

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100621\
 Data File : VU0451177.D
 Acq On : 06 Oct 2021 11:51
 Operator : SY/MD
 Sample : M4024-10
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 07 03:01:26 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)

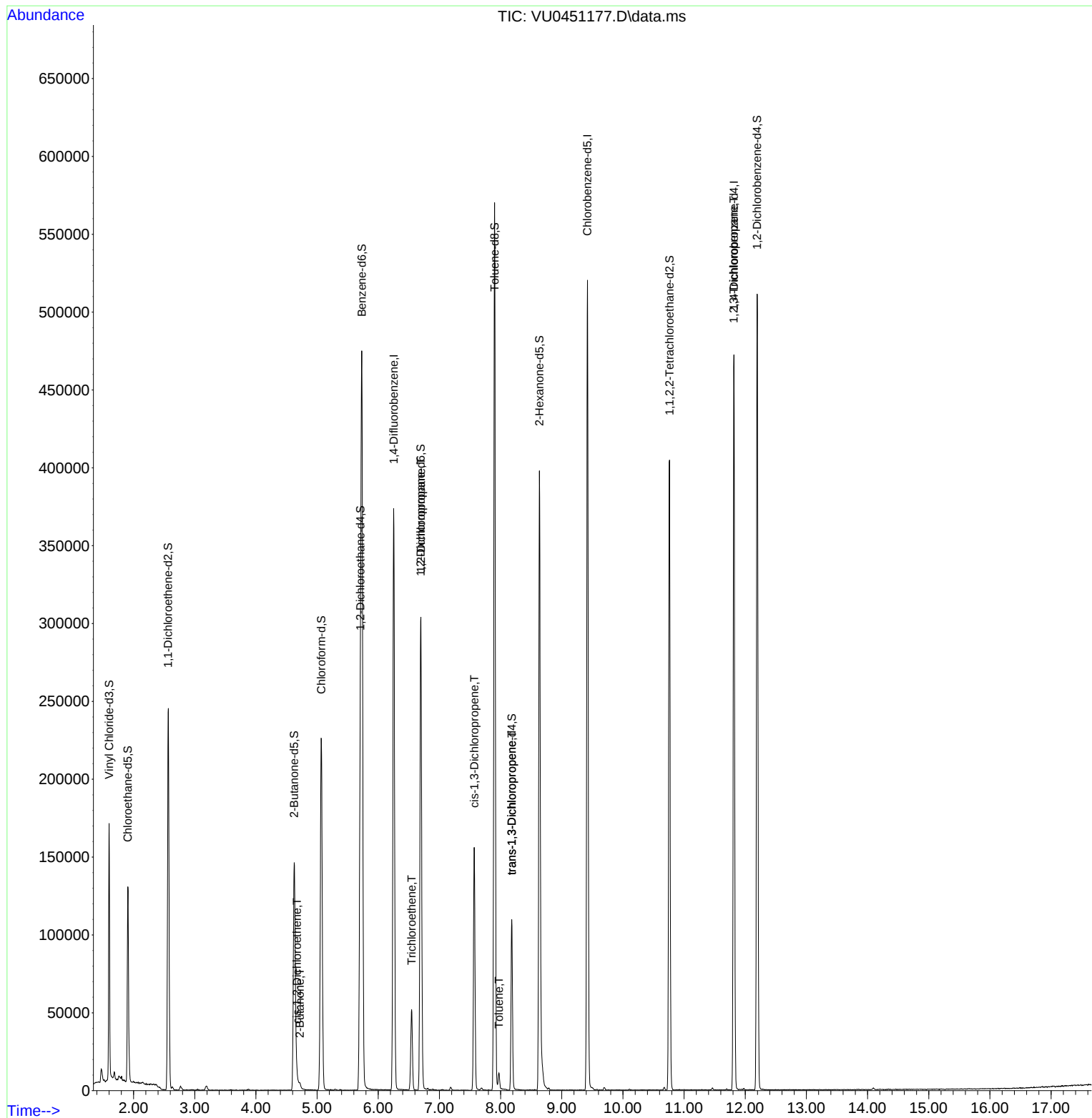
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	288968	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	272479	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	116136	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	108755	34.380	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	68.760%		
7) Chloroethane-d5	1.906	69	97911	39.059	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	78.120%		
11) 1,1-Dichloroethene-d2	2.565	63	148172	27.892	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	55.780%#		
21) 2-Butanone-d5	4.626	46	209961	83.955	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	83.960%		
24) Chloroform-d	5.070	84	204397	40.911	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	81.820%		
26) 1,2-Dichloroethane-d4	5.707	65	147941	43.715	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.420%		
32) Benzene-d6	5.732	84	425602	45.014	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.020%		
36) 1,2-Dichloropropane-d6	6.694	67	139317	45.190	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	90.380%		
41) Toluene-d8	7.903	98	364579	44.682	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	89.360%		
43) trans-1,3-Dichloroprop...	8.182	79	58025	42.312	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	84.620%		
47) 2-Hexanone-d5	8.636	63	140971	82.513	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	82.510%		
56) 1,1,2,2-Tetrachloroeth...	10.761	84	202261	42.132	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	84.260%		
66) 1,2-Dichlorobenzene-d4	12.195	152	124671	49.327	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	98.660%		
Target Compounds						Qvalue
20) cis-1,2-Dichloroethene	4.671	96	2209	0.850	ug/L	81
22) 2-Butanone	4.716	43	6248	1.931	ug/L	93
34) Trichloroethene	6.546	95	15960	6.575	ug/L	97
37) 1,2-Dichloropropane	6.697	63	15221	5.532	ug/L #	88
39) cis-1,3-Dichloropropene	7.571	75	3606	0.916	ug/L #	70
42) Toluene	7.973	91	7647	0.745	ug/L	96
44) trans-1,3-Dichloropropene	8.182	75	2558	0.683	ug/L #	73
60) 1,2,3-Trichloropropane	11.812	75	15120	4.707	ug/L #	67

