

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092321\
 Data File : VU044787.D
 Acq On : 23 Sep 2021 16:13
 Operator : SY/MD
 Sample : M3873-08
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 24 05:38:25 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)

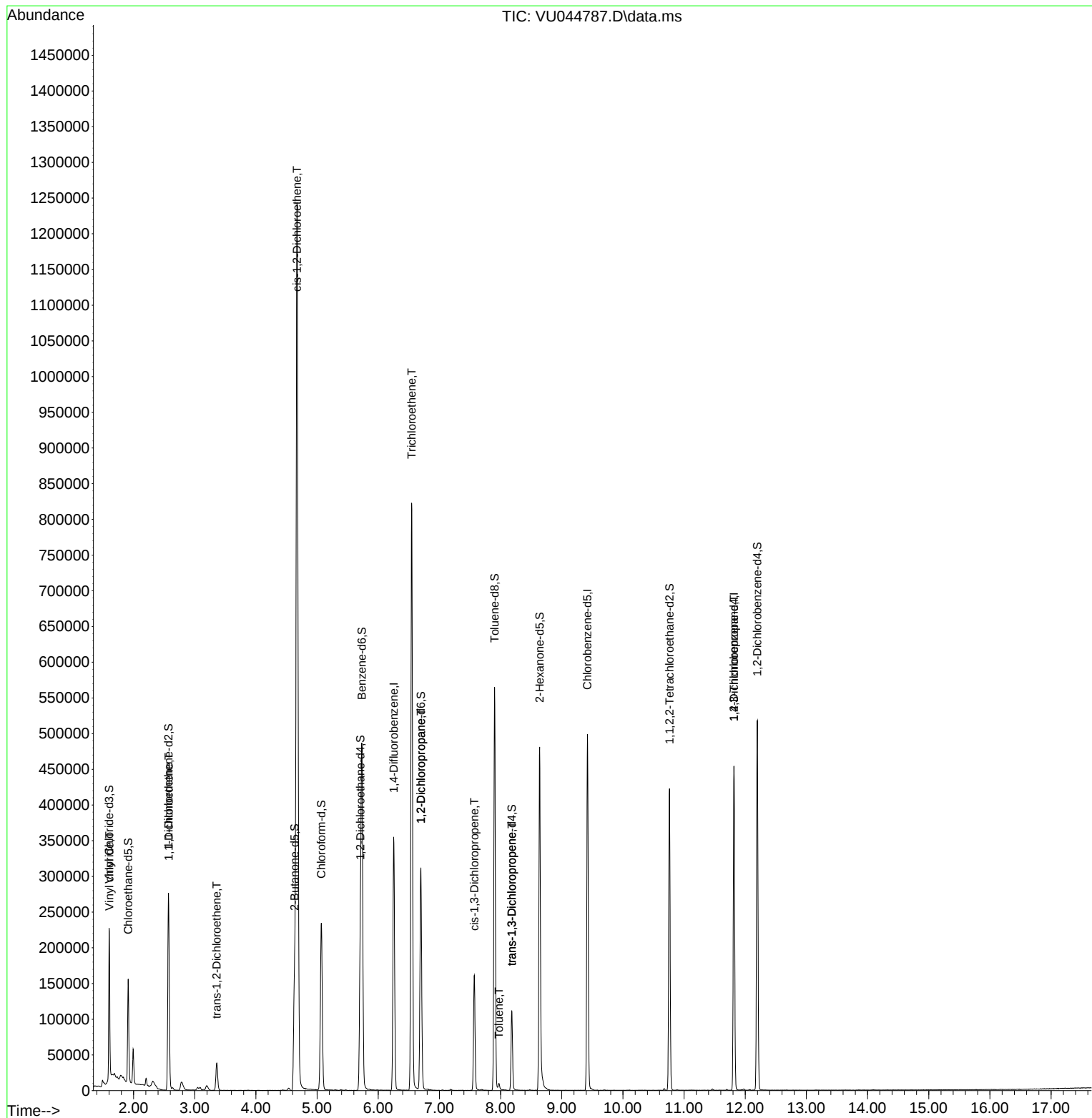
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	265437	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	260261	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	112947	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	133189	45.836	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	91.680%		
7) Chloroethane-d5	1.912	69	107097	46.511	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	93.020%		
11) 1,1-Dichloroethene-d2	2.572	63	168174	34.464	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	68.920%		
21) 2-Butanone-d5	4.633	46	238339	103.751	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	103.750%		
24) Chloroform-d	5.070	84	210000	45.758	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.520%		
26) 1,2-Dichloroethane-d4	5.706	65	146533	47.137	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.280%		
32) Benzene-d6	5.732	84	427993	47.392	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.780%		
36) 1,2-Dichloropropane-d6	6.697	67	141774	48.145	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	96.300%		
41) Toluene-d8	7.903	98	353300	45.332	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	90.660%		
43) trans-1,3-Dichloroprop...	8.182	79	59274	45.251	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	90.500%		
47) 2-Hexanone-d5	8.639	63	166399	101.969	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	101.970%		
56) 1,1,2,2-Tetrachloroeth...	10.761	84	207354	45.220	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	90.440%		
66) 1,2-Dichlorobenzene-d4	12.198	152	125165	50.921	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	101.840%		
Target Compounds						Qvalue
5) Vinyl chloride	1.607	62	8924	2.875	ug/L #	1
12) 1,1-Dichloroethene	2.575	96	2018	0.982	ug/L #	1
17) trans-1,2-Dichloroethene	3.359	96	12987	5.998	ug/L	98
20) cis-1,2-Dichloroethene	4.671	96	610658	255.932	ug/L	97
34) Trichloroethene	6.546	95	276361	119.196	ug/L	99
37) 1,2-Dichloropropane	6.697	63	15991	6.084	ug/L #	88
39) cis-1,3-Dichloropropene	7.571	75	3641	0.968	ug/L #	71
42) Toluene	7.973	91	5648	0.576	ug/L	96
44) trans-1,3-Dichloropropene	8.182	75	2574	0.720	ug/L #	81
60) 1,2,3-Trichloropropane	11.816	75	15282	4.892	ug/L #	67

