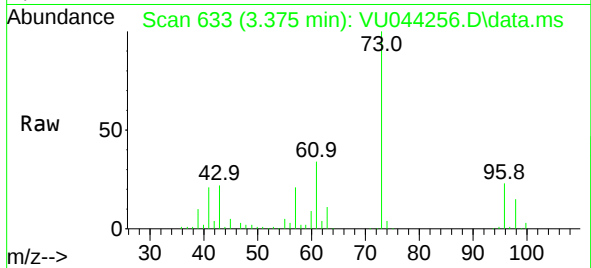




#17
Methyl tert-butyl Ether
Concen: 4.837 ug/L
RT: 3.375 min Scan# 633
Delta R.T. -0.000 min
Lab File: VU044256.D
Acq: 30 Jun 2021 09:50

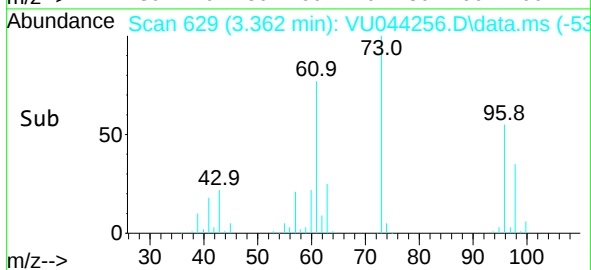
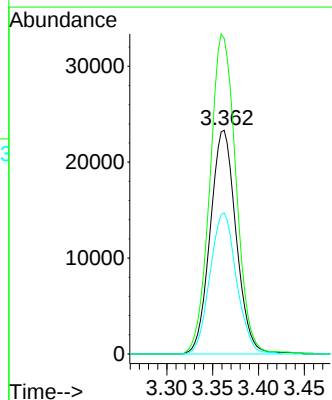
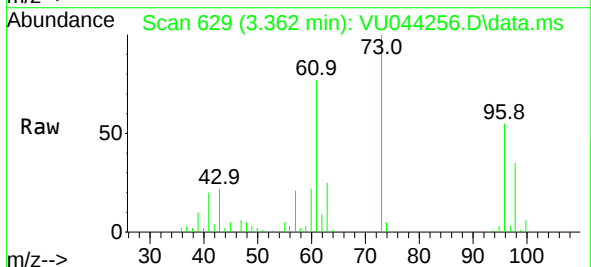
Instrument :
MSVOA_U
ClientSampled :

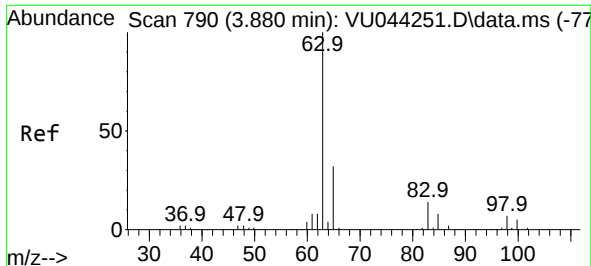
Tgt Ion: 73 Resp: 127384
Ion Ratio Lower Upper
73 100
43 22.1 17.6 26.4
57 21.5 17.8 26.8



#18
trans-1,2-Dichloroethene
Concen: 4.850 ug/L
RT: 3.362 min Scan# 629
Delta R.T. -0.000 min
Lab File: VU044256.D
Acq: 30 Jun 2021 09:50

Tgt Ion: 96 Resp: 45842
Ion Ratio Lower Upper
96 100
61 141.0 100.2 186.2
98 63.0 44.9 83.5





#19

1,1-Dichloroethane

Concen: 5.028 ug/L

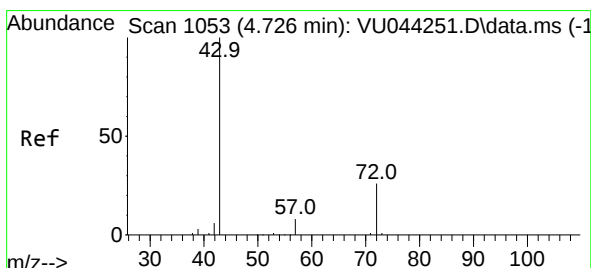
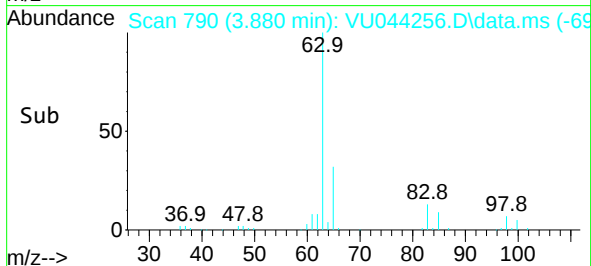
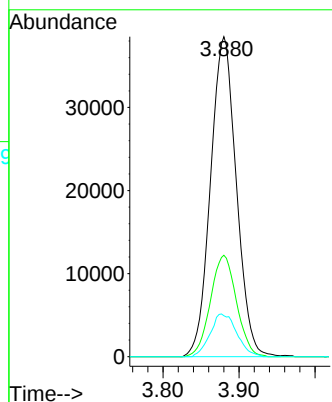
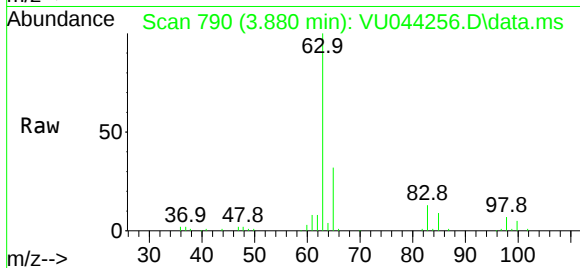
RT: 3.880 min Scan# 790

Delta R.T. -0.000 min

Lab File: VU044256.D

Acq: 30 Jun 2021 09:50

Tgt Ion:	63	Resp:	90648
Ion	Ratio	Lower	Upper
63	100		
65	31.7	22.3	41.3
83	12.8	9.9	18.5



#21

2-Butanone

Concen: 44.933 ug/L

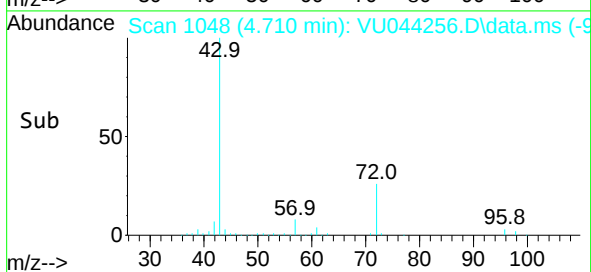
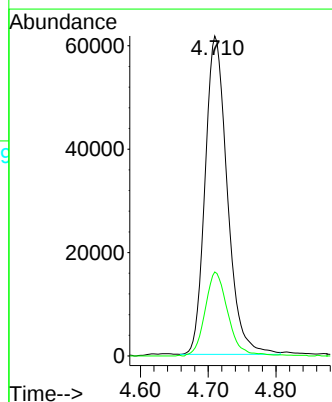
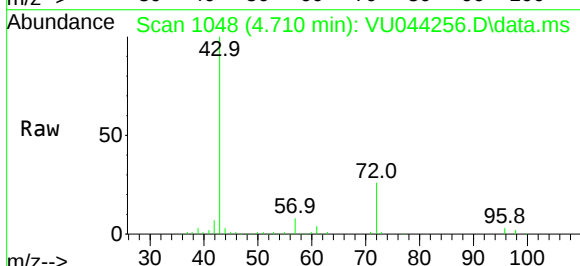
RT: 4.710 min Scan# 1048

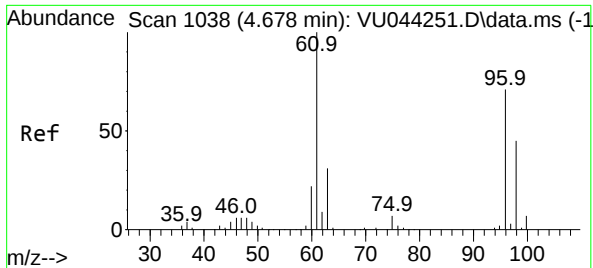
Delta R.T. -0.016 min

Lab File: VU044256.D

Acq: 30 Jun 2021 09:50

Tgt Ion:	43	Resp:	139952
Ion	Ratio	Lower	Upper
43	100		
72	27.2	13.4	40.1

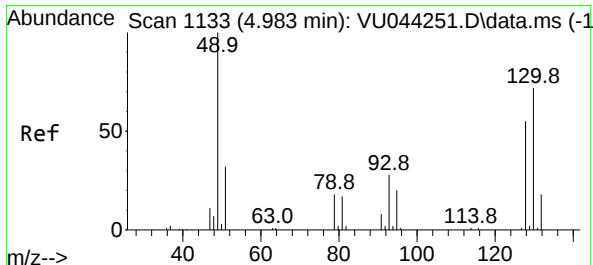
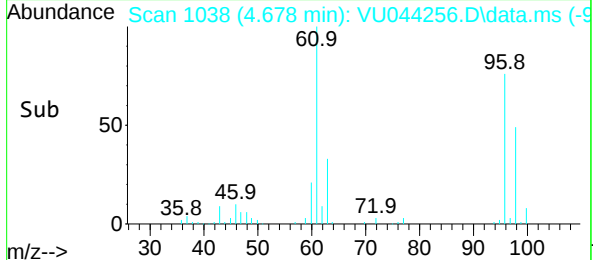
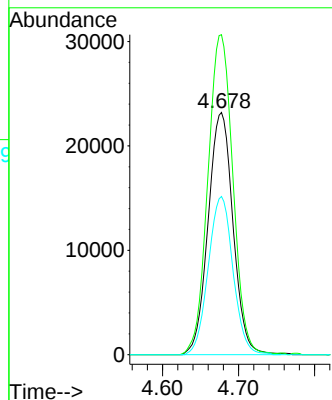
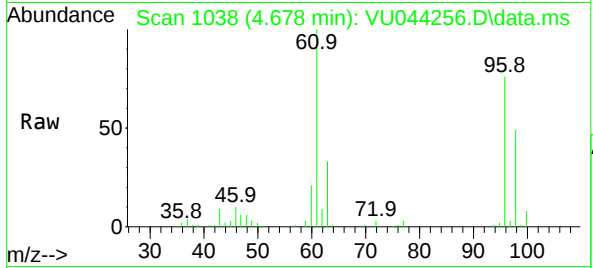




#22
 cis-1,2-Dichloroethene
 Concen: 5.111 ug/L
 RT: 4.678 min Scan# 1038
 Delta R.T. -0.000 min
 Lab File: VU044256.D
 Acq: 30 Jun 2021 09:50

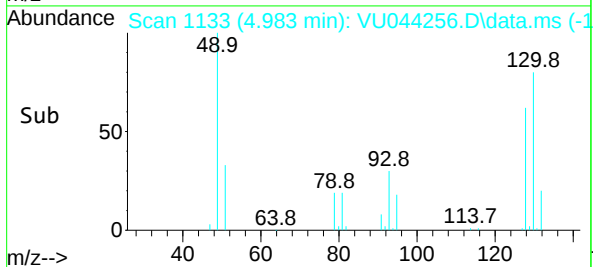
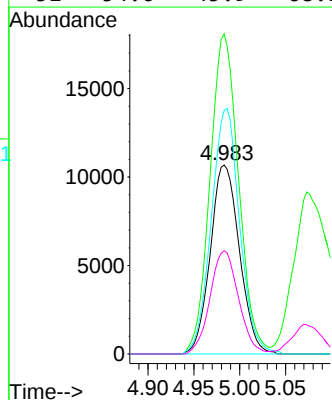
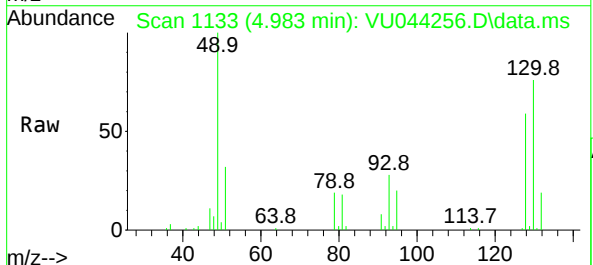
Instrument :
 MSVOA_U
 ClientSampled :

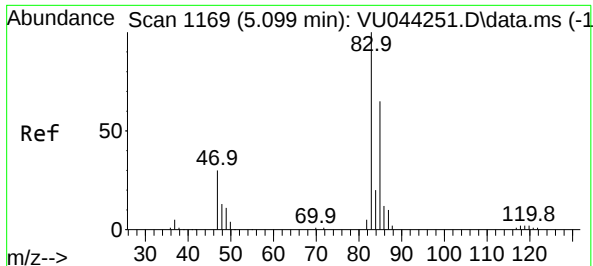
Tgt Ion:	96	Resp:	52855
Ion	Ratio	Lower	Upper
96	100		
61	132.1	98.8	183.6
98	65.3	44.8	83.2



#23
 Bromochloromethane
 Concen: 5.006 ug/L
 RT: 4.983 min Scan# 1133
 Delta R.T. -0.000 min
 Lab File: VU044256.D
 Acq: 30 Jun 2021 09:50

