

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041521\
 Data File : VU043136.D
 Acq On : 15 Apr 2021 21:45
 Operator : SY/MD
 Sample : M2055-02MS
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 16 07:15:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR041521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 16 07:14:05 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	67978	5.00	ug/L	# 0.00
28) Chlorobenzene-d5	9.423	117	66866	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	33430	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	18061	5.23	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.60%
7) Chloroethane-d5	1.919	69	17313	5.32	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.40%
11) 1,1-Dichloroethene-d2	2.571	65	11325	5.66	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	113.20%
20) 2-Butanone-d5	4.645	46	64869	42.79	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.58%
24) Chloroform-d	5.073	84	48562	5.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.60%
26) 1,2-Dichloroethane-d4	5.710	65	32252	5.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.60%
32) Benzene-d6	5.735	84	89165	5.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	114.60%
36) 1,2-Dichloropropane-d6	6.700	67	30330	5.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	117.40%
41) Toluene-d8	7.906	98	84522	5.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.40%
43) trans-1,3-Dichloroprop...	8.185	79	12188	5.35	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	107.00%
46) 2-Hexanone-d5	8.645	63	68382	60.13	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	120.26%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	26636	5.87	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	117.40%
66) 1,2-Dichlorobenzene-d4	12.201	152	32892	5.74	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.80%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.395	85	659	0.15	ug/L	# 83
12) 1,1-Dichloroethene	2.584	96	21235	5.62	ug/L	# 73
13) Acetone	2.665	43	1872	1.68	ug/L	84
17) Methyl tert-butyl Ether	3.375	73	4298	0.35	ug/L	# 86
19) 1,1-Dichloroethane	3.880	63	783	0.09	ug/L	# 87
25) Chloroform	5.102	83	1893	0.20	ug/L	95
27) 1,2-Dichloroethane	5.780	62	1275	0.19	ug/L	# 74
33) Benzene	5.784	78	103837	5.80	ug/L	100
34) Trichloroethene	6.552	95	26450	5.37	ug/L	97
35) Methylcyclohexane	6.700	83	6940	1.02	ug/L	# 21
37) 1,2-Dichloropropane	6.700	63	3772	0.75	ug/L	# 87
39) cis-1,3-Dichloropropene	7.574	75	972	0.13	ug/L	# 62
42) Toluene	7.976	91	112214	5.62	ug/L	97
48) 2-Hexanone	8.645	43	10465	3.16	ug/L	# 67
51) Chlorobenzene	9.455	112	74606	5.86	ug/L	96
61) 1,2,3-Trichloropropane	11.815	75	3961	1.15	ug/L	# 58

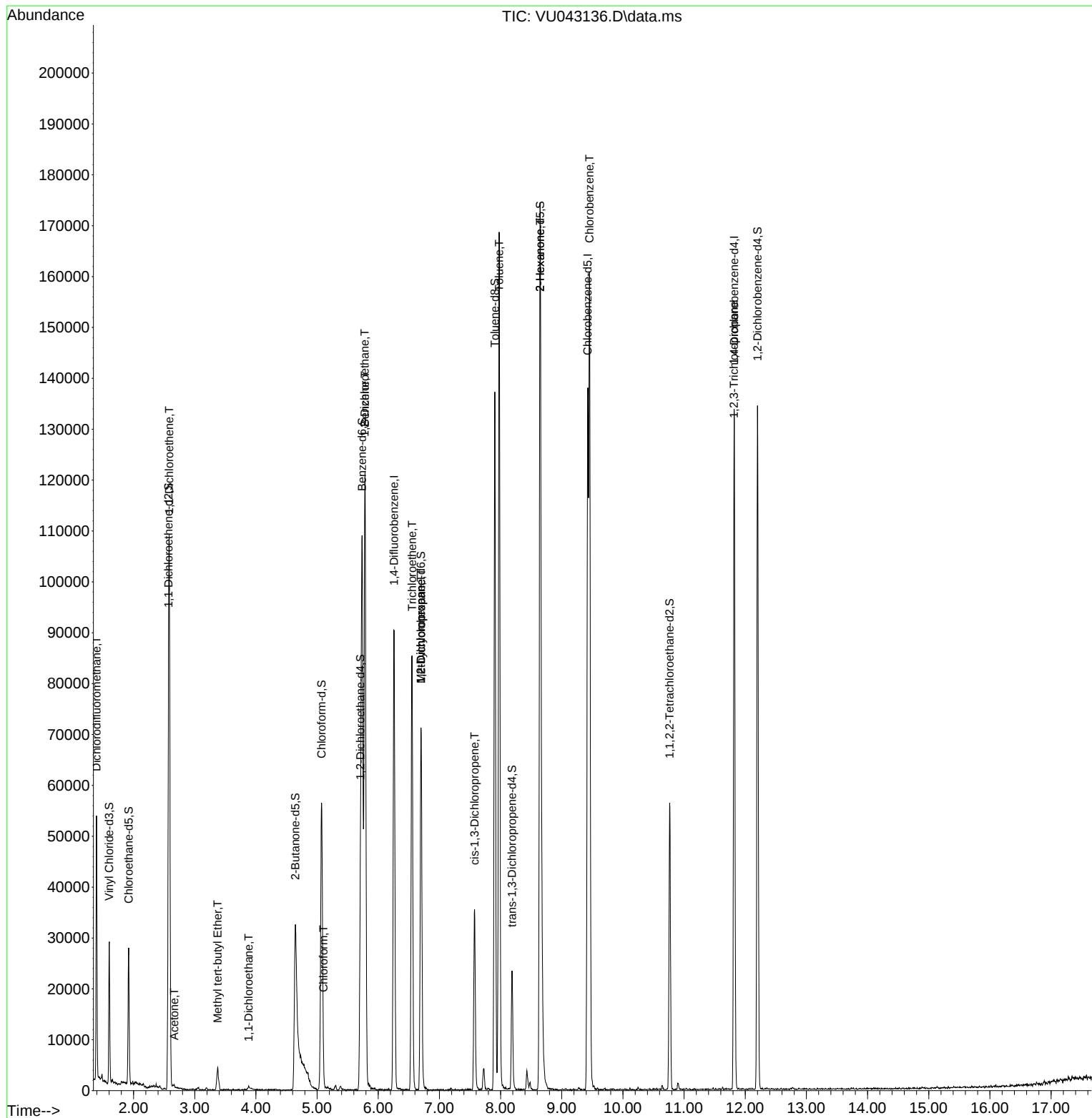
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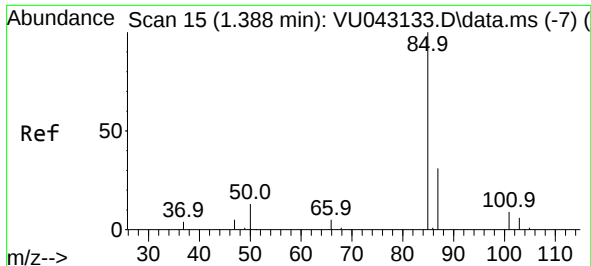
Instrument :
MSVOA_U
ClientSampleId :

