

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092321\
 Data File : VU044782.D
 Acq On : 23 Sep 2021 14:17
 Operator : SY/MD
 Sample : M3873-03
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 24 05:37:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 24 05:26:38 2021
 Response via : Initial Calibration

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

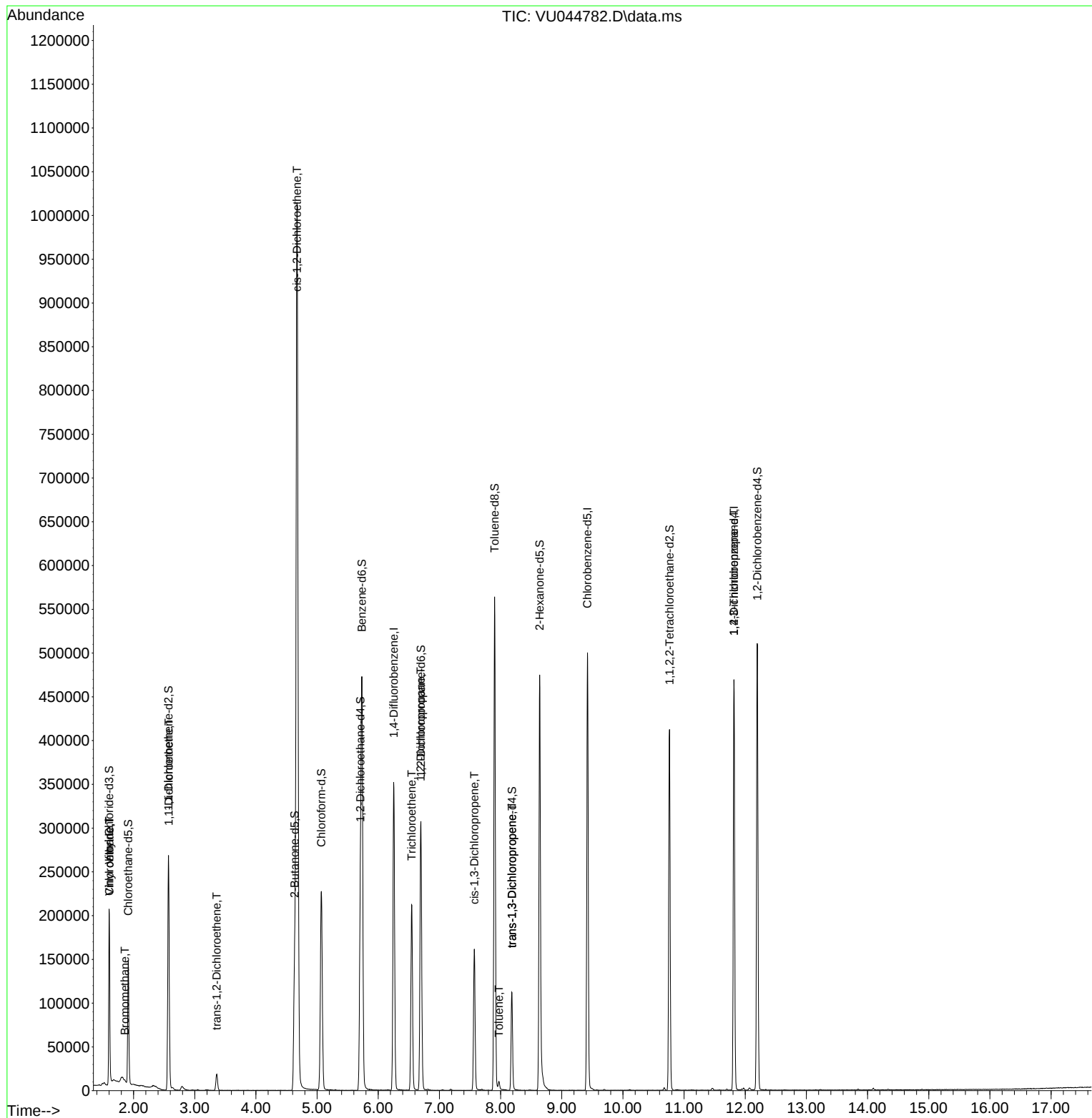
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	263674	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	259995	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	114673	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	126093	43.684	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	87.360%		
7) Chloroethane-d5	1.912	69	104067	45.497	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	91.000%		
11) 1,1-Dichloroethene-d2	2.572	63	161083	33.231	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	66.460%		
21) 2-Butanone-d5	4.633	46	242000	106.049	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	106.050%		
24) Chloroform-d	5.070	84	204892	44.944	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.880%		
26) 1,2-Dichloroethane-d4	5.707	65	147409	47.736	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.480%		
32) Benzene-d6	5.732	84	420346	46.593	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.180%		
36) 1,2-Dichloropropane-d6	6.697	67	140270	47.683	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	95.360%		
41) Toluene-d8	7.903	98	347851	44.679	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	89.360%		
43) trans-1,3-Dichloroprop...	8.185	79	59473	45.450	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	90.900%		
47) 2-Hexanone-d5	8.639	63	166958	102.416	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	102.420%		
56) 1,1,2,2-Tetrachloroeth...	10.761	84	203785	44.487	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	88.980%		
66) 1,2-Dichlorobenzene-d4	12.198	152	123300	49.407	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	98.820%		
Target Compounds						Qvalue
5) Vinyl chloride	1.607	62	18353	5.953	ug/L #	64
6) Bromomethane	1.858	94	823	0.557	ug/L	86
8) Chloroethane	1.607	64	11833	6.115	ug/L	88
12) 1,1-Dichloroethene	2.575	96	1832	0.897	ug/L #	1
17) trans-1,2-Dichloroethene	3.359	96	7212	3.353	ug/L	91
20) cis-1,2-Dichloroethene	4.671	96	492751	207.897	ug/L	98
34) Trichloroethene	6.546	95	71341	30.801	ug/L	98
37) 1,2-Dichloropropane	6.694	63	16017	6.101	ug/L #	88
39) cis-1,3-Dichloropropene	7.571	75	3758	1.000	ug/L #	67
42) Toluene	7.973	91	6147	0.627	ug/L	95
44) trans-1,3-Dichloropropene	8.185	75	2698	0.755	ug/L	86
60) 1,2,3-Trichloropropane	11.816	75	16145	5.090	ug/L #	69