Tgt Ion:	128	Resp:	23583
Ion	Ratio	Lower	Upper
128	100		
49	175.4	127.2	236.2
130	129.0	91.7	170.3
51	54.6	45.9	68.9



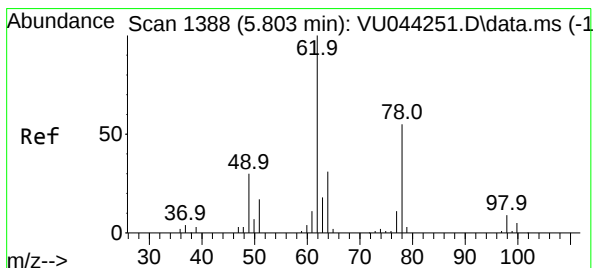
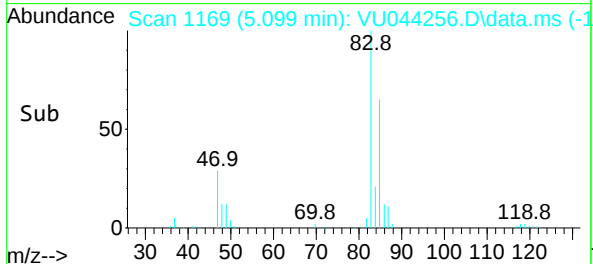
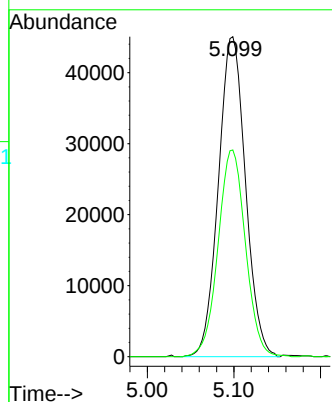
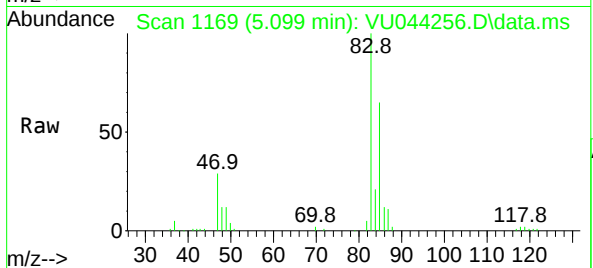


#25

Chloroform
Concen: 5.085 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. -0.000 min
Lab File: VU044256.D
Acq: 30 Jun 2021 09:50

Instrument :
MSVOA_U
ClientSampled :

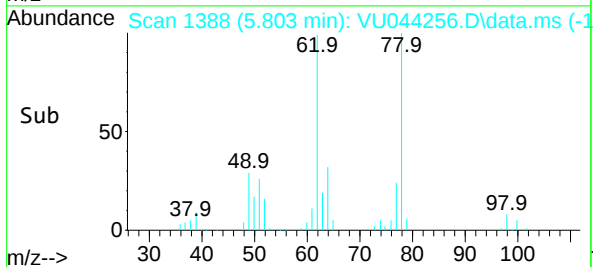
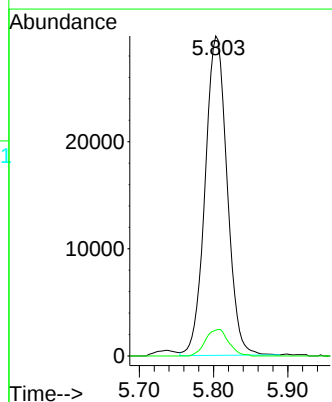
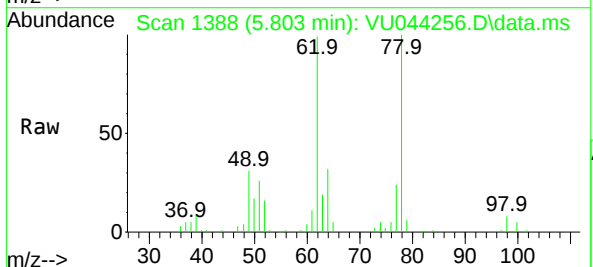
Tgt Ion: 83 Resp: 97874
Ion Ratio Lower Upper
83 100
85 64.6 45.2 84.0

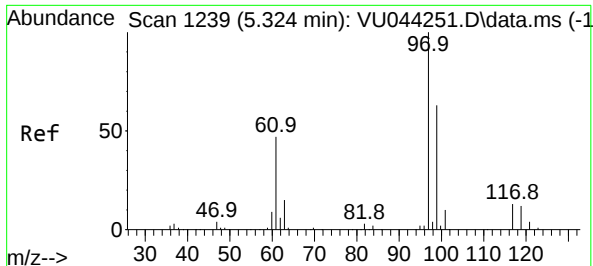


#27

1,2-Dichloroethane
Concen: 4.783 ug/L
RT: 5.803 min Scan# 1388
Delta R.T. -0.000 min
Lab File: VU044256.D
Acq: 30 Jun 2021 09:50

Tgt Ion: 62 Resp: 61373
Ion Ratio Lower Upper
62 100
98 8.1 6.8 10.2





#29

1,1,1-Trichloroethane

Concen: 5.105 ug/L

RT: 5.327 min Scan# 1240

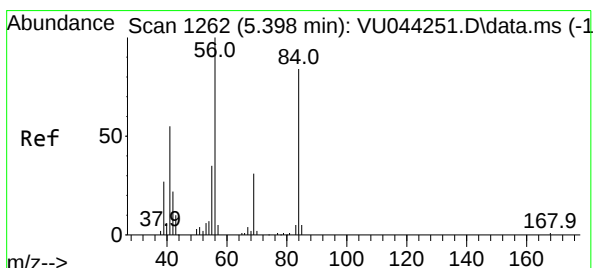
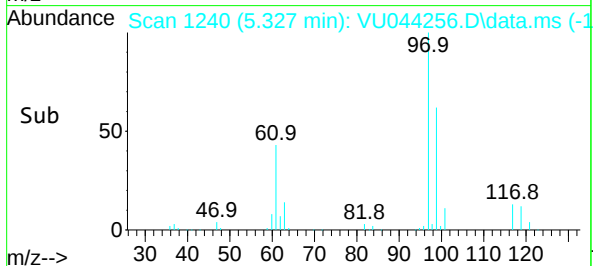
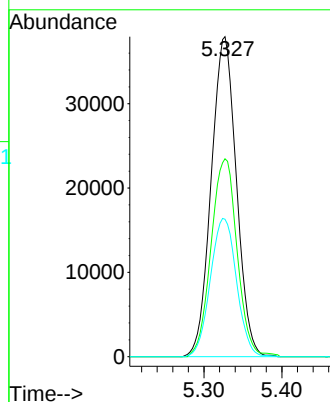
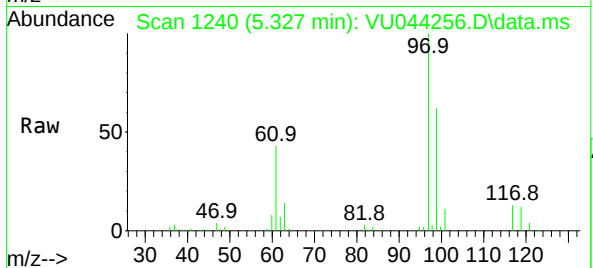
Delta R.T. 0.003 min

Lab File: VU044256.D

Acq: 30 Jun 2021 09:50

Tgt Ion:	97	Resp:	85149
Ion	Ratio	Lower	Upper
97	100		
99	64.0	51.4	77.0
61	44.9	37.0	55.6

Instrument :
MSVOA_U
ClientSampled :



#30

Cyclohexane

Concen: 4.461 ug/L

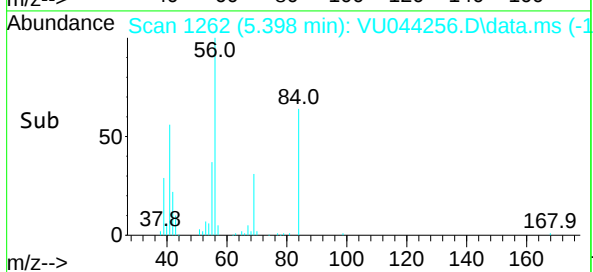
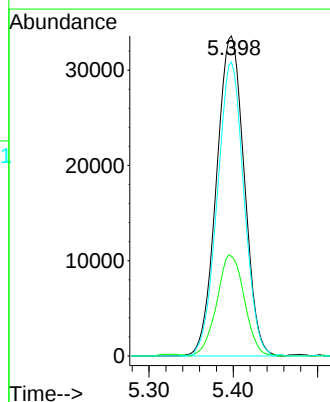
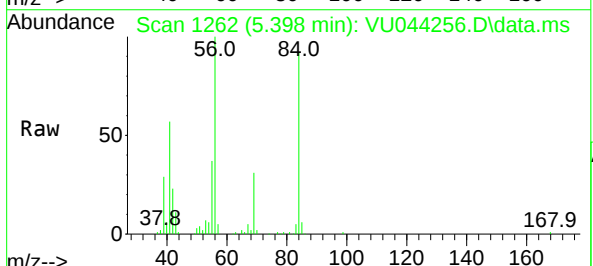
RT: 5.398 min Scan# 1262

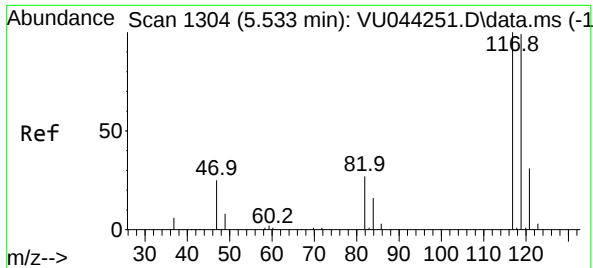
Delta R.T. -0.000 min

Lab File: VU044256.D

Acq: 30 Jun 2021 09:50

Tgt Ion:	56	Resp:	76759
Ion	Ratio	Lower	Upper
56	100		
69	31.3	24.8	37.2
84	88.4	67.8	101.8

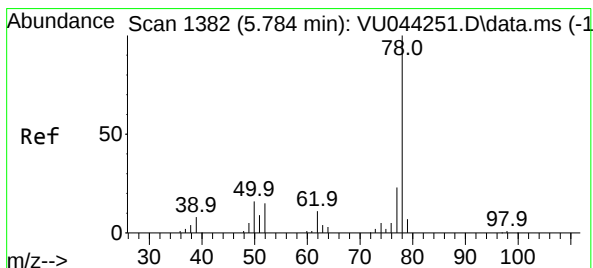
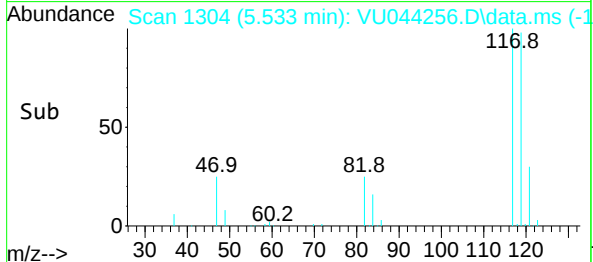
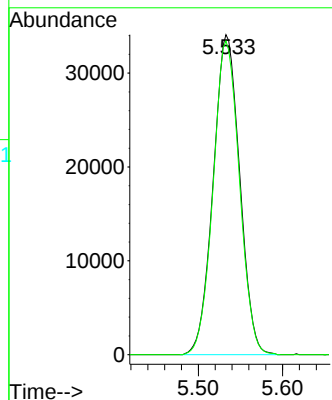
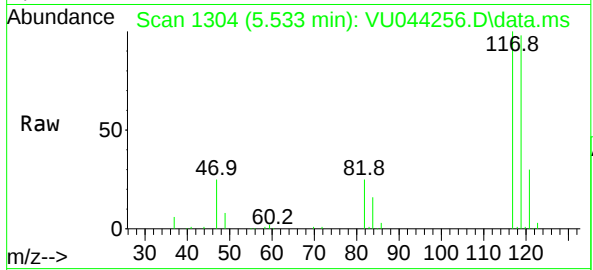




#31
Carbon tetrachloride
Concen: 5.229 ug/L
RT: 5.533 min Scan# 1304
Delta R.T. -0.000 min
Lab File: VU044256.D
Acq: 30 Jun 2021 09:50

