

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100621\
 Data File : VU0451190.D
 Acq On : 06 Oct 2021 17:01
 Operator : SY/MD
 Sample : M3996-12
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 07 03:03:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 07 03:00:32 2021
 Response via : Initial Calibration

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

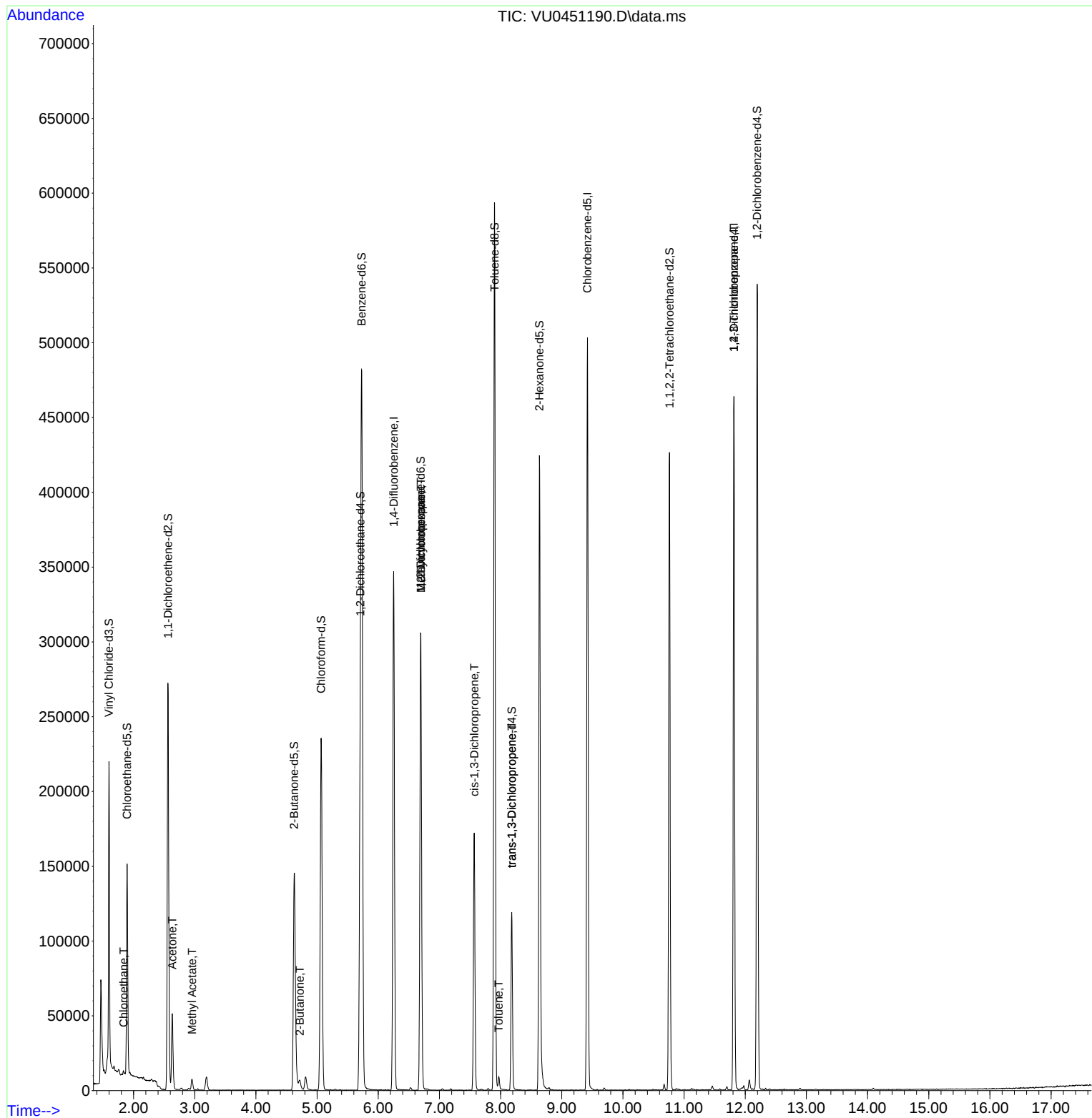
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	266964	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	259191	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	112136	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	133083	45.538	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	91.080%		
7) Chloroethane-d5	1.893	69	107688	46.500	ug/L	-0.01
Spiked Amount 50.000	Range 70 - 130		Recovery =	93.000%		
11) 1,1-Dichloroethene-d2	2.562	63	164989	33.617	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	67.240%		
21) 2-Butanone-d5	4.626	46	209617	90.726	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	90.730%		
24) Chloroform-d	5.067	84	204933	44.399	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.800%		
26) 1,2-Dichloroethane-d4	5.706	65	145714	46.606	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.220%		
32) Benzene-d6	5.729	84	431823	48.013	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.020%		
36) 1,2-Dichloropropane-d6	6.694	67	138543	47.242	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	94.480%		
41) Toluene-d8	7.903	98	375244	48.347	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	96.700%		
43) trans-1,3-Dichloroprop...	8.182	79	62174	47.661	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	95.320%		
47) 2-Hexanone-d5	8.636	63	146271	90.004	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	90.000%		
56) 1,1,2,2-Tetrachloroeth...	10.761	84	209239	45.820	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	91.640%		
66) 1,2-Dichlorobenzene-d4	12.195	152	129280	52.975	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	105.960%		
Target Compounds						Qvalue
8) Chloroethane	1.838	64	2330	1.189	ug/L #	51
13) Acetone	2.633	43	54269	20.320	ug/L	99
15) Methyl Acetate	2.954	43	9294	2.822	ug/L	99
22) 2-Butanone	4.716	43	9011	3.015	ug/L	95
35) Methylcyclohexane	6.697	83	32080	8.298	ug/L #	16
37) 1,2-Dichloropropane	6.697	63	15892	6.072	ug/L #	88
39) cis-1,3-Dichloropropene	7.571	75	3793	1.013	ug/L #	60
42) Toluene	7.970	91	5864	0.600	ug/L	93
44) trans-1,3-Dichloropropene	8.182	75	2768	0.777	ug/L #	72
60) 1,2,3-Trichloropropane	11.816	75	15402	4.966	ug/L #	67

