

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120421\
 Data File : VU046090.D
 Acq On : 04 Dec 2021 14:06
 Operator : SY/MD
 Sample : VU1204WBL01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

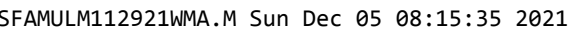
Quant Time: Dec 05 08:15:32 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 03 05:08:36 2021
 Response via : Initial Calibration

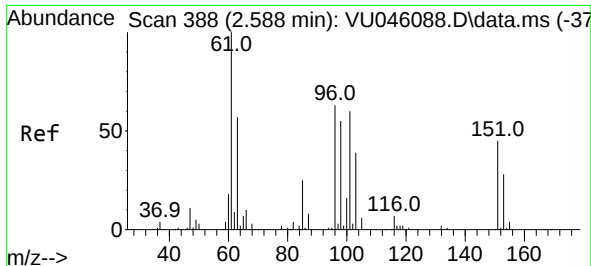
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	198168	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	190454	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	91341	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	70428	43.144	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.280%
7) Chloroethane-d5	1.919	69	51427	41.032	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.060%
11) 1,1-Dichloroethene-d2	2.572	63	94967	32.407	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.820%
21) 2-Butanone-d5	4.639	46	102630	79.087	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	79.090%
24) Chloroform-d	5.067	84	115177	42.251	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.500%
26) 1,2-Dichloroethane-d4	5.703	65	79469	43.438	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.880%
32) Benzene-d6	5.729	84	256289	46.950	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.900%
36) 1,2-Dichloropropane-d6	6.694	67	78295	46.280	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.560%
41) Toluene-d8	7.899	98	228506	45.976	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.960%
43) trans-1,3-Dichloroprop...	8.179	79	36465	44.651	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.300%
47) 2-Hexanone-d5	8.633	63	71504	89.143	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.140%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	109908	42.839	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.680%
66) 1,2-Dichlorobenzene-d4	12.195	152	83983	47.743	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.480%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	837	0.580	ug/L #	21
12) 1,1-Dichloroethene	2.568	96	709	0.517	ug/L #	1
35) Methylcyclohexane	6.694	83	18813	7.990	ug/L #	20
37) 1,2-Dichloropropane	6.694	63	8597	5.693	ug/L #	86
39) cis-1,3-Dichloropropene	7.571	75	2127	0.926	ug/L #	74
44) trans-1,3-Dichloropropene	8.179	75	1640	0.727	ug/L #	71
60) 1,2,3-Trichloropropane	11.812	75	11105	5.546	ug/L #	64

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

Quant Time: Dec 05 08:15:32 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

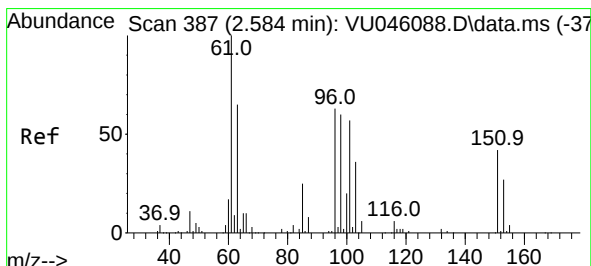
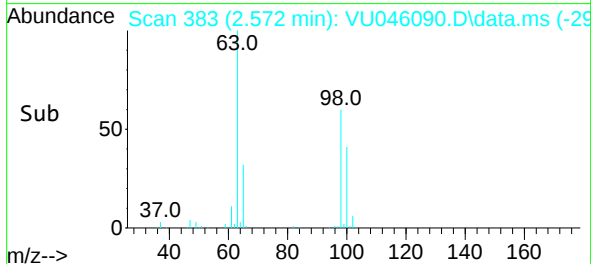
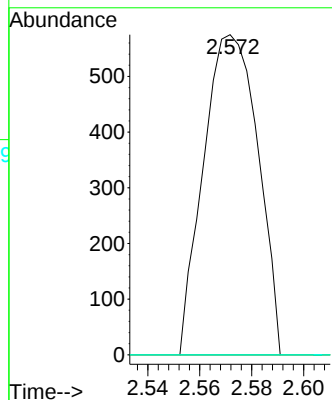
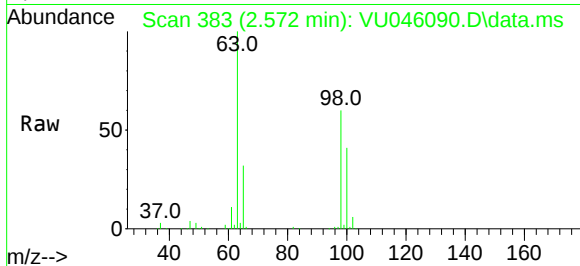