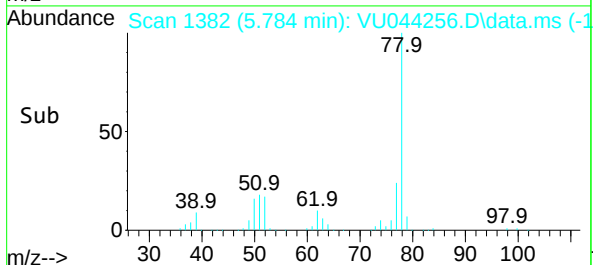
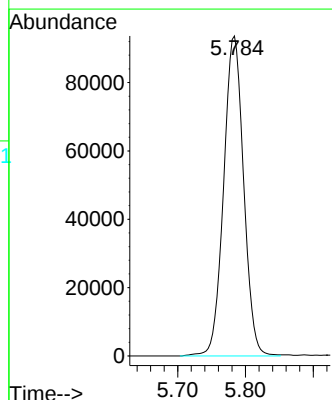
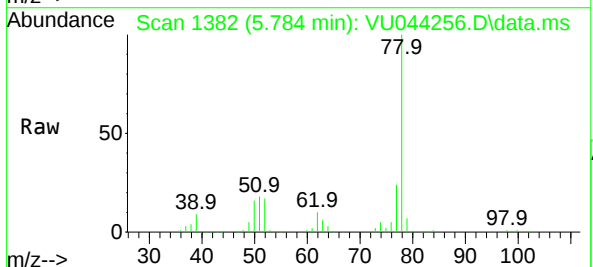
Instrument :
MSVOA_U
ClientSampled :

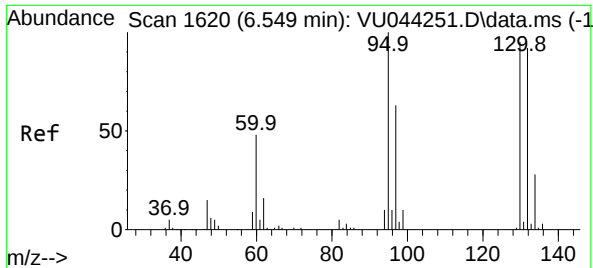
Tgt Ion:117 Resp: 74323
Ion Ratio Lower Upper
117 100
119 97.2 77.7 116.5



#33
Benzene
Concen: 4.948 ug/L
RT: 5.784 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VU044256.D
Acq: 30 Jun 2021 09:50

Tgt Ion: 78 Resp: 192179

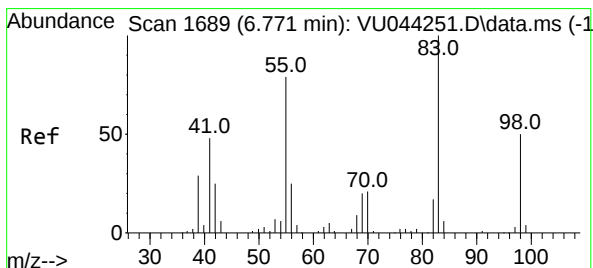
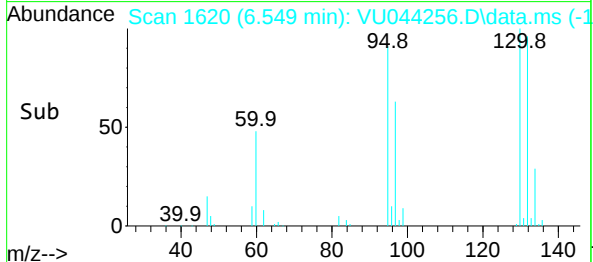
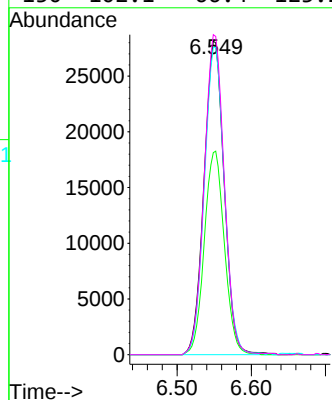
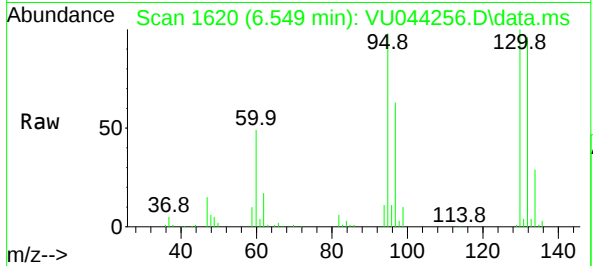




#34
Trichloroethene
Concen: 5.049 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VU044256.D
Acq: 30 Jun 2021 09:50

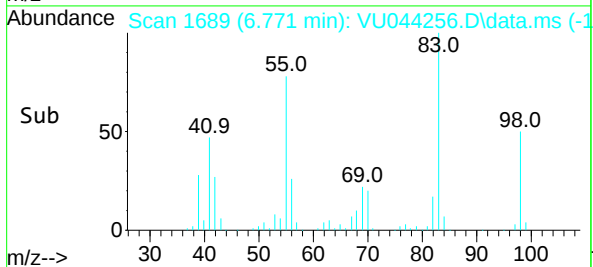
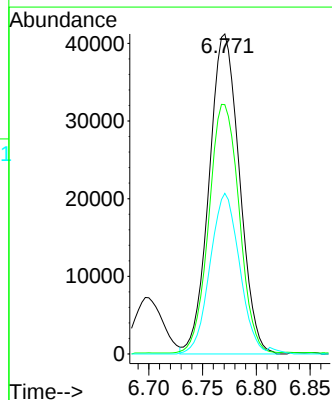
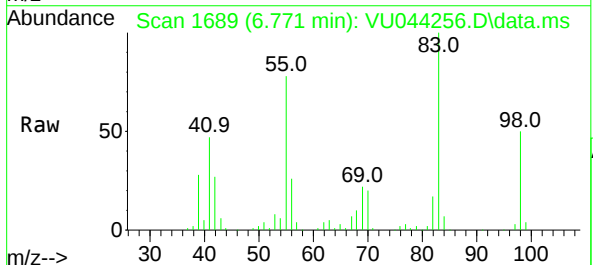
Instrument :
MSVOA_U
ClientSampled :

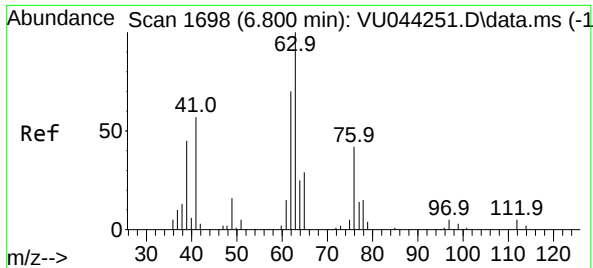
Tgt Ion: 95 Resp: 53109
Ion Ratio Lower Upper
95 100
97 64.5 44.3 82.3
132 98.0 64.3 119.5
130 102.1 66.4 123.2



#35
Methylcyclohexane
Concen: 4.659 ug/L
RT: 6.771 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VU044256.D
Acq: 30 Jun 2021 09:50

Tgt Ion: 83 Resp: 80911
Ion Ratio Lower Upper
83 100
55 77.7 63.4 95.0
98 48.7 39.4 59.0



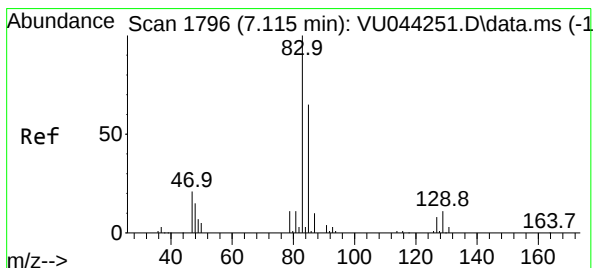
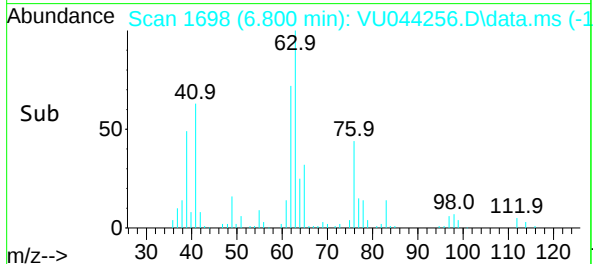
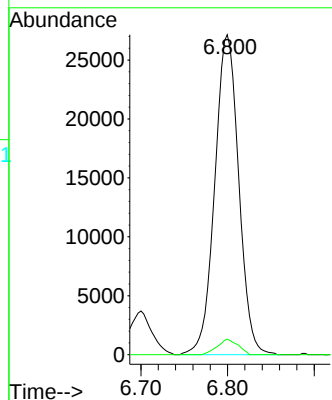
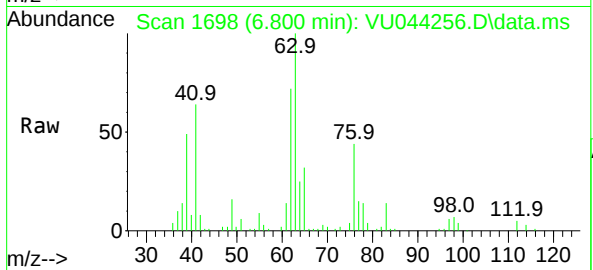


#37

1,2-Dichloropropane
Concen: 5.090 ug/L
RT: 6.800 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VU044256.D
Acq: 30 Jun 2021 09:50

Instrument :
MSVOA_U
ClientSampled :

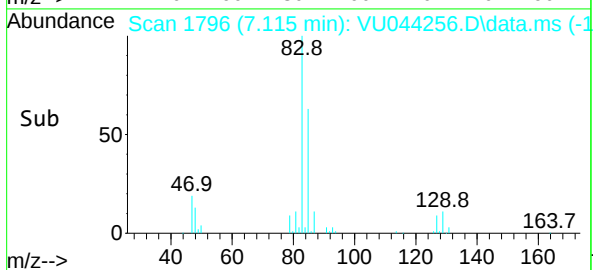
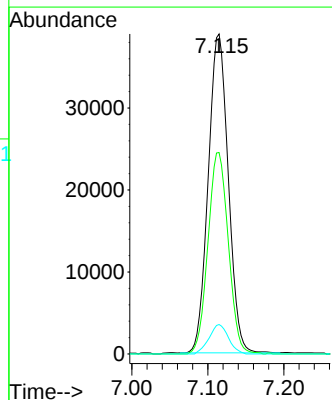
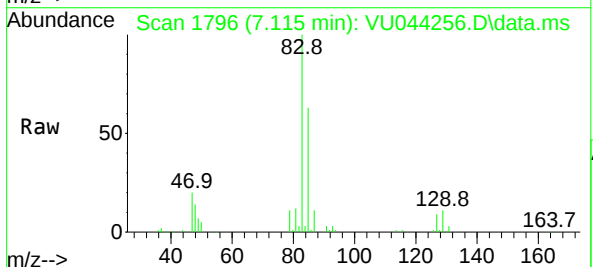
Tgt Ion: 63 Resp: 52213
Ion Ratio Lower Upper
63 100
112 4.2 3.5 5.3

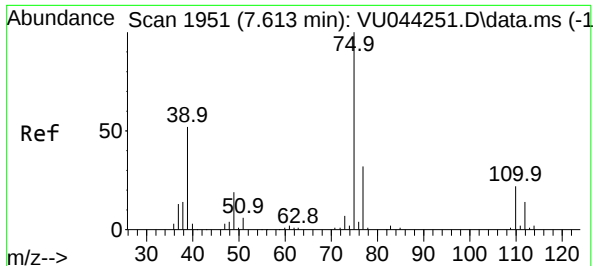


#38

Bromodichloromethane
Concen: 4.946 ug/L
RT: 7.115 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VU044256.D
Acq: 30 Jun 2021 09:50

Tgt Ion: 83 Resp: 71327
Ion Ratio Lower Upper
83 100
85 63.0 45.2 84.0
127 9.2 6.7 10.1

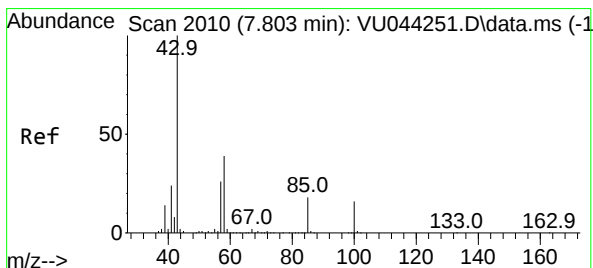
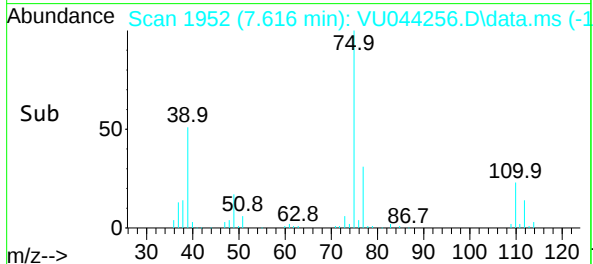
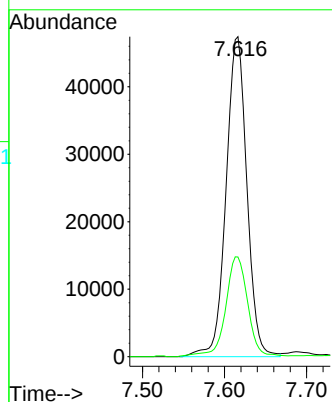
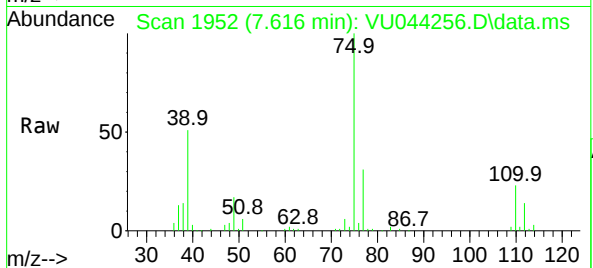




