

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120921\
 Data File : VU046254.D
 Acq On : 10 Dec 2021 04:24
 Operator : SY/MD
 Sample : M4982-19
 Misc : 5.6mL/MSVOA_U/WATER
 ALS Vial : 48 Sample Multiplier: 1

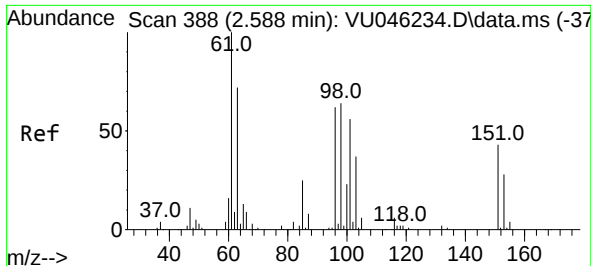
Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 10 05:26:45 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	157007	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	169832	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	84893	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	61126	47.262	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.520%
7) Chloroethane-d5	1.919	69	47620	47.955	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.900%
11) 1,1-Dichloroethene-d2	2.571	63	81575	35.135	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.260%
21) 2-Butanone-d5	4.639	46	100186	97.443	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.440%
24) Chloroform-d	5.066	84	102830	47.611	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.220%
26) 1,2-Dichloroethane-d4	5.706	65	73609	50.783	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.560%
32) Benzene-d6	5.732	84	226433	46.518	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.040%
36) 1,2-Dichloropropane-d6	6.693	67	71031	47.085	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.160%
41) Toluene-d8	7.899	98	195206	44.045	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.080%
43) trans-1,3-Dichloroprop...	8.182	79	32757	44.981	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.960%
47) 2-Hexanone-d5	8.635	63	66933	93.577	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.580%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	110768	48.416	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.840%
66) 1,2-Dichlorobenzene-d4	12.195	152	80066	48.973	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.940%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	636	0.557	ug/L #	21
12) 1,1-Dichloroethene	2.581	96	1311	1.208	ug/L #	1
25) Chloroform	5.092	83	11762	5.068	ug/L	98
37) 1,2-Dichloropropane	6.693	63	7588	5.635	ug/L #	86
39) cis-1,3-Dichloropropene	7.565	75	2046	0.999	ug/L #	72
44) trans-1,3-Dichloropropene	8.185	75	1356	0.674	ug/L #	79
60) 1,2,3-Trichloropropane	11.812	75	10558	5.674	ug/L #	65

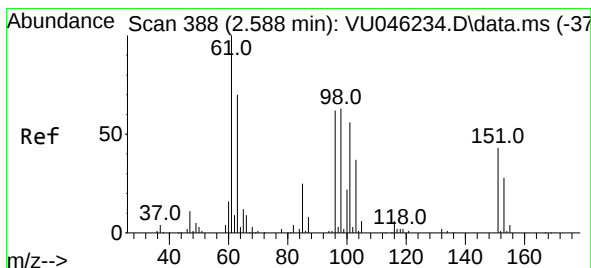
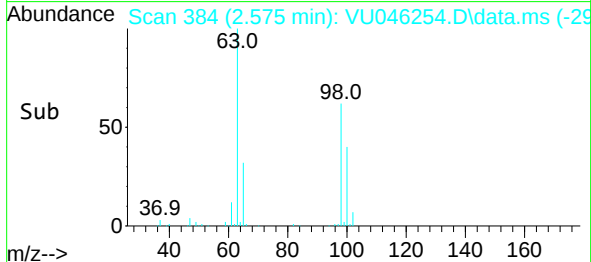
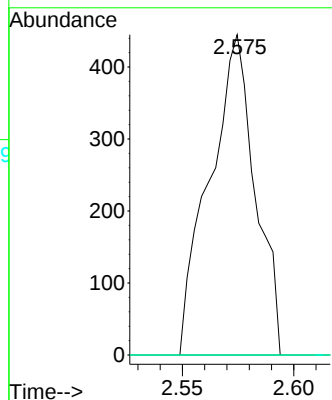
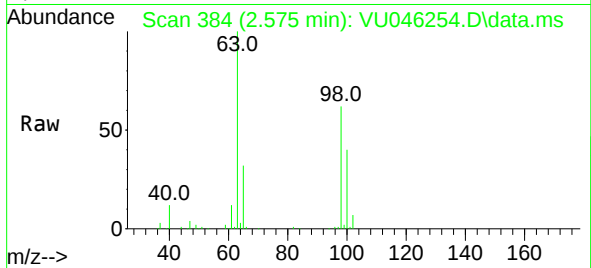
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.557 ug/L
 RT: 2.575 min Scan# 31
 Delta R.T. -0.013 min
 Lab File: VU046254.D
 Acq: 10 Dec 2021 04:24