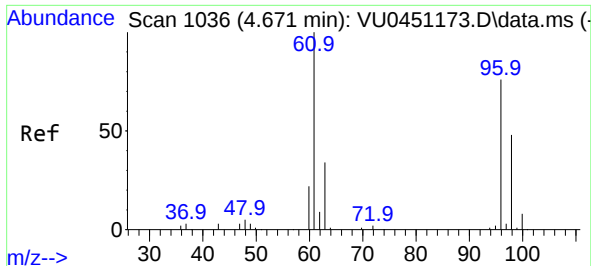
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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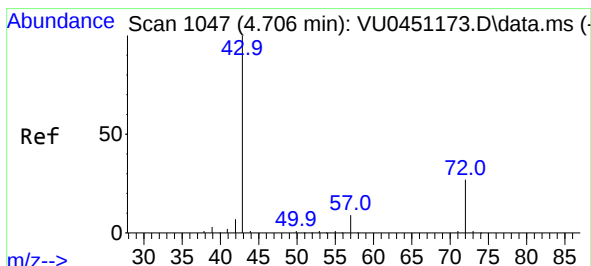
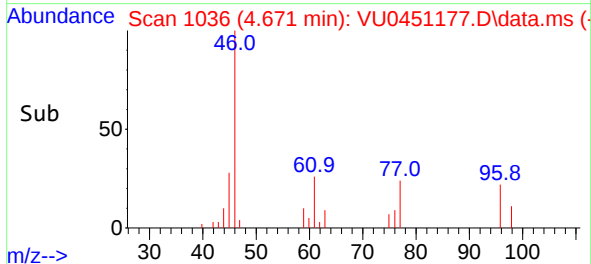
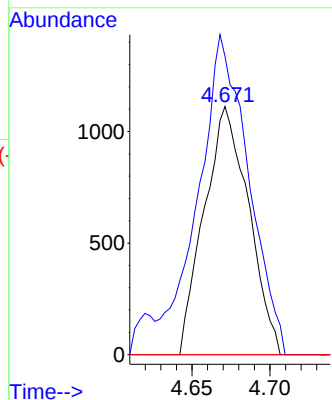
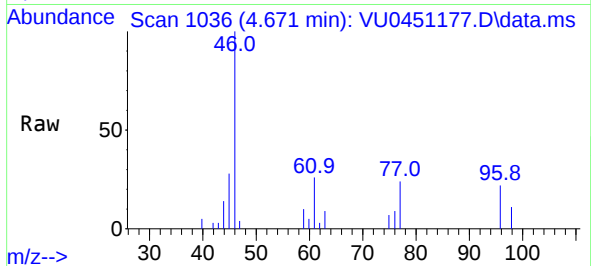