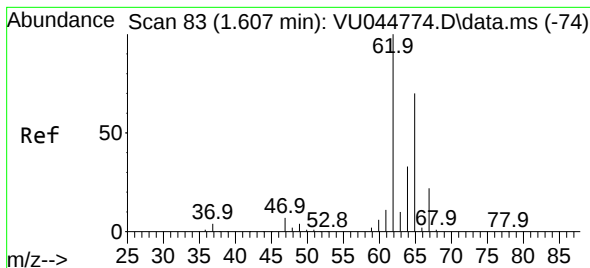
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis
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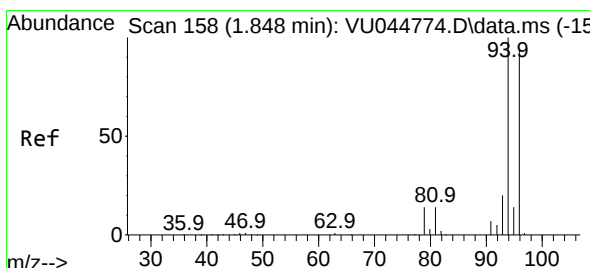
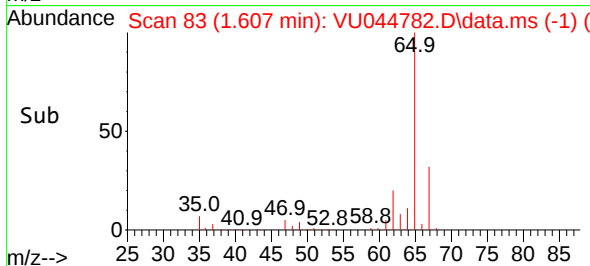
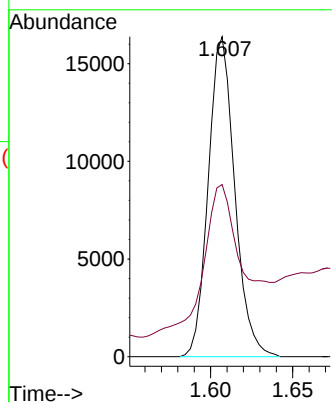
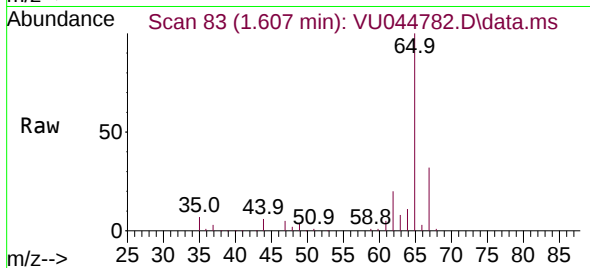