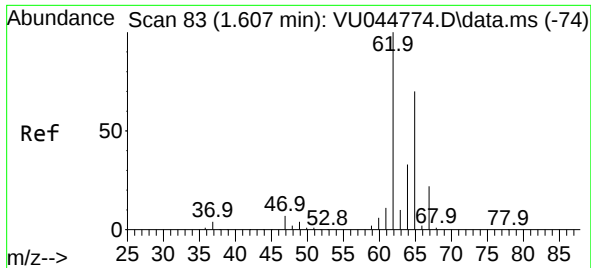
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

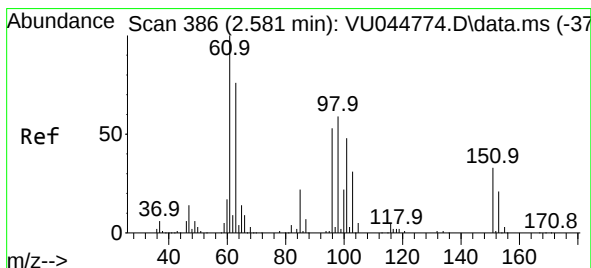
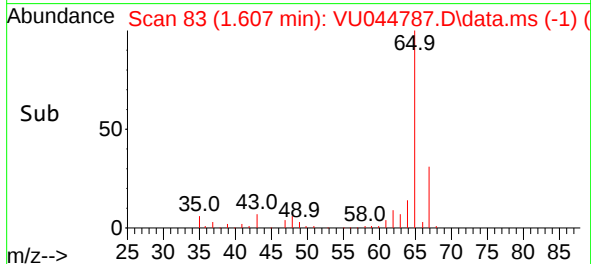
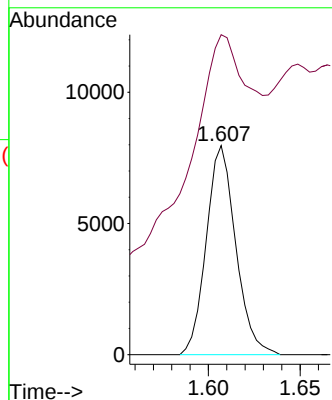
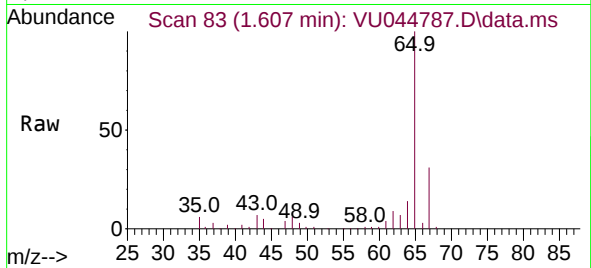




