

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100621\
 Data File : VU0451188.D
 Acq On : 06 Oct 2021 16:14
 Operator : SY/MD
 Sample : M4024-18
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 07 03:02:55 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)

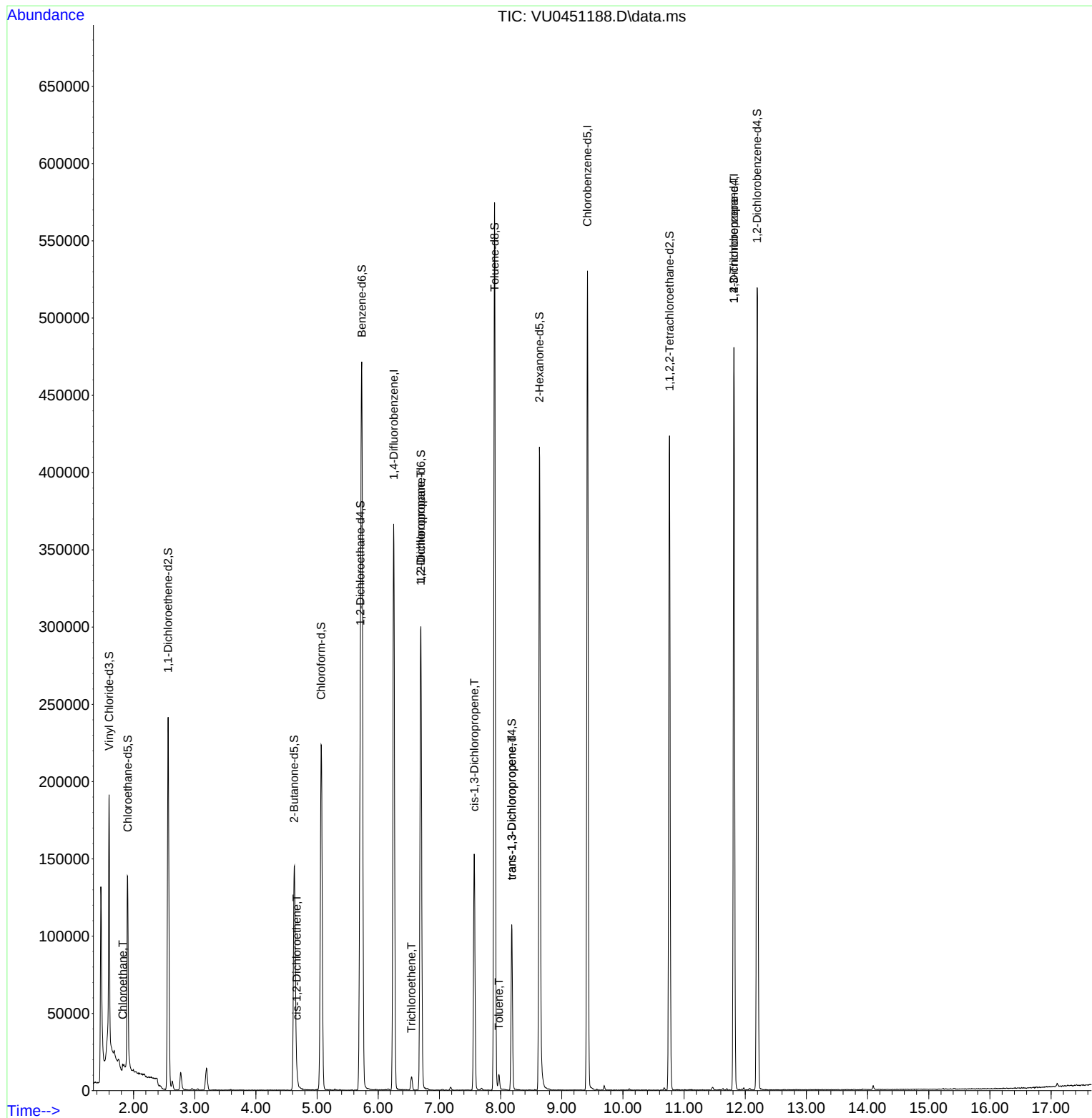
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	283306	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	268130	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	115661	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	104407	33.665	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	67.320%		
7) Chloroethane-d5	1.903	69	97995	39.874	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	79.740%		
11) 1,1-Dichloroethene-d2	2.565	63	145952	28.023	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	56.040%#		
21) 2-Butanone-d5	4.626	46	208104	84.876	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	84.880%		
24) Chloroform-d	5.067	84	203005	41.444	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	82.880%		
26) 1,2-Dichloroethane-d4	5.706	65	146048	44.018	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.040%		
32) Benzene-d6	5.732	84	419015	45.036	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.080%		
36) 1,2-Dichloropropane-d6	6.697	67	137050	45.175	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	90.360%		
41) Toluene-d8	7.902	98	362284	45.121	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	90.240%		
43) trans-1,3-Dichloroprop...	8.182	79	56005	41.501	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	83.000%		
47) 2-Hexanone-d5	8.636	63	144211	85.778	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	85.780%		
56) 1,1,2,2-Tetrachloroeth...	10.761	84	207048	43.828	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	87.660%		
66) 1,2-Dichlorobenzene-d4	12.195	152	126305	50.179	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	100.360%		
Target Compounds						Qvalue
8) Chloroethane	1.822	64	3550	1.707	ug/L #	53
20) cis-1,2-Dichloroethene	4.668	96	1605	0.630	ug/L	96
34) Trichloroethene	6.542	95	2770	1.160	ug/L	93
37) 1,2-Dichloropropane	6.693	63	15247	5.631	ug/L #	88
39) cis-1,3-Dichloropropene	7.571	75	3612	0.932	ug/L #	65
42) Toluene	7.973	91	6582	0.651	ug/L	95
44) trans-1,3-Dichloropropene	8.182	75	2420	0.657	ug/L	88
60) 1,2,3-Trichloropropane	11.815	75	15723	4.915	ug/L #	68