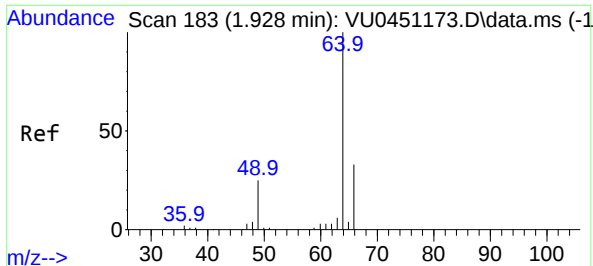
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Oct 07 03:00:32 2021
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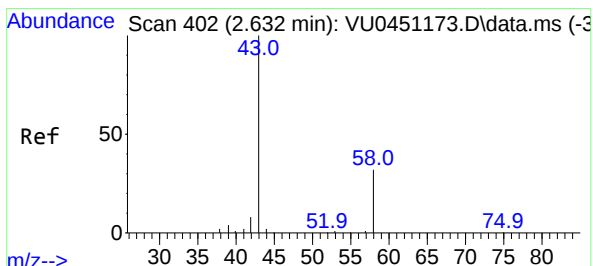
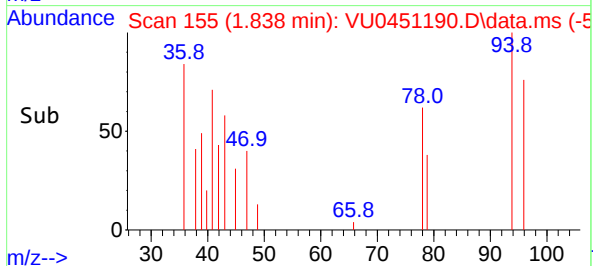
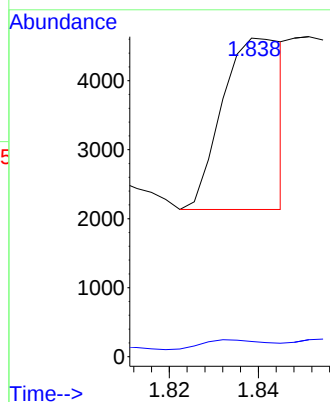
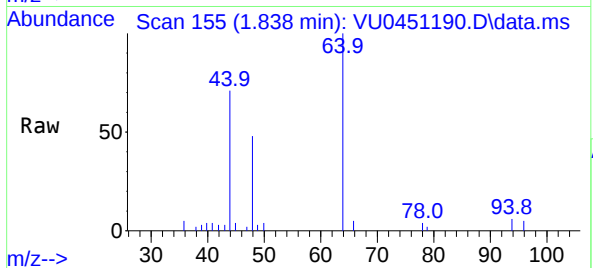