#5
 Vinyl chloride
 Concen: 5.953 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VU044782.D
 Acq: 23 Sep 2021 14:17

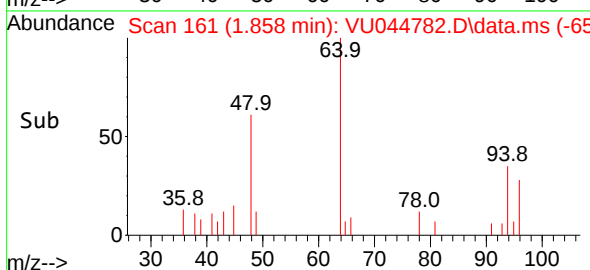
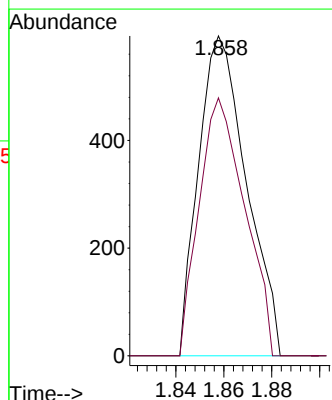
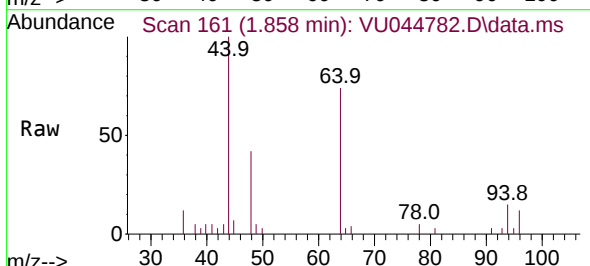
Instrument :
 MSVOA_U
 ClientSampled :

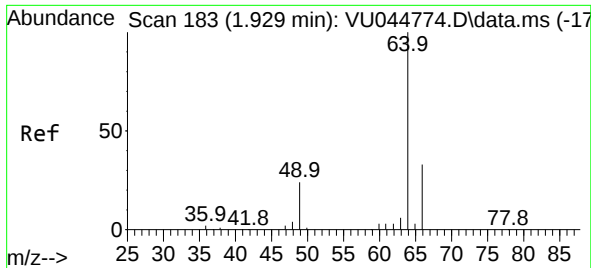
Tgt Ion: 62 Resp: 18353
 Ion Ratio Lower Upper
 62 100
 64 53.8 23.4 43.6#



#6
 Bromomethane
 Concen: 0.557 ug/L
 RT: 1.858 min Scan# 161
 Delta R.T. 0.010 min
 Lab File: VU044782.D
 Acq: 23 Sep 2021 14:17

Tgt Ion: 94 Resp: 823
 Ion Ratio Lower Upper
 94 100
 96 80.6 65.7 121.9

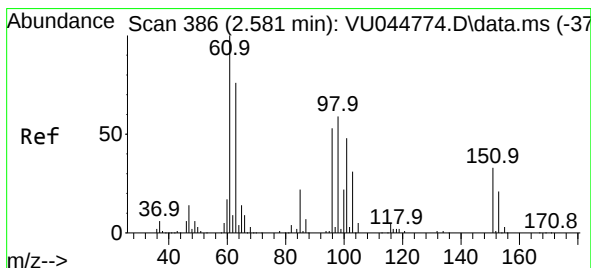
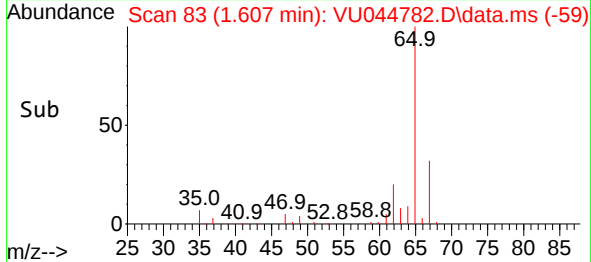
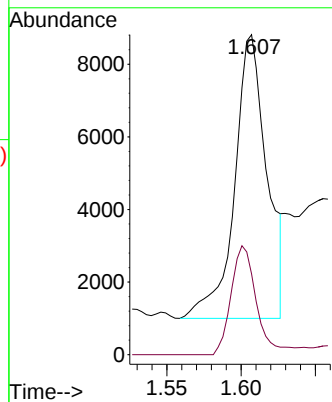
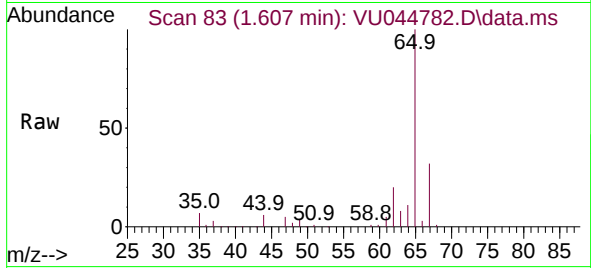