#20
 cis-1,2-Dichloroethene
 Concen: 0.850 ug/L
 RT: 4.671 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VU0451177.D
 Acq: 06 Oct 2021 11:51

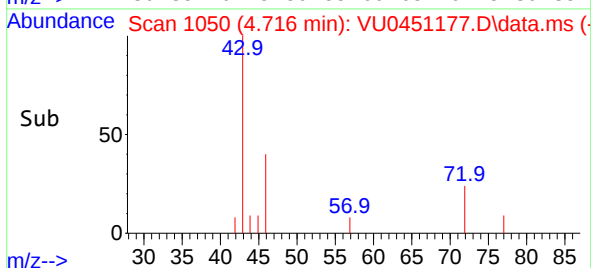
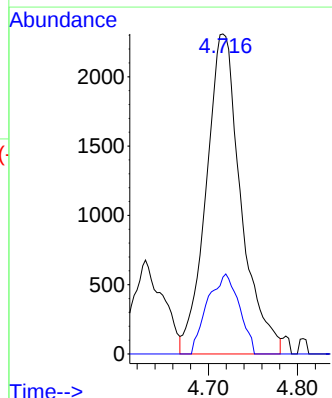
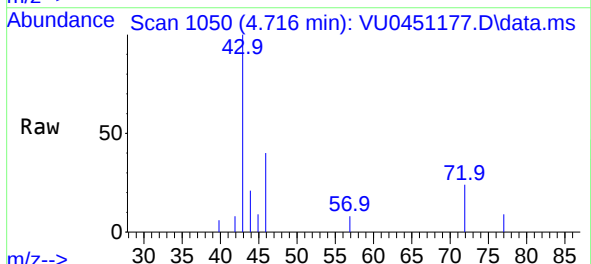
Instrument :
 MSVOA_U
 ClientSampled :

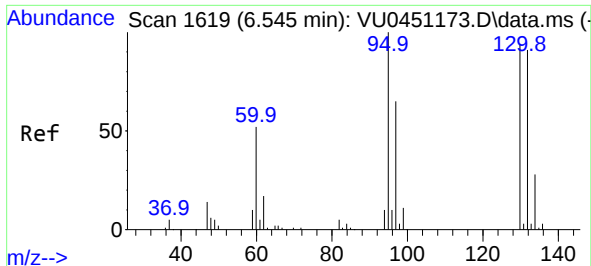
Tgt Ion: 96 Resp: 2209
 Ion Ratio Lower Upper
 96 100
 61 120.2 100.2 186.0
 68 0.0 0.0 0.0



#22
 2-Butanone
 Concen: 1.931 ug/L
 RT: 4.716 min Scan# 1050
 Delta R.T. 0.010 min
 Lab File: VU0451177.D
 Acq: 06 Oct 2021 11:51