#8
Chloroethane
Concen: 1.189 ug/L
RT: 1.838 min Scan# 155
Delta R.T. -0.090 min
Lab File: VU0451190.D
Acq: 06 Oct 2021 17:01

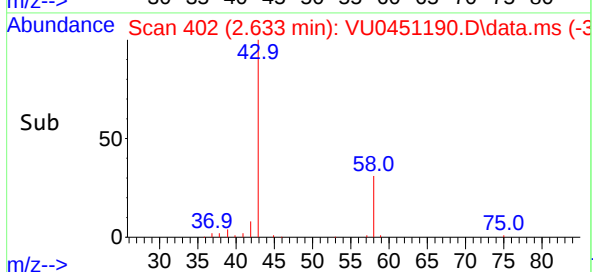
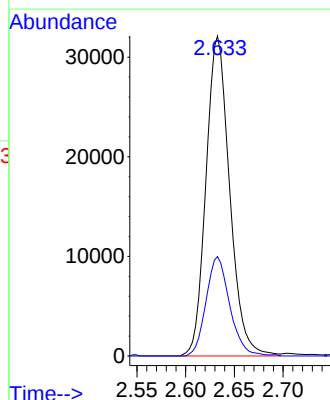
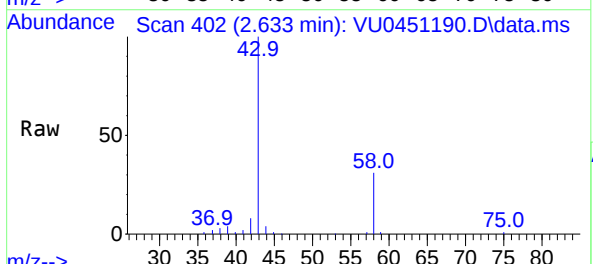
Instrument :
MSVOA_U
ClientSampled :

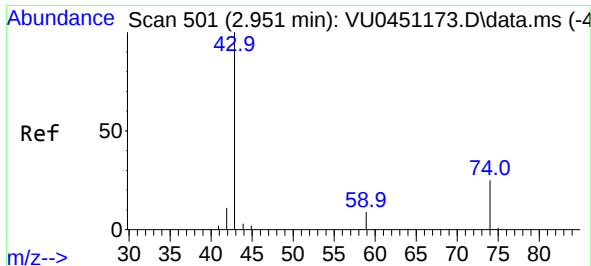
Tgt Ion: 64 Resp: 2330
Ion Ratio Lower Upper
64 100
66 4.8 22.3 41.3#



#13
Acetone
Concen: 20.320 ug/L
RT: 2.633 min Scan# 402
Delta R.T. 0.000 min
Lab File: VU0451190.D
Acq: 06 Oct 2021 17:01