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041521\
Data File : VU043136.D
Acq On : 15 Apr 2021 21:45
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Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Apr 16 07:15:13 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR041521WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Apr 16 07:14:05 2021
Response via : Initial Calibration

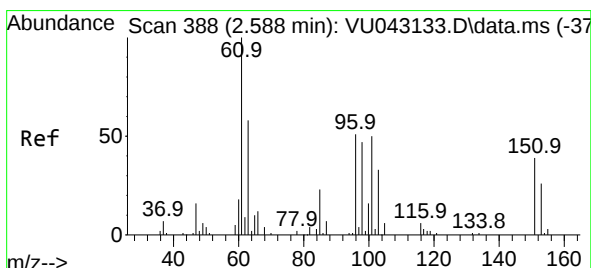
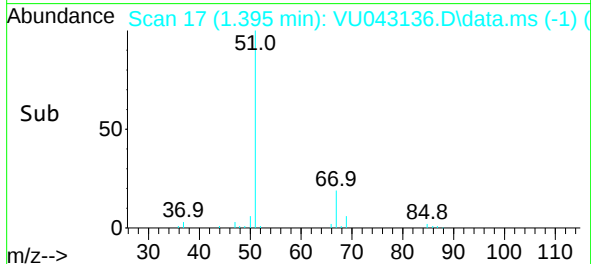
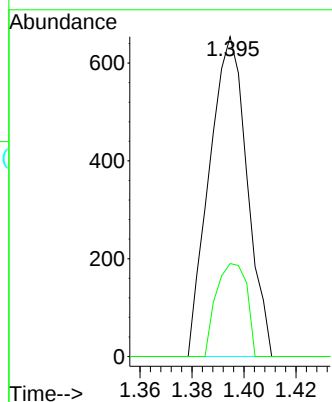
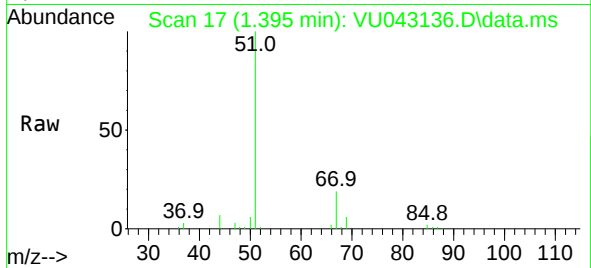




#2
Dichlorodifluoromethane
Concen: 0.15 ug/L
RT: 1.395 min Scan# 17
Delta R.T. 0.006 min
Lab File: VU043136.D
Acq: 15 Apr 2021 21:45

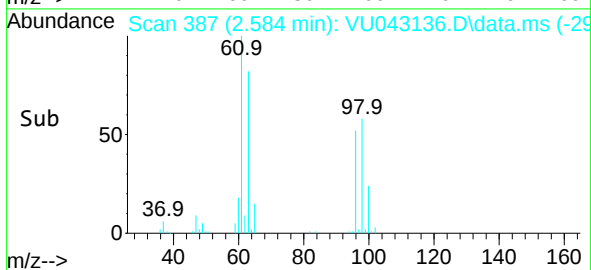
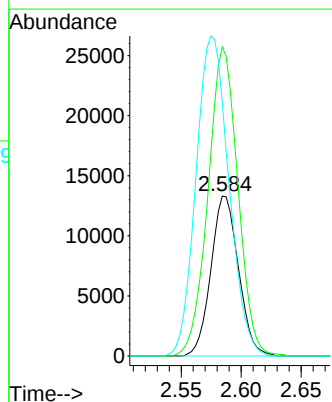
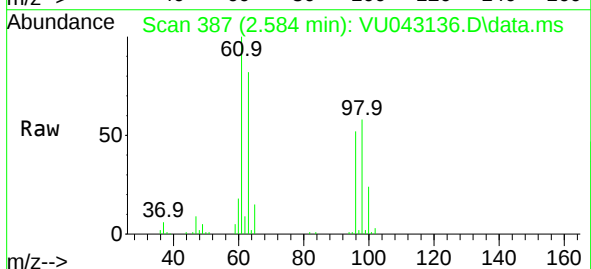
Instrument :
MSVOA_U
ClientSampled :