#8
Chloroethane
Concen: 6.115 ug/L
RT: 1.607 min Scan# 83
Delta R.T. -0.322 min
Lab File: VU044782.D
Acq: 23 Sep 2021 14:17

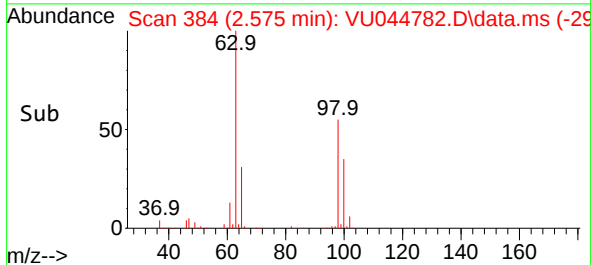
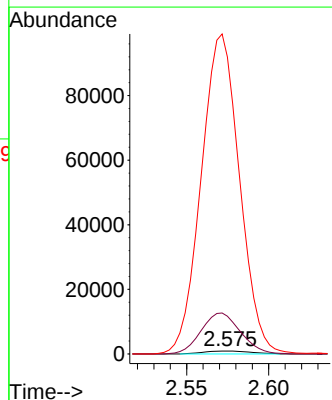
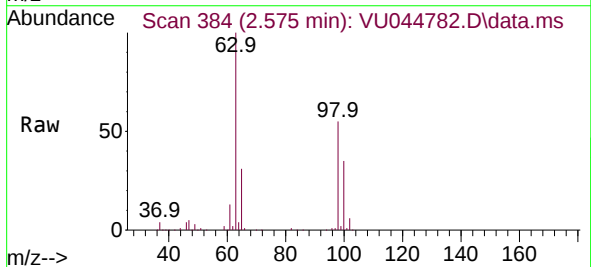
Instrument :
MSVOA_U
ClientSampled :

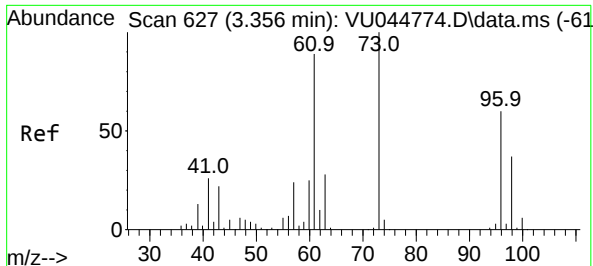
Tgt Ion: 64 Resp: 11833
Ion Ratio Lower Upper
64 100
66 25.3 22.3 41.3



#12
1,1-Dichloroethene
Concen: 0.897 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.006 min
Lab File: VU044782.D
Acq: 23 Sep 2021 14:17

Tgt Ion: 96 Resp: 1832
Ion Ratio Lower Upper
96 100
61 1271.2 131.3 243.9#
63 10013.9 102.5 190.3#



