

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120921\
 Data File : VU046222.D
 Acq On : 09 Dec 2021 16:01
 Operator : SY/MD
 Sample : M4975-15
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 10 03:45:00 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)

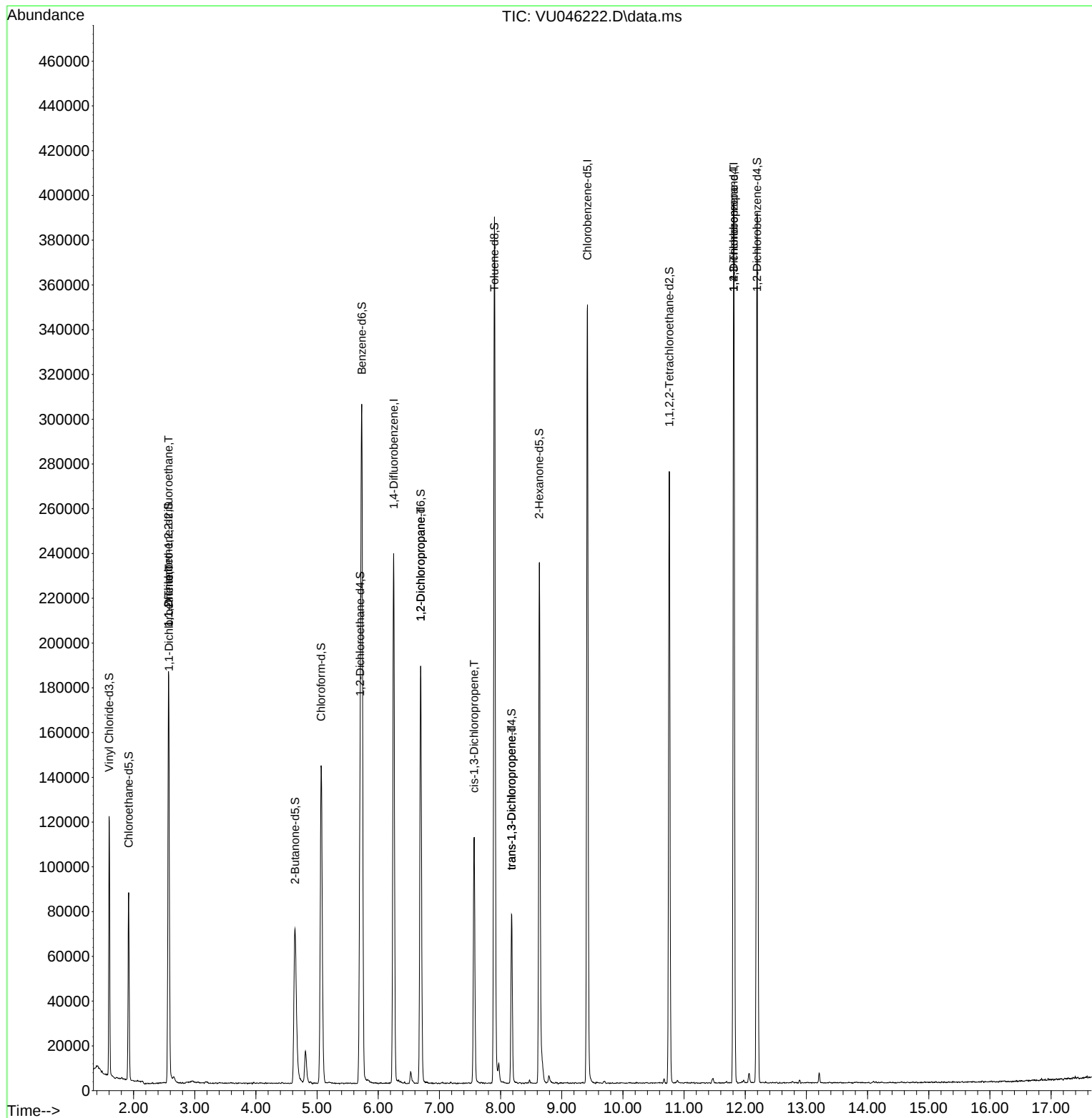
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	195446	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	201120	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	104970	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	81542	50.648	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	101.300%
7) Chloroethane-d5	1.919	69	60757	49.151	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.300%
11) 1,1-Dichloroethene-d2	2.571	63	109502	37.887	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.780%
21) 2-Butanone-d5	4.639	46	123887	96.797	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.800%
24) Chloroform-d	5.066	84	134371	49.978	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.960%
26) 1,2-Dichloroethane-d4	5.703	65	92068	51.026	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.060%
32) Benzene-d6	5.732	84	291702	50.604	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.200%
36) 1,2-Dichloropropane-d6	6.693	67	90574	50.699	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.400%
41) Toluene-d8	7.899	98	263079	50.125	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.240%
43) trans-1,3-Dichloroprop...	8.179	79	43828	50.821	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.640%
47) 2-Hexanone-d5	8.632	63	85937	101.455	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.450%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	133420	49.245	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.500%
66) 1,2-Dichlorobenzene-d4	12.195	152	104804	51.844	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.680%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.571	101	1011	0.711	ug/L #	21
12) 1,1-Dichloroethene	2.578	96	759	0.562	ug/L #	1
37) 1,2-Dichloropropane	6.693	63	9412	5.903	ug/L #	86
39) cis-1,3-Dichloropropene	7.568	75	2783	1.147	ug/L #	67
44) trans-1,3-Dichloropropene	8.179	75	1650	0.693	ug/L #	74
60) 1,2,3-Trichloropropane	11.812	75	12587	5.470	ug/L #	65