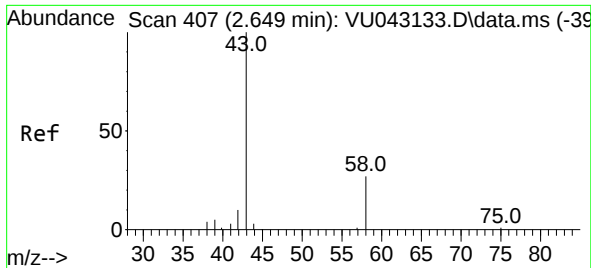
Tgt Ion: 85 Resp: 659
Ion Ratio Lower Upper
85 100
87 23.5 26.3 39.5#



#12
1,1-Dichloroethene
Concen: 5.62 ug/L
RT: 2.584 min Scan# 387
Delta R.T. -0.003 min
Lab File: VU043136.D
Acq: 15 Apr 2021 21:45

Tgt Ion: 96 Resp: 21235
Ion Ratio Lower Upper
96 100
61 193.3 115.1 213.7
63 158.8 84.1 156.1#

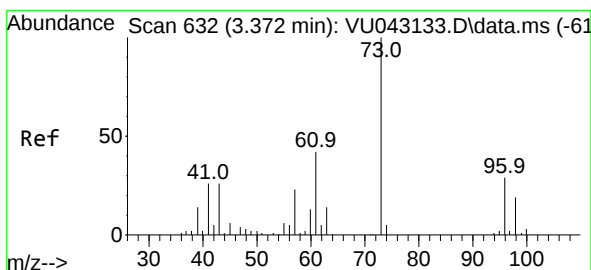
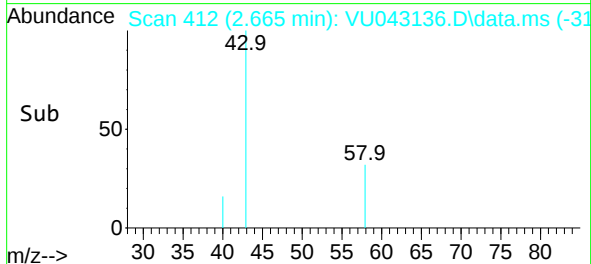
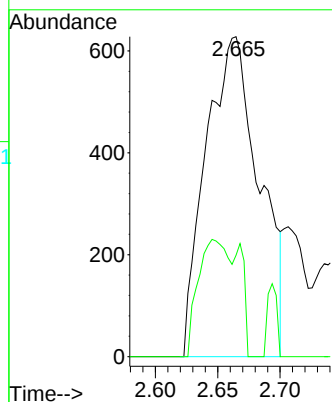
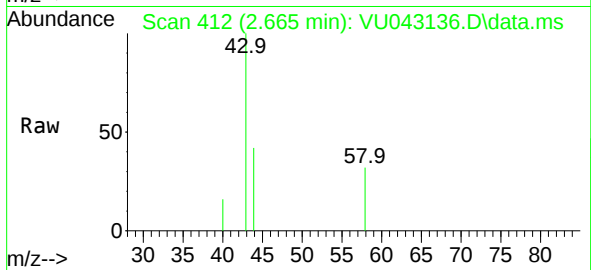




#13
Acetone
Concen: 1.68 ug/L
RT: 2.665 min Scan# 412
Delta R.T. 0.016 min
Lab File: VU043136.D
Acq: 15 Apr 2021 21:45

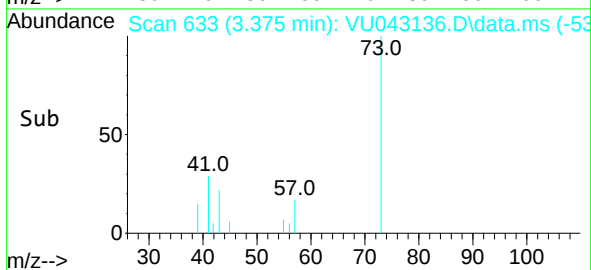
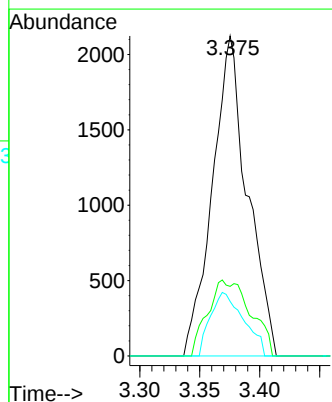
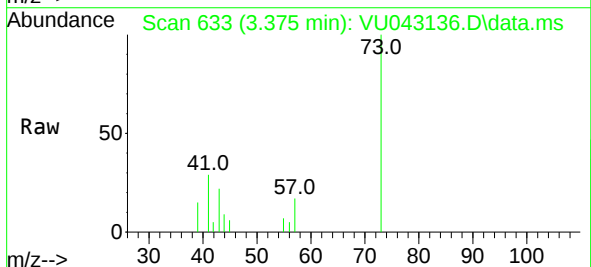
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MSVOA_U
ClientSampled :

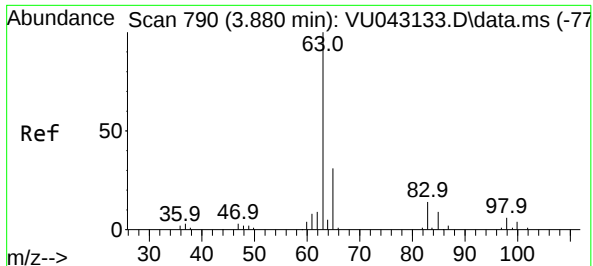
Tgt Ion: 43 Resp: 1872
Ion Ratio Lower Upper
43 100
58 6.3 0.0 25.0