#5
 Vinyl chloride
 Concen: 2.875 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VU044787.D
 Acq: 23 Sep 2021 16:13

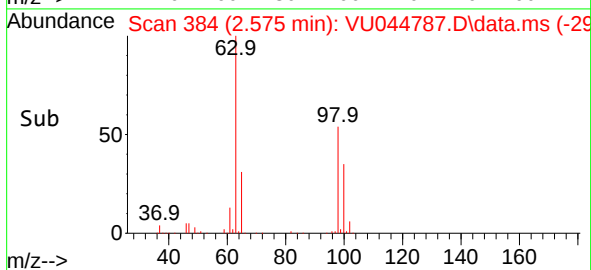
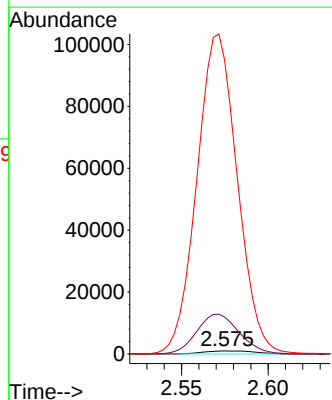
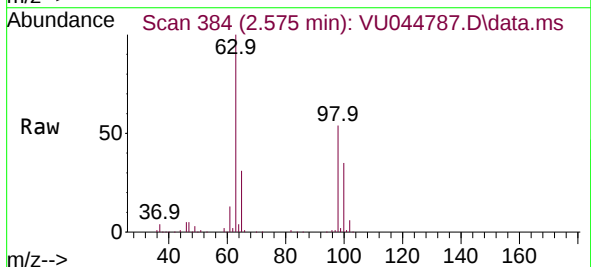
Instrument :
 MSVOA_U
 ClientSampled :

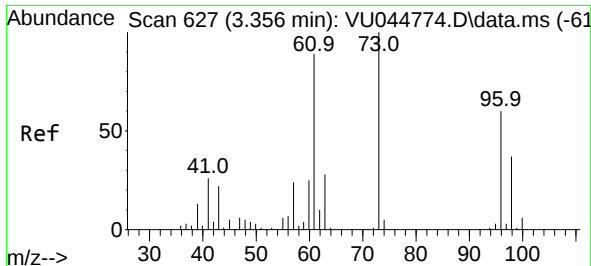
Tgt Ion: 62 Resp: 8924
 Ion Ratio Lower Upper
 62 100
 64 153.0 23.4 43.6#



#12
 1,1-Dichloroethene
 Concen: 0.982 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.007 min
 Lab File: VU044787.D
 Acq: 23 Sep 2021 16:13

Tgt Ion: 96 Resp: 2018
 Ion Ratio Lower Upper
 96 100
 61 1233.5 131.3 243.9#
 63 9835.8 102.5 190.3#