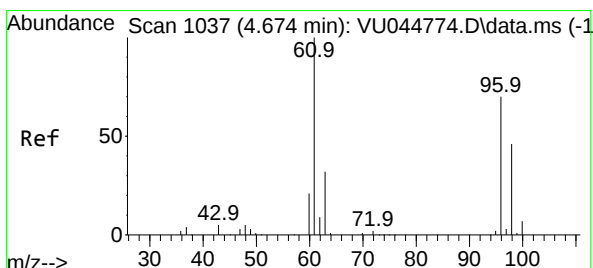
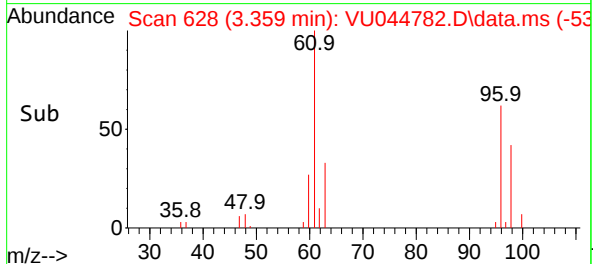
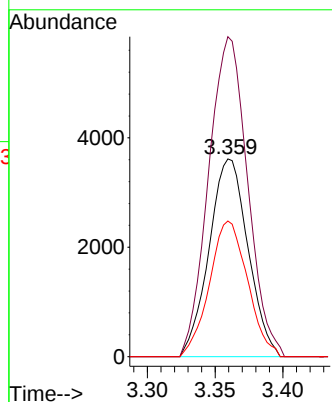
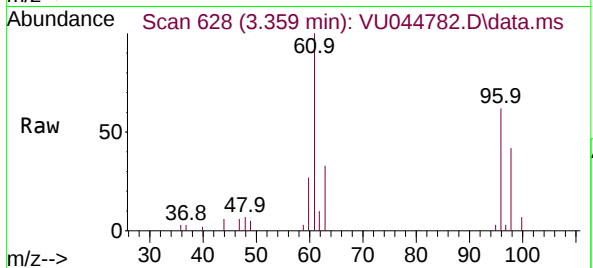


#17

trans-1,2-Dichloroethene
Concen: 3.353 ug/L
RT: 3.359 min Scan# 628
Delta R.T. 0.003 min
Lab File: VU044782.D
Acq: 23 Sep 2021 14:17

Instrument :
MSVOA_U
ClientSampled :

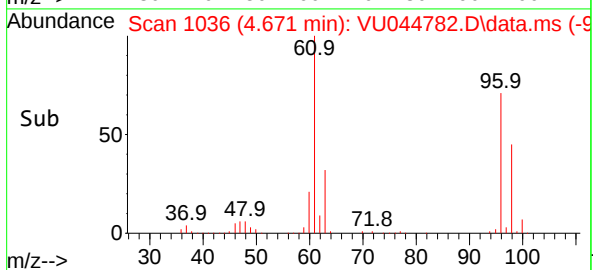
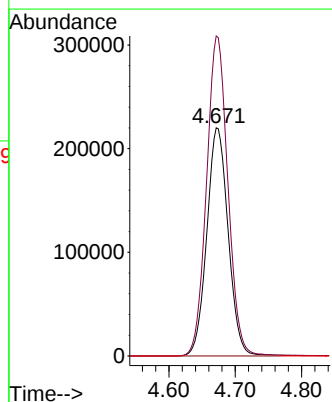
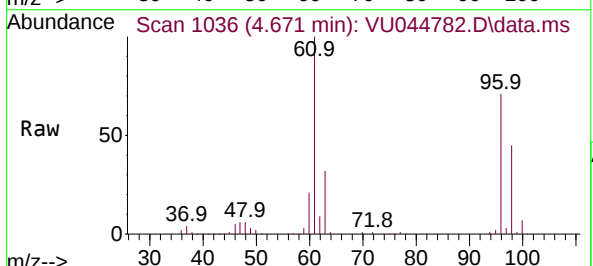
Tgt Ion: 96 Resp: 7212
Ion Ratio Lower Upper
96 100
61 161.8 105.1 195.3
98 68.6 43.0 79.8

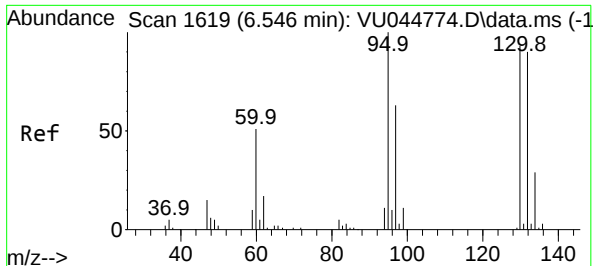


#20

cis-1,2-Dichloroethene
Concen: 207.897 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. -0.003 min
Lab File: VU044782.D
Acq: 23 Sep 2021 14:17