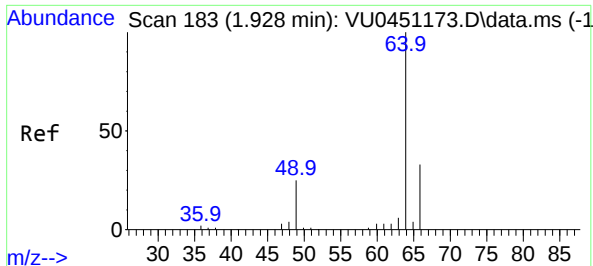
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

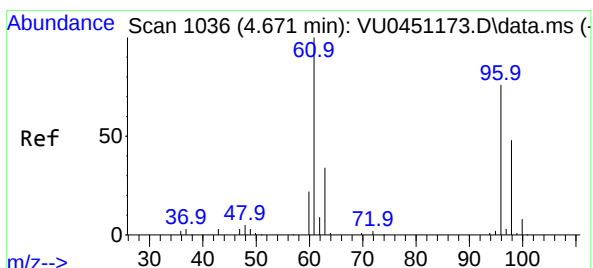
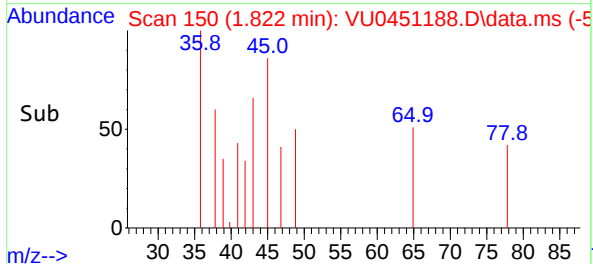
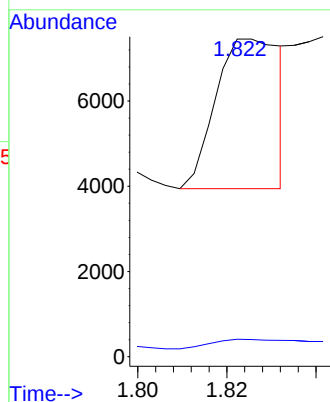
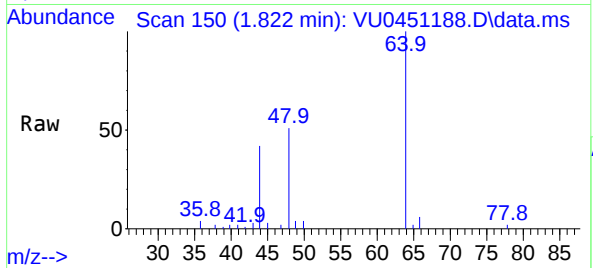