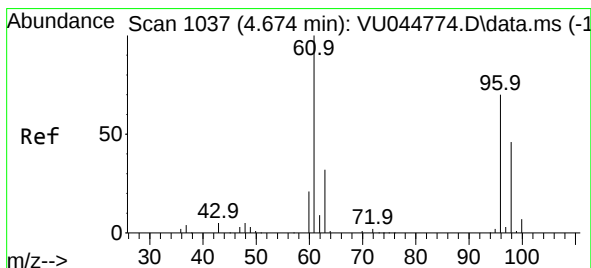
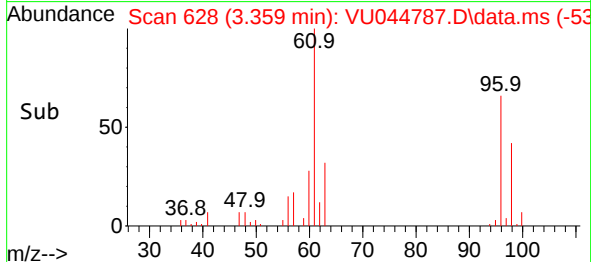
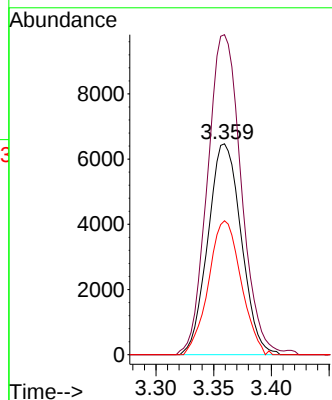
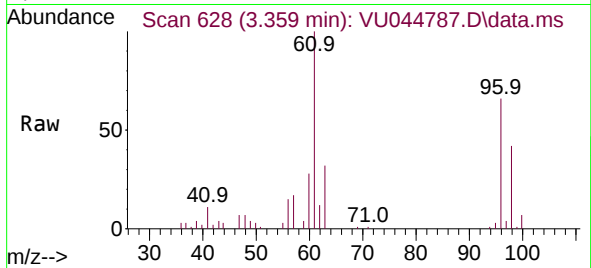




#17
trans-1,2-Dichloroethene
Concen: 5.998 ug/L
RT: 3.359 min Scan# 628
Delta R.T. 0.003 min
Lab File: VU044787.D
Acq: 23 Sep 2021 16:13

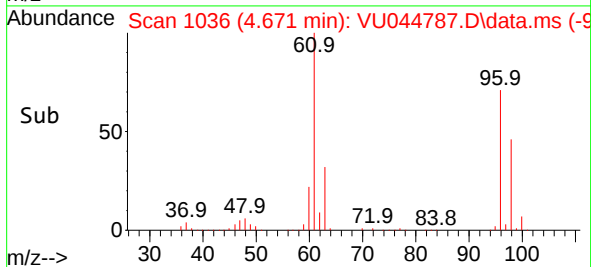
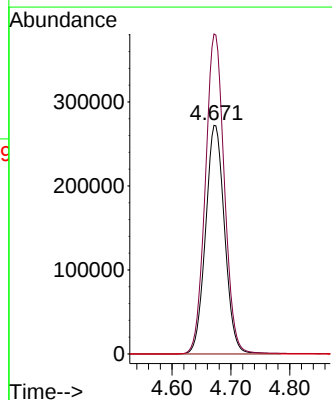
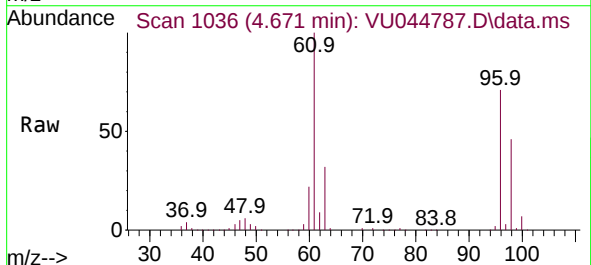
Instrument :
MSVOA_U
ClientSampled :

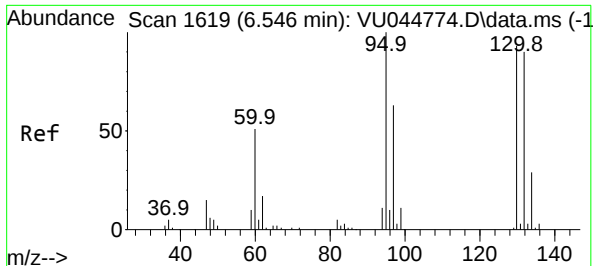
Tgt Ion: 96 Resp: 12987
Ion Ratio Lower Upper
96 100
61 151.7 105.1 195.3
98 63.5 43.0 79.8



#20
cis-1,2-Dichloroethene
Concen: 255.932 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. -0.003 min
Lab File: VU044787.D
Acq: 23 Sep 2021 16:13

Tgt Ion: 96 Resp: 610658
Ion Ratio Lower Upper
96 100
61 140.0 100.2 186.0
68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 119.196 ug/L

