

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100621\
 Data File : VU0451182.D
 Acq On : 06 Oct 2021 13:51
 Operator : SY/MD
 Sample : M3996-12
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 07 03:02:07 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)

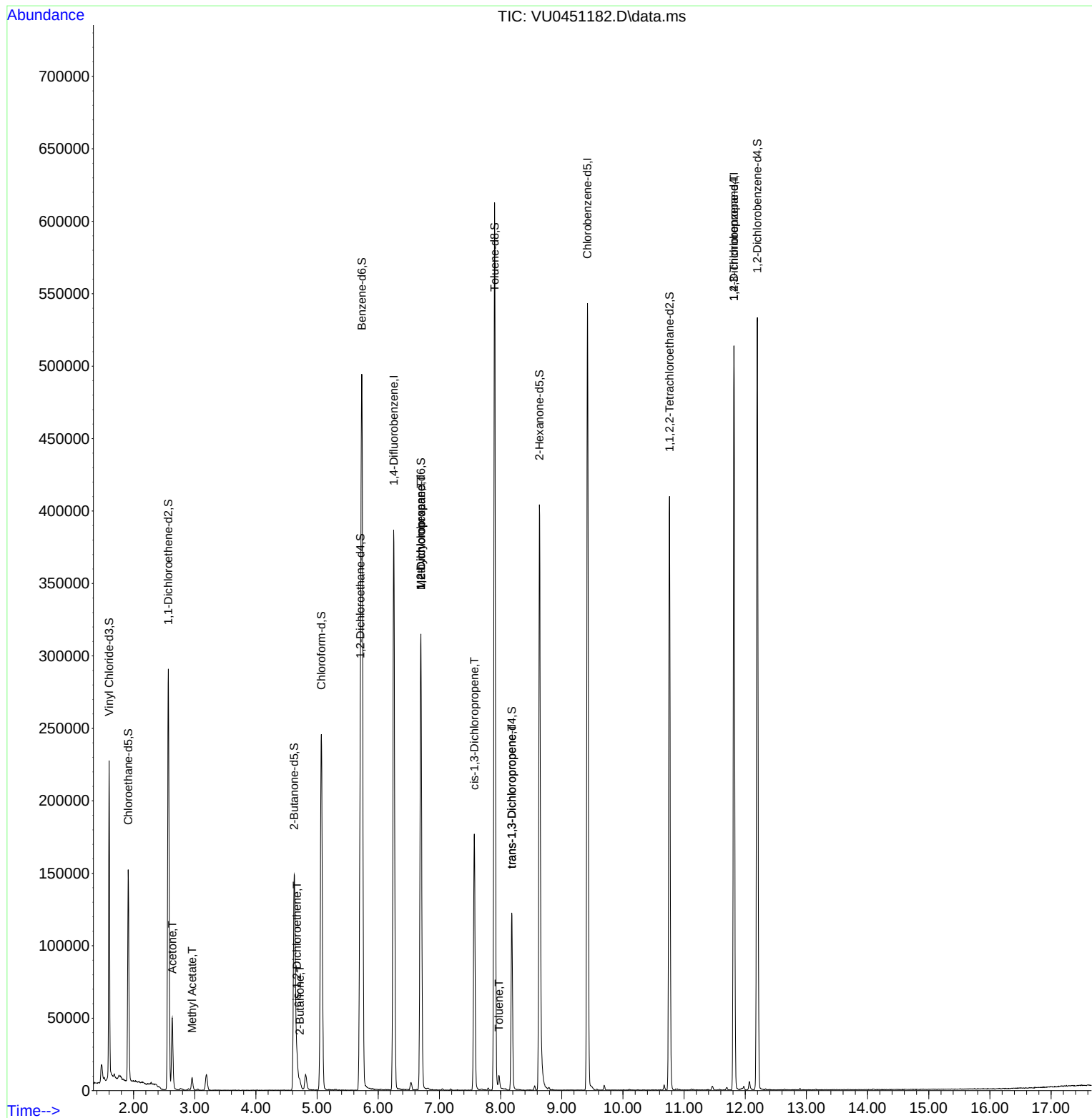
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	301025	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	284296	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	124525	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	141079	42.812	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.620%
7) Chloroethane-d5	1.912	69	111165	42.570	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.140%
11) 1,1-Dichloroethene-d2	2.568	63	174624	31.555	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.100%
21) 2-Butanone-d5	4.626	46	212451	81.548	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	81.550%
24) Chloroform-d	5.070	84	215067	41.322	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.640%
26) 1,2-Dichloroethane-d4	5.706	65	150772	42.767	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.540%
32) Benzene-d6	5.732	84	445872	45.197	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.400%
36) 1,2-Dichloropropane-d6	6.697	67	142855	44.411	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.820%
41) Toluene-d8	7.902	98	390189	45.833	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.660%
43) trans-1,3-Dichloroprop...	8.182	79	65597	45.845	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.680%
47) 2-Hexanone-d5	8.636	63	142264	79.809	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	79.810%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	202790	40.486	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	80.980%
66) 1,2-Dichlorobenzene-d4	12.198	152	131584	48.555	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.100%
Target Compounds						Qvalue
13) Acetone	2.633	43	53413	17.736	ug/L	99
15) Methyl Acetate	2.957	43	10417	2.805	ug/L	99
20) cis-1,2-Dichloroethene	4.671	96	7570	2.798	ug/L	88
22) 2-Butanone	4.716	43	7736	2.295	ug/L	95
35) Methylcyclohexane	6.697	83	33981	8.014	ug/L #	17
37) 1,2-Dichloropropane	6.697	63	15835	5.516	ug/L #	88
39) cis-1,3-Dichloropropene	7.571	75	4086	0.995	ug/L #	71
42) Toluene	7.973	91	5983	0.558	ug/L	100
44) trans-1,3-Dichloropropene	8.182	75	3103	0.794	ug/L	89
60) 1,2,3-Trichloropropane	11.815	75	16688	4.845	ug/L #	69