#39
 cis-1,3-Dichloropropene
 Concen: 4.970 ug/L
 RT: 7.616 min Scan# 1952
 Delta R.T. 0.003 min
 Lab File: VU044256.D
 Acq: 30 Jun 2021 09:50

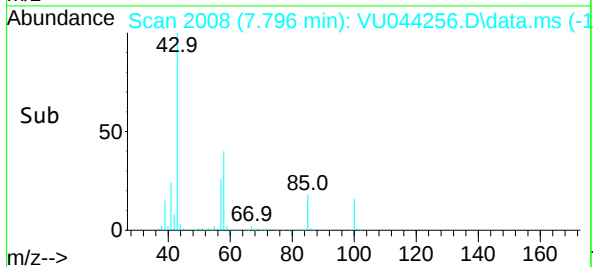
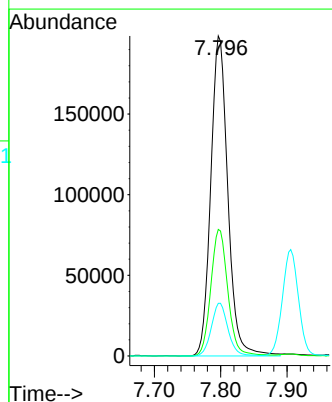
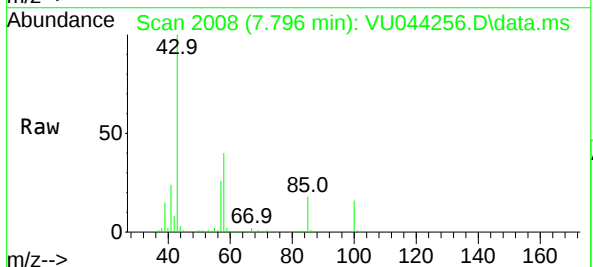
Instrument :
 MSVOA_U
 ClientSampled :

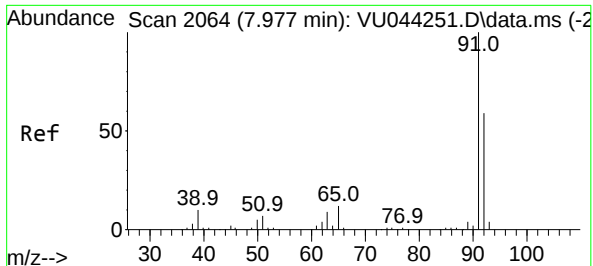
Tgt Ion: 75 Resp: 83713
 Ion Ratio Lower Upper
 75 100
 77 31.1 22.5 41.7



#40
 4-Methyl-2-pentanone
 Concen: 43.051 ug/L
 RT: 7.796 min Scan# 2008
 Delta R.T. -0.007 min
 Lab File: VU044256.D
 Acq: 30 Jun 2021 09:50

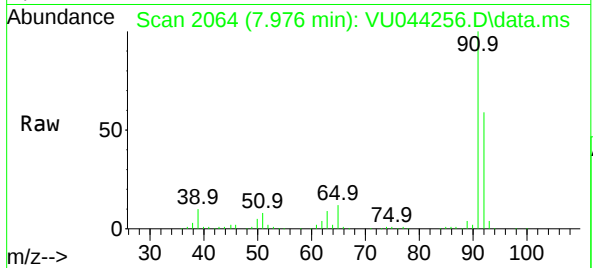
Tgt Ion: 43 Resp: 354873
 Ion Ratio Lower Upper
 43 100
 58 39.5 31.2 46.8
 100 16.1 12.3 18.5



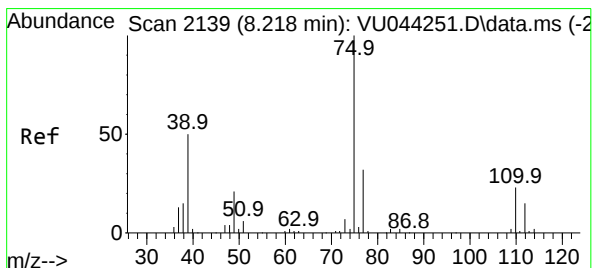
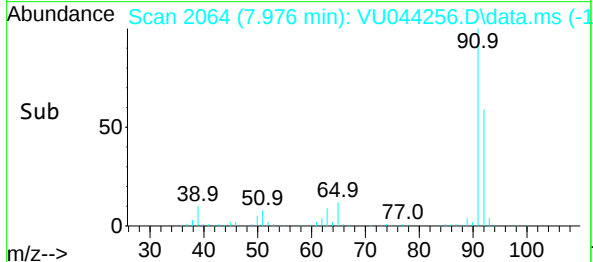
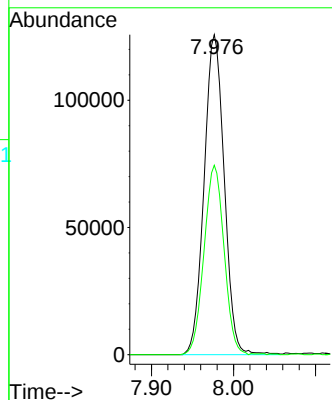


#42
Toluene
Concen: 5.020 ug/L
RT: 7.976 min Scan# 2064
Delta R.T. -0.000 min
Lab File: VU044256.D
Acq: 30 Jun 2021 09:50

Instrument :
MSVOA_U
ClientSampled :

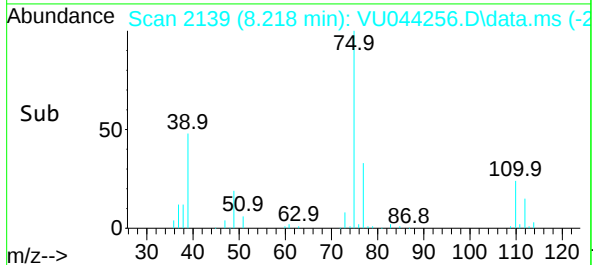
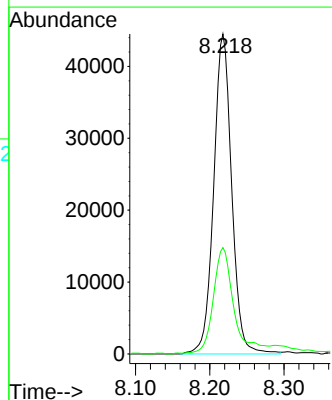
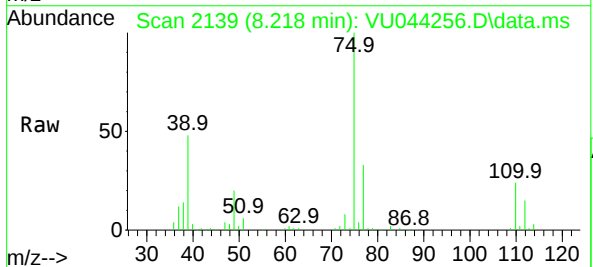


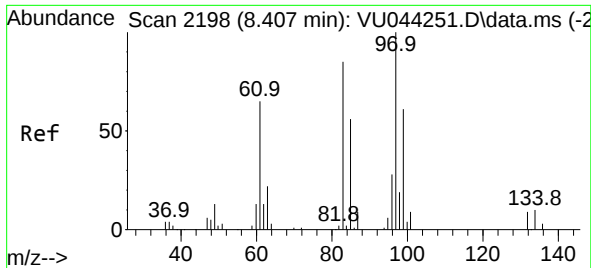
Tgt Ion: 91 Resp: 214704
Ion Ratio Lower Upper
91 100
92 59.2 41.2 76.6



#44
trans-1,3-Dichloropropene
Concen: 4.864 ug/L
RT: 8.218 min Scan# 2139
Delta R.T. -0.000 min
Lab File: VU044256.D
Acq: 30 Jun 2021 09:50

Tgt Ion: 75 Resp: 75130
Ion Ratio Lower Upper
75 100
77 33.3 22.6 42.0

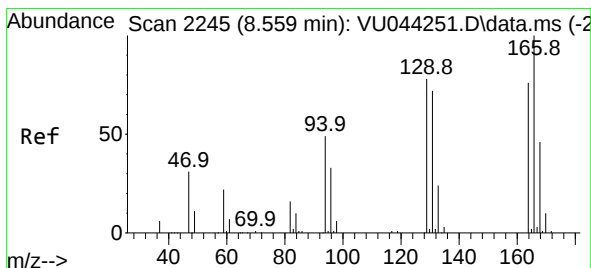
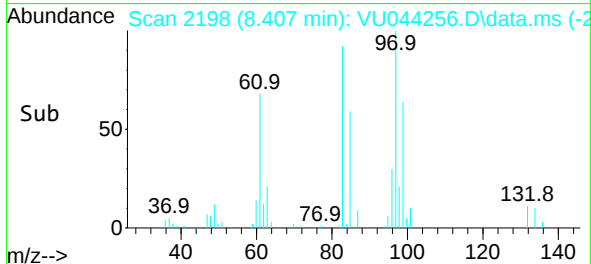
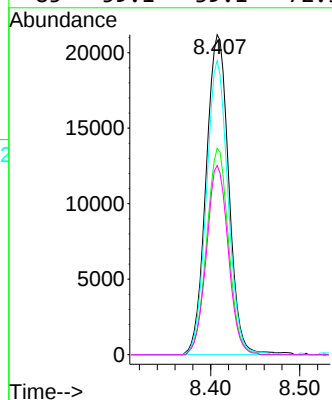
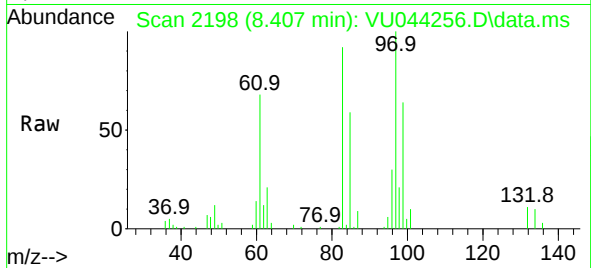




#45
1,1,2-Trichloroethane
Concen: 4.840 ug/L
RT: 8.407 min Scan# 2198
Delta R.T. -0.000 min
Lab File: VU044256.D
Acq: 30 Jun 2021 09:50

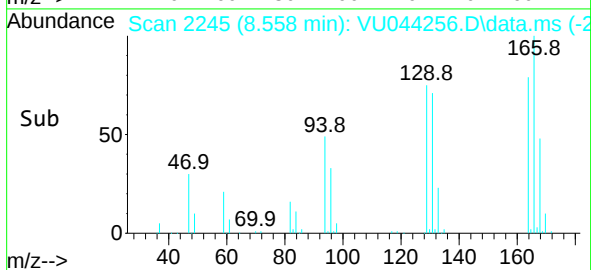
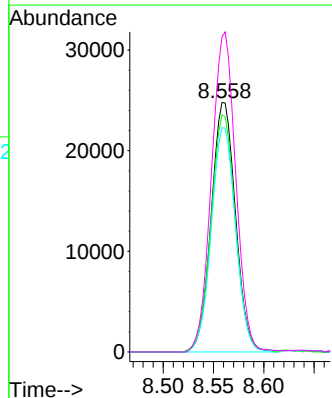
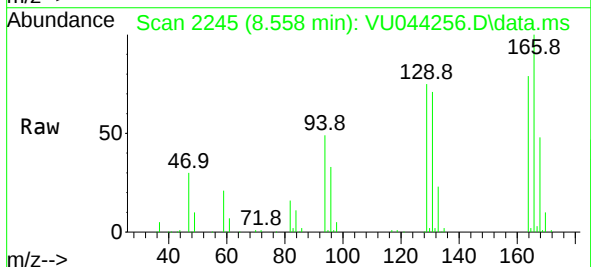
Instrument :
MSVOA_U
ClientSampled :

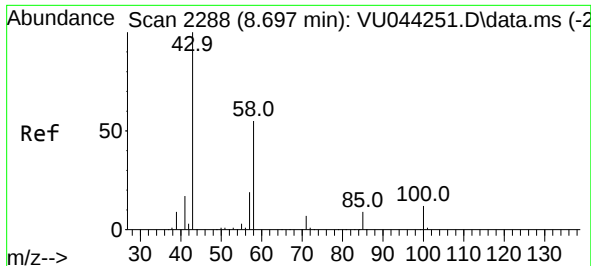
Tgt Ion:	97	Resp:	37366
Ion	Ratio	Lower	Upper
97	100		
99	64.5	42.8	79.4
83	91.8	59.9	111.3
85	59.1	39.1	72.5



#47
Tetrachloroethene
Concen: 5.364 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.000 min
Lab File: VU044256.D
Acq: 30 Jun 2021 09:50