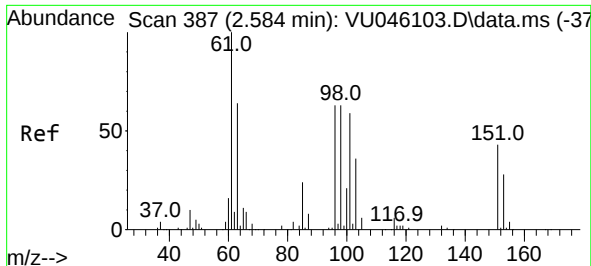
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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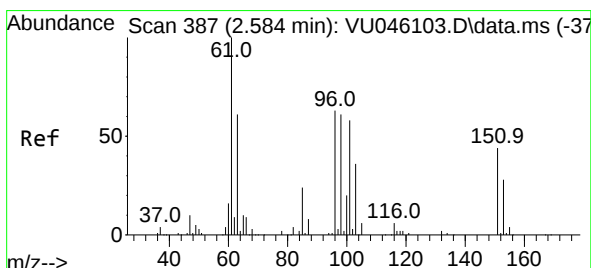
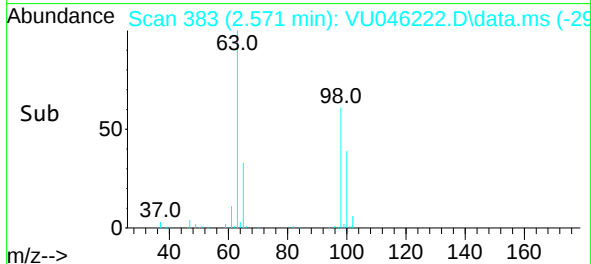
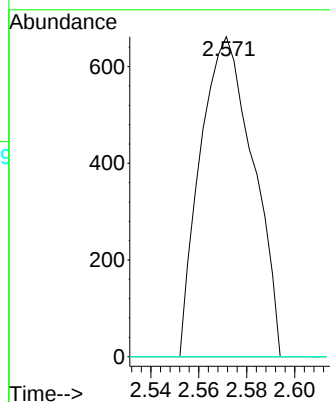
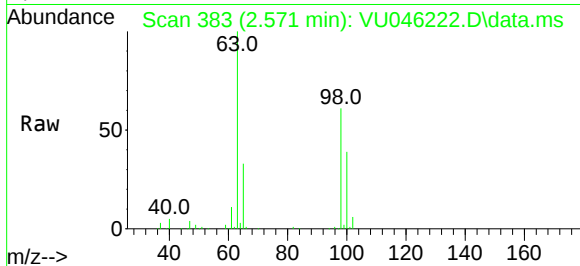




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.711 ug/L
RT: 2.571 min Scan# 383
Delta R.T. -0.016 min
Lab File: VU046222.D
Acq: 09 Dec 2021 16:01

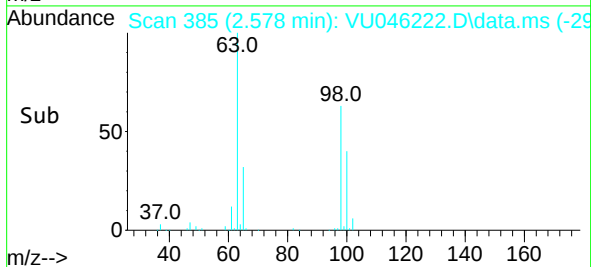
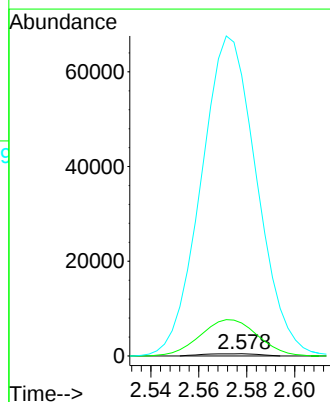
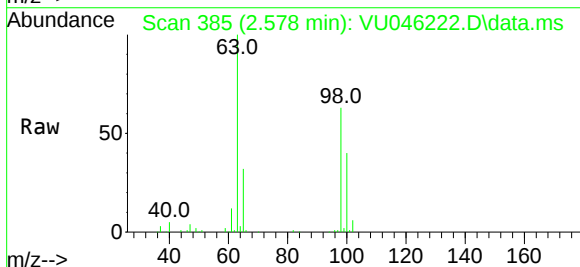
Instrument :
MSVOA_U
ClientSampleId :