#17
Methyl tert-butyl Ether
Concen: 0.35 ug/L
RT: 3.375 min Scan# 633
Delta R.T. 0.003 min
Lab File: VU043136.D
Acq: 15 Apr 2021 21:45

Tgt Ion: 73 Resp: 4298
Ion Ratio Lower Upper
73 100
43 29.2 15.0 22.4#
57 19.0 17.3 25.9



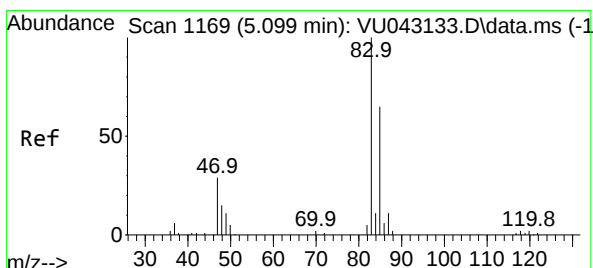
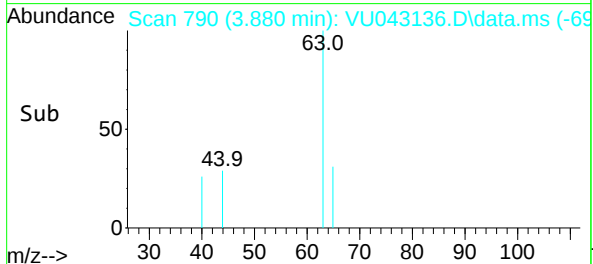
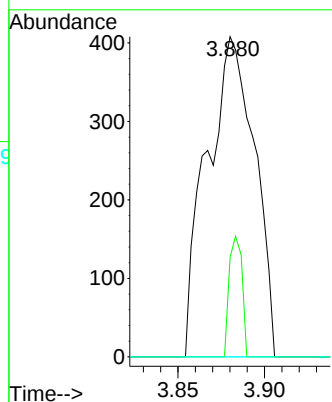
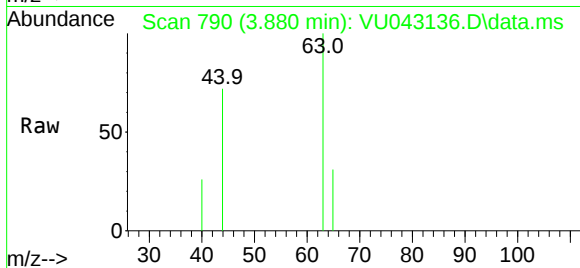


#19

1,1-Dichloroethane
Concen: 0.09 ug/L
RT: 3.880 min Scan# 790
Delta R.T. -0.000 min
Lab File: VU043136.D
Acq: 15 Apr 2021 21:45

Instrument :
MSVOA_U
ClientSampled :

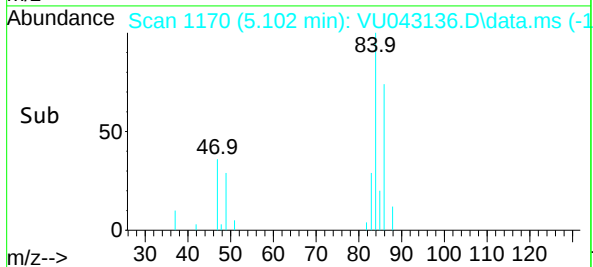
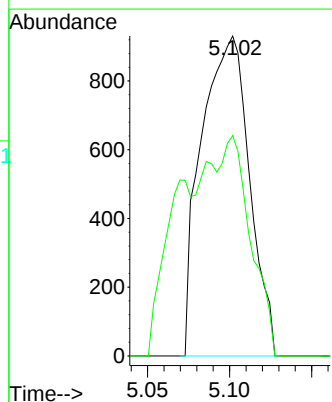
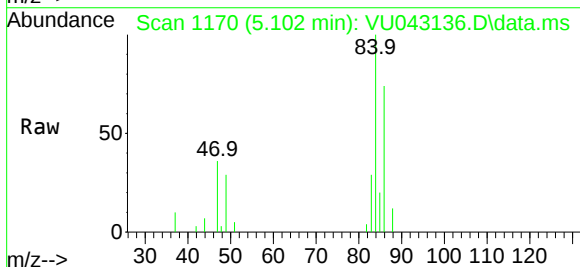
Tgt Ion: 63	Resp: 783		
Ion Ratio	Lower	Upper	
63 100			
65 31.1	23.2	43.0	
83 0.0	9.9	18.3#	

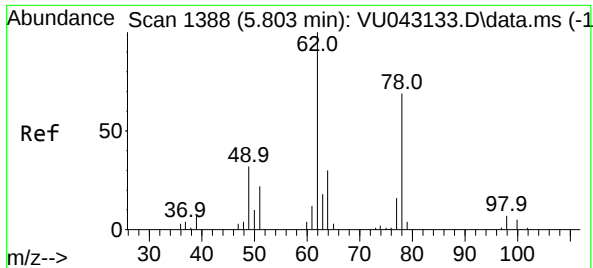


#25

Chloroform
Concen: 0.20 ug/L
RT: 5.102 min Scan# 1170
Delta R.T. 0.003 min
Lab File: VU043136.D
Acq: 15 Apr 2021 21:45