Tgt Ion:	164	Resp:	41716
Ion	Ratio	Lower	Upper
164	100		
129	95.0	71.8	133.4
131	89.9	66.4	123.2
166	126.3	91.6	170.2

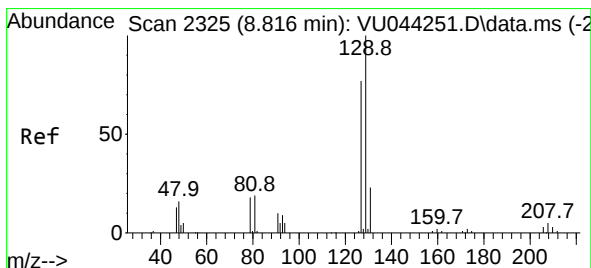
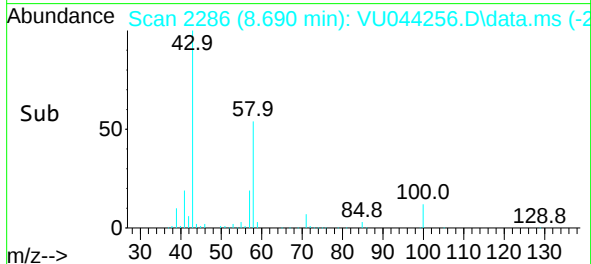
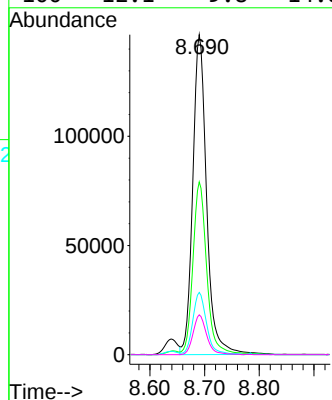
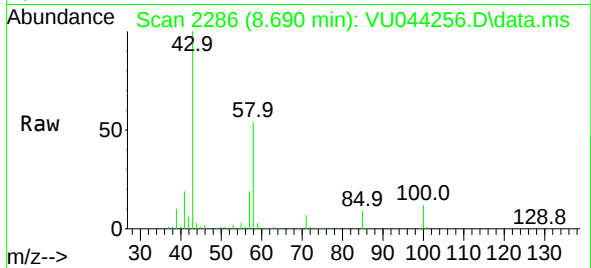




#48
2-Hexanone
Concen: 44.379 ug/L
RT: 8.690 min Scan# 2286
Delta R.T. -0.007 min
Lab File: VU044256.D
Acq: 30 Jun 2021 09:50

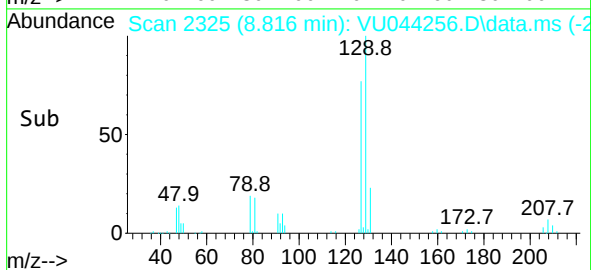
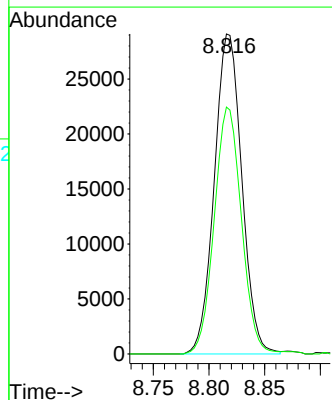
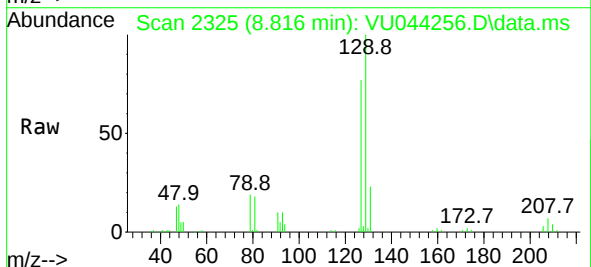
Instrument :
MSVOA_U
ClientSampleId :

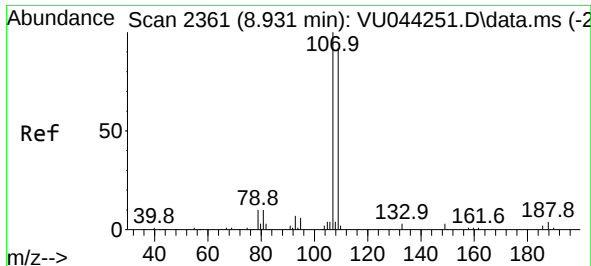
Tgt Ion: 43 Resp: 257791
Ion Ratio Lower Upper
43 100
58 52.6 44.7 67.1
57 19.5 15.7 23.5
100 12.1 9.8 14.8



#49
Dibromochloromethane
Concen: 5.100 ug/L
RT: 8.816 min Scan# 2325
Delta R.T. -0.000 min
Lab File: VU044256.D
Acq: 30 Jun 2021 09:50

Tgt Ion: 129 Resp: 49983
Ion Ratio Lower Upper
129 100
127 77.2 53.6 99.6





#50

1,2-Dibromoethane

Concen: 4.878 ug/L

RT: 8.931 min Scan# 2361

Delta R.T. -0.000 min

Lab File: VU044256.D

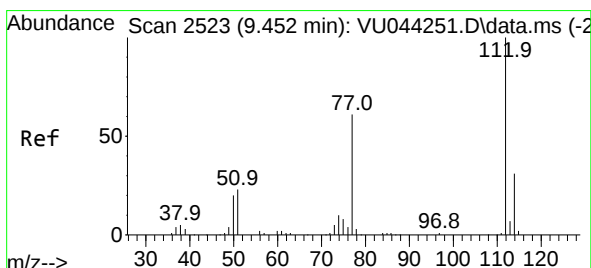
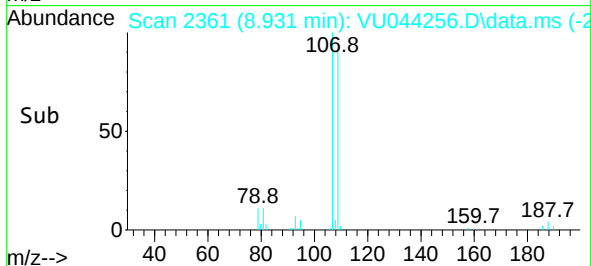
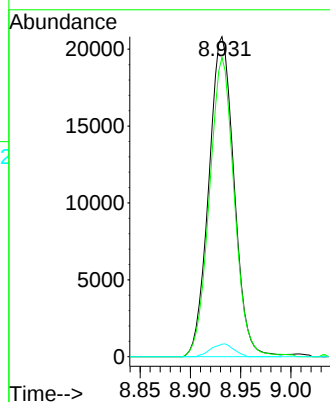
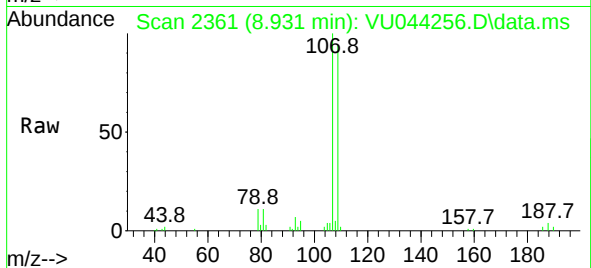
Acq: 30 Jun 2021 09:50

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	107	Resp:	36382
Ion	Ratio	Lower	Upper
107	100		
109	93.5	64.1	119.1
188	3.9	3.0	4.4



#51

Chlorobenzene

Concen: 5.243 ug/L

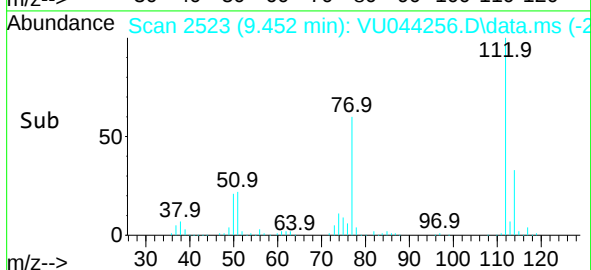
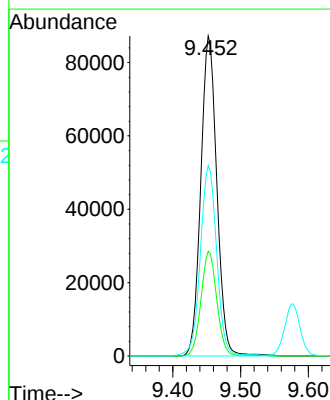
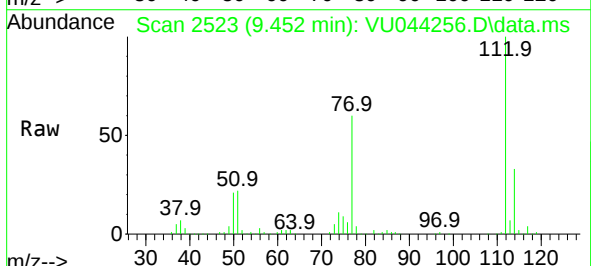
RT: 9.452 min Scan# 2523

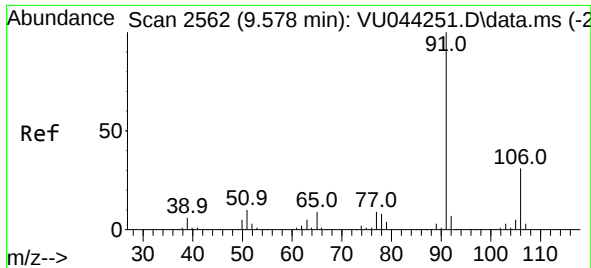
Delta R.T. -0.000 min

Lab File: VU044256.D

Acq: 30 Jun 2021 09:50

Tgt Ion:	112	Resp:	143626
Ion	Ratio	Lower	Upper
112	100		
114	32.7	22.0	41.0
77	59.5	48.9	73.3

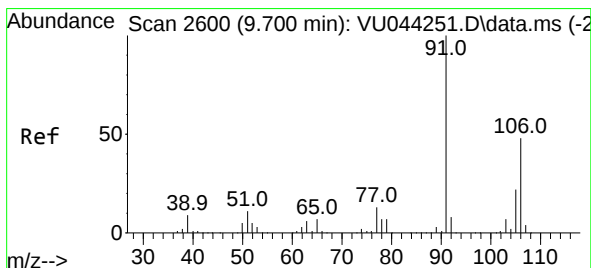
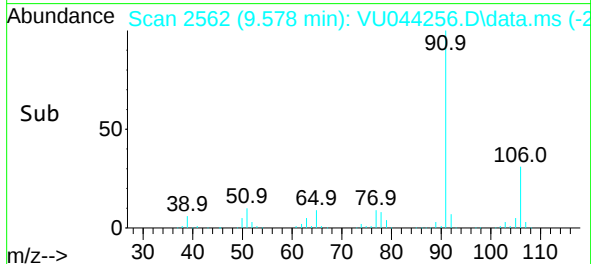
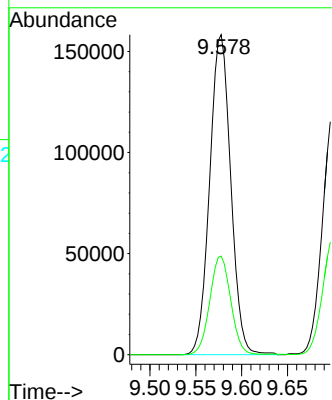
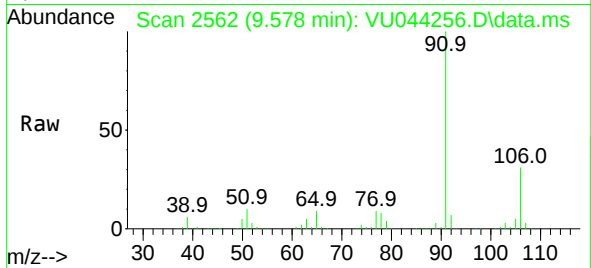




#52
Ethylbenzene
Concen: 5.121 ug/L
RT: 9.578 min Scan# 2562
Delta R.T. -0.000 min
Lab File: VU044256.D
Acq: 30 Jun 2021 09:50