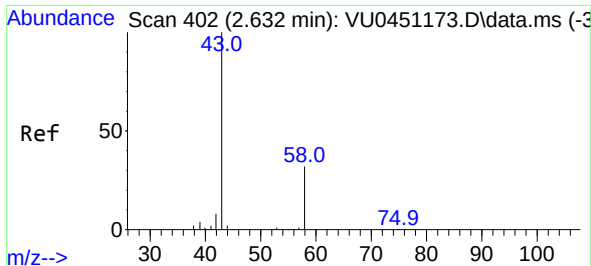
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

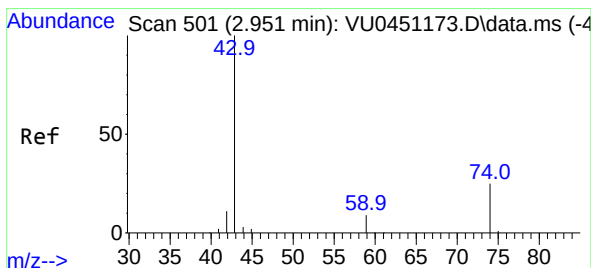
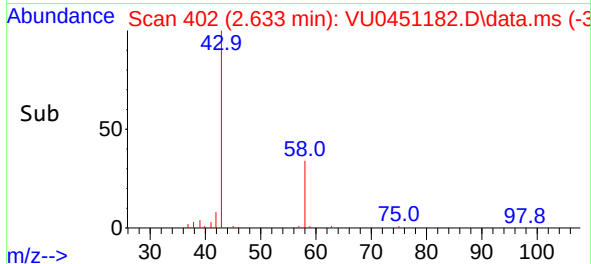
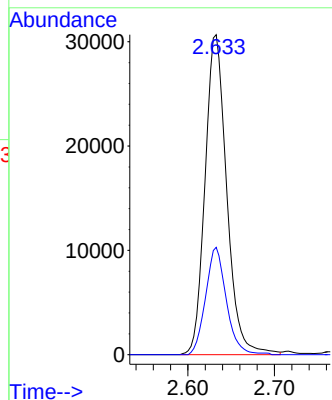
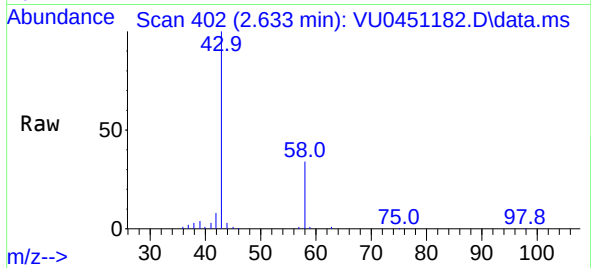