#8
Chloroethane
Concen: 1.707 ug/L
RT: 1.822 min Scan# 150
Delta R.T. -0.106 min
Lab File: VU0451188.D
Acq: 06 Oct 2021 16:14

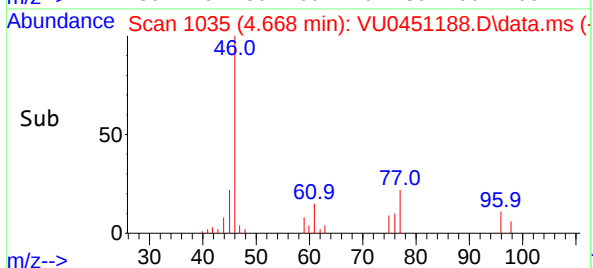
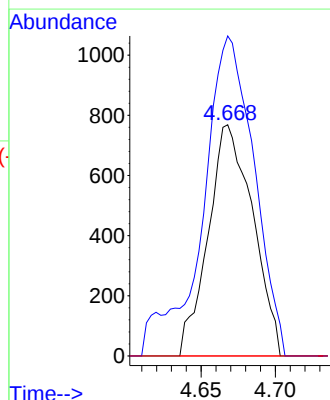
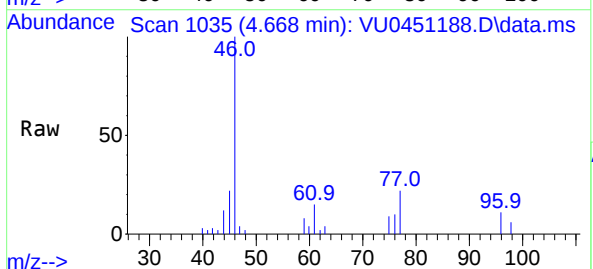
Instrument :
MSVOA_U
ClientSampleId :

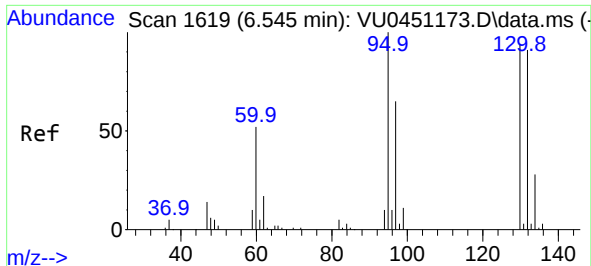
Tgt Ion: 64 Resp: 3550
Ion Ratio Lower Upper
64 100
66 5.5 22.3 41.3#



#20
cis-1,2-Dichloroethene
Concen: 0.630 ug/L
RT: 4.668 min Scan# 1035
Delta R.T. -0.003 min
Lab File: VU0451188.D
Acq: 06 Oct 2021 16:14

Tgt Ion: 96 Resp: 1605
Ion Ratio Lower Upper
96 100
61 138.4 100.2 186.0
68 0.0 0.0 0.0