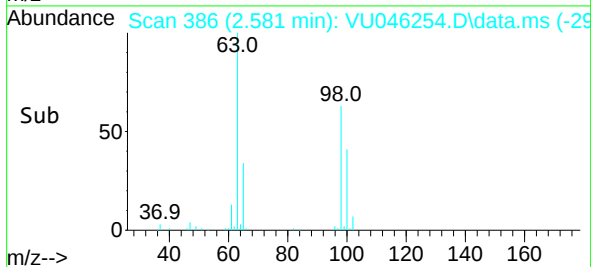
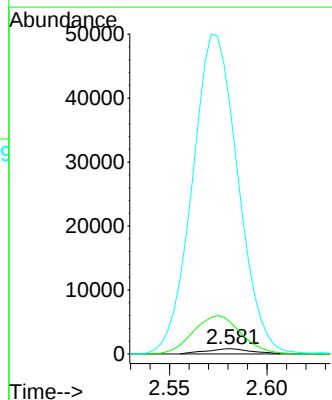
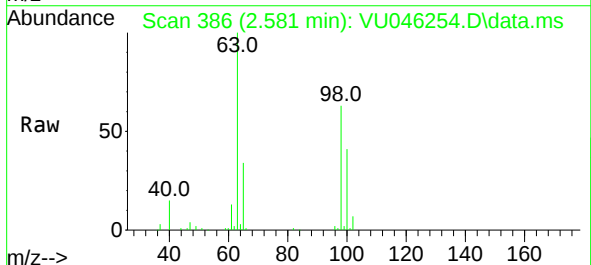
Instrument :
 MSVOA_U
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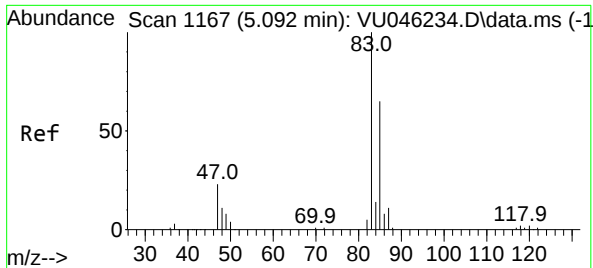
Tgt Ion:101 Resp: 636
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.1 52.7#
 151 0.0 56.7 85.1#



#12
 1,1-Dichloroethene
 Concen: 1.208 ug/L
 RT: 2.581 min Scan# 386
 Delta R.T. -0.003 min
 Lab File: VU046254.D
 Acq: 10 Dec 2021 04:24

Tgt Ion: 96 Resp: 1311
 Ion Ratio Lower Upper
 96 100
 61 608.0 118.6 220.2#
 63 4680.6 93.0 172.8#

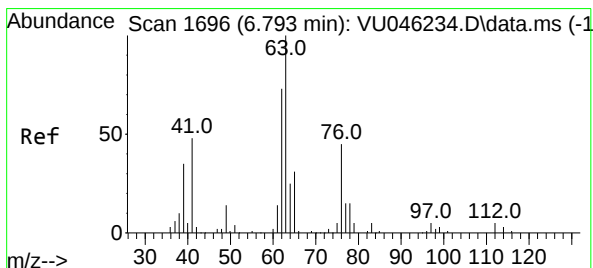
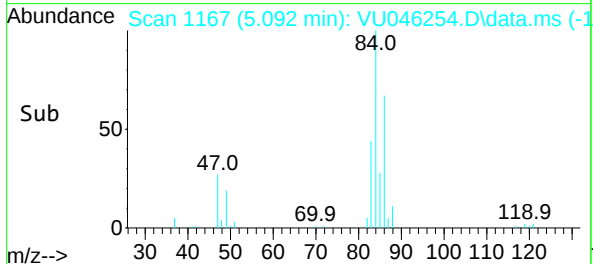
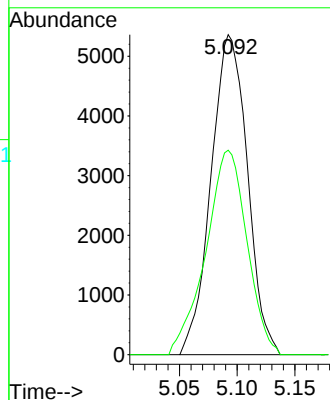
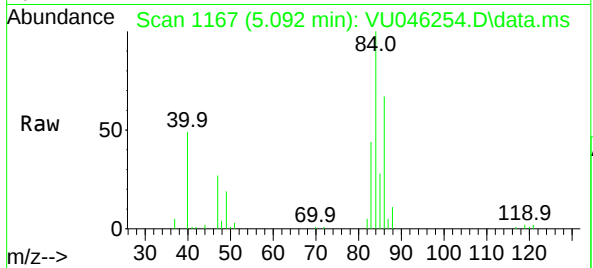