RT: 6.546 min Scan# 1619

Delta R.T. -0.000 min

Lab File: VU044787.D

Acq: 23 Sep 2021 16:13

Tgt Ion: 95 Resp: 276361

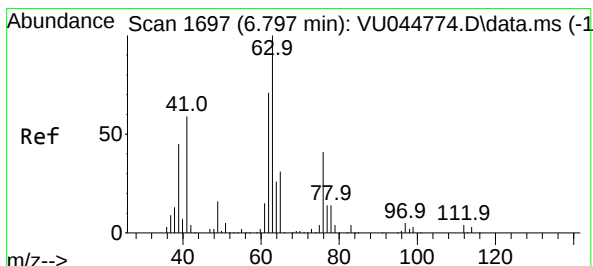
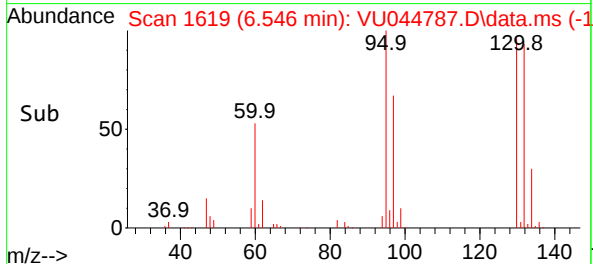
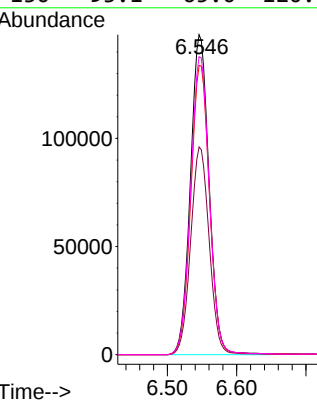
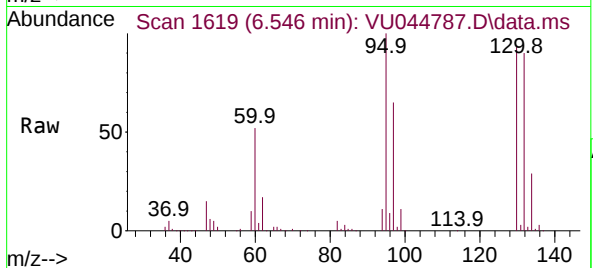
Ion Ratio Lower Upper

95 100

97 64.9 44.4 82.4

132 90.4 62.9 116.9

130 93.1 65.0 120.8



#37

1,2-Dichloropropane

Concen: 6.084 ug/L

RT: 6.697 min Scan# 1666

Delta R.T. -0.100 min

Lab File: VU044787.D

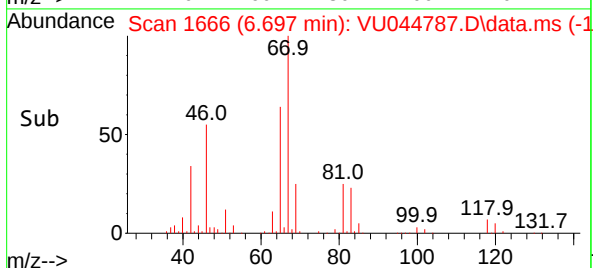
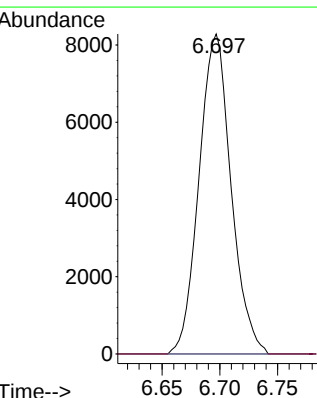
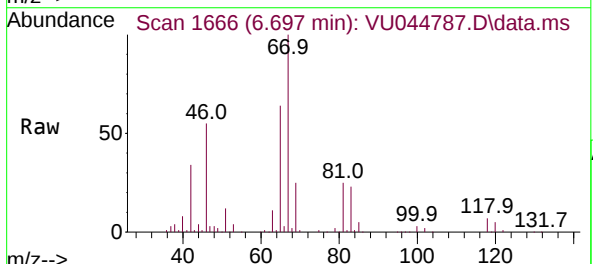
Acq: 23 Sep 2021 16:13

