

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121021\
 Data File : VU046270.D
 Acq On : 10 Dec 2021 17:08
 Operator : SY/MD
 Sample : M4943-08
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 10 22:25:15 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

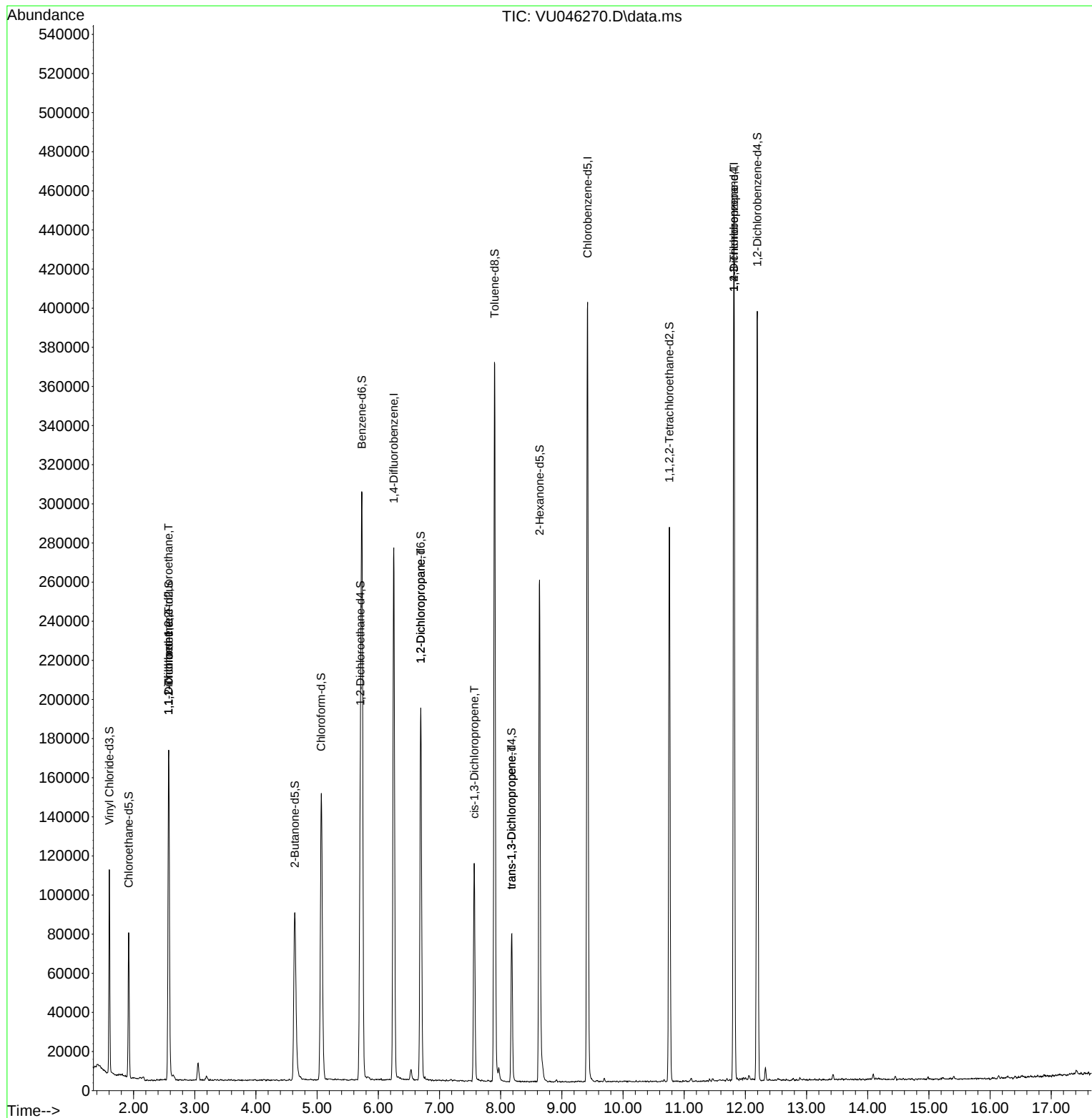
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	225510	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	232249	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	119808	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	69300	37.305	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.620%
7) Chloroethane-d5	1.919	69	54197	37.999	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	76.000%
11) 1,1-Dichloroethene-d2	2.575	63	99885	29.952	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.900%#
21) 2-Butanone-d5	4.636	46	135492	91.751	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.750%
24) Chloroform-d	5.067	84	135251	43.599	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.200%
26) 1,2-Dichloroethane-d4	5.707	65	93867	45.087	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.180%
32) Benzene-d6	5.732	84	285469	42.885	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.760%
36) 1,2-Dichloropropane-d6	6.694	67	90635	43.933	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.860%
41) Toluene-d8	7.899	98	251471	41.491	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.980%
43) trans-1,3-Dichloroprop...	8.179	79	45240	45.427	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.860%
47) 2-Hexanone-d5	8.636	63	93911	96.009	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.010%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	142069	45.409	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.820%
66) 1,2-Dichlorobenzene-d4	12.195	152	105641	45.786	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.580%
Target Compounds						
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	828	0.505	ug/L #	21
12) 1,1-Dichloroethene	2.572	96	737	0.473	ug/L #	1
37) 1,2-Dichloropropane	6.694	63	9525	5.173	ug/L #	86
39) cis-1,3-Dichloropropene	7.568	75	2444	0.872	ug/L #	42
44) trans-1,3-Dichloropropene	8.179	75	1736	0.631	ug/L #	73
60) 1,2,3-Trichloropropane	11.812	75	13996	5.329	ug/L #	66