#13
Acetone
Concen: 17.736 ug/L
RT: 2.633 min Scan# 402
Delta R.T. 0.000 min
Lab File: VU0451182.D
Acq: 06 Oct 2021 13:51

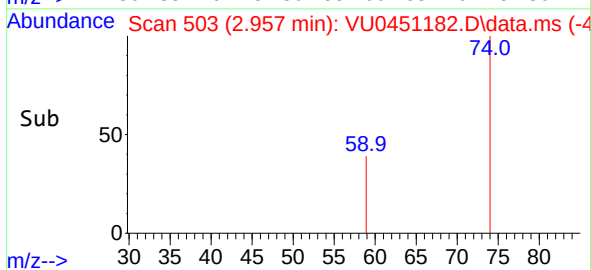
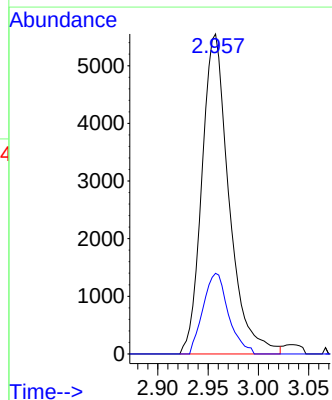
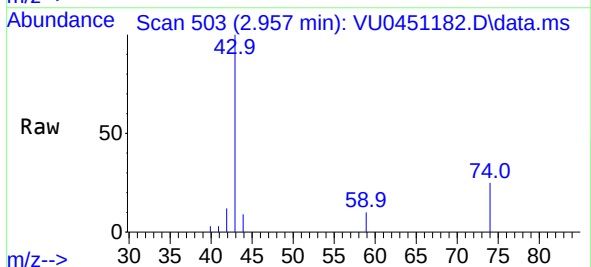
Instrument :
MSVOA_U
ClientSampled :

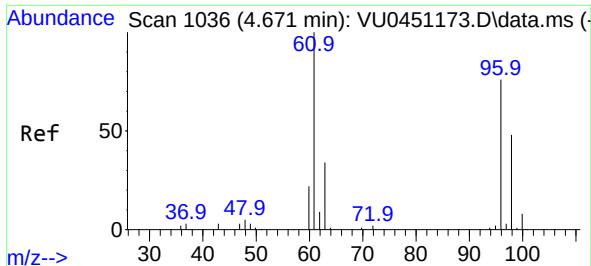
Tgt Ion: 43 Resp: 53413
Ion Ratio Lower Upper
43 100
58 31.9 0.0 62.8



#15
Methyl Acetate
Concen: 2.805 ug/L
RT: 2.957 min Scan# 503
Delta R.T. 0.006 min
Lab File: VU0451182.D
Acq: 06 Oct 2021 13:51