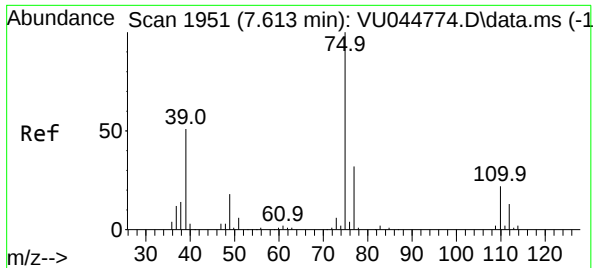
Tgt Ion: 63 Resp: 15991

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#

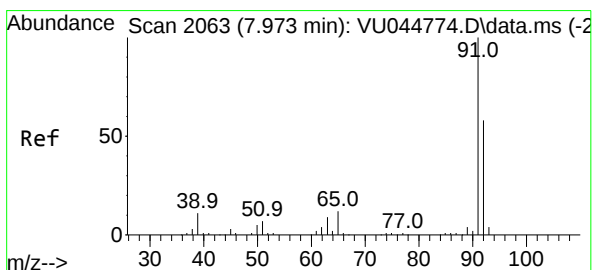
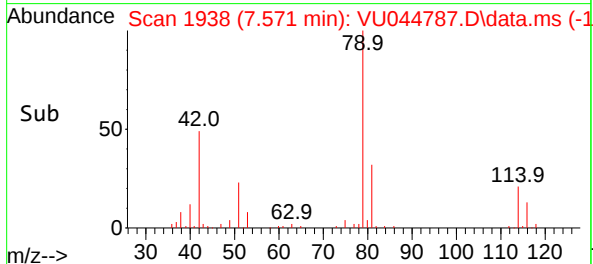
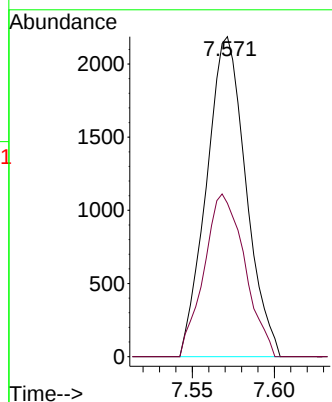
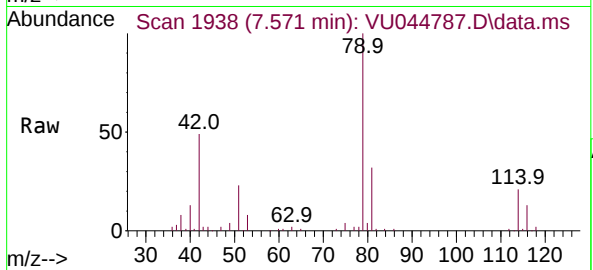




#39
 cis-1,3-Dichloropropene
 Concen: 0.968 ug/L
 RT: 7.571 min Scan# 1938
 Delta R.T. -0.042 min
 Lab File: VU044787.D
 Acq: 23 Sep 2021 16:13

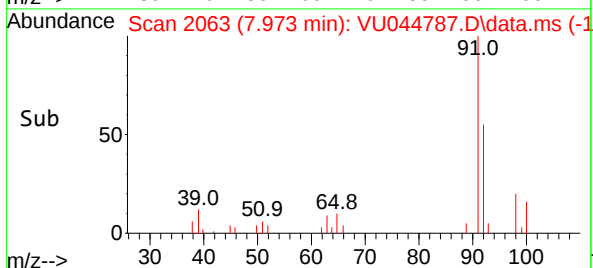
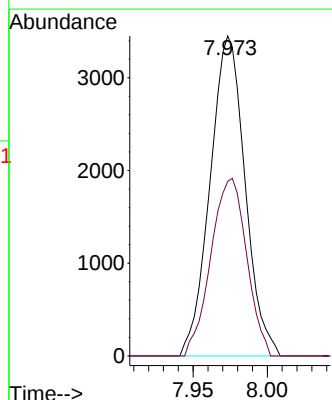
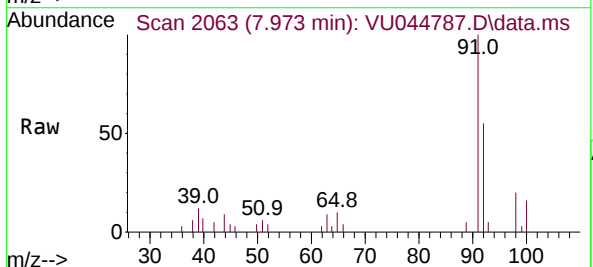
Instrument :
 MSVOA_U
 ClientSampled :