Tgt Ion: 43 Resp: 54269
Ion Ratio Lower Upper
43 100
58 30.9 0.0 62.8

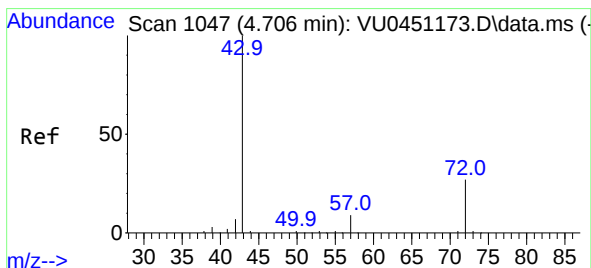
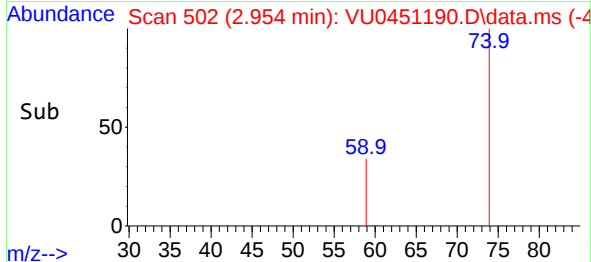
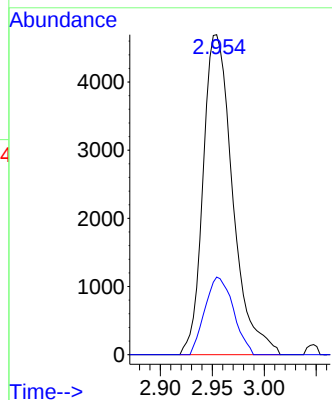
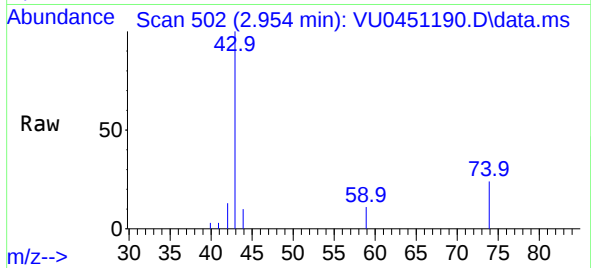




#15
Methyl Acetate
Concen: 2.822 ug/L
RT: 2.954 min Scan# 502
Delta R.T. 0.003 min
Lab File: VU0451190.D
Acq: 06 Oct 2021 17:01

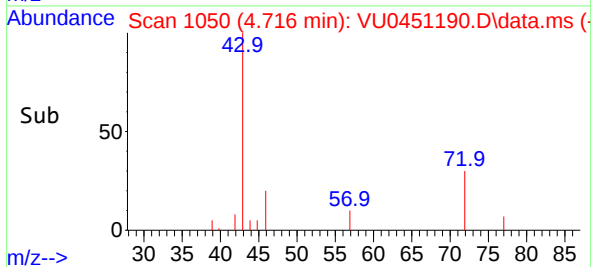
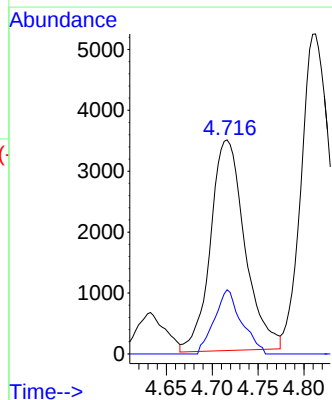
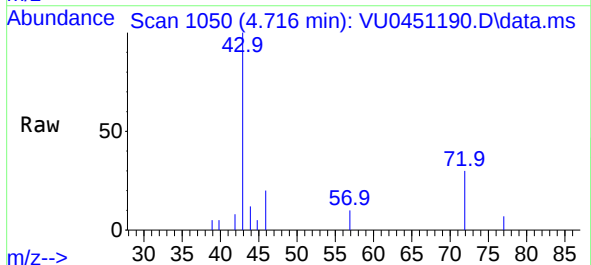
Instrument :
MSVOA_U
ClientSampled :

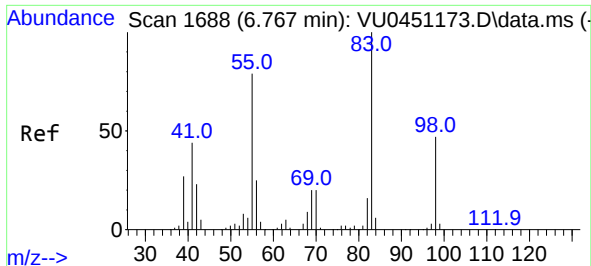
Tgt Ion: 43 Resp: 9294
Ion Ratio Lower Upper
43 100
74 23.3 18.4 27.6



#22
2-Butanone
Concen: 3.015 ug/L
RT: 4.716 min Scan# 1050
Delta R.T. 0.010 min
Lab File: VU0451190.D
Acq: 06 Oct 2021 17:01