Tgt Ion: 43 Resp: 10417
Ion Ratio Lower Upper
43 100
74 23.4 18.4 27.6

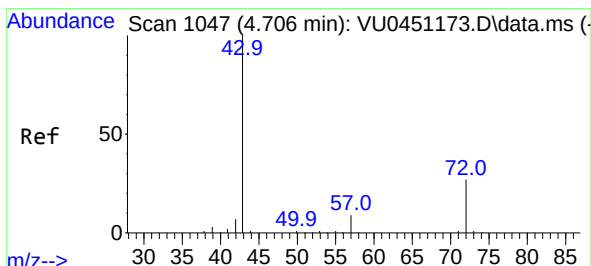
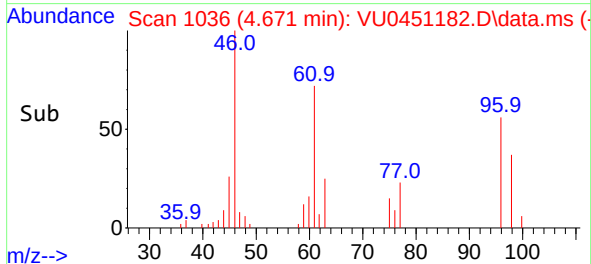
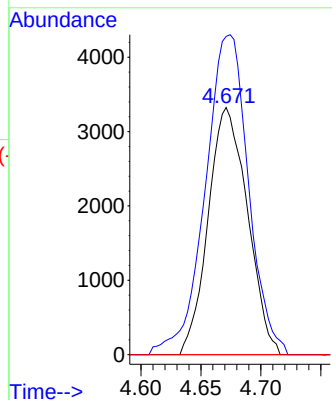
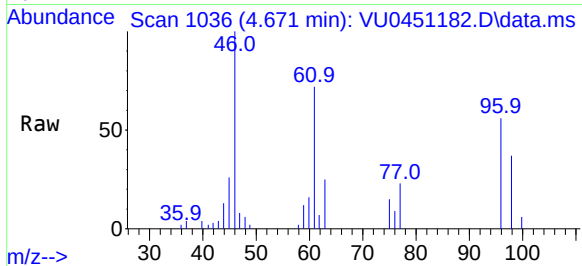




#20
 cis-1,2-Dichloroethene
 Concen: 2.798 ug/L
 RT: 4.671 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VU0451182.D
 Acq: 06 Oct 2021 13:51

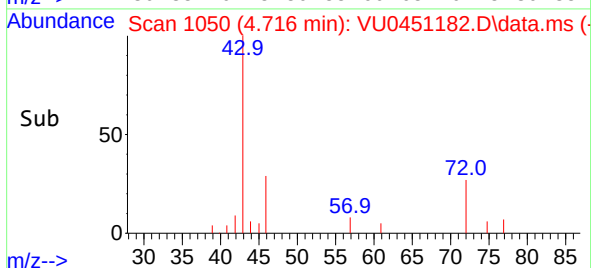
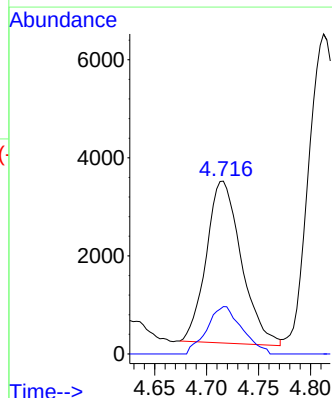
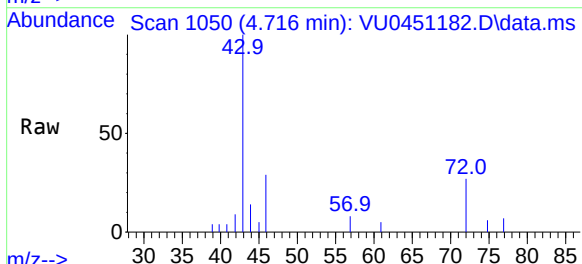
Instrument :
 MSVOA_U
 ClientSampled :

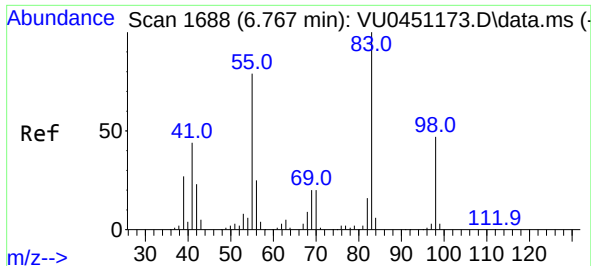
Tgt Ion: 96 Resp: 7570
 Ion Ratio Lower Upper
 96 100
 61 128.8 100.2 186.0
 68 0.0 0.0 0.0



#22
 2-Butanone
 Concen: 2.295 ug/L
 RT: 4.716 min Scan# 1050
 Delta R.T. 0.010 min
 Lab File: VU0451182.D
 Acq: 06 Oct 2021 13:51