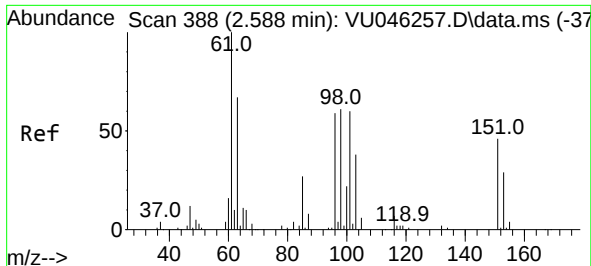
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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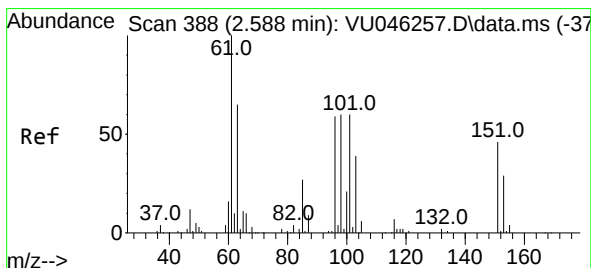
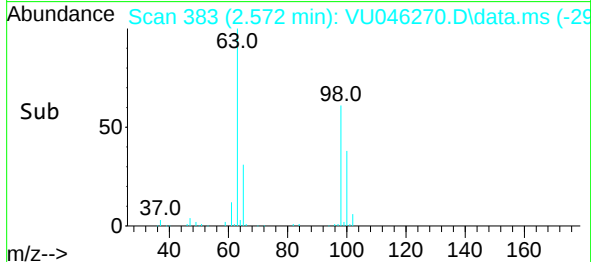
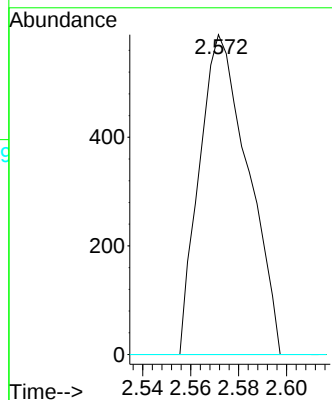
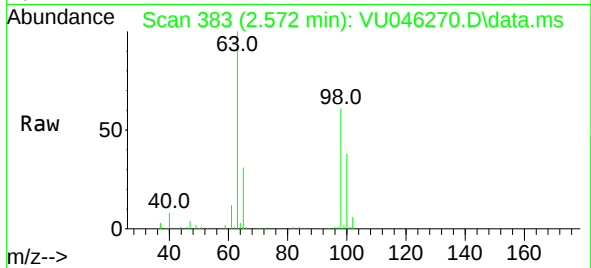




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.505 ug/L
 RT: 2.572 min Scan# 383
 Delta R.T. -0.016 min
 Lab File: VU046270.D
 Acq: 10 Dec 2021 17:08

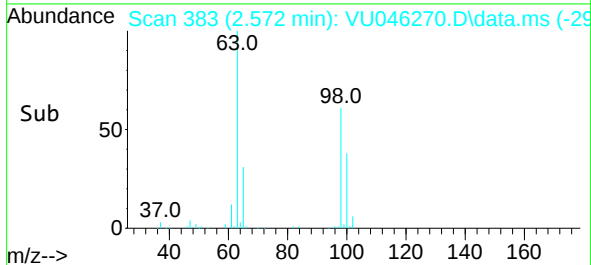
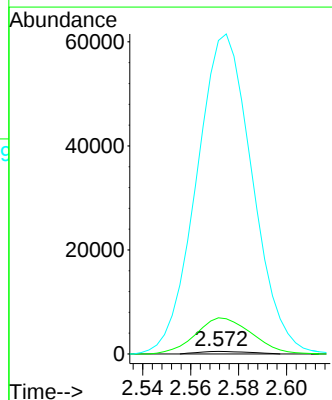
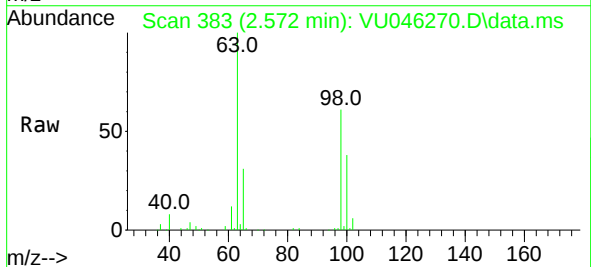
Instrument :
 MSVOA_U
 ClientSampleId :

