

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121021\
 Data File : VU046260.D
 Acq On : 10 Dec 2021 12:52
 Operator : SY/MD
 Sample : PB141289TB
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 10 22:23:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 03 05:08:36 2021
 Response via : Initial Calibration

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

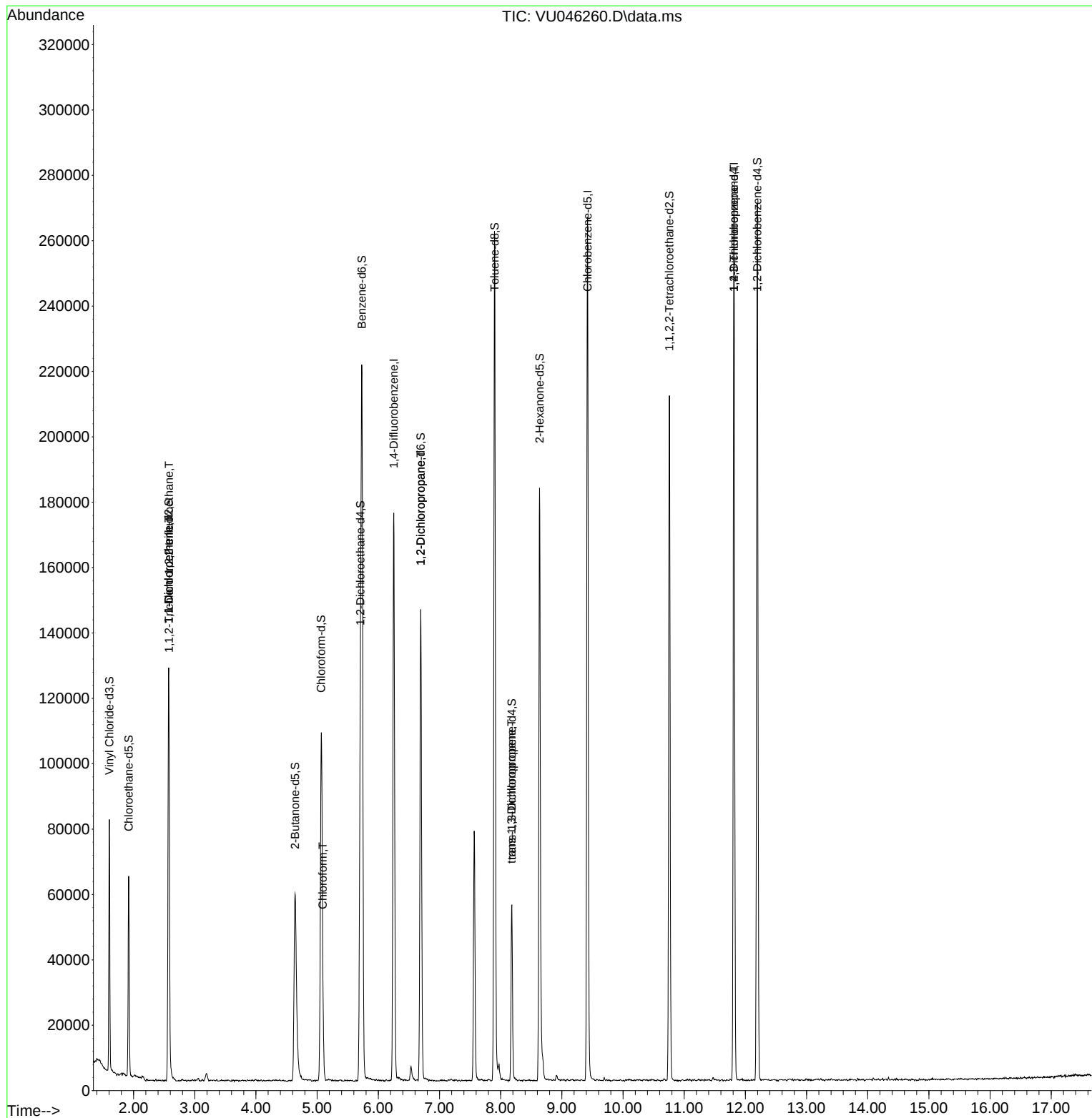
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	140891	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	151047	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	71092	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	53505	46.102	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	92.200%		
7) Chloroethane-d5	1.919	69	43457	48.768	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	97.540%		
11) 1,1-Dichloroethene-d2	2.575	63	74443	35.730	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	71.460%		
21) 2-Butanone-d5	4.639	46	96730	104.844	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	104.840%		
24) Chloroform-d	5.067	84	97611	50.364	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	100.720%		
26) 1,2-Dichloroethane-d4	5.707	65	71292	54.811	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	109.620%		
32) Benzene-d6	5.732	84	206804	47.769	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.540%		
36) 1,2-Dichloropropane-d6	6.694	67	67395	50.230	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	100.460%		
41) Toluene-d8	7.903	98	176479	44.771	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	89.540%		
43) trans-1,3-Dichloroprop...	8.182	79	30815	47.577	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	95.160%		
47) 2-Hexanone-d5	8.636	63	65314	102.670	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	102.670%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	104493	51.354	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	102.700%		
66) 1,2-Dichlorobenzene-d4	12.195	152	70813	51.722	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	103.440%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	692	0.675	ug/L #	21
12) 1,1-Dichloroethene	2.575	96	609	0.625	ug/L #	1
25) Chloroform	5.092	83	11834	5.682	ug/L	96
37) 1,2-Dichloropropane	6.694	63	7330	6.121	ug/L #	86
44) trans-1,3-Dichloropropene	8.179	75	1296	0.724	ug/L #	72
60) 1,2,3-Trichloropropane	11.812	75	8598	5.517	ug/L #	65