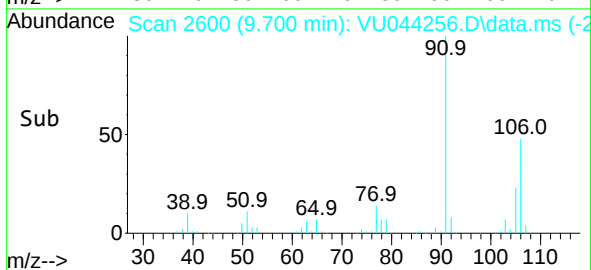
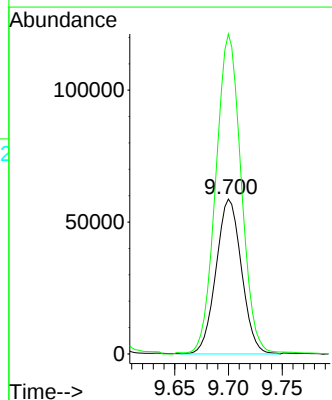
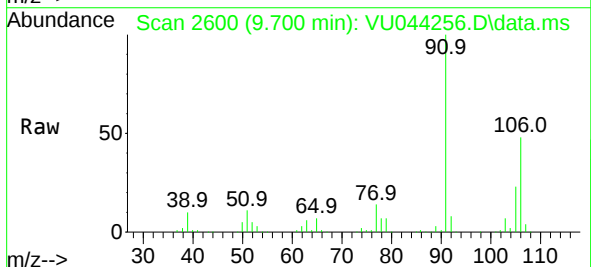
Instrument :
MSVOA_U
ClientSampled :

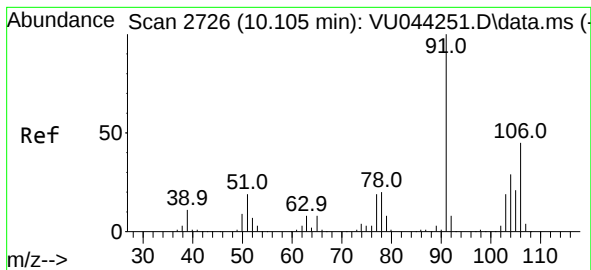
Tgt Ion: 91 Resp: 252868
Ion Ratio Lower Upper
91 100
106 30.8 21.6 40.2



#53
m,p-Xylene
Concen: 5.181 ug/L
RT: 9.700 min Scan# 2600
Delta R.T. -0.000 min
Lab File: VU044256.D
Acq: 30 Jun 2021 09:50

Tgt Ion: 106 Resp: 96861
Ion Ratio Lower Upper
106 100
91 206.7 144.8 269.0

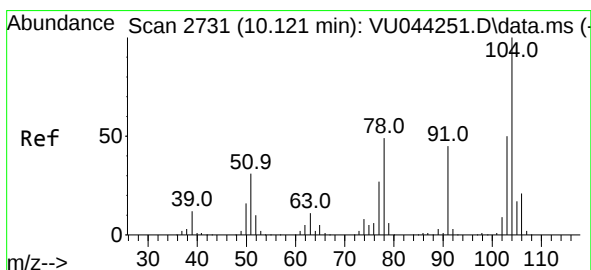
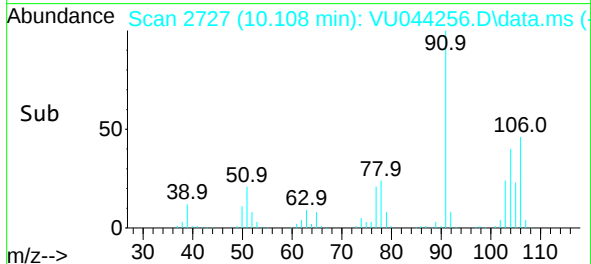
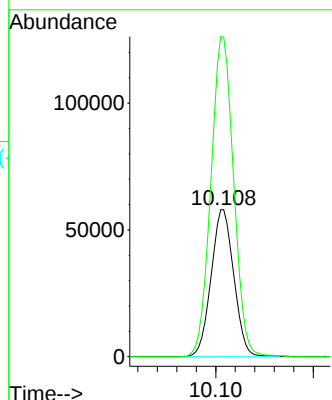
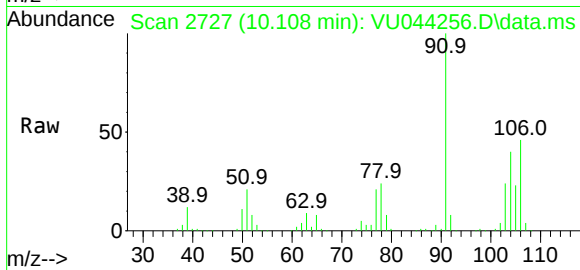




#54
o-Xylene
Concen: 5.160 ug/L
RT: 10.108 min Scan# 2727
Delta R.T. 0.003 min
Lab File: VU044256.D
Acq: 30 Jun 2021 09:50

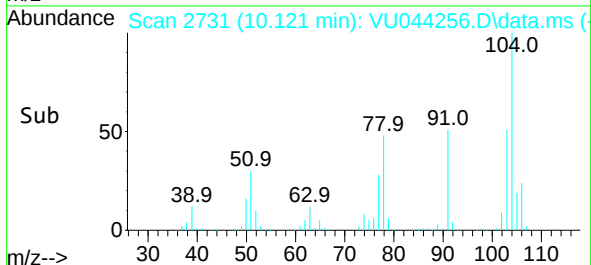
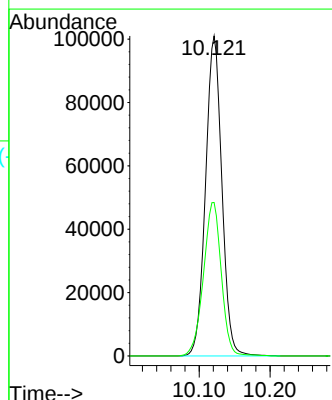
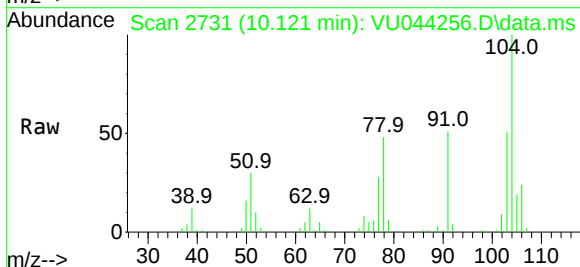
Instrument :
MSVOA_U
ClientSampled :

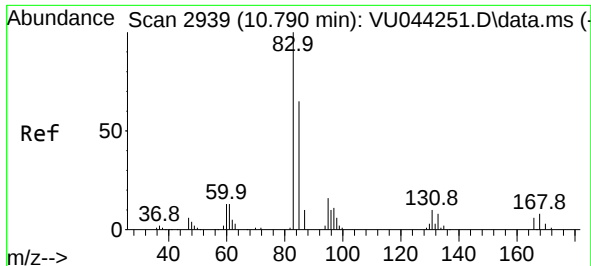
Tgt Ion:106 Resp: 93771
Ion Ratio Lower Upper
106 100
91 217.2 154.8 287.4



#55
Styrene
Concen: 5.066 ug/L
RT: 10.121 min Scan# 2731
Delta R.T. -0.000 min
Lab File: VU044256.D
Acq: 30 Jun 2021 09:50

Tgt Ion:104 Resp: 161462
Ion Ratio Lower Upper
104 100
78 48.0 34.1 63.3

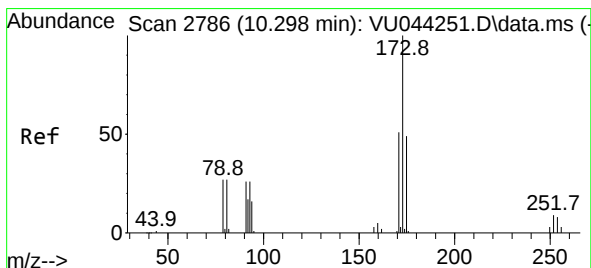
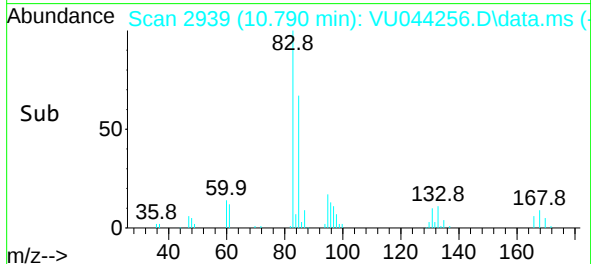
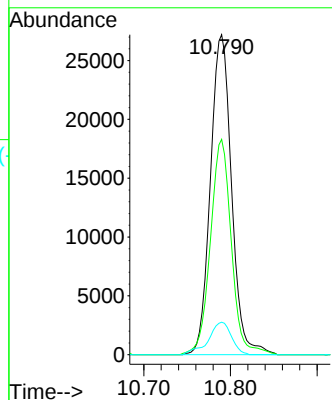
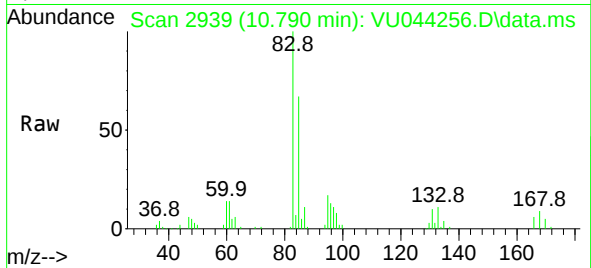




#57
1,1,2,2-Tetrachloroethane
Concen: 4.506 ug/L
RT: 10.790 min Scan# 2939
Delta R.T. -0.000 min
Lab File: VU044256.D
Acq: 30 Jun 2021 09:50

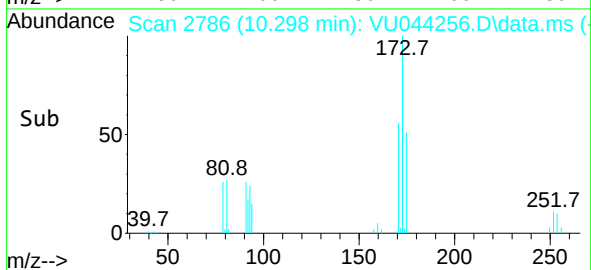
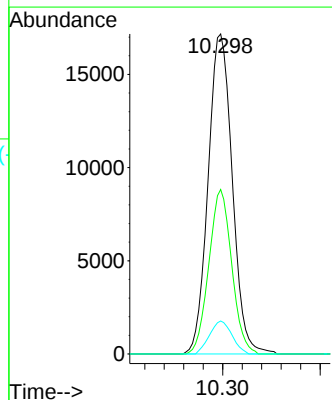
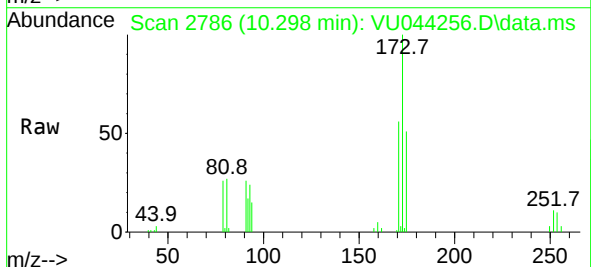
Instrument :
MSVOA_U
ClientSampleId :

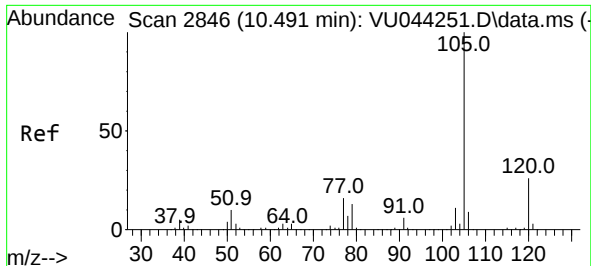
Tgt Ion: 83 Resp: 46153
Ion Ratio Lower Upper
83 100
85 67.3 45.5 84.5
131 10.2 7.9 11.9



#59
Bromoform
Concen: 5.035 ug/L
RT: 10.298 min Scan# 2786
Delta R.T. -0.000 min
Lab File: VU044256.D
Acq: 30 Jun 2021 09:50

Tgt Ion:173 Resp: 29545
Ion Ratio Lower Upper
173 100
175 48.6 38.0 57.0
254 9.6 6.2 9.4#

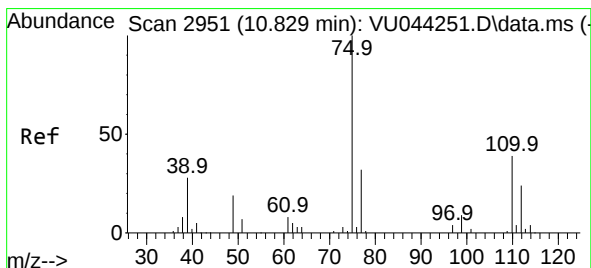
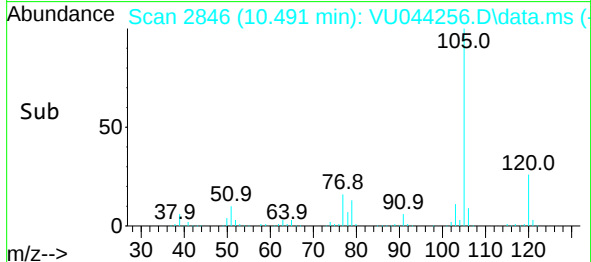
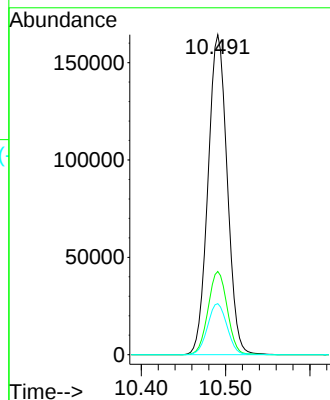
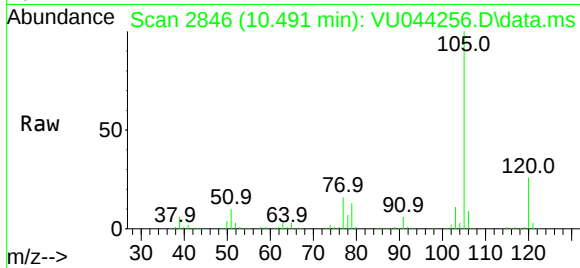




