

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121121\
 Data File : VU046281.D
 Acq On : 11 Dec 2021 13:12
 Operator : SY/MD
 Sample : M4971-04
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

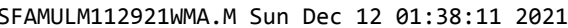
Quant Time: Dec 12 01:38:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 03 05:08:36 2021
 Response via : Initial Calibration

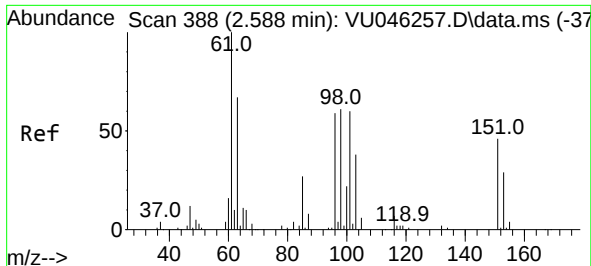
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	186886	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	193638	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.813	152	101224	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	62373	40.516	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.040%
7) Chloroethane-d5	1.916	69	52215	44.175	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.360%
11) 1,1-Dichloroethene-d2	2.572	63	89057	32.225	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.440%
21) 2-Butanone-d5	4.639	46	138539	113.203	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	113.200%
24) Chloroform-d	5.067	84	131039	50.971	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.940%
26) 1,2-Dichloroethane-d4	5.704	65	88533	51.314	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.620%
32) Benzene-d6	5.729	84	266659	48.047	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.100%
36) 1,2-Dichloropropane-d6	6.694	67	86943	50.547	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.100%
41) Toluene-d8	7.900	98	229497	45.416	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.840%
43) trans-1,3-Dichloroprop...	8.179	79	41105	49.505	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.000%
47) 2-Hexanone-d5	8.636	63	100442	123.161	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	123.160%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	143188	54.893	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	109.780%
66) 1,2-Dichlorobenzene-d4	12.195	152	100454	51.531	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.060%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	761	0.560	ug/L #	21
12) 1,1-Dichloroethene	2.569	96	709	0.549	ug/L #	1
35) Methylcyclohexane	6.694	83	20940	8.747	ug/L #	20
37) 1,2-Dichloropropane	6.694	63	9390	6.116	ug/L #	86
39) cis-1,3-Dichloropropene	7.568	75	2472	1.058	ug/L #	63
44) trans-1,3-Dichloropropene	8.179	75	1889	0.823	ug/L	94
60) 1,2,3-Trichloropropane	11.813	75	11815	5.325	ug/L #	65

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

Quant Time: Dec 12 01:38:07 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
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Response via : Initial Calibration

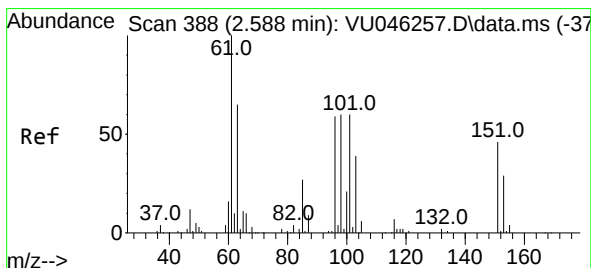
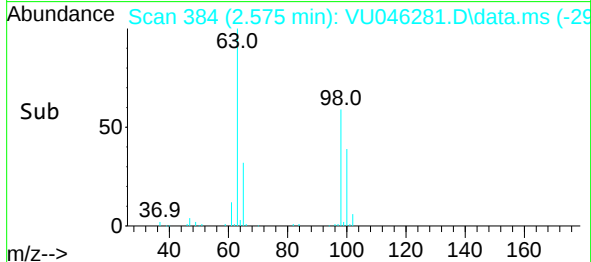
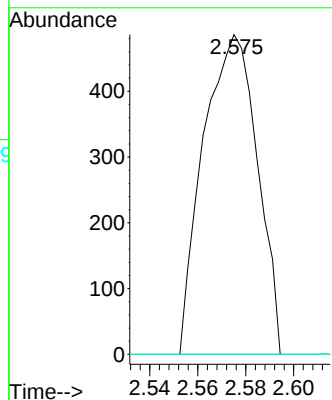
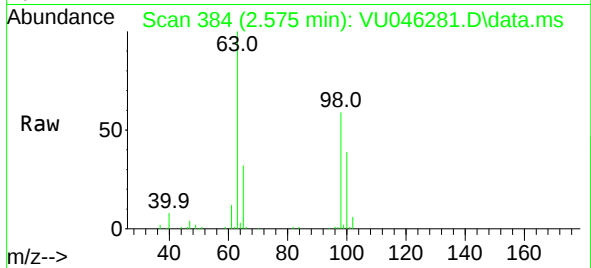