Tgt Ion: 96 Resp: 492751
Ion Ratio Lower Upper
96 100
61 140.3 100.2 186.0
68 0.0 0.0 0.0

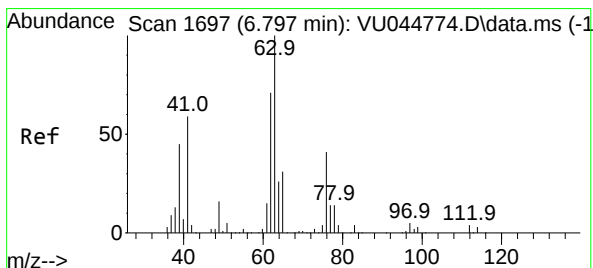
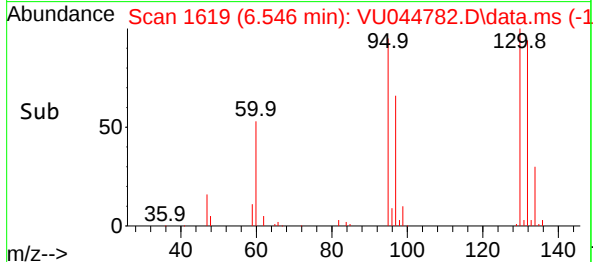
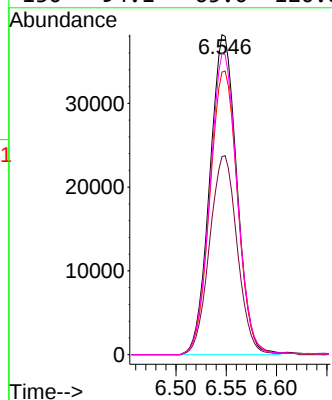
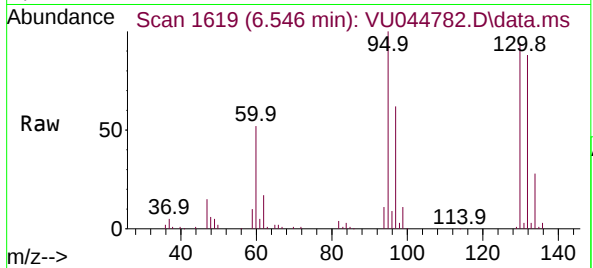




#34
Trichloroethene
Concen: 30.801 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU044782.D
Acq: 23 Sep 2021 14:17

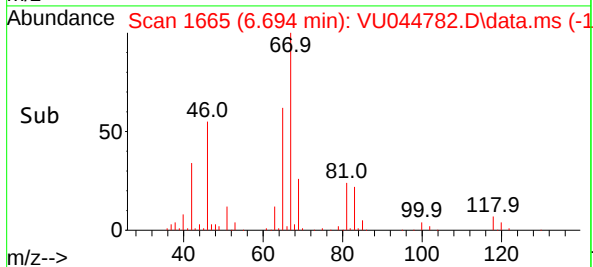
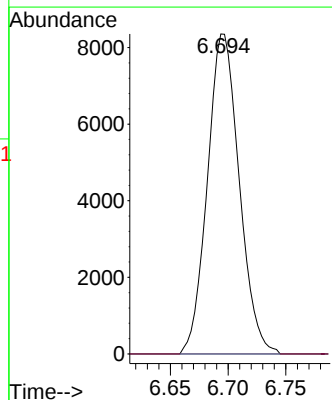
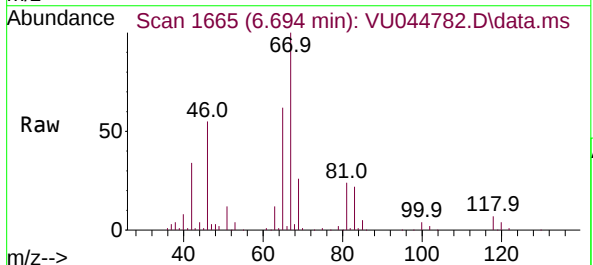
Instrument :
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ClientSampled :