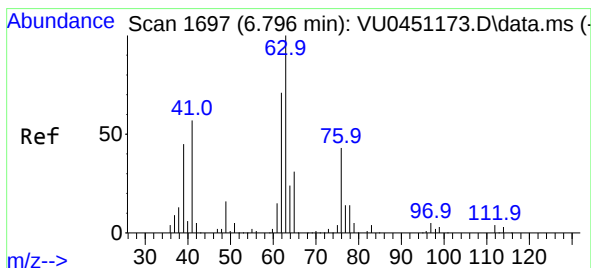
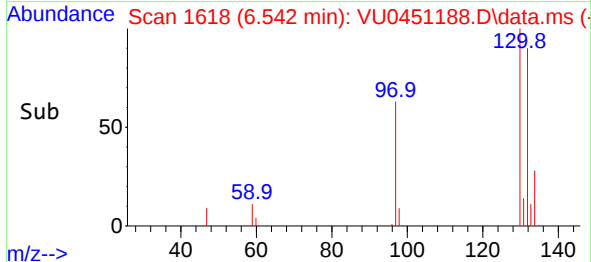
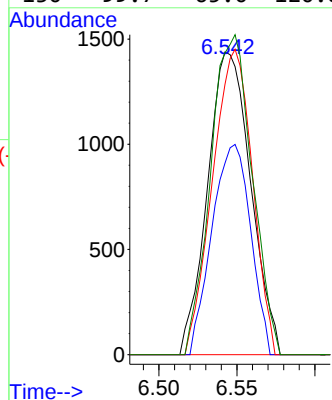
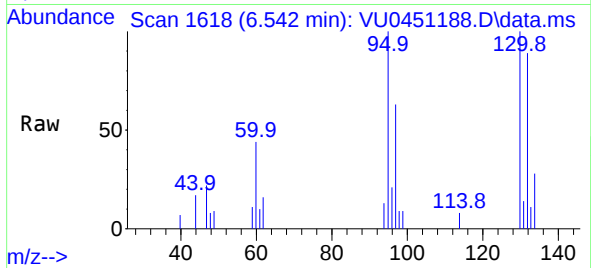




#34
Trichloroethene
Concen: 1.160 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. -0.003 min
Lab File: VU0451188.D
Acq: 06 Oct 2021 16:14

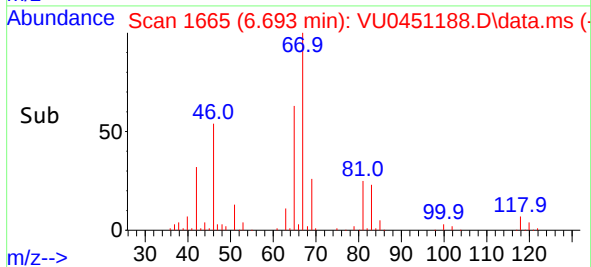
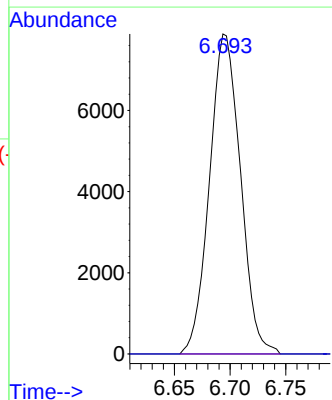
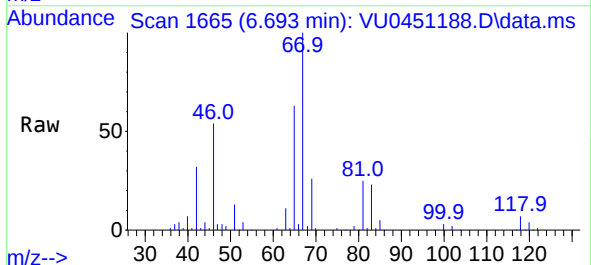
Instrument :
MSVOA_U
ClientSampled :

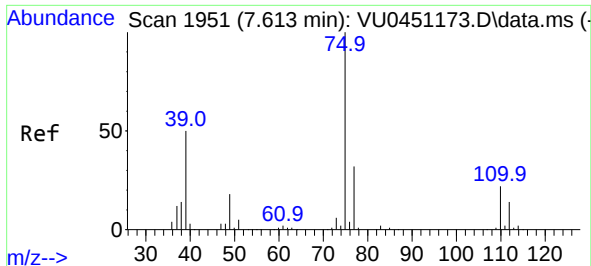
Tgt Ion: 95 Resp: 2770
Ion Ratio Lower Upper
95 100
97 63.2 44.4 82.4
132 100.6 62.9 116.9
130 99.7 65.0 120.8