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.560 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.013 min
Lab File: VU046281.D
Acq: 11 Dec 2021 13:12

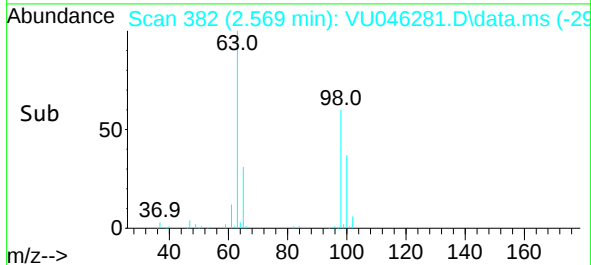
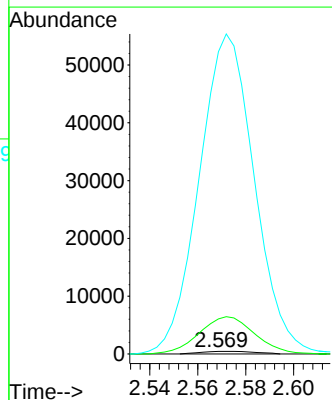
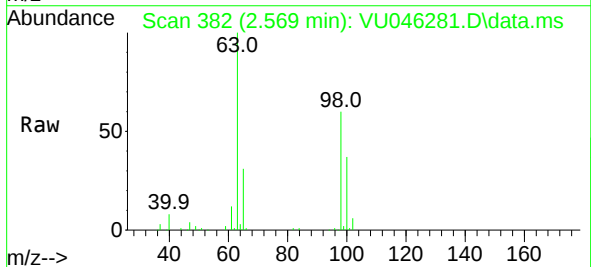
Instrument :
MSVOA_U
ClientSampleId :

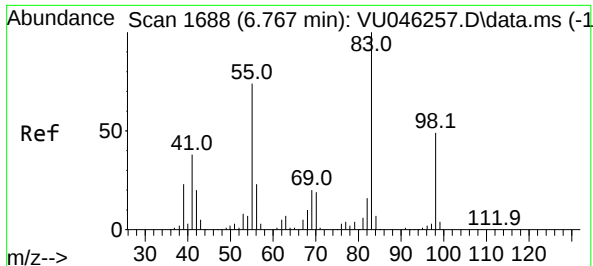
Tgt Ion:101 Resp: 761
Ion Ratio Lower Upper
101 100
85 0.0 35.1 52.7#
151 0.0 56.7 85.1#



#12
1,1-Dichloroethene
Concen: 0.549 ug/L
RT: 2.569 min Scan# 382
Delta R.T. -0.016 min
Lab File: VU046281.D
Acq: 11 Dec 2021 13:12

Tgt Ion: 96 Resp: 709
Ion Ratio Lower Upper
96 100
61 1365.3 118.6 220.2#
63 11782.0 93.0 172.8#

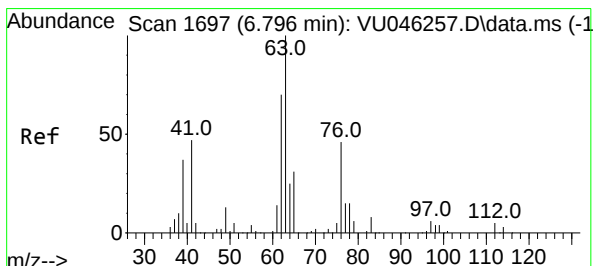
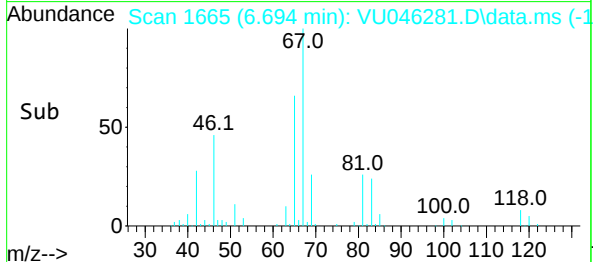
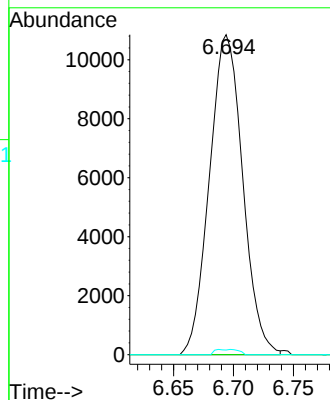
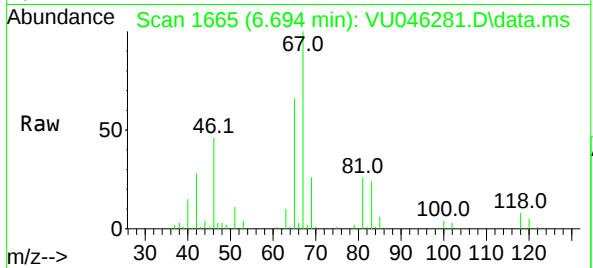