Tgt Ion: 43 Resp: 7736
 Ion Ratio Lower Upper
 43 100
 72 29.2 13.3 39.9

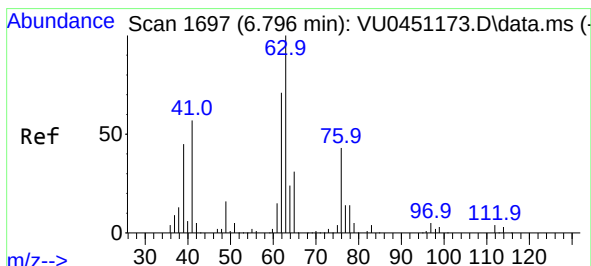
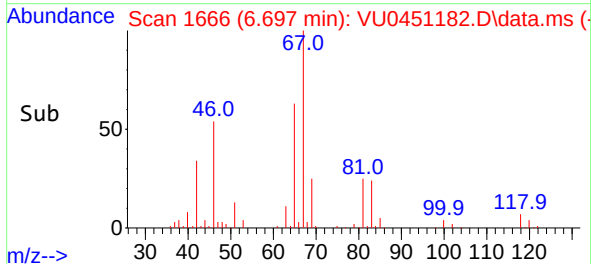
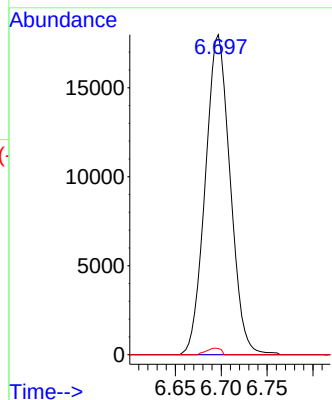
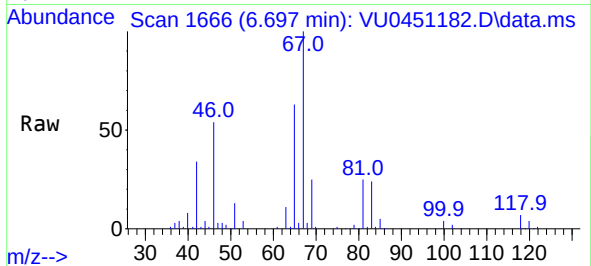




#35
Methylcyclohexane
Concen: 8.014 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.071 min
Lab File: VU0451182.D
Acq: 06 Oct 2021 13:51

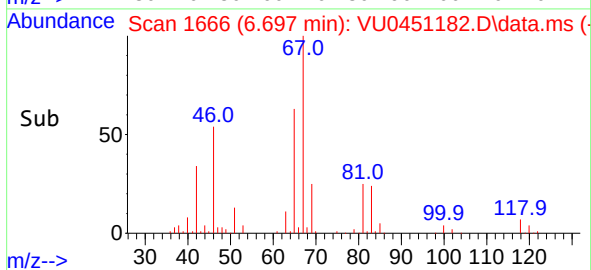
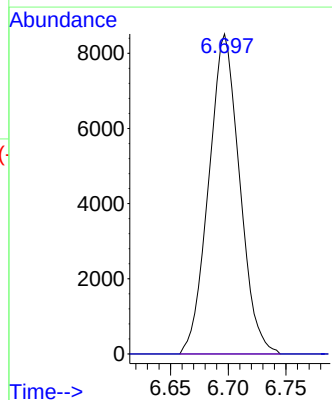
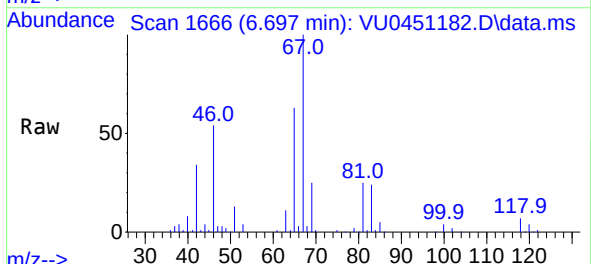
Instrument :
MSVOA_U
ClientSampled :

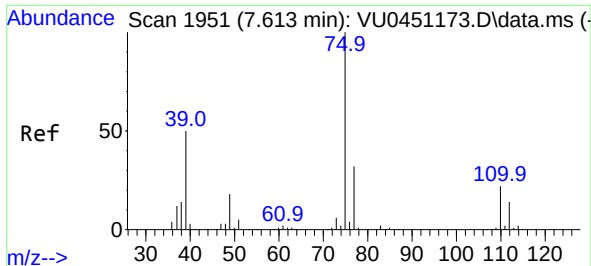
Tgt Ion: 83 Resp: 33981
Ion Ratio Lower Upper
83 100
55 0.0 65.8 98.6#
98 1.2 37.1 55.7#