#25
Chloroform
Concen: 5.068 ug/L
RT: 5.092 min Scan# 1166
Delta R.T. -0.000 min
Lab File: VU046254.D
Acq: 10 Dec 2021 04:24

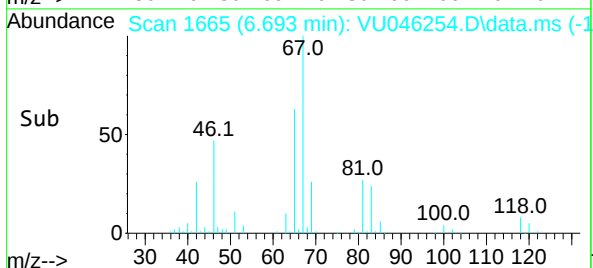
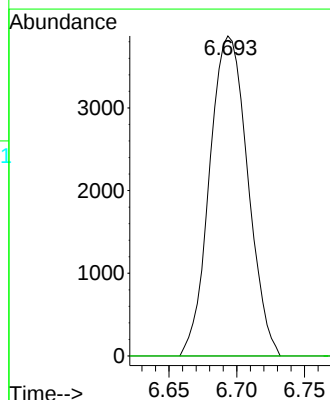
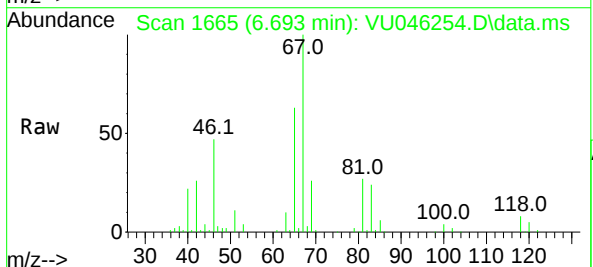
Instrument :
MSVOA_U
ClientSampleId :

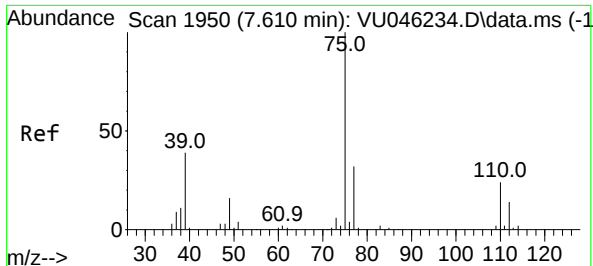
Tgt Ion: 83 Resp: 11762
Ion Ratio Lower Upper
83 100
85 63.9 45.8 85.2



#37
1,2-Dichloropropane
Concen: 5.635 ug/L
RT: 6.693 min Scan# 1665
Delta R.T. -0.100 min
Lab File: VU046254.D
Acq: 10 Dec 2021 04:24

Tgt Ion: 63 Resp: 7588
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.6#





#39

cis-1,3-Dichloropropene

Concen: 0.999 ug/L

RT: 7.565 min Scan# 1950

Delta R.T. -0.045 min

Lab File: VU046254.D

Acq: 10 Dec 2021 04:24

Instrument :