#35
Methylcyclohexane
Concen: 8.747 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU046281.D
Acq: 11 Dec 2021 13:12

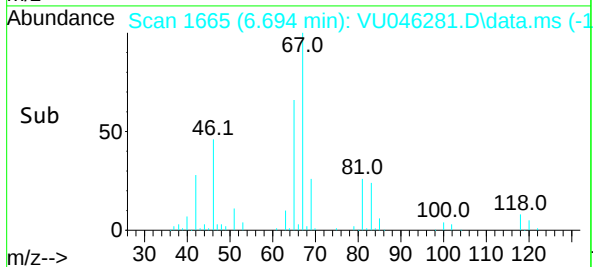
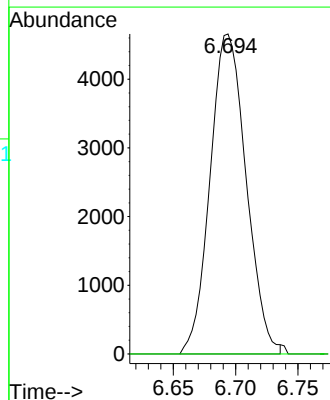
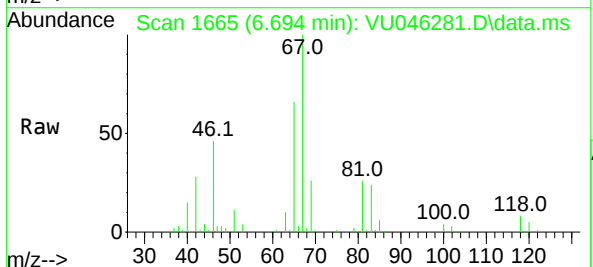
Instrument :
MSVOA_U
ClientSampleId :

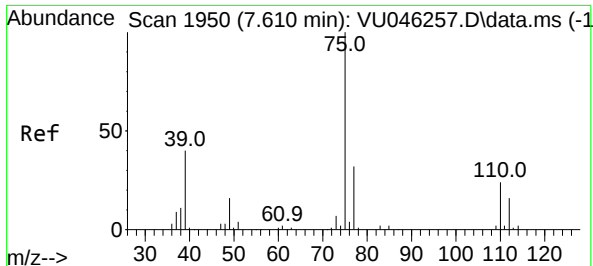
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.0	57.8	86.6#
98	0.6	38.4	57.6#



#37
1,2-Dichloropropane
Concen: 6.116 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.099 min
Lab File: VU046281.D
Acq: 11 Dec 2021 13:12

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.8	5.6#





#39

cis-1,3-Dichloropropene

Concen: 1.058 ug/L

RT: 7.568 min Scan# 1950

Delta R.T. -0.042 min

Lab File: VU046281.D

Acq: 11 Dec 2021 13:12

Instrument :