Tgt Ion: 83	Resp: 1893
Ion Ratio	Lower Upper
83 100	
85 68.9	45.6 84.8





#27

1,2-Dichloroethane

Concen: 0.19 ug/L

RT: 5.780 min Scan# 1381

Delta R.T. -0.023 min

Lab File: VU043136.D

Acq: 15 Apr 2021 21:45

Tgt Ion: 62 Resp: 1275

Ion Ratio Lower Upper

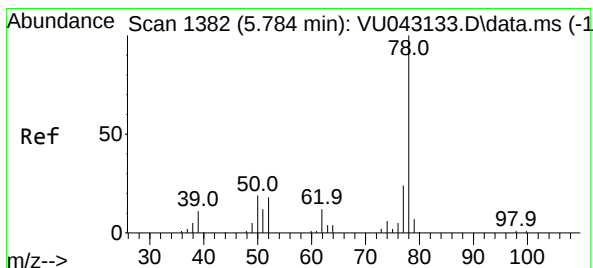
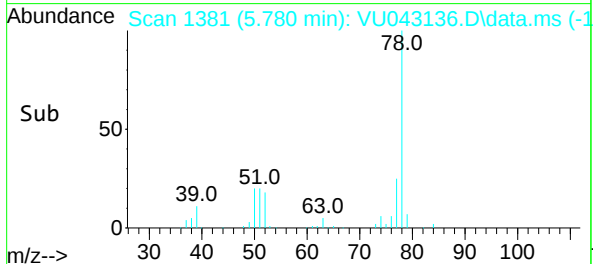
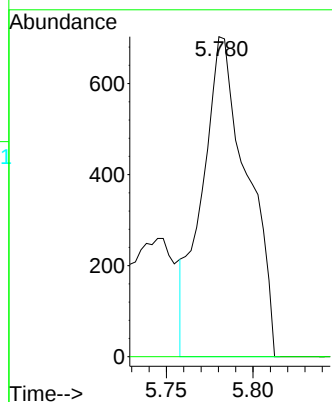
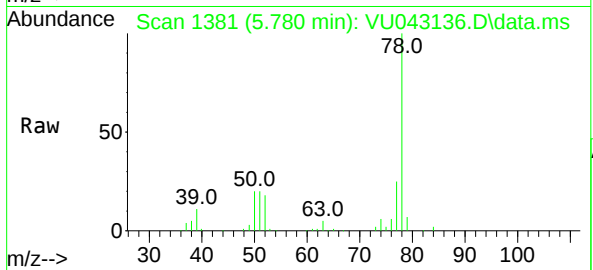
62 100

98 0.0 7.5 11.3#

Instrument :

MSVOA_U

ClientSampled :



#33

Benzene

Concen: 5.80 ug/L

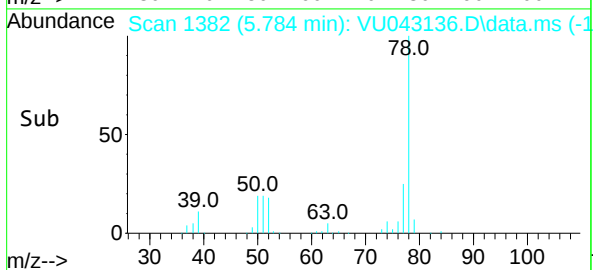
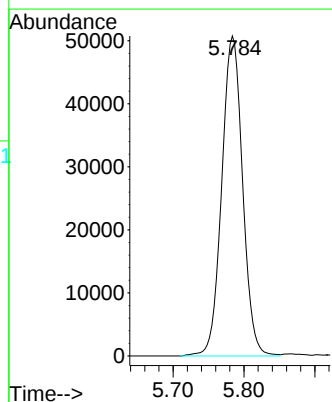
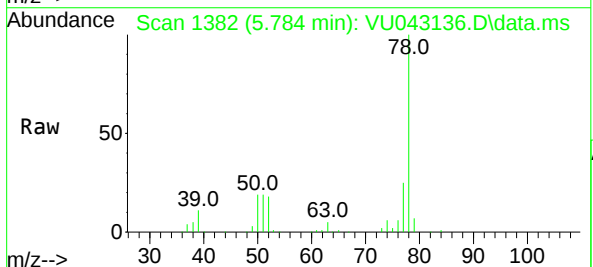
RT: 5.784 min Scan# 1382