Tgt Ion: 43 Resp: 9011
Ion Ratio Lower Upper
43 100
72 24.0 13.3 39.9

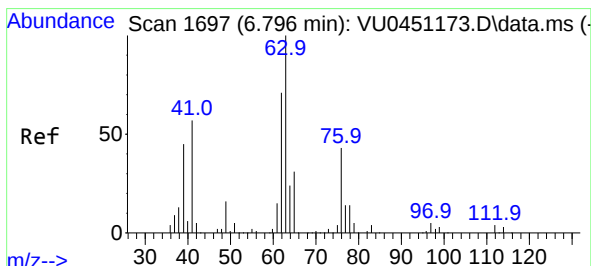
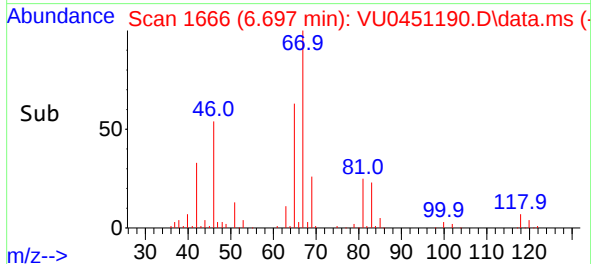
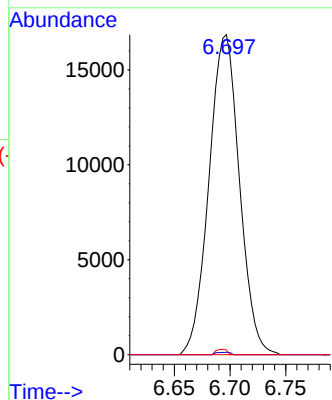
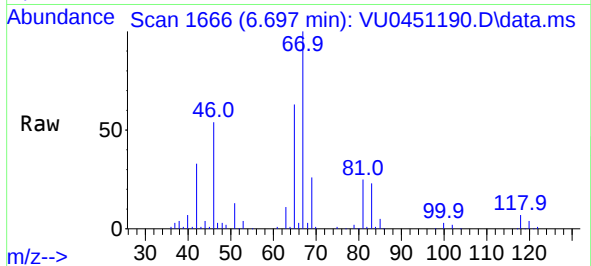




#35
Methylcyclohexane
Concen: 8.298 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.071 min
Lab File: VU0451190.D
Acq: 06 Oct 2021 17:01

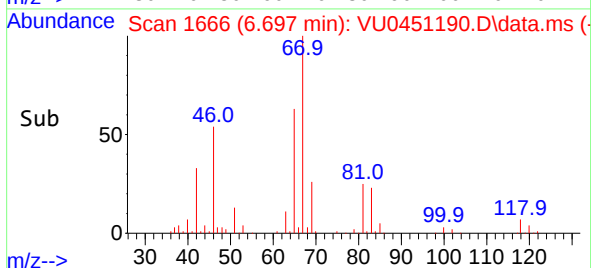
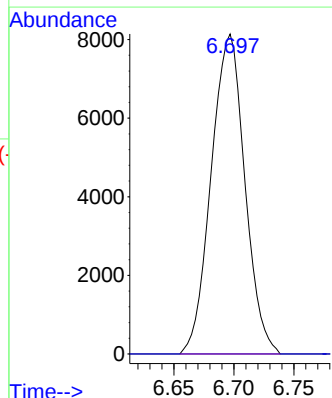
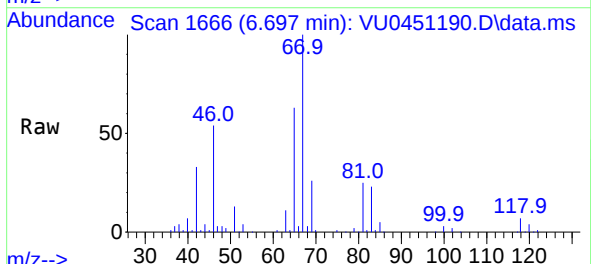
Instrument :
MSVOA_U
ClientSampleId :

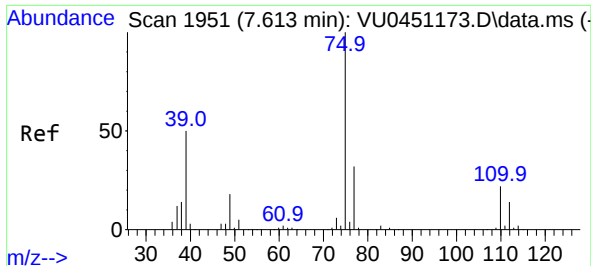
Tgt Ion: 83 Resp: 32080
Ion Ratio Lower Upper
83 100
55 0.0 65.8 98.6#
98 0.6 37.1 55.7#