Tgt Ion: 43 Resp: 6248
 Ion Ratio Lower Upper
 43 100
 72 22.9 13.3 39.9

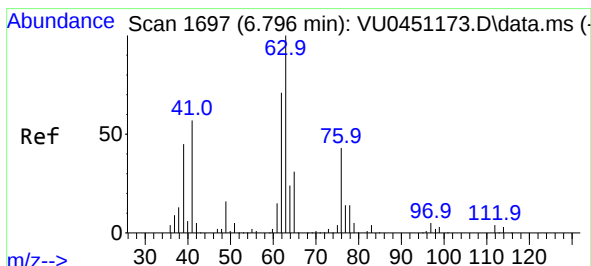
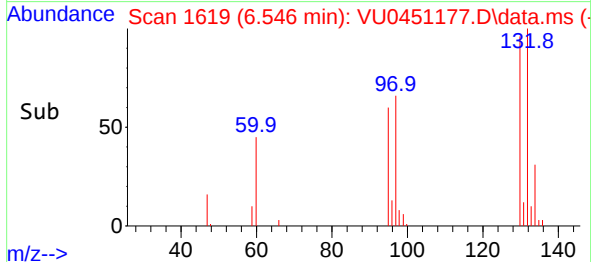
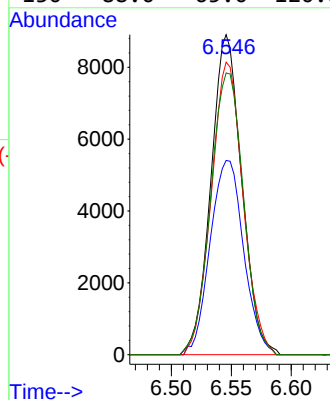
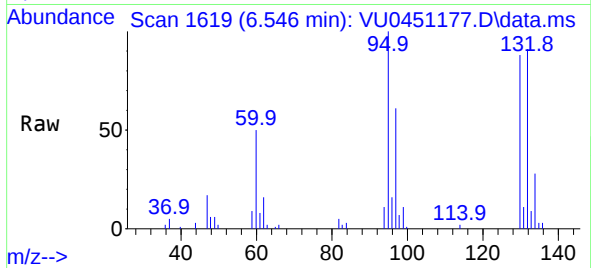




#34
Trichloroethene
Concen: 6.575 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU0451177.D
Acq: 06 Oct 2021 11:51

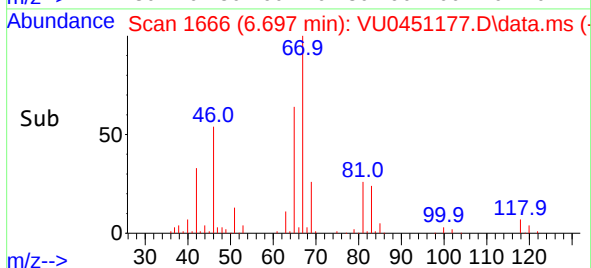
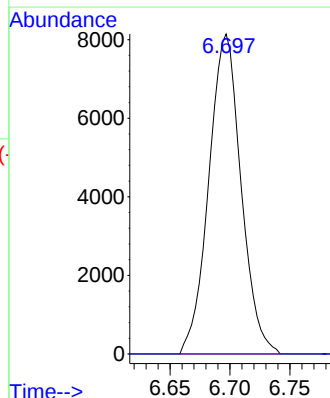
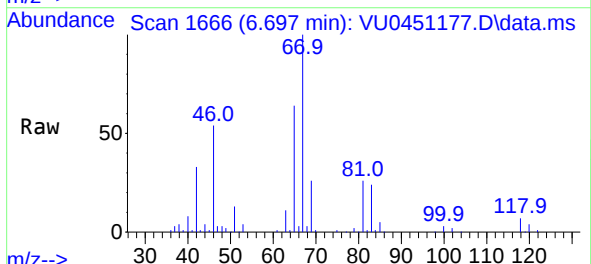
Instrument :
MSVOA_U
ClientSampled :

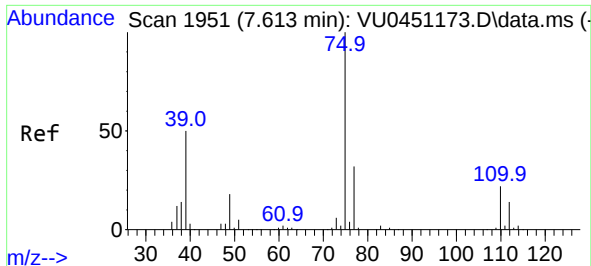
Tgt Ion: 95 Resp: 15960
Ion Ratio Lower Upper
95 100
97 60.7 44.4 82.4
132 91.4 62.9 116.9
130 88.0 65.0 120.8