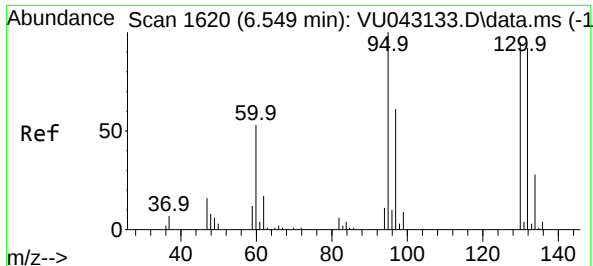
Delta R.T. -0.000 min

Lab File: VU043136.D

Acq: 15 Apr 2021 21:45

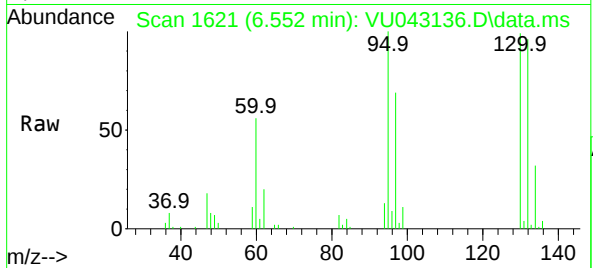
Tgt Ion: 78 Resp: 103837



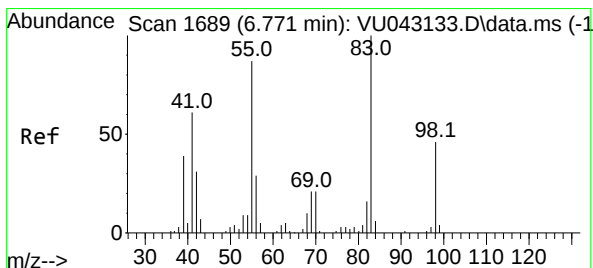
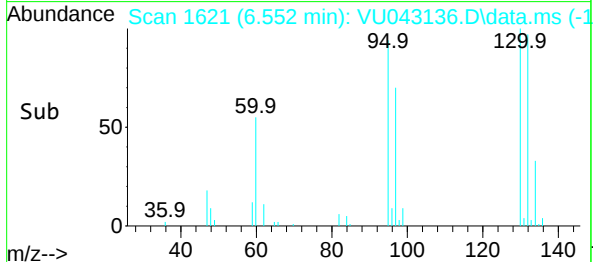
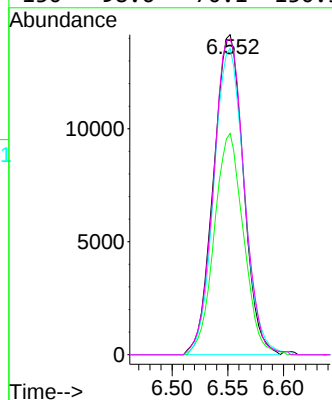


#34
Trichloroethene
Concen: 5.37 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. 0.003 min
Lab File: VU043136.D
Acq: 15 Apr 2021 21:45

Instrument :
MSVOA_U
ClientSampled :

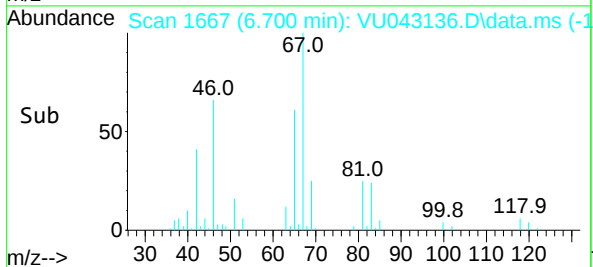
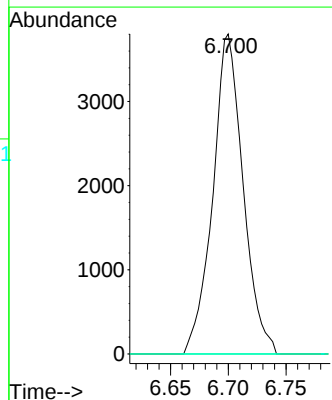
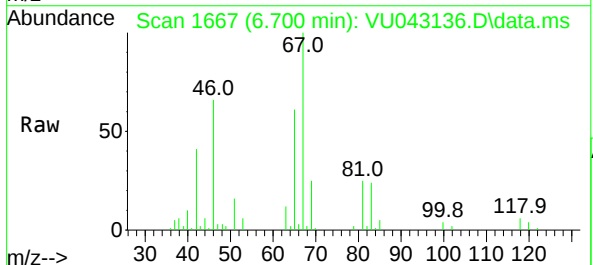


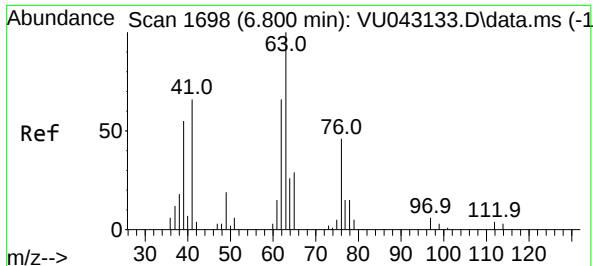
Tgt Ion: 95 Resp: 26450
Ion Ratio Lower Upper
95 100
97 69.1 45.8 85.2
132 95.7 68.7 127.7
130 98.6 70.1 130.3



#35
Methylcyclohexane
Concen: 1.02 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.071 min
Lab File: VU043136.D
Acq: 15 Apr 2021 21:45

Tgt Ion: 83 Resp: 6940
Ion Ratio Lower Upper
83 100
55 0.0 59.5 89.3#
98 3.8 37.9 56.9#



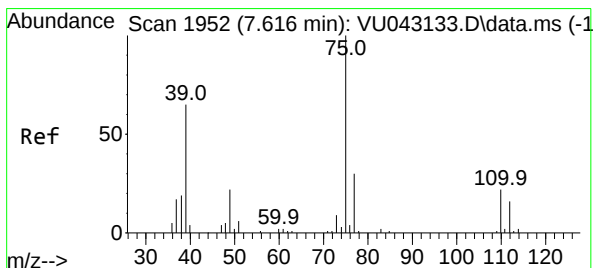
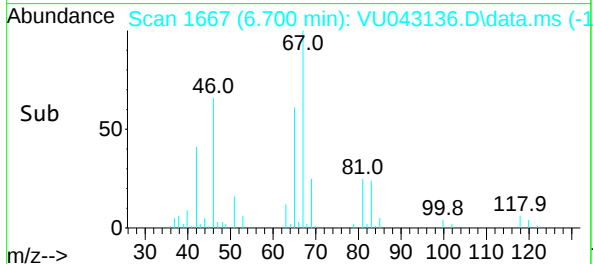
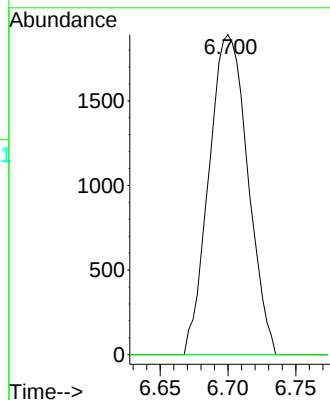
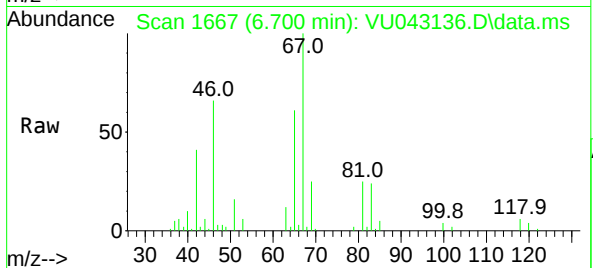