#37
1,2-Dichloropropane
Concen: 5.631 ug/L
RT: 6.693 min Scan# 1665
Delta R.T. -0.103 min
Lab File: VU0451188.D
Acq: 06 Oct 2021 16:14

Tgt Ion: 63 Resp: 15247
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#

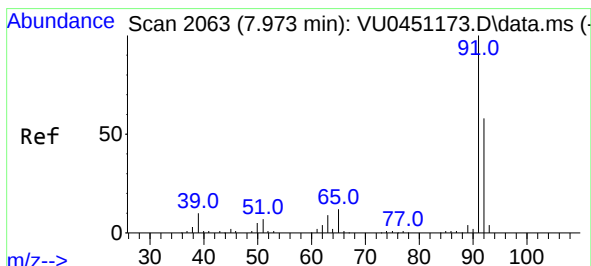
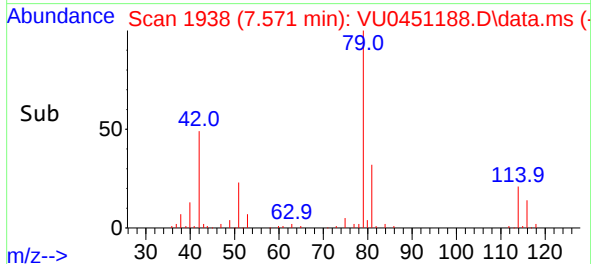
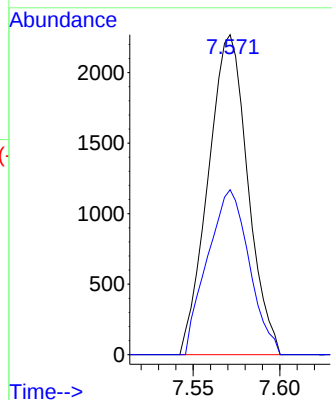
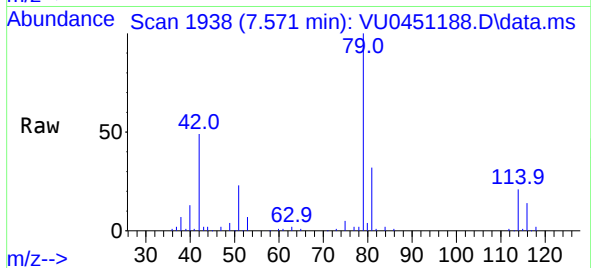




#39
 cis-1,3-Dichloropropene
 Concen: 0.932 ug/L
 RT: 7.571 min Scan# 1938
 Delta R.T. -0.042 min
 Lab File: VU0451188.D
 Acq: 06 Oct 2021 16:14

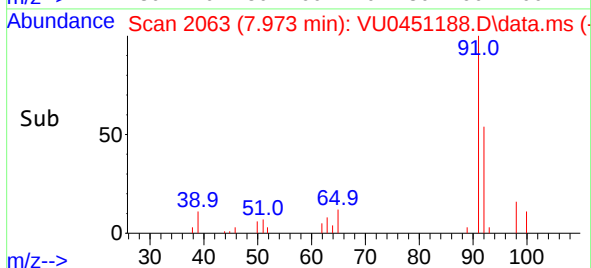
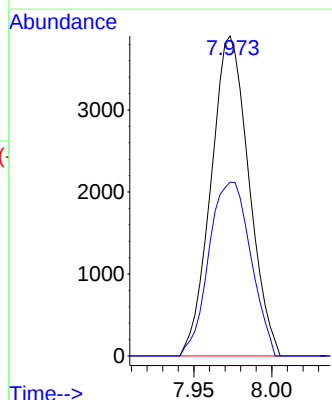
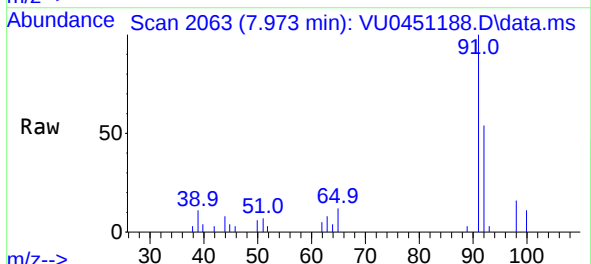
Instrument :
 MSVOA_U
 ClientSampled :