MSVOA_U

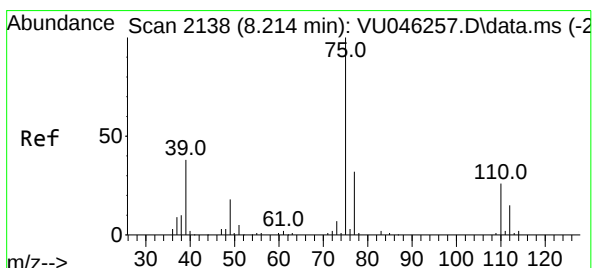
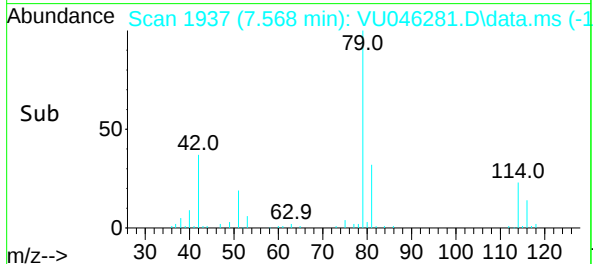
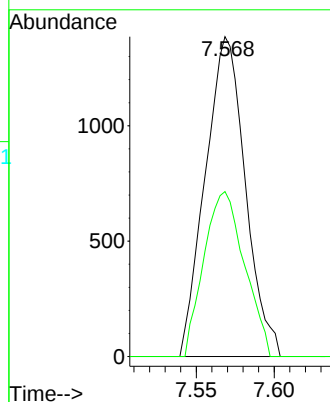
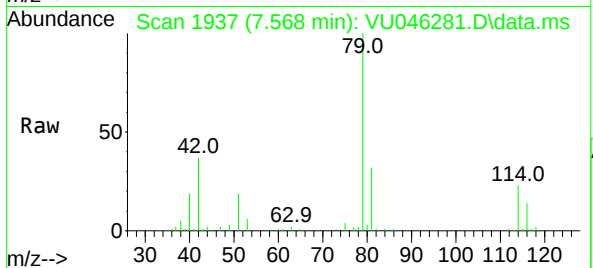
ClientSampleId :

Tgt Ion: 75 Resp: 2472

Ion Ratio Lower Upper

75 100

77 51.6 21.8 40.6#



#44

trans-1,3-Dichloropropene

Concen: 0.823 ug/L

RT: 8.179 min Scan# 2127

Delta R.T. -0.035 min

Lab File: VU046281.D

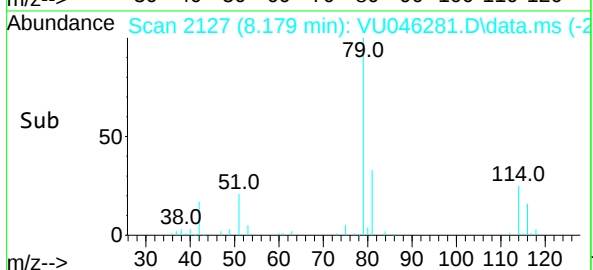
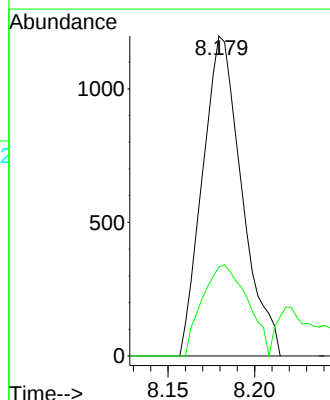
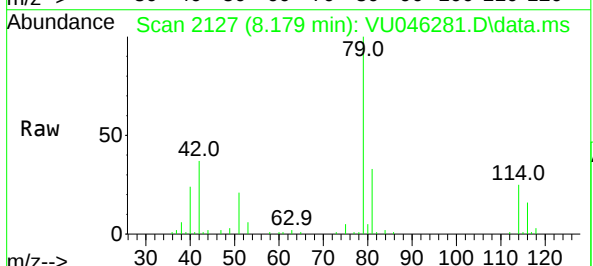
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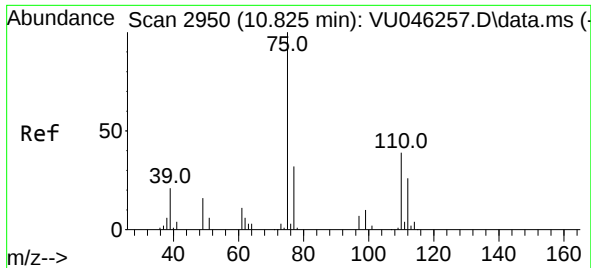
Tgt Ion: 75 Resp: 1889

Ion Ratio Lower Upper

75 100

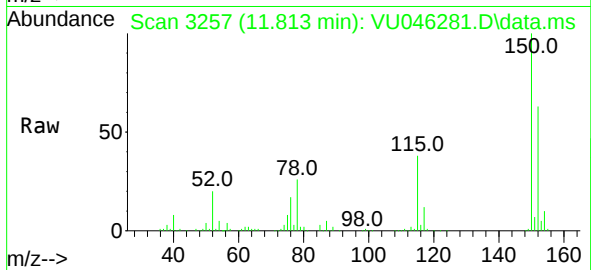
77 27.8 21.7 40.3





#60
 1,2,3-Trichloropropane
 Concen: 5.325 ug/L
 RT: 11.813 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU046281.D
 Acq: 11 Dec 2021 13:12

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
77	34.9	26.4	39.6
110	2.7	32.4	48.6#