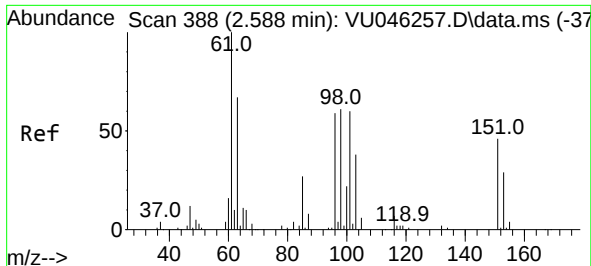
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.675 ug/L

RT: 2.578 min Scan# 385

Delta R.T. -0.010 min

Lab File: VU046260.D

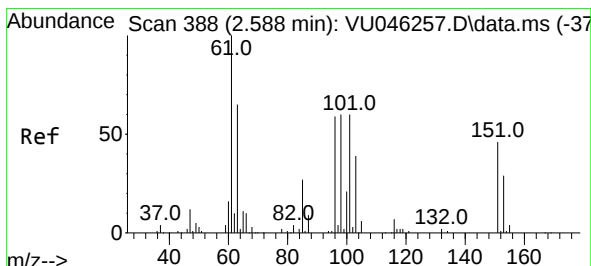
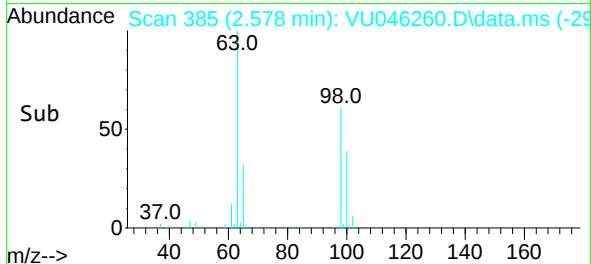
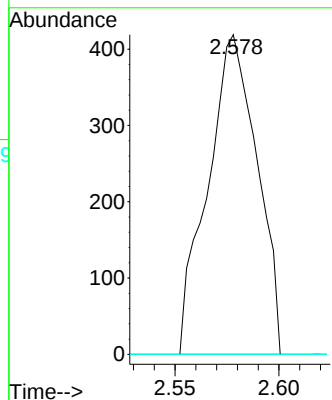
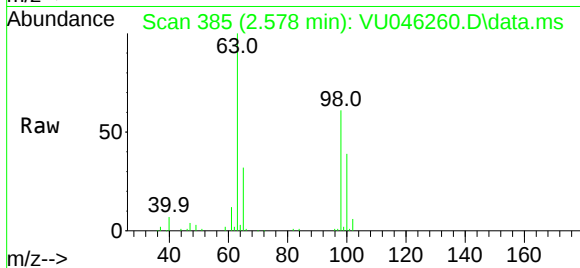
Acq: 10 Dec 2021 12:52

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	101	Resp:	692
Ion	Ratio	Lower	Upper
101	100		
85	0.0	35.1	52.7#
151	0.0	56.7	85.1#