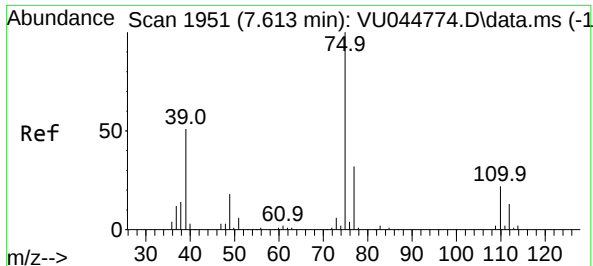
Tgt Ion: 95 Resp: 71341
Ion Ratio Lower Upper
95 100
97 61.9 44.4 82.4
132 88.3 62.9 116.9
130 94.1 65.0 120.8



#37
1,2-Dichloropropane
Concen: 6.101 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.103 min
Lab File: VU044782.D
Acq: 23 Sep 2021 14:17

Tgt Ion: 63 Resp: 16017
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#

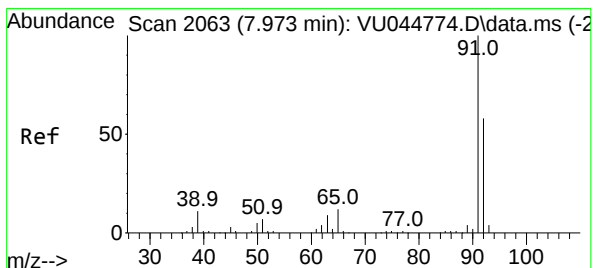
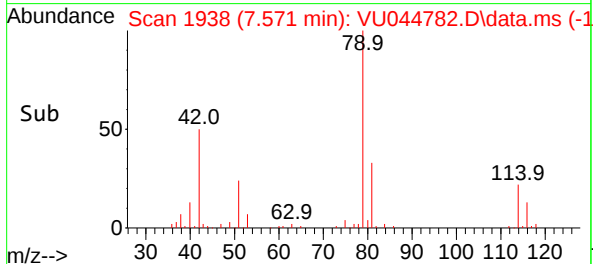
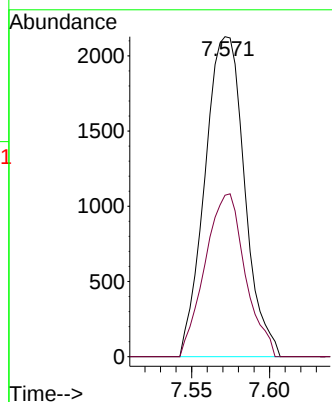
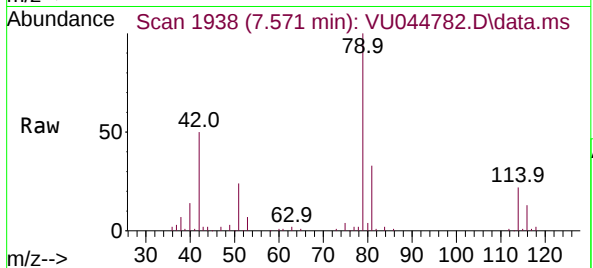




#39
 cis-1,3-Dichloropropene
 Concen: 1.000 ug/L
 RT: 7.571 min Scan# 1938
 Delta R.T. -0.042 min
 Lab File: VU044782.D
 Acq: 23 Sep 2021 14:17

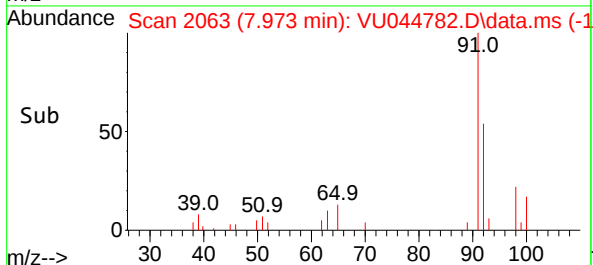
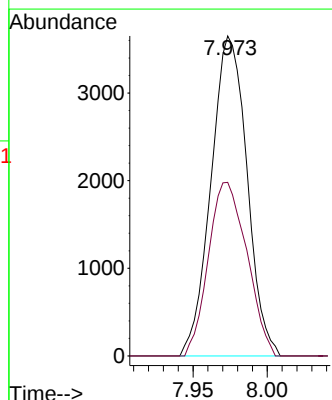
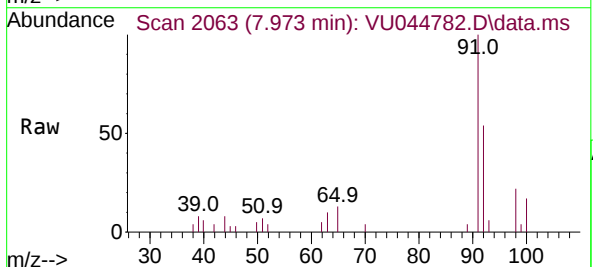
Instrument :
 MSVOA_U
 ClientSampled :