#60
Isopropylbenzene
Concen: 5.167 ug/L
RT: 10.491 min Scan# 2846
Delta R.T. -0.000 min
Lab File: VU044256.D
Acq: 30 Jun 2021 09:50

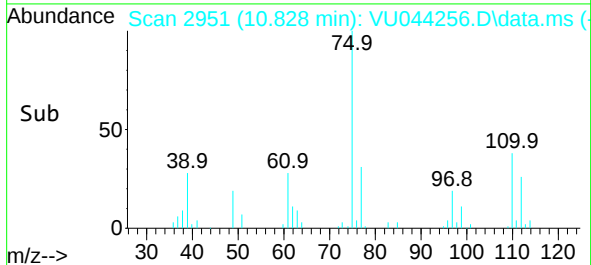
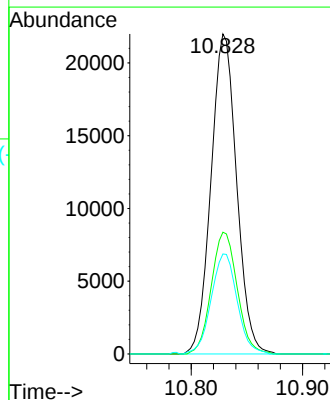
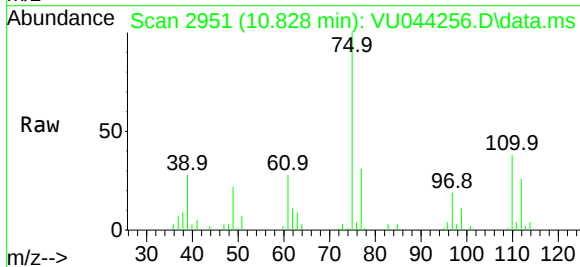
Instrument :
MSVOA_U
ClientSampled :

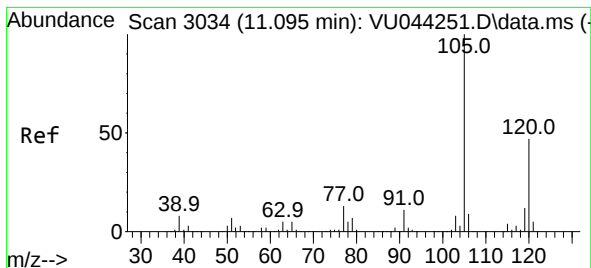
Tgt Ion:105 Resp: 260465
Ion Ratio Lower Upper
105 100
120 26.0 20.7 31.1
77 16.3 12.9 19.3



#61
1,2,3-Trichloropropane
Concen: 4.690 ug/L
RT: 10.828 min Scan# 2951
Delta R.T. -0.000 min
Lab File: VU044256.D
Acq: 30 Jun 2021 09:50

Tgt Ion: 75 Resp: 35103
Ion Ratio Lower Upper
75 100
110 38.5 30.5 45.7
77 31.7 26.1 39.1

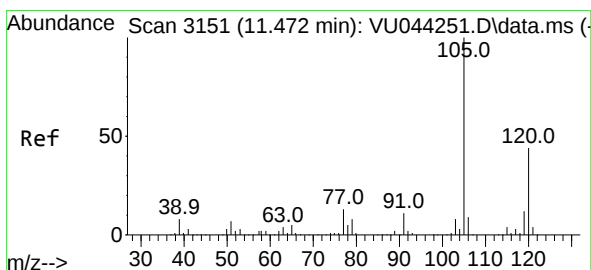
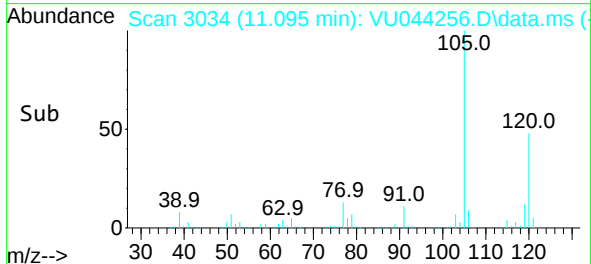
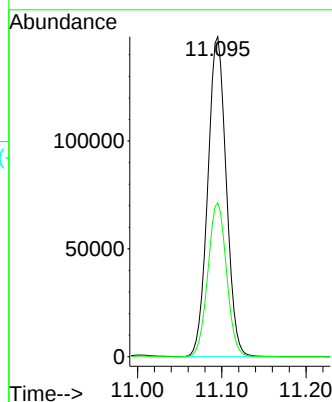
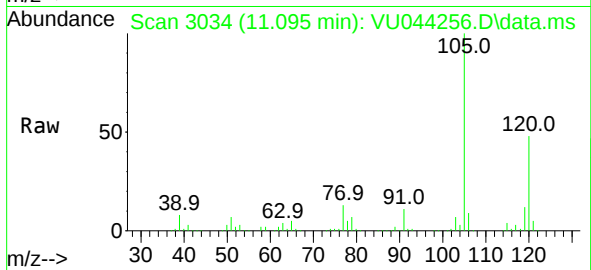




#62
1,3,5-Trimethylbenzene
Concen: 5.155 ug/L
RT: 11.095 min Scan# 3034
Delta R.T. -0.000 min
Lab File: VU044256.D
Acq: 30 Jun 2021 09:50

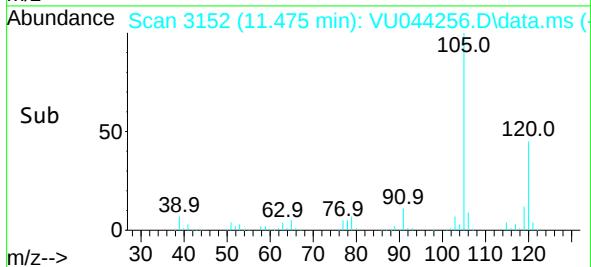
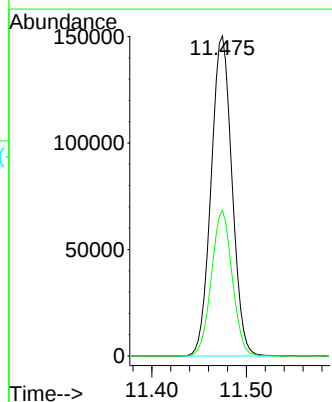
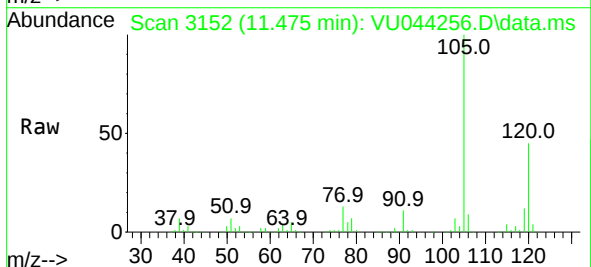
Instrument :
MSVOA_U
ClientSampleId :

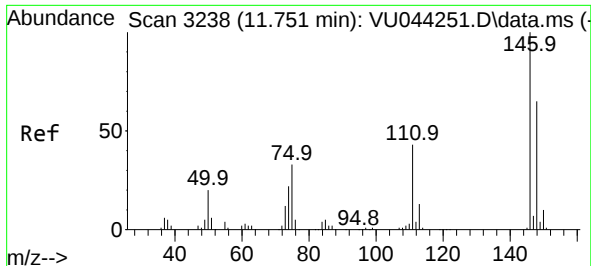
Tgt Ion:105 Resp: 226456
Ion Ratio Lower Upper
105 100
120 48.6 38.0 57.0



#63
1,2,4-Trimethylbenzene
Concen: 5.136 ug/L
RT: 11.475 min Scan# 3152
Delta R.T. 0.003 min
Lab File: VU044256.D
Acq: 30 Jun 2021 09:50

Tgt Ion:105 Resp: 230738
Ion Ratio Lower Upper
105 100
120 45.2 35.6 53.4

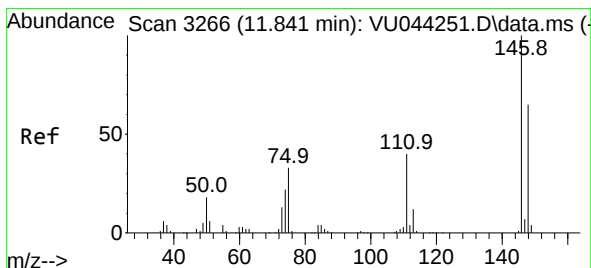
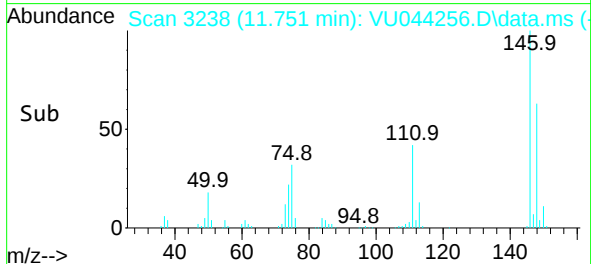
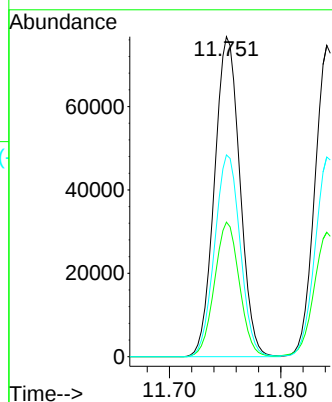
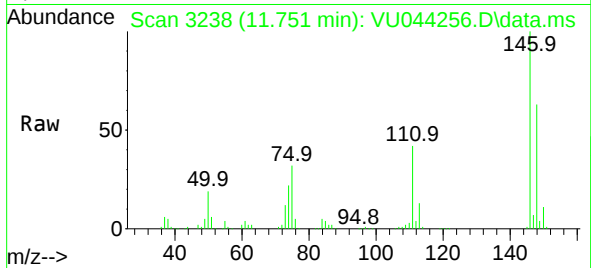




#64
1,3-Dichlorobenzene
Concen: 5.341 ug/L
RT: 11.751 min Scan# 3238
Delta R.T. -0.000 min
Lab File: VU044256.D
Acq: 30 Jun 2021 09:50

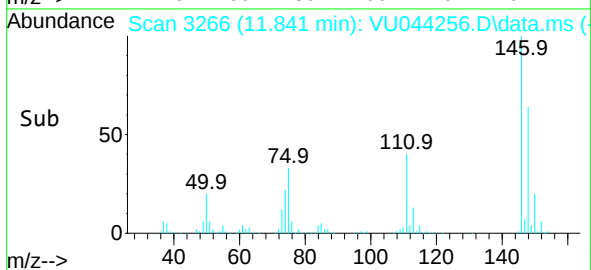
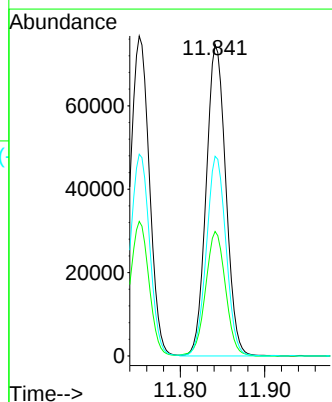
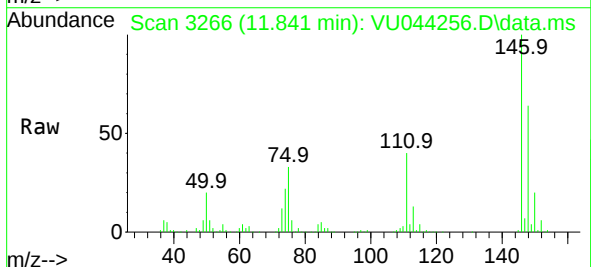
Instrument :
MSVOA_U
ClientSampled :

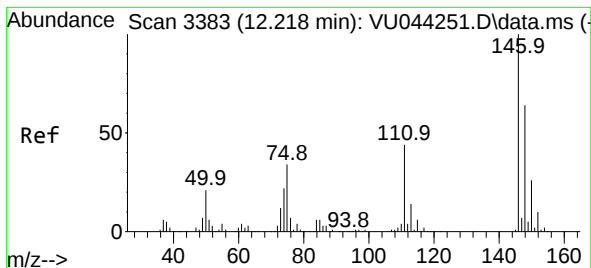
Tgt Ion:146 Resp: 121536
Ion Ratio Lower Upper
146 100
111 42.1 29.8 55.3
148 63.1 45.8 85.2