#12

1,1-Dichloroethene

Concen: 0.625 ug/L

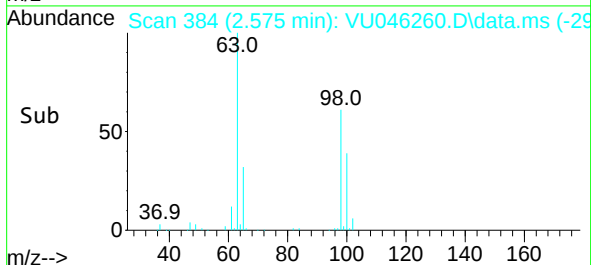
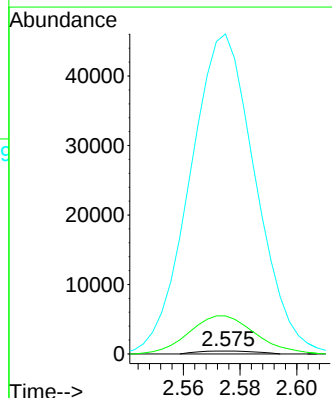
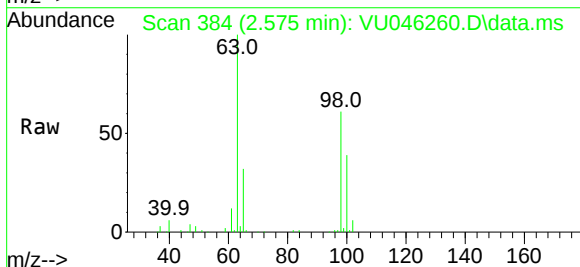
RT: 2.575 min Scan# 384

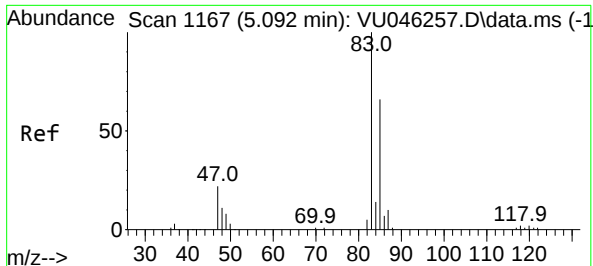
Delta R.T. -0.010 min

Lab File: VU046260.D

Acq: 10 Dec 2021 12:52

Tgt Ion:	96	Resp:	609
Ion	Ratio	Lower	Upper
96	100		
61	1303.3	118.6	220.2#
63	10939.7	93.0	172.8#





#25

Chloroform

Concen: 5.682 ug/L

RT: 5.092 min Scan# 1167

Delta R.T. 0.000 min

Lab File: VU046260.D

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Instrument :

MSVOA_U

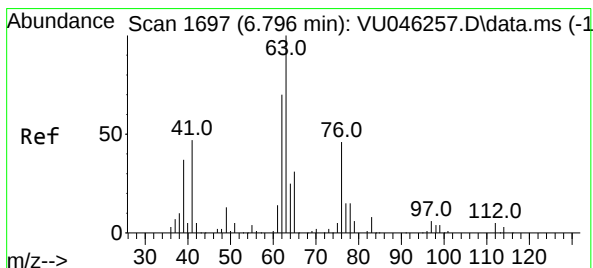
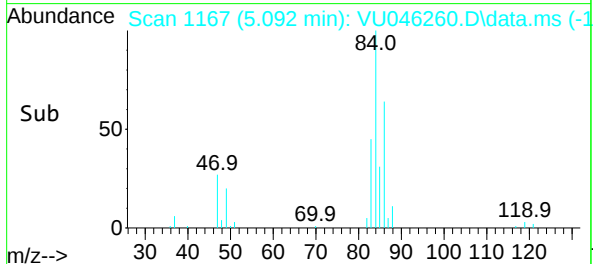
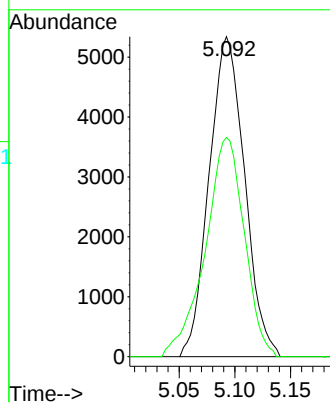
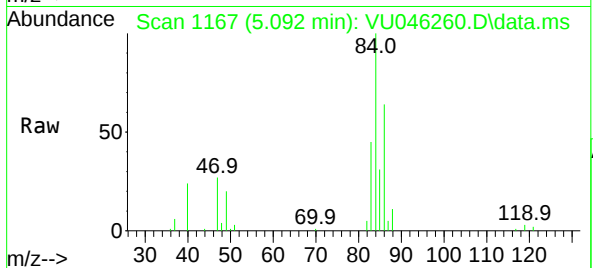
ClientSampleId :