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.580 ug/L
RT: 2.572 min Scan# 383
Delta R.T. -0.016 min
Lab File: VU046090.D
Acq: 04 Dec 2021 14:06

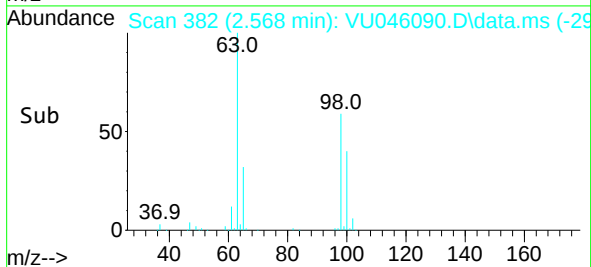
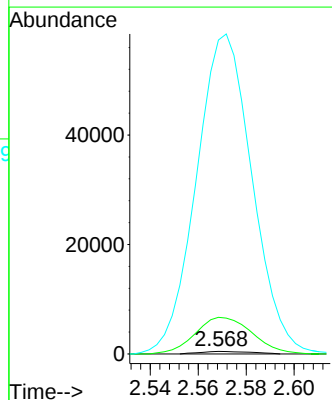
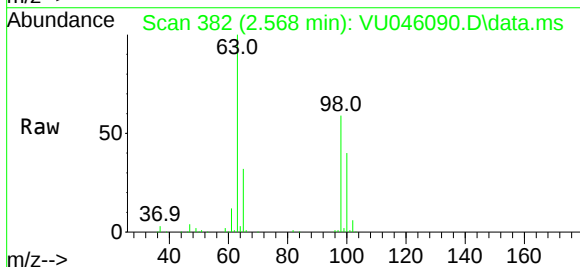
Instrument :
MSVOA_U
ClientSampleId :

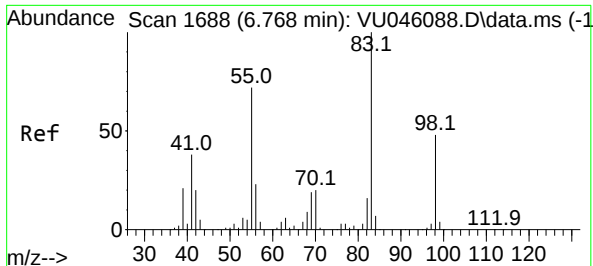
Tgt Ion:101 Resp: 837
Ion Ratio Lower Upper
101 100
85 0.0 35.1 52.7#
151 0.0 56.7 85.1#



#12
1,1-Dichloroethene
Concen: 0.517 ug/L
RT: 2.568 min Scan# 382
Delta R.T. -0.016 min
Lab File: VU046090.D
Acq: 04 Dec 2021 14:06

Tgt Ion: 96 Resp: 709
Ion Ratio Lower Upper
96 100
61 1396.3 118.6 220.2#
63 11953.3 93.0 172.8#

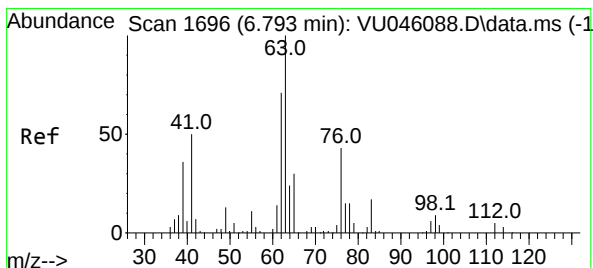
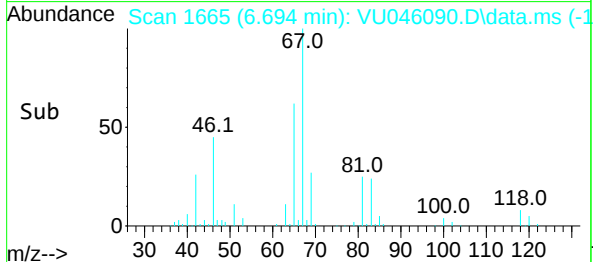
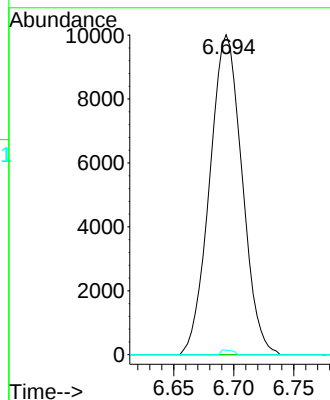
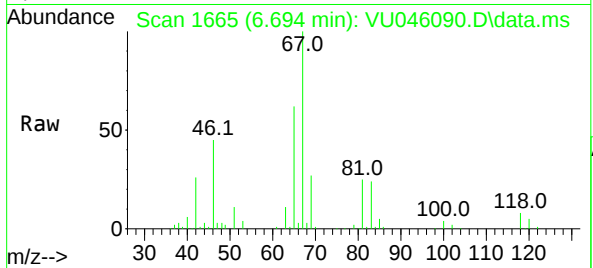