#37

1,2-Dichloropropane
Concen: 0.75 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU043136.D
Acq: 15 Apr 2021 21:45

Instrument :
MSVOA_U
ClientSampled :

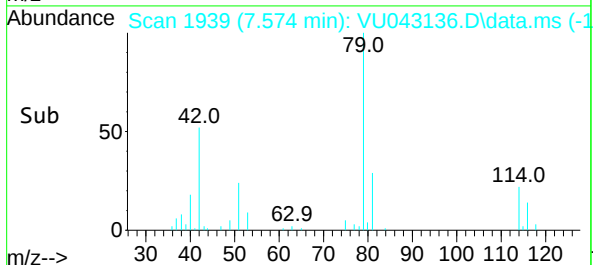
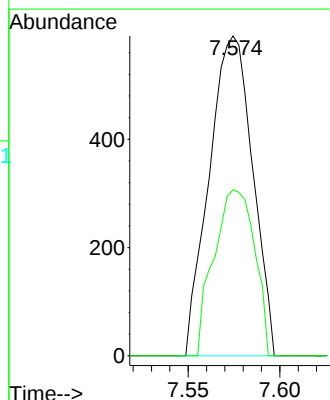
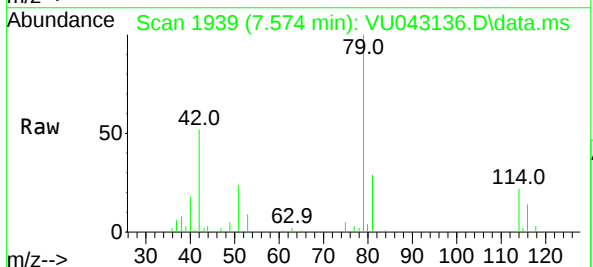
Tgt Ion: 63 Resp: 3772
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#

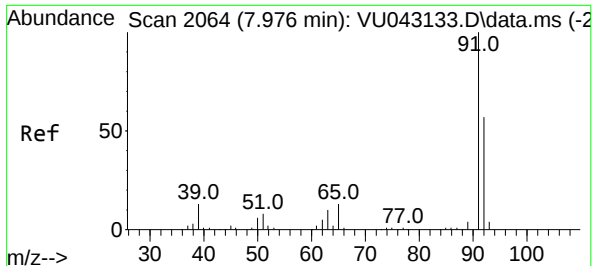


#39

cis-1,3-Dichloropropene
Concen: 0.13 ug/L
RT: 7.574 min Scan# 1939
Delta R.T. -0.042 min
Lab File: VU043136.D
Acq: 15 Apr 2021 21:45

Tgt Ion: 75 Resp: 972
Ion Ratio Lower Upper
75 100
77 51.9 21.8 40.6#

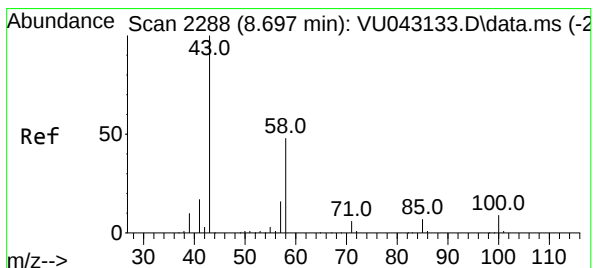
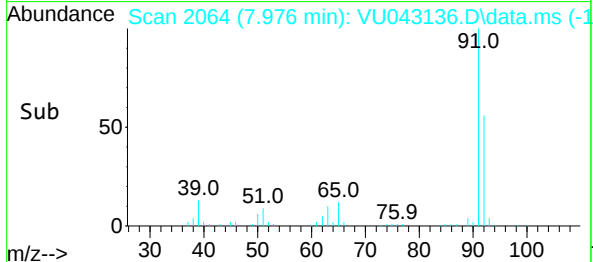
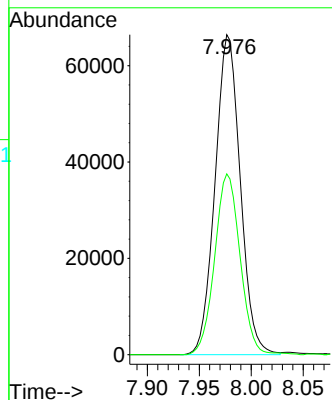
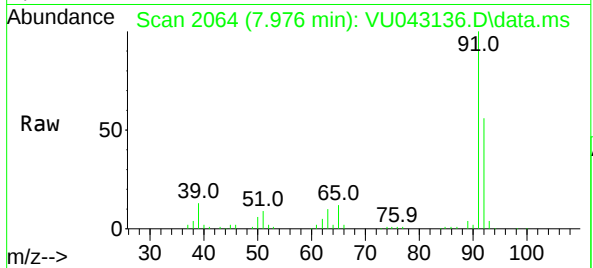




#42
Toluene
Concen: 5.62 ug/L
RT: 7.976 min Scan# 2064
Delta R.T. -0.000 min
Lab File: VU043136.D
Acq: 15 Apr 2021 21:45