#37
1,2-Dichloropropane
Concen: 6.072 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.100 min
Lab File: VU0451190.D
Acq: 06 Oct 2021 17:01

Tgt Ion: 63 Resp: 15892
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#

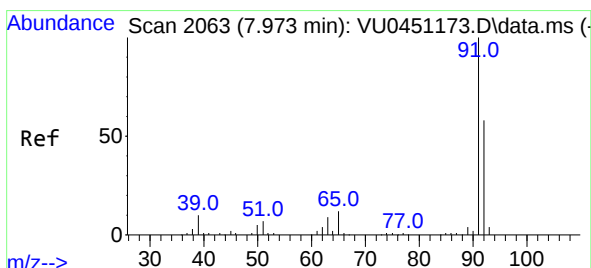
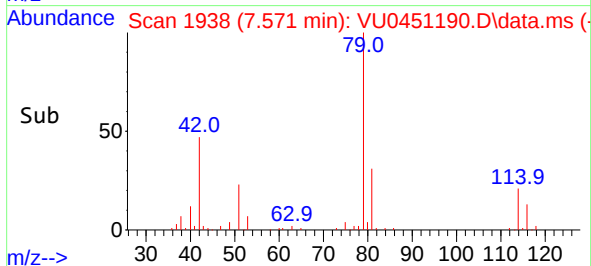
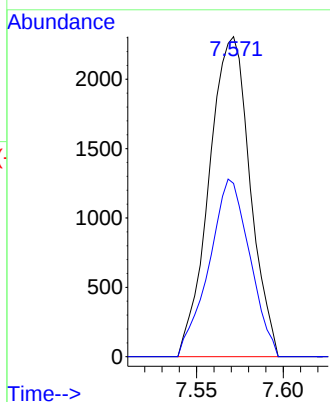
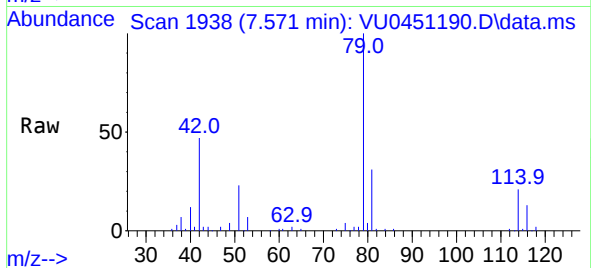




#39
cis-1,3-Dichloropropene
Concen: 1.013 ug/L
RT: 7.571 min Scan# 1938
Delta R.T. -0.042 min
Lab File: VU0451190.D
Acq: 06 Oct 2021 17:01

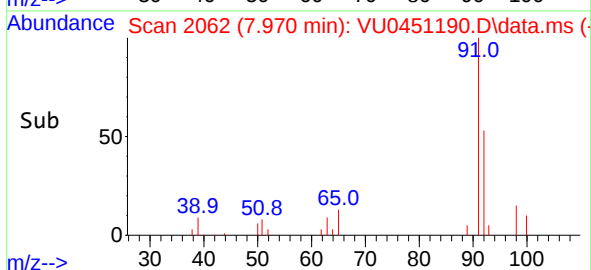
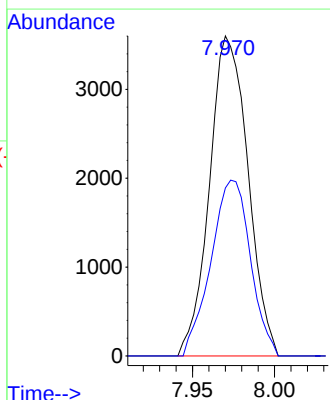
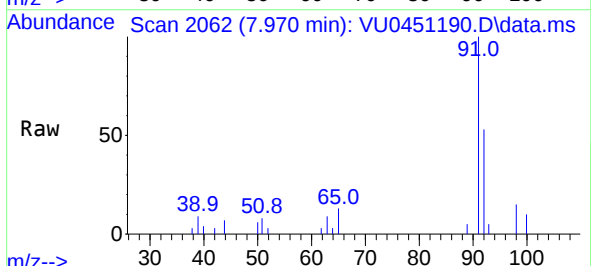
Instrument :
MSVOA_U
ClientSampleId :