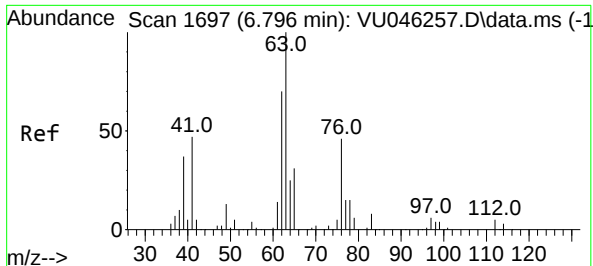
Tgt Ion:101 Resp: 828
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.1 52.7#
 151 0.0 56.7 85.1#



#12
 1,1-Dichloroethene
 Concen: 0.473 ug/L
 RT: 2.572 min Scan# 383
 Delta R.T. -0.013 min
 Lab File: VU046270.D
 Acq: 10 Dec 2021 17:08

Tgt Ion: 96 Resp: 737
 Ion Ratio Lower Upper
 96 100
 61 1382.3 118.6 220.2#
 63 12001.6 93.0 172.8#





#37

1,2-Dichloropropane

Concen: 5.173 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU046270.D

Acq: 10 Dec 2021 17:08

Instrument :

MSVOA_U

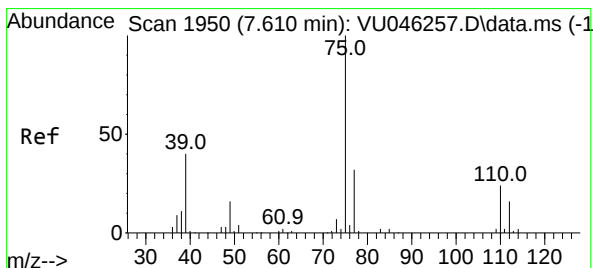
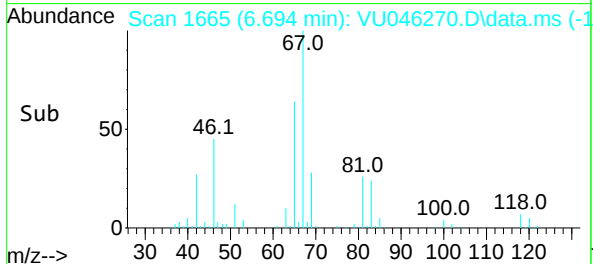
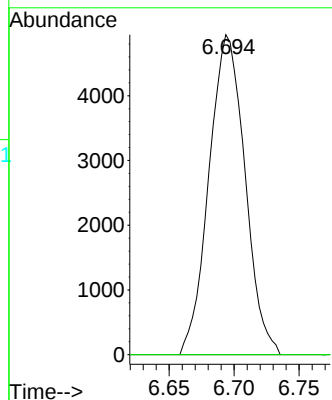
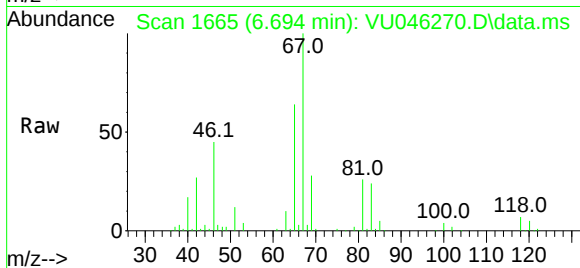
ClientSampleId :