#37
1,2-Dichloropropane
Concen: 5.516 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.100 min
Lab File: VU0451182.D
Acq: 06 Oct 2021 13:51

Tgt Ion: 63 Resp: 15835
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#

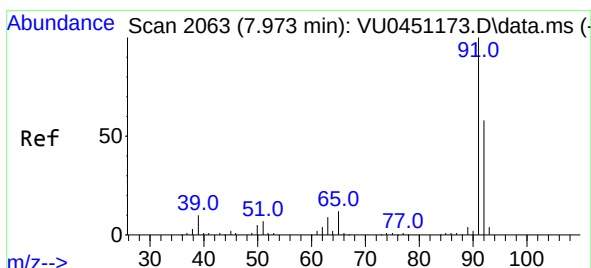
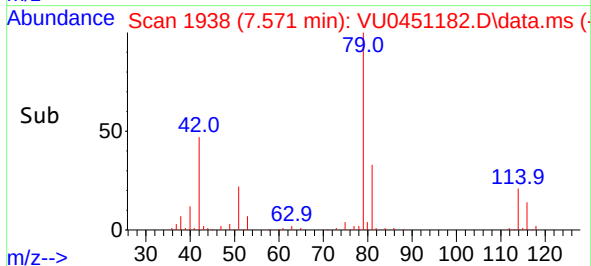
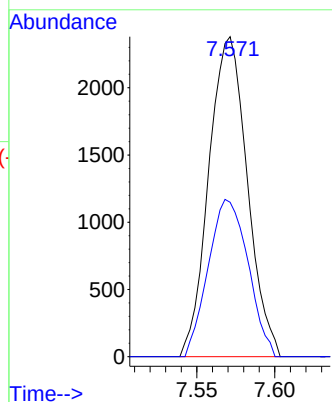
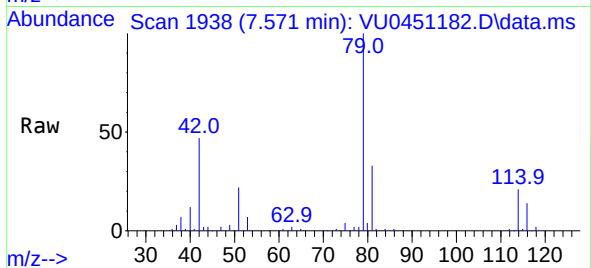




#39
 cis-1,3-Dichloropropene
 Concen: 0.995 ug/L
 RT: 7.571 min Scan# 1938
 Delta R.T. -0.042 min
 Lab File: VU0451182.D
 Acq: 06 Oct 2021 13:51

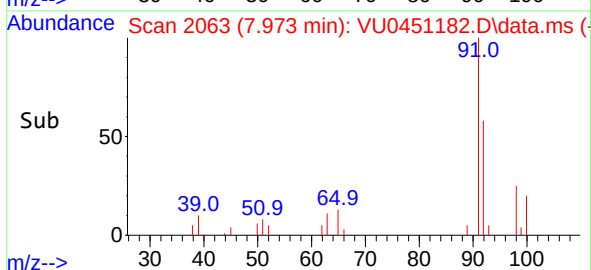
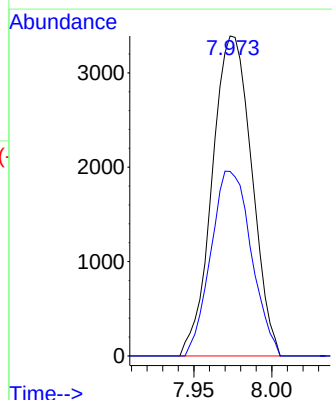
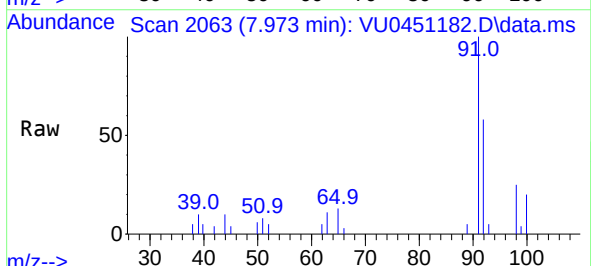
Instrument :
 MSVOA_U
 ClientSampled :