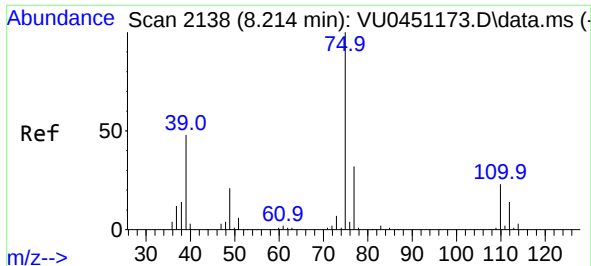
Tgt Ion: 75 Resp: 3793
Ion Ratio Lower Upper
75 100
77 54.1 22.4 41.6#



#42
Toluene
Concen: 0.600 ug/L
RT: 7.970 min Scan# 2062
Delta R.T. -0.003 min
Lab File: VU0451190.D
Acq: 06 Oct 2021 17:01

Tgt Ion: 91 Resp: 5864
Ion Ratio Lower Upper
91 100
92 52.5 40.5 75.1

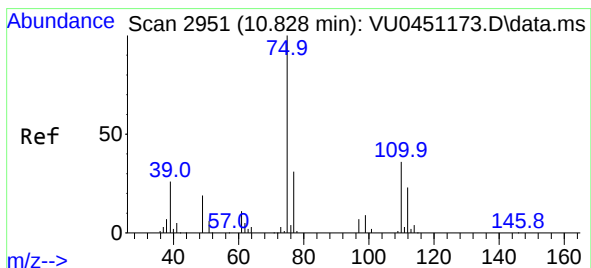
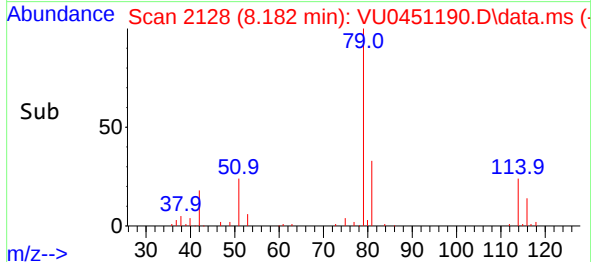
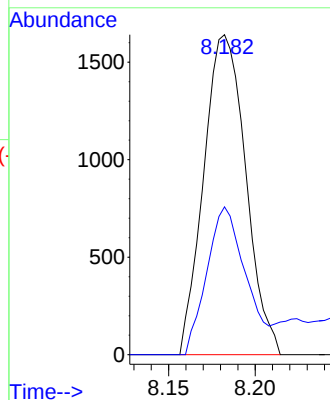
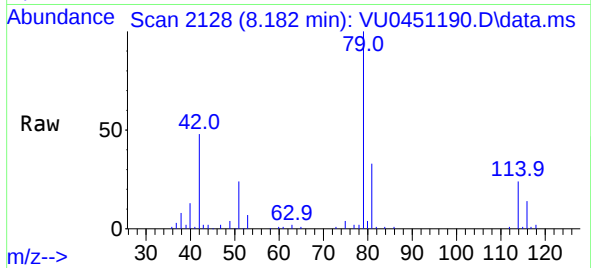




#44
trans-1,3-Dichloropropene
Concen: 0.777 ug/L
RT: 8.182 min Scan# 2128
Delta R.T. -0.032 min
Lab File: VU0451190.D
Acq: 06 Oct 2021 17:01

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion: 75 Resp: 2768
Ion Ratio Lower Upper
75 100
77 46.2 21.7 40.3#



#60
1,2,3-Trichloropropane
Concen: 4.966 ug/L
RT: 11.816 min Scan# 3258
Delta R.T. 0.987 min
Lab File: VU0451190.D
Acq: 06 Oct 2021 17:01

Tgt Ion: 75 Resp: 15402
Ion Ratio Lower Upper
75 100
77 33.5 25.5 38.3
110 1.6 29.0 43.4#