#35
Methylcyclohexane
Concen: 7.990 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU046090.D
Acq: 04 Dec 2021 14:06

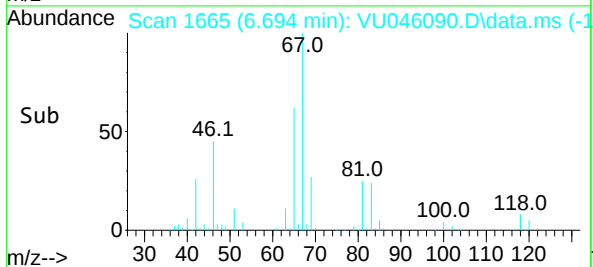
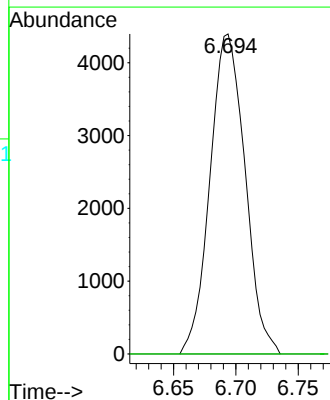
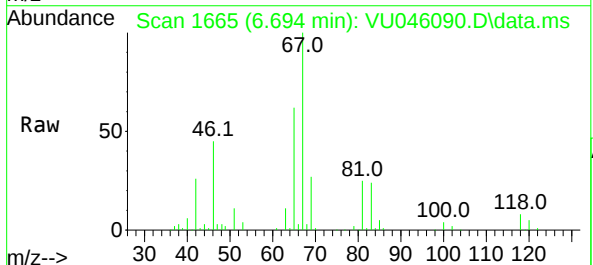
Instrument :
MSVOA_U
ClientSampleId :

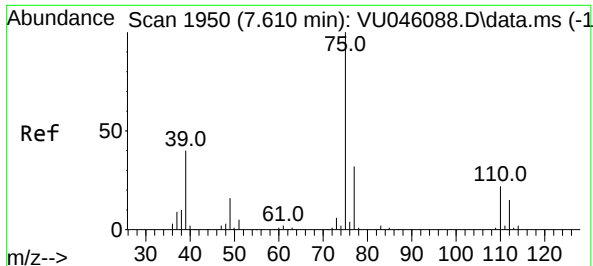
Tgt Ion: 83 Resp: 18813
Ion Ratio Lower Upper
83 100
55 0.0 57.8 86.6#
98 0.5 38.4 57.6#



#37
1,2-Dichloropropane
Concen: 5.693 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.100 min
Lab File: VU046090.D
Acq: 04 Dec 2021 14:06

Tgt Ion: 63 Resp: 8597
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.6#





#39

cis-1,3-Dichloropropene

Concen: 0.926 ug/L

RT: 7.571 min Scan# 1950

Delta R.T. -0.038 min

Lab File: VU046090.D

Acq: 04 Dec 2021 14:06

Instrument :