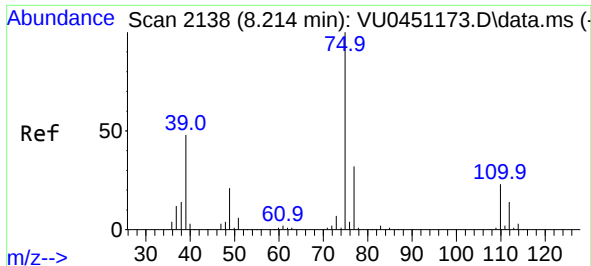
Tgt Ion: 75 Resp: 3612
 Ion Ratio Lower Upper
 75 100
 77 51.6 22.4 41.6#



#42
 Toluene
 Concen: 0.651 ug/L
 RT: 7.973 min Scan# 2063
 Delta R.T. 0.000 min
 Lab File: VU0451188.D
 Acq: 06 Oct 2021 16:14

Tgt Ion: 91 Resp: 6582
 Ion Ratio Lower Upper
 91 100
 92 54.3 40.5 75.1

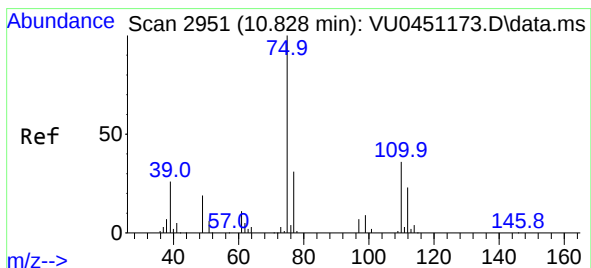
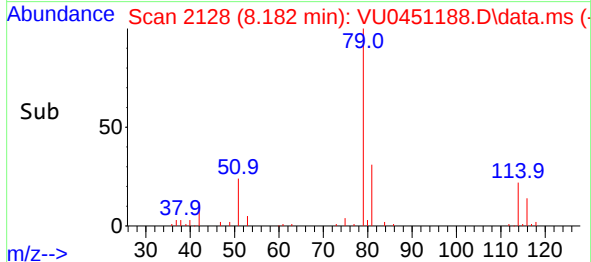
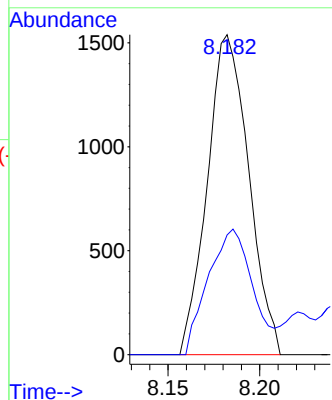
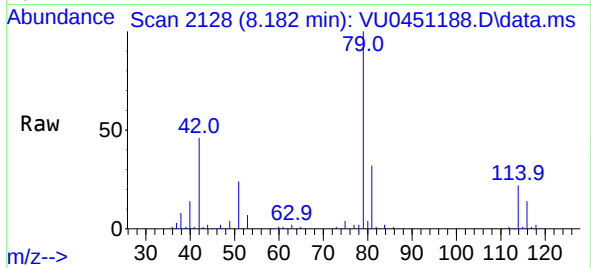




#44
trans-1,3-Dichloropropene
Concen: 0.657 ug/L
RT: 8.182 min Scan# 2128
Delta R.T. -0.032 min
Lab File: VU0451188.D
Acq: 06 Oct 2021 16:14

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion: 75 Resp: 2420
Ion Ratio Lower Upper
75 100
77 37.4 21.7 40.3



#60
1,2,3-Trichloropropane
Concen: 4.915 ug/L
RT: 11.815 min Scan# 3258
Delta R.T. 0.987 min
Lab File: VU0451188.D
Acq: 06 Oct 2021 16:14

Tgt Ion: 75 Resp: 15723
Ion Ratio Lower Upper
75 100
77 33.7 25.5 38.3
110 2.2 29.0 43.4#