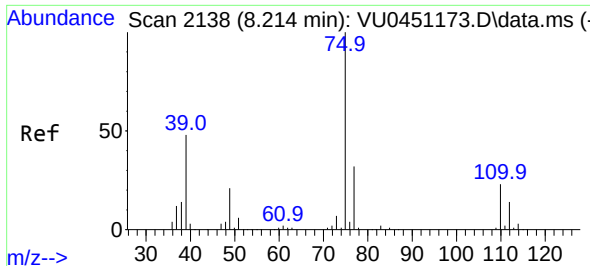
Tgt Ion: 75 Resp: 4086
 Ion Ratio Lower Upper
 75 100
 77 48.2 22.4 41.6#



#42
 Toluene
 Concen: 0.558 ug/L
 RT: 7.973 min Scan# 2063
 Delta R.T. 0.000 min
 Lab File: VU0451182.D
 Acq: 06 Oct 2021 13:51

Tgt Ion: 91 Resp: 5983
 Ion Ratio Lower Upper
 91 100
 92 57.7 40.5 75.1

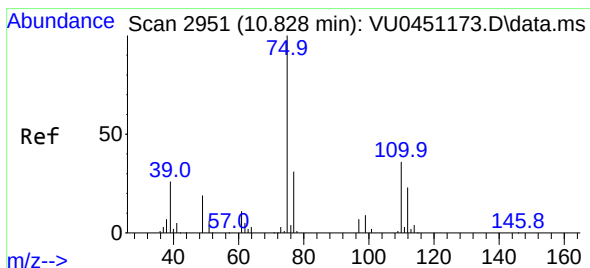
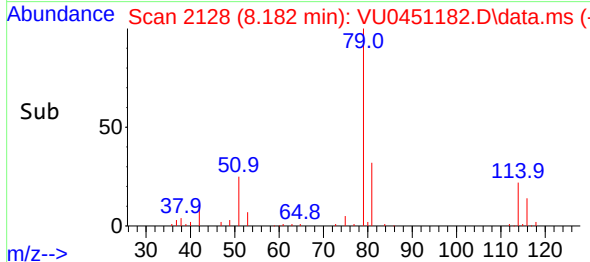
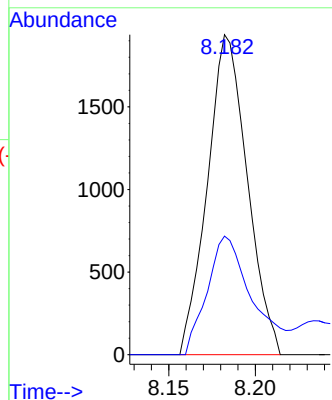
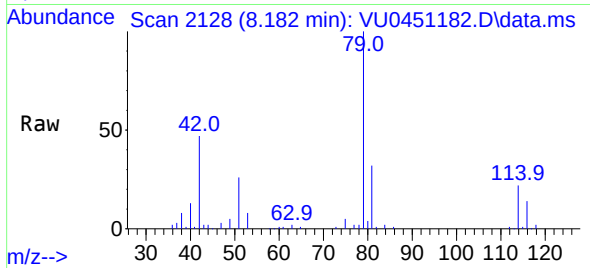




#44
trans-1,3-Dichloropropene
Concen: 0.794 ug/L
RT: 8.182 min Scan# 2128
Delta R.T. -0.032 min
Lab File: VU0451182.D
Acq: 06 Oct 2021 13:51

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 3103
Ion Ratio Lower Upper
75 100
77 37.1 21.7 40.3



#60
1,2,3-Trichloropropane
Concen: 4.845 ug/L
RT: 11.815 min Scan# 3258
Delta R.T. 0.987 min
Lab File: VU0451182.D
Acq: 06 Oct 2021 13:51

Tgt Ion: 75 Resp: 16688
Ion Ratio Lower Upper
75 100
77 32.7 25.5 38.3
110 2.3 29.0 43.4#