#37
1,2-Dichloropropane
Concen: 5.532 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.099 min
Lab File: VU0451177.D
Acq: 06 Oct 2021 11:51

Tgt Ion: 63 Resp: 15221
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#

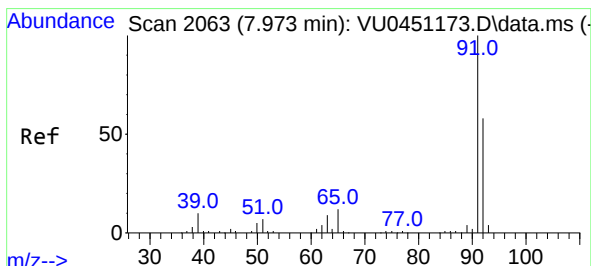
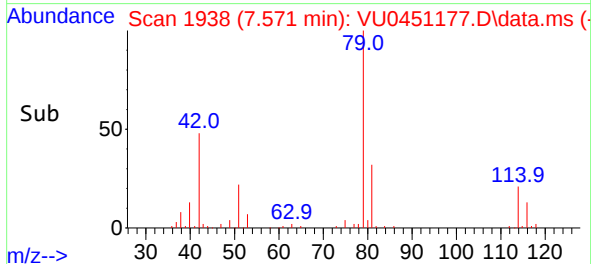
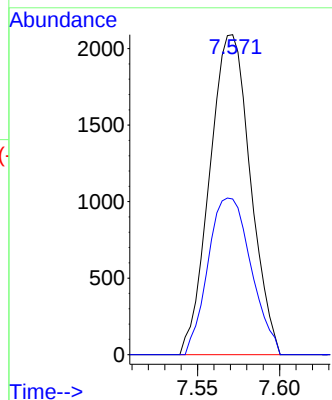
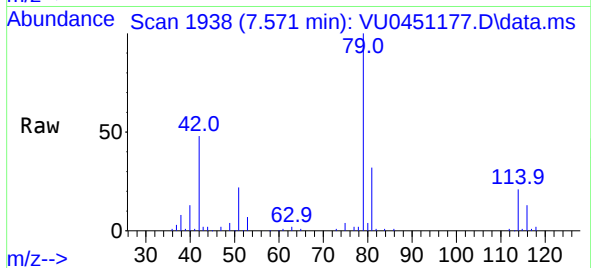




#39
 cis-1,3-Dichloropropene
 Concen: 0.916 ug/L
 RT: 7.571 min Scan# 1938
 Delta R.T. -0.042 min
 Lab File: VU0451177.D
 Acq: 06 Oct 2021 11:51

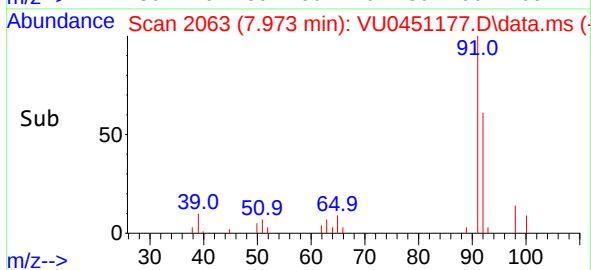
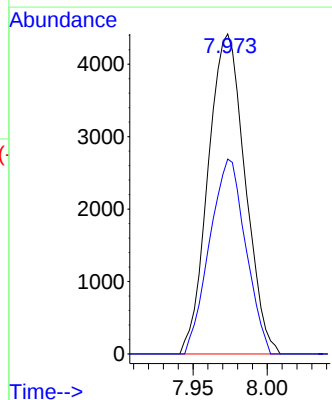
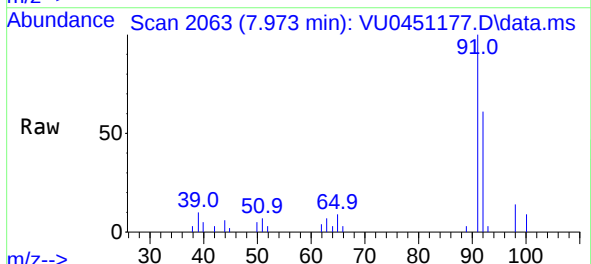
Instrument :
 MSVOA_U
 ClientSampled :