MSVOA_U

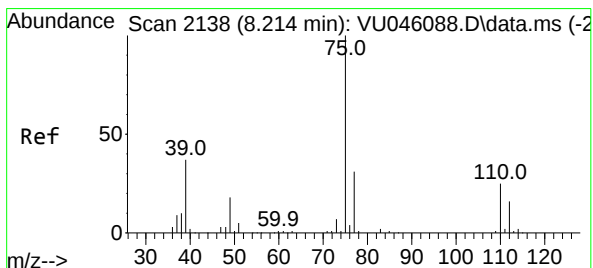
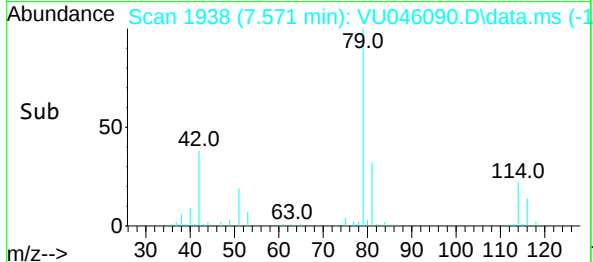
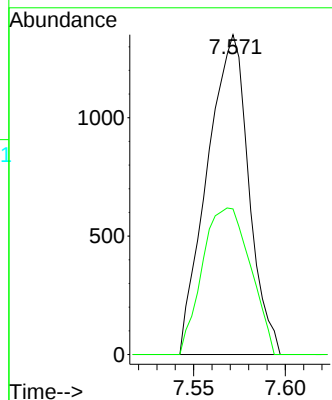
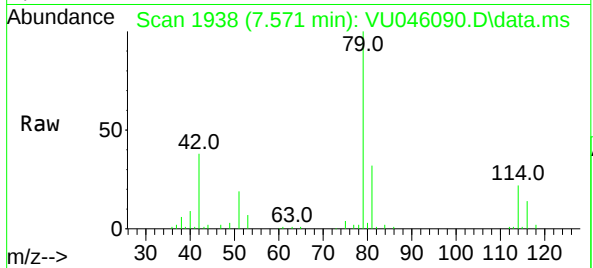
ClientSampleId :

Tgt Ion: 75 Resp: 2127

Ion Ratio Lower Upper

75 100

77 45.5 21.8 40.6#



#44

trans-1,3-Dichloropropene

Concen: 0.727 ug/L

RT: 8.179 min Scan# 2127

Delta R.T. -0.035 min

Lab File: VU046090.D

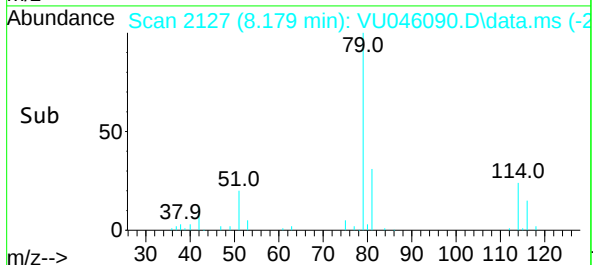
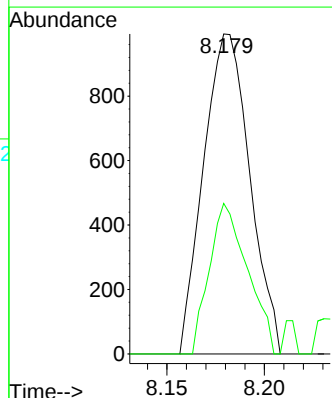
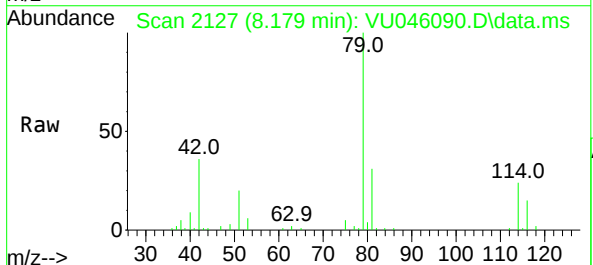
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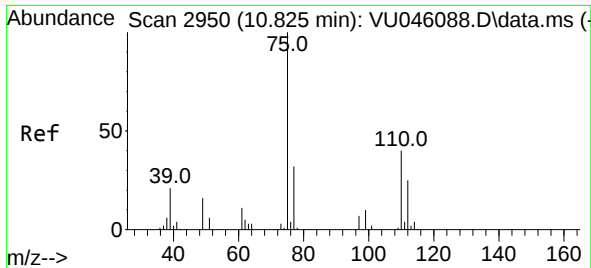
Tgt Ion: 75 Resp: 1640

Ion Ratio Lower Upper

75 100

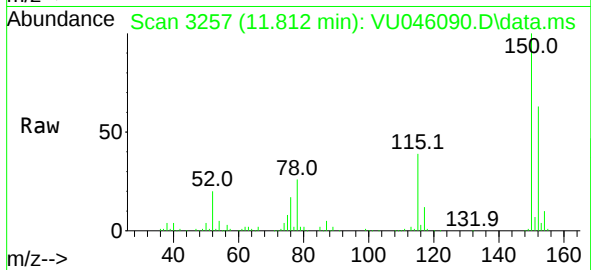
77 47.0 21.7 40.3#





#60
 1,2,3-Trichloropropane
 Concen: 5.546 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU046090.D
 Acq: 04 Dec 2021 14:06

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 11105
 Ion Ratio Lower Upper
 75 100
 77 30.7 26.4 39.6
 110 1.9 32.4 48.6#