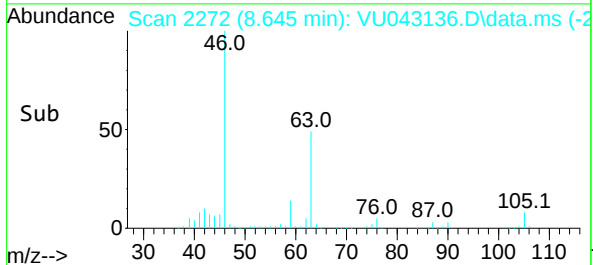
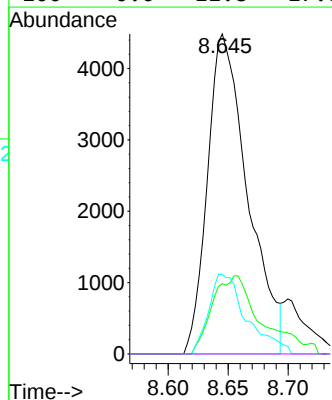
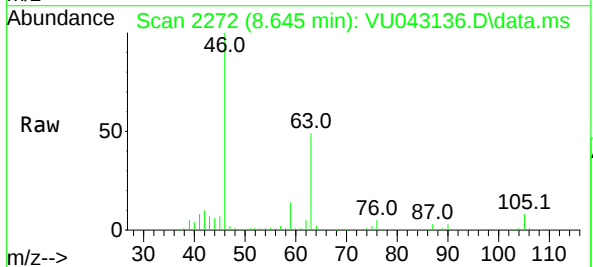
Instrument :
MSVOA_U
ClientSampled :

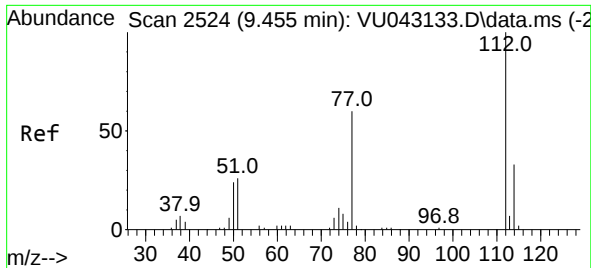
Tgt Ion: 91 Resp: 112214
Ion Ratio Lower Upper
91 100
92 56.5 40.9 76.0



#48
2-Hexanone
Concen: 3.16 ug/L
RT: 8.645 min Scan# 2272
Delta R.T. -0.052 min
Lab File: VU043136.D
Acq: 15 Apr 2021 21:45

Tgt Ion: 43 Resp: 10465
Ion Ratio Lower Upper
43 100
58 29.9 50.0 75.0#
57 23.6 17.4 26.0
100 0.0 11.8 17.8#

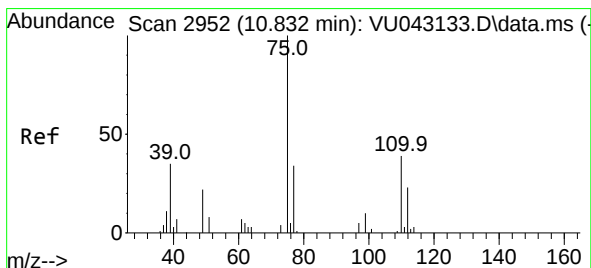
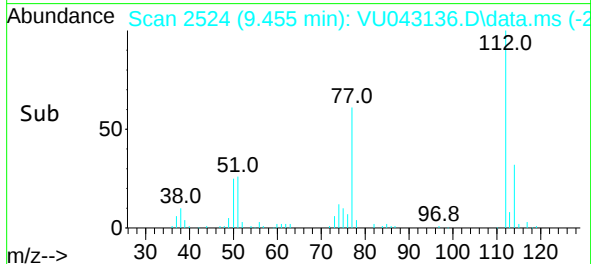
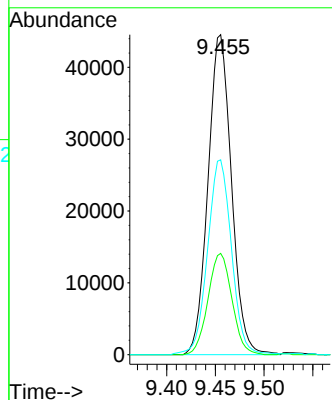
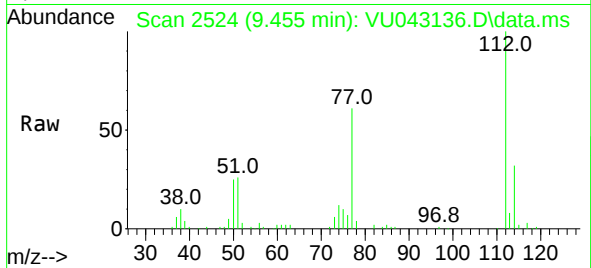




#51
Chlorobenzene
Concen: 5.86 ug/L
RT: 9.455 min Scan# 2524
Delta R.T. -0.000 min
Lab File: VU043136.D
Acq: 15 Apr 2021 21:45

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion:112 Resp: 74606
Ion Ratio Lower Upper
112 100
114 31.7 21.9 40.7
77 60.9 45.1 67.7



#61
1,2,3-Trichloropropane
Concen: 1.15 ug/L
RT: 11.815 min Scan# 3258
Delta R.T. 0.984 min
Lab File: VU043136.D
Acq: 15 Apr 2021 21:45

Tgt Ion: 75 Resp: 3961
Ion Ratio Lower Upper
75 100
110 0.0 31.5 47.3#
77 41.6 26.3 39.5#