Tgt Ion: 63 Resp: 9525

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#39

cis-1,3-Dichloropropene

Concen: 0.872 ug/L

RT: 7.568 min Scan# 1937

Delta R.T. -0.042 min

Lab File: VU046270.D

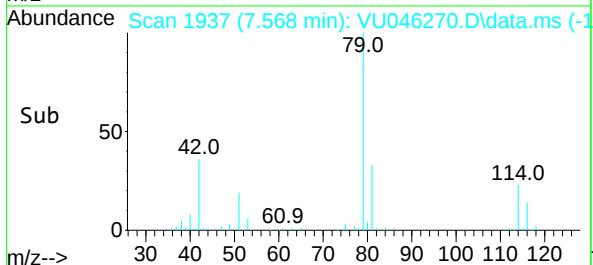
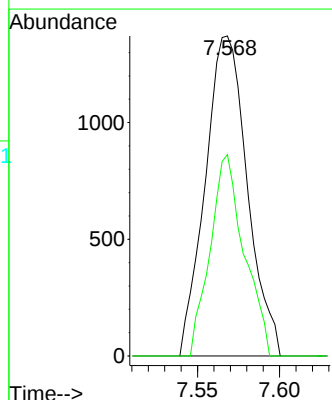
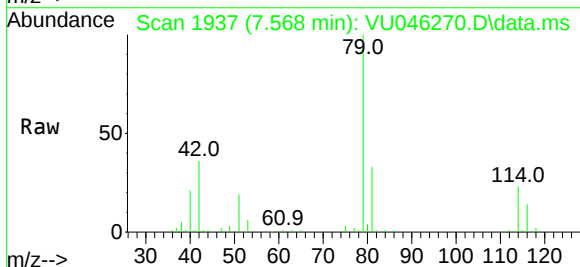
Acq: 10 Dec 2021 17:08

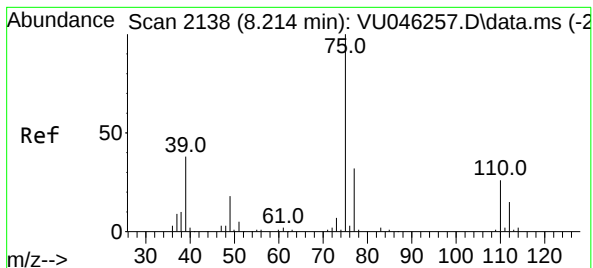
Tgt Ion: 75 Resp: 2444

Ion Ratio Lower Upper

75 100

77 62.9 21.8 40.6#





#44

trans-1,3-Dichloropropene

Concen: 0.631 ug/L

RT: 8.179 min Scan# 2138

Delta R.T. -0.035 min

Lab File: VU046270.D

Acq: 10 Dec 2021 17:08

Instrument :

MSVOA_U

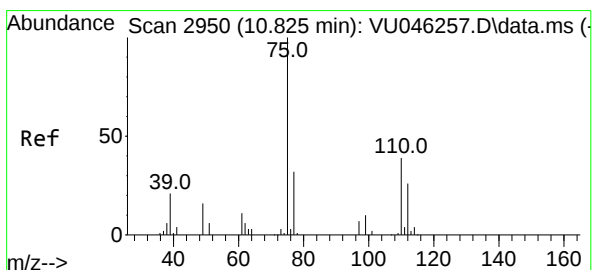
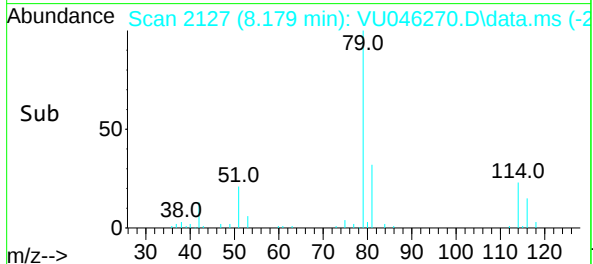
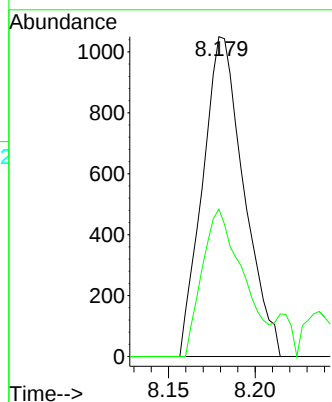
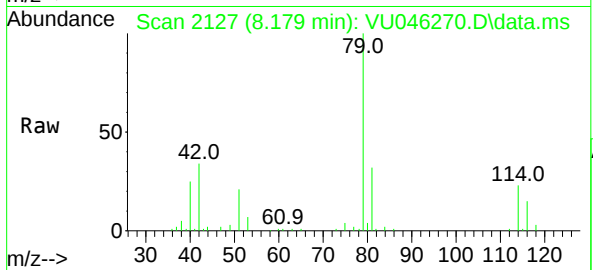
ClientSampleId :

Tgt Ion: 75 Resp: 1736

Ion Ratio Lower Upper

75 100

77 46.1 21.7 40.3#



#60

1,2,3-Trichloropropane

Concen: 5.329 ug/L

RT: 11.812 min Scan# 3257

Delta R.T. 0.987 min

Lab File: VU046270.D

Acq: 10 Dec 2021 17:08

Tgt Ion: 75 Resp: 13996

Ion Ratio Lower Upper

75 100

77 32.3 26.4 39.6

110 2.3 32.4 48.6#