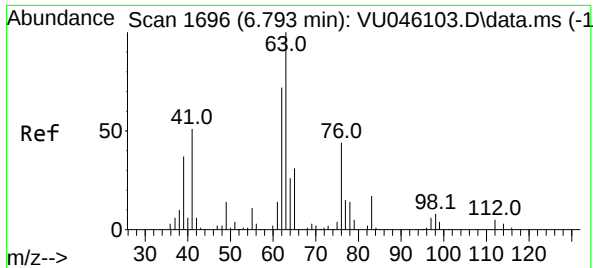
Tgt Ion:101 Resp: 1011
Ion Ratio Lower Upper
101 100
85 0.0 35.1 52.7#
151 0.0 56.7 85.1#



#12
1,1-Dichloroethene
Concen: 0.562 ug/L
RT: 2.578 min Scan# 385
Delta R.T. -0.007 min
Lab File: VU046222.D
Acq: 09 Dec 2021 16:01

Tgt Ion: 96 Resp: 759
Ion Ratio Lower Upper
96 100
61 1487.0 118.6 220.2#
63 12680.3 93.0 172.8#





#37

1,2-Dichloropropane

Concen: 5.903 ug/L

RT: 6.693 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU046222.D

Acq: 09 Dec 2021 16:01

Instrument :

MSVOA_U

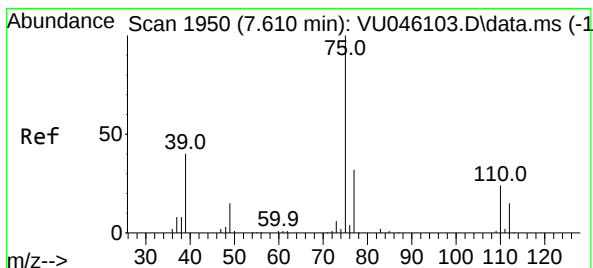
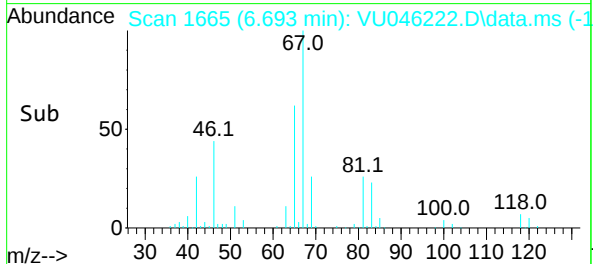
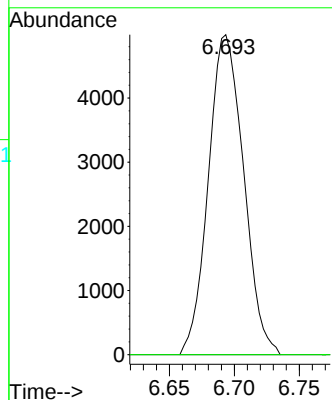
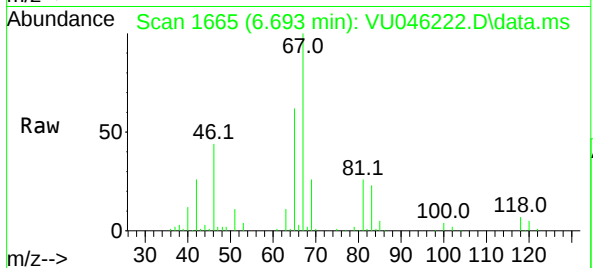
ClientSampleId :