MSVOA_U

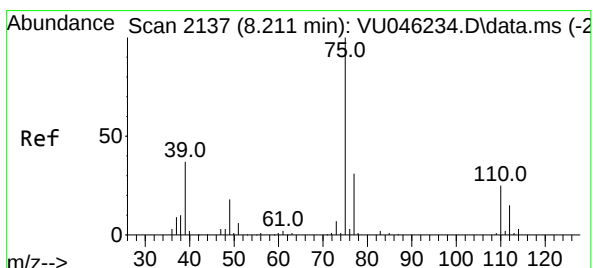
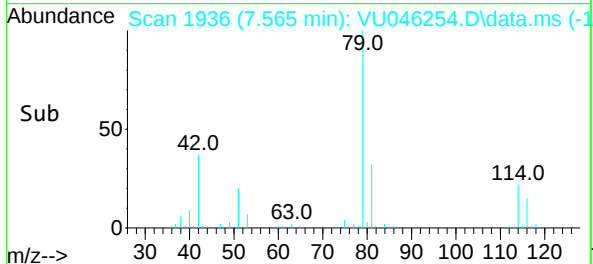
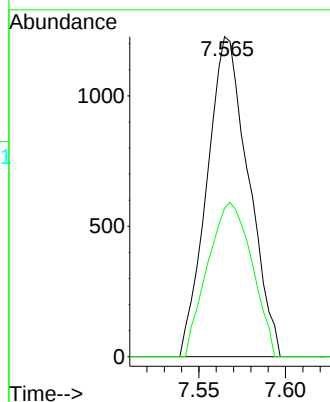
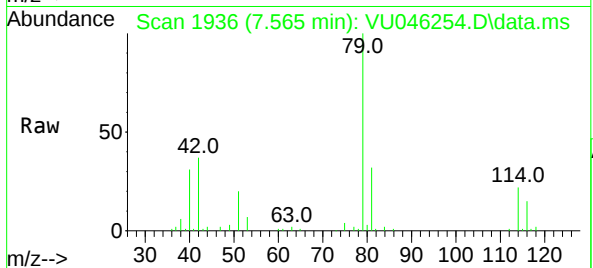
ClientSampleId :

Tgt Ion: 75 Resp: 2046

Ion Ratio Lower Upper

75 100

77 46.4 21.8 40.6#



#44

trans-1,3-Dichloropropene

Concen: 0.674 ug/L

RT: 8.185 min Scan# 2129

Delta R.T. -0.029 min

Lab File: VU046254.D

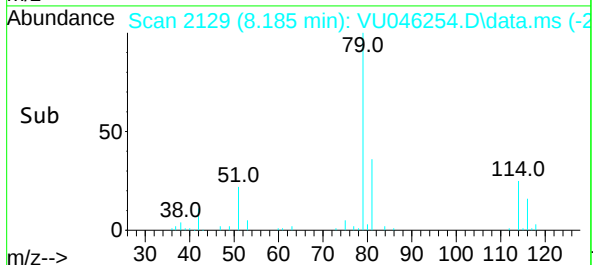
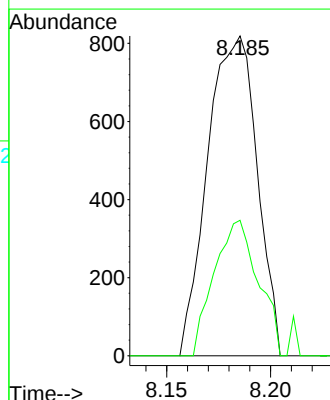
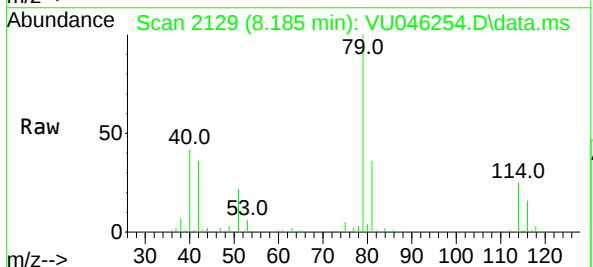
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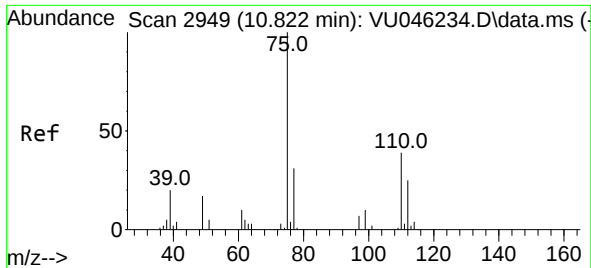
Tgt Ion: 75 Resp: 1356

Ion Ratio Lower Upper

75 100

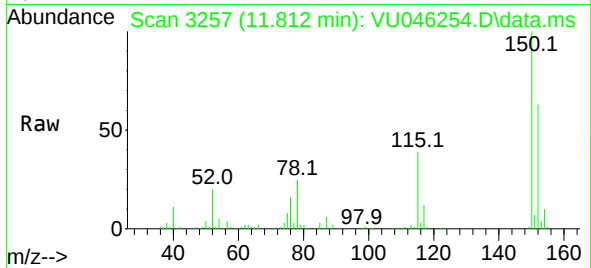
77 42.4 21.7 40.3#





#60
 1,2,3-Trichloropropane
 Concen: 5.674 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU046254.D
 Acq: 10 Dec 2021 04:24

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.6	26.4	39.6
110	1.9	32.4	48.6#