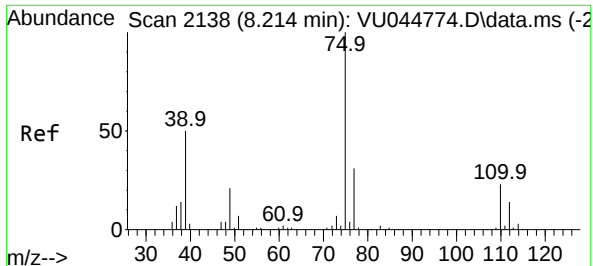
Tgt Ion: 75 Resp: 3758
 Ion Ratio Lower Upper
 75 100
 77 50.5 22.4 41.6#



#42
 Toluene
 Concen: 0.627 ug/L
 RT: 7.973 min Scan# 2063
 Delta R.T. -0.000 min
 Lab File: VU044782.D
 Acq: 23 Sep 2021 14:17

Tgt Ion: 91 Resp: 6147
 Ion Ratio Lower Upper
 91 100
 92 54.3 40.5 75.1

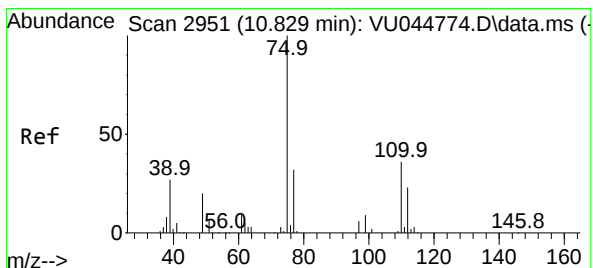
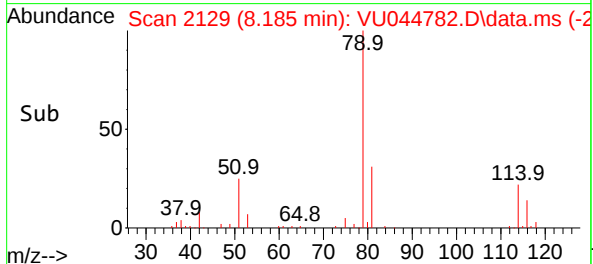
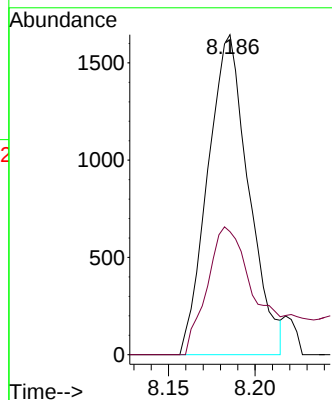
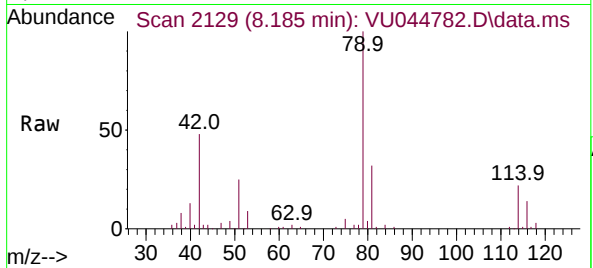




#44
trans-1,3-Dichloropropene
Concen: 0.755 ug/L
RT: 8.185 min Scan# 2129
Delta R.T. -0.029 min
Lab File: VU044782.D
Acq: 23 Sep 2021 14:17

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion: 75 Resp: 2698
Ion Ratio Lower Upper
75 100
77 38.5 21.7 40.3



#60
1,2,3-Trichloropropane
Concen: 5.090 ug/L
RT: 11.816 min Scan# 3258
Delta R.T. 0.987 min
Lab File: VU044782.D
Acq: 23 Sep 2021 14:17

Tgt Ion: 75 Resp: 16145
Ion Ratio Lower Upper
75 100
77 31.3 25.5 38.3
110 2.2 29.0 43.4#