Tgt Ion: 63 Resp: 9412

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#39

cis-1,3-Dichloropropene

Concen: 1.147 ug/L

RT: 7.568 min Scan# 1937

Delta R.T. -0.042 min

Lab File: VU046222.D

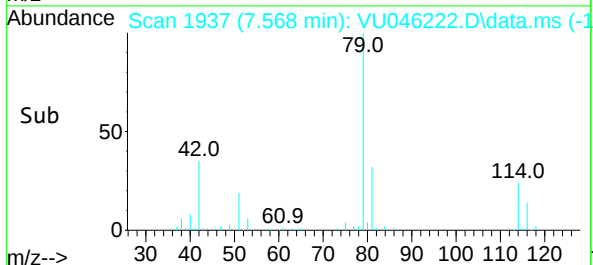
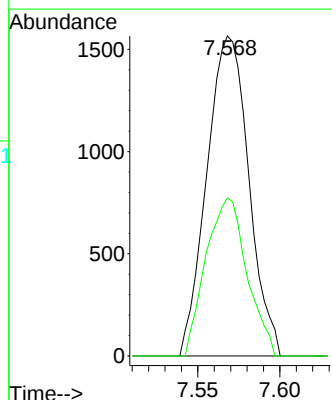
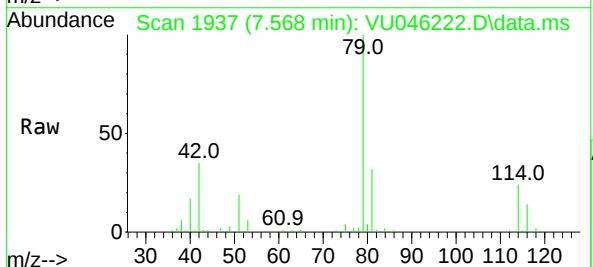
Acq: 09 Dec 2021 16:01

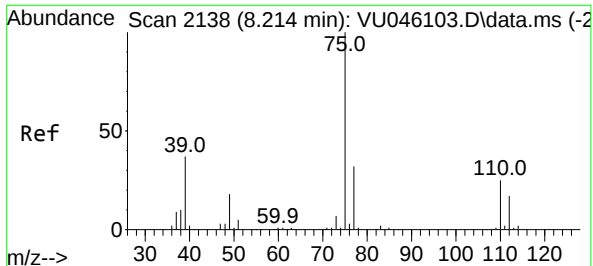
Tgt Ion: 75 Resp: 2783

Ion Ratio Lower Upper

75 100

77 49.4 21.8 40.6#





#44

trans-1,3-Dichloropropene

Concen: 0.693 ug/L

RT: 8.179 min Scan# 2138

Delta R.T. -0.036 min

Lab File: VU046222.D

Acq: 09 Dec 2021 16:01

Instrument :

MSVOA_U

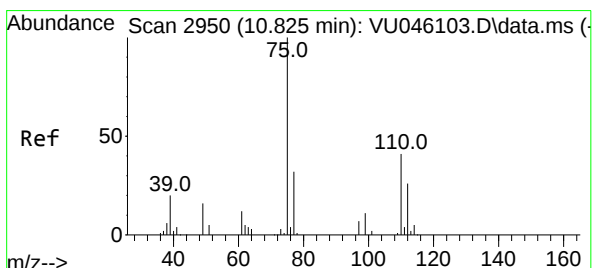
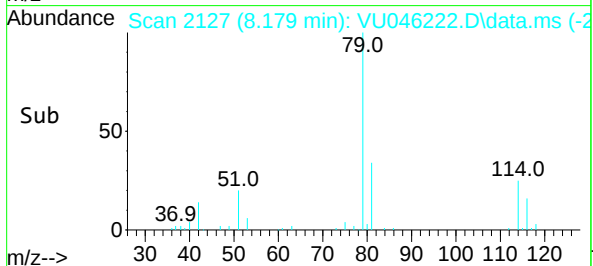
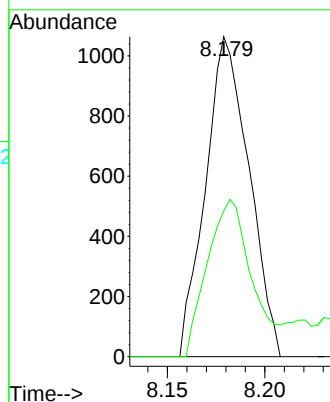
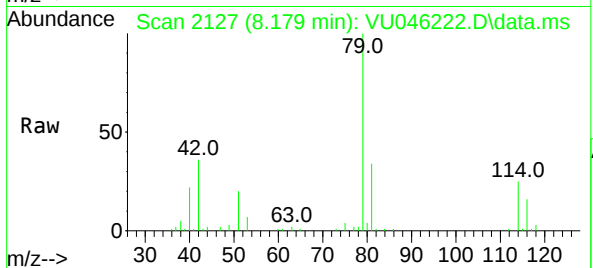
ClientSampleId :

Tgt Ion: 75 Resp: 1650

Ion Ratio Lower Upper

75 100

77 45.5 21.7 40.3#



#60

1,2,3-Trichloropropane

Concen: 5.470 ug/L

RT: 11.812 min Scan# 3257

Delta R.T. 0.987 min

Lab File: VU046222.D

Acq: 09 Dec 2021 16:01

Tgt Ion: 75 Resp: 12587

Ion Ratio Lower Upper

75 100

77 33.9 26.4 39.6

110 2.0 32.4 48.6#