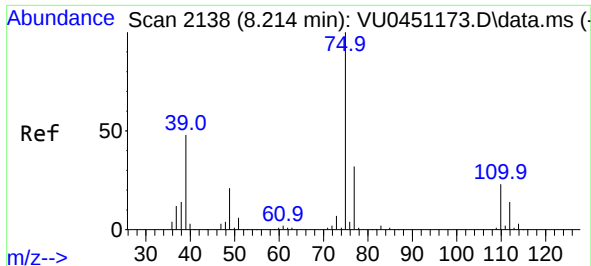
Tgt Ion: 75 Resp: 3606
 Ion Ratio Lower Upper
 75 100
 77 48.6 22.4 41.6#



#42
 Toluene
 Concen: 0.745 ug/L
 RT: 7.973 min Scan# 2063
 Delta R.T. 0.000 min
 Lab File: VU0451177.D
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Tgt Ion: 91 Resp: 7647
 Ion Ratio Lower Upper
 91 100
 92 60.9 40.5 75.1

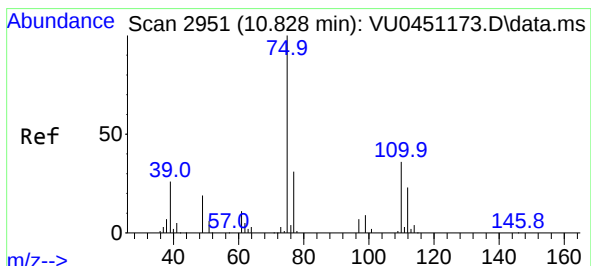
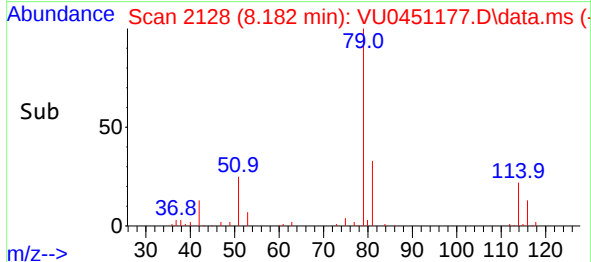
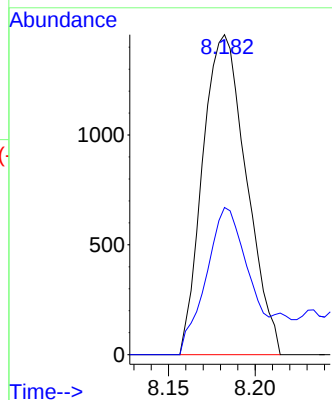
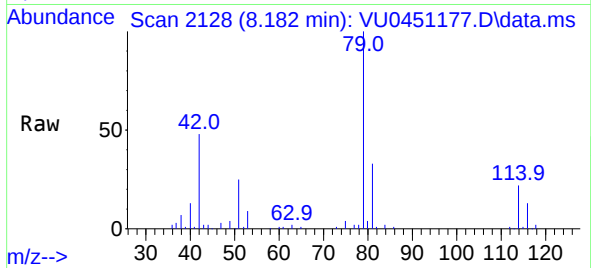




#44
trans-1,3-Dichloropropene
Concen: 0.683 ug/L
RT: 8.182 min Scan# 2128
Delta R.T. -0.032 min
Lab File: VU0451177.D
Acq: 06 Oct 2021 11:51

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion: 75 Resp: 2558
Ion Ratio Lower Upper
75 100
77 46.0 21.7 40.3#



#60
1,2,3-Trichloropropane
Concen: 4.707 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.984 min
Lab File: VU0451177.D
Acq: 06 Oct 2021 11:51

Tgt Ion: 75 Resp: 15120
Ion Ratio Lower Upper
75 100
77 34.7 25.5 38.3
110 2.0 29.0 43.4#