Tgt Ion: 83 Resp: 11834

Ion Ratio Lower Upper

83 100

85 68.5 45.8 85.2



#37

1,2-Dichloropropane

Concen: 6.121 ug/L

RT: 6.694 min Scan# 1665

Delta R.T. -0.100 min

Lab File: VU046260.D

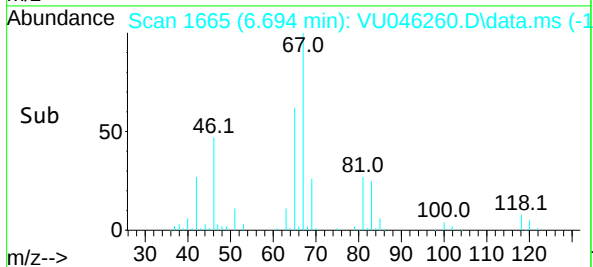
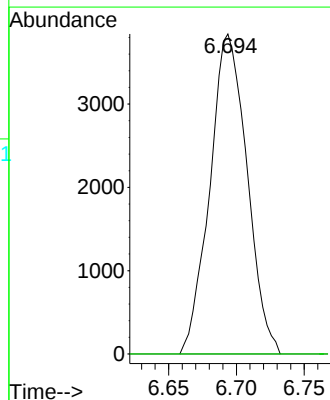
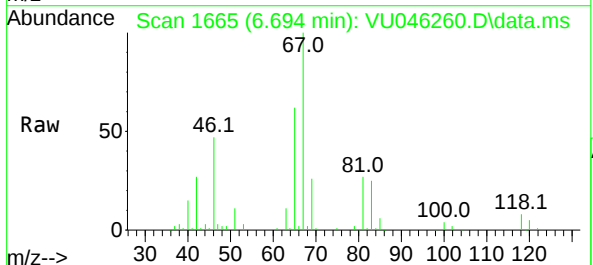
Acq: 10 Dec 2021 12:52

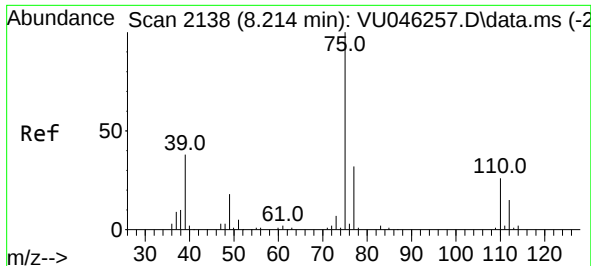
Tgt Ion: 63 Resp: 7330

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#

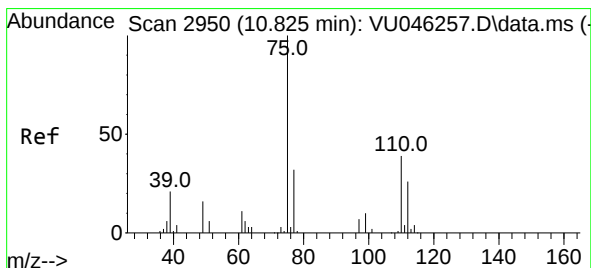
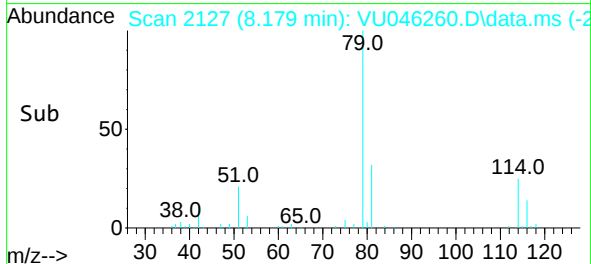
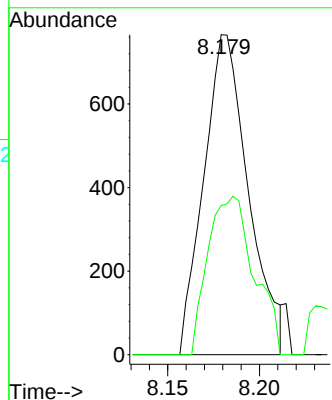
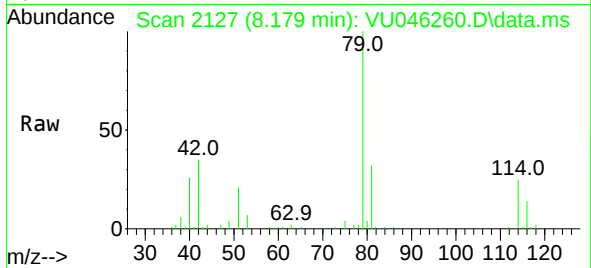




#44
trans-1,3-Dichloropropene
Concen: 0.724 ug/L
RT: 8.179 min Scan# 2138
Delta R.T. -0.035 min
Lab File: VU046260.D
Acq: 10 Dec 2021 12:52

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 1296
Ion Ratio Lower Upper
75 100
77 46.6 21.7 40.3#



#60
1,2,3-Trichloropropane
Concen: 5.517 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.987 min
Lab File: VU046260.D
Acq: 10 Dec 2021 12:52

Tgt Ion: 75 Resp: 8598
Ion Ratio Lower Upper
75 100
77 32.6 26.4 39.6
110 1.3 32.4 48.6#