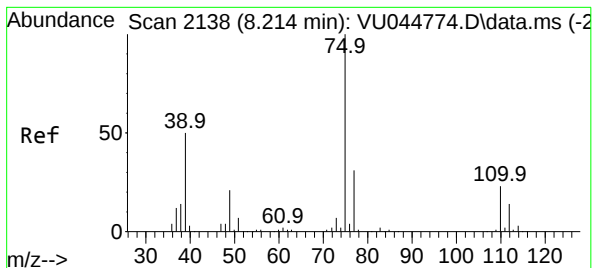
Tgt Ion: 75 Resp: 3641
 Ion Ratio Lower Upper
 75 100
 77 48.0 22.4 41.6#



#42
 Toluene
 Concen: 0.576 ug/L
 RT: 7.973 min Scan# 2063
 Delta R.T. -0.000 min
 Lab File: VU044787.D
 Acq: 23 Sep 2021 16:13

Tgt Ion: 91 Resp: 5648
 Ion Ratio Lower Upper
 91 100
 92 54.5 40.5 75.1



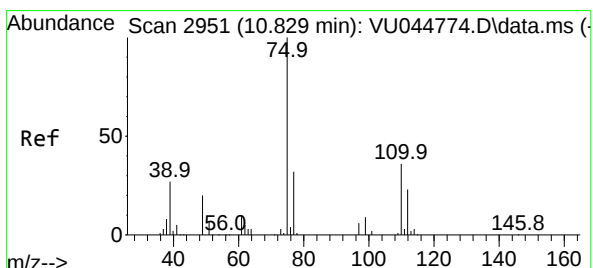
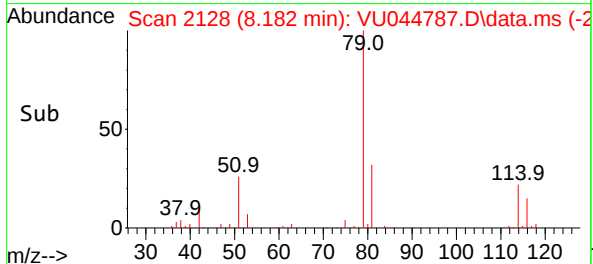
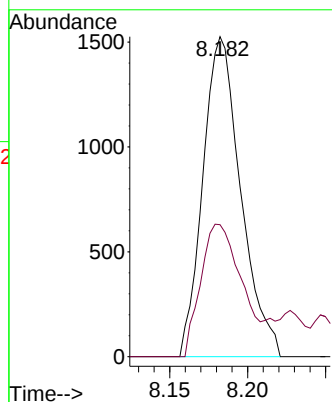
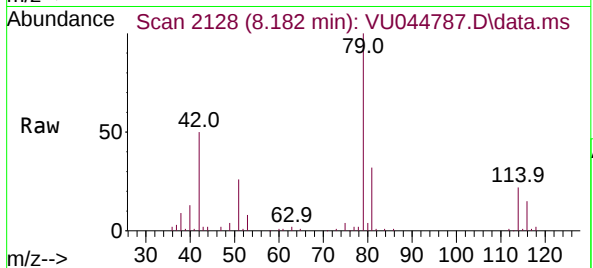


#44

trans-1,3-Dichloropropene
Concen: 0.720 ug/L
RT: 8.182 min Scan# 2128
Delta R.T. -0.032 min
Lab File: VU044787.D
Acq: 23 Sep 2021 16:13

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion: 75 Resp: 2574
Ion Ratio Lower Upper
75 100
77 41.2 21.7 40.3#



#60

1,2,3-Trichloropropane
Concen: 4.892 ug/L
RT: 11.816 min Scan# 3258
Delta R.T. 0.987 min
Lab File: VU044787.D
Acq: 23 Sep 2021 16:13

Tgt Ion: 75 Resp: 15282
Ion Ratio Lower Upper
75 100
77 33.7 25.5 38.3
110 1.2 29.0 43.4#