#65
1,4-Dichlorobenzene
Concen: 5.283 ug/L
RT: 11.841 min Scan# 3266
Delta R.T. -0.000 min
Lab File: VU044256.D
Acq: 30 Jun 2021 09:50

Tgt Ion:146 Resp: 121208
Ion Ratio Lower Upper
146 100
111 40.0 28.2 52.4
148 64.1 45.1 83.9

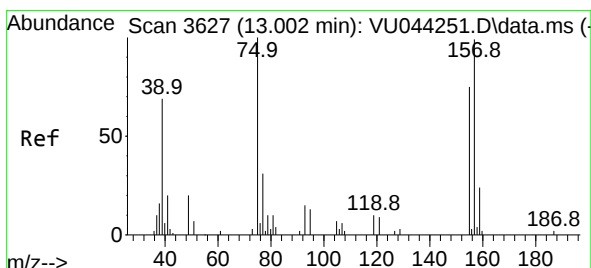
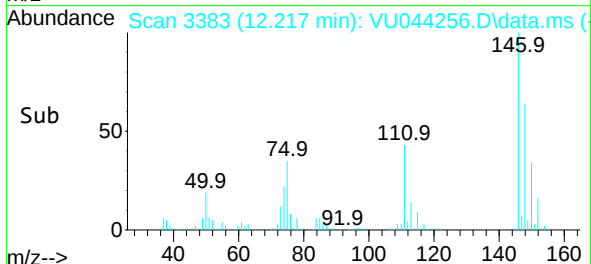
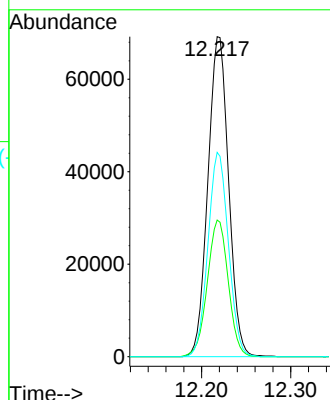
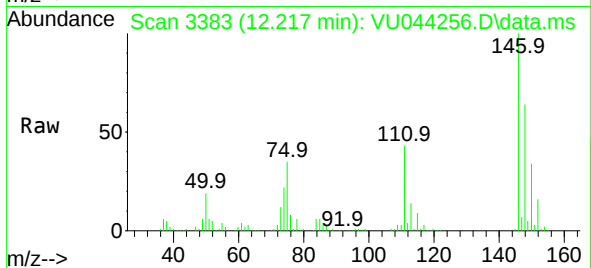




#67
1,2-Dichlorobenzene
Concen: 5.213 ug/L
RT: 12.217 min Scan# 3383
Delta R.T. -0.000 min
Lab File: VU044256.D
Acq: 30 Jun 2021 09:50

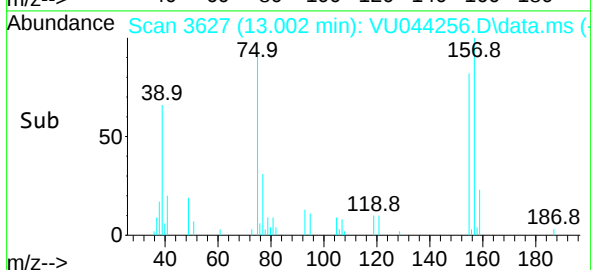
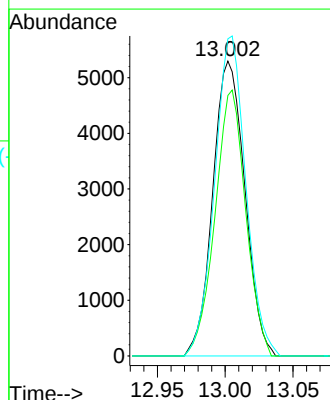
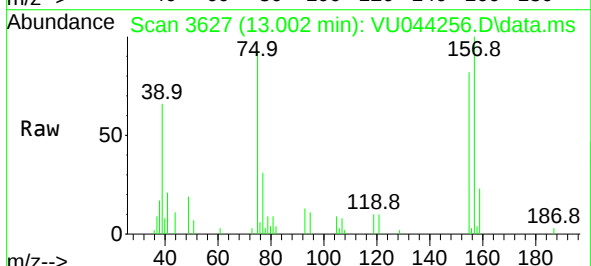
Instrument :
MSVOA_U
ClientSampled :

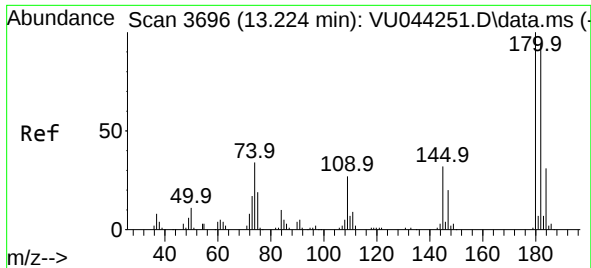
Tgt Ion:146 Resp: 111565
Ion Ratio Lower Upper
146 100
111 42.7 35.0 52.6
148 63.9 51.2 76.8



#68
1,2-Dibromo-3-chloropropane
Concen: 4.462 ug/L
RT: 13.002 min Scan# 3627
Delta R.T. -0.000 min
Lab File: VU044256.D
Acq: 30 Jun 2021 09:50

Tgt Ion: 75 Resp: 8723
Ion Ratio Lower Upper
75 100
155 88.3 59.9 89.9
157 107.6 79.3 118.9

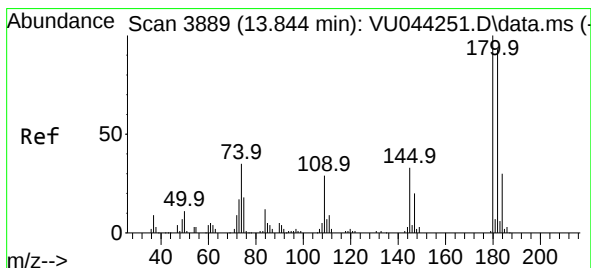
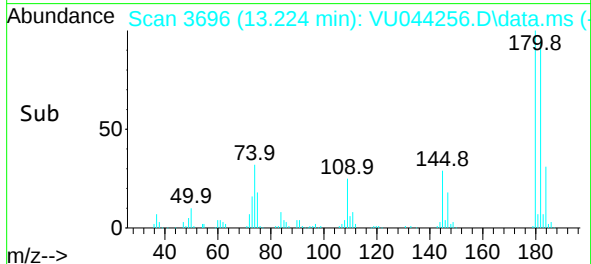
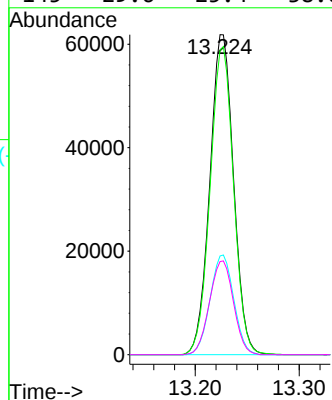
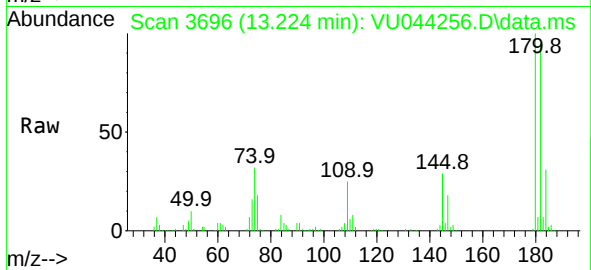




#69
1,3,5-Trichlorobenzene
Concen: 5.650 ug/L
RT: 13.224 min Scan# 3696
Delta R.T. -0.000 min
Lab File: VU044256.D
Acq: 30 Jun 2021 09:50

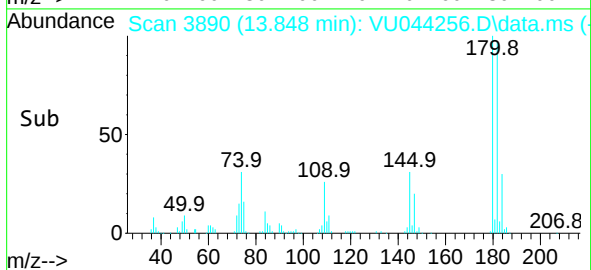
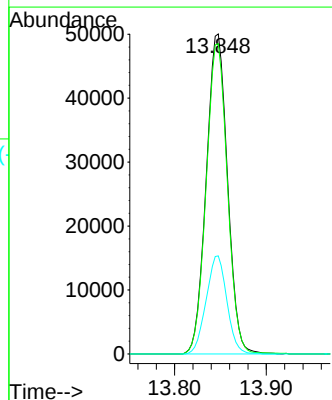
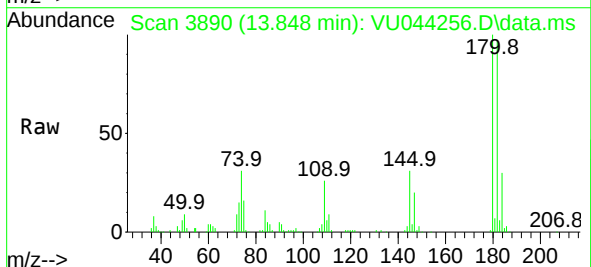
Instrument :
MSVOA_U
ClientSampleId :

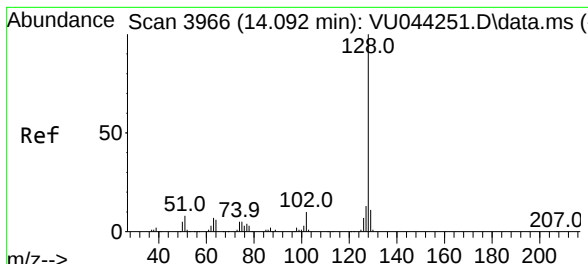
Tgt Ion:180 Resp: 97978
Ion Ratio Lower Upper
180 100
182 95.1 75.8 113.6
184 31.1 23.8 35.8
145 29.6 25.4 38.0



#70
1,2,4-trichlorobenzene
Concen: 5.496 ug/L
RT: 13.848 min Scan# 3890
Delta R.T. 0.003 min
Lab File: VU044256.D
Acq: 30 Jun 2021 09:50

Tgt Ion:180 Resp: 80714
Ion Ratio Lower Upper
180 100
182 96.7 75.7 113.5
145 29.8 25.6 38.4

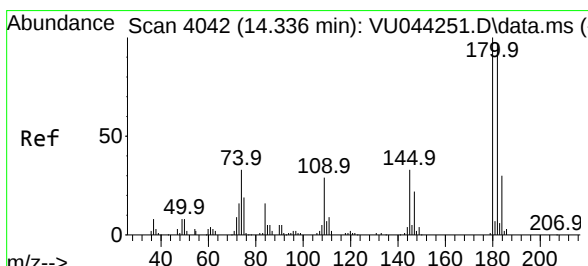
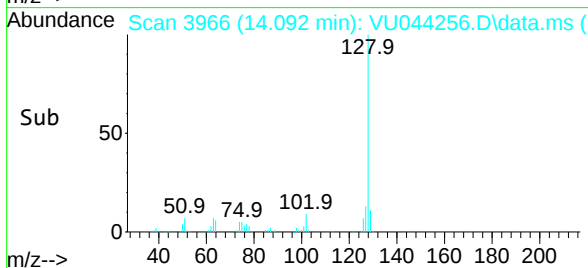
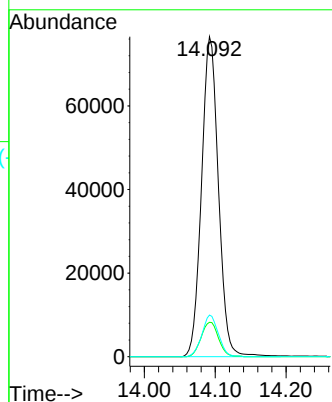
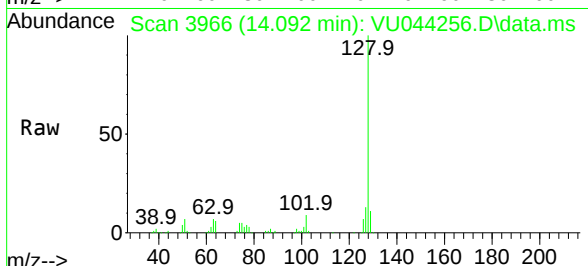




#71
Naphthalene
Concen: 4.776 ug/L
RT: 14.092 min Scan# 3966
Delta R.T. -0.000 min
Lab File: VU044256.D
Acq: 30 Jun 2021 09:50

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion:128	Resp: 127002
Ion Ratio	Lower Upper
128 100	
129 11.0	8.9 13.3
127 12.7	10.3 15.5



#72
1,2,3-Trichlorobenzene
Concen: 5.442 ug/L
RT: 14.336 min Scan# 4042
Delta R.T. -0.000 min
Lab File: VU044256.D
Acq: 30 Jun 2021 09:50

Tgt Ion:180	Resp: 69033
Ion Ratio	Lower Upper
180 100	
182 95.7	76.4 114.6
145 32.7	26.5 39.7

