

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041122\
 Data File : VU047913.D
 Acq On : 11 Apr 2022 18:00
 Operator : SY/MD
 Sample : N2358-04
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

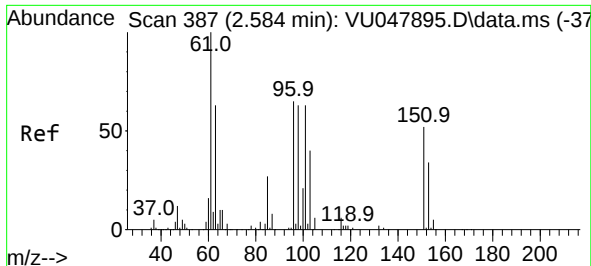
Quant Time: Apr 12 02:04:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 12 01:57:58 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	372295	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	395134	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	197536	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	101179	37.477	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.960%
7) Chloroethane-d5	1.916	69	92229	43.325	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.660%
11) 1,1-Dichloroethene-d2	2.568	63	134476	27.225	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	54.460%#
21) 2-Butanone-d5	4.623	46	188226	81.228	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	81.230%
24) Chloroform-d	5.067	84	204809	41.461	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.920%
26) 1,2-Dichloroethane-d4	5.703	65	132195	43.633	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.260%
32) Benzene-d6	5.729	84	399590	40.189	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.380%
36) 1,2-Dichloropropane-d6	6.694	67	130559	42.757	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.520%
41) Toluene-d8	7.899	98	348175	35.942	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	71.880%#
43) trans-1,3-Dichloroprop...	8.179	79	54939	35.514	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.020%
47) 2-Hexanone-d5	8.636	63	136312	76.258	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	76.260%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	208108	39.713	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	79.420%
66) 1,2-Dichlorobenzene-d4	12.192	152	153679	43.729	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.460%
Target Compounds						
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	1264	0.461	ug/L #	18
12) 1,1-Dichloroethene	2.568	96	1051	0.412	ug/L #	1
37) 1,2-Dichloropropane	6.694	63	13994	4.813	ug/L #	87
39) cis-1,3-Dichloropropene	7.568	75	3384	0.750	ug/L #	58
60) 1,2,3-Trichloropropane	11.812	75	20651	5.546	ug/L #	67

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

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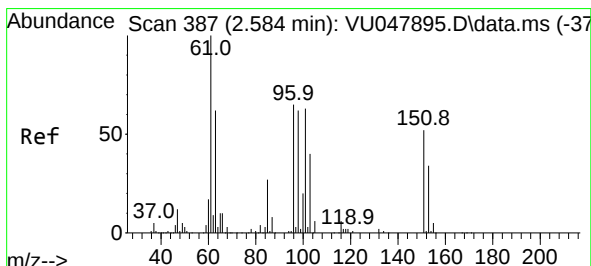
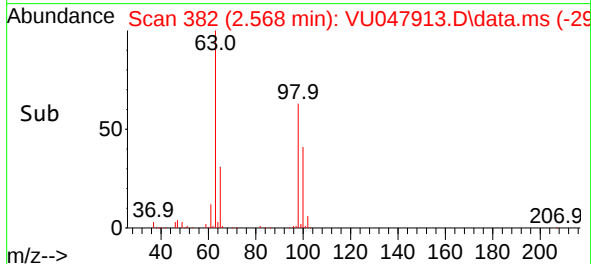
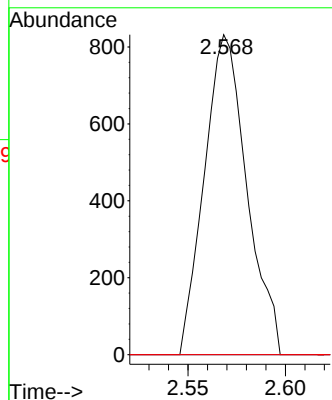
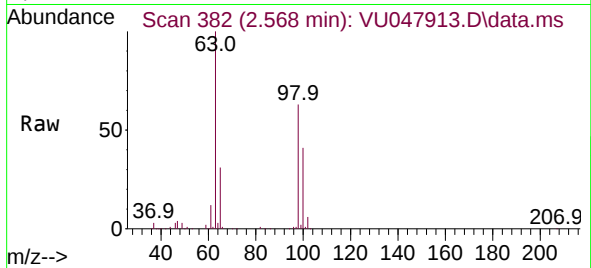




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.461 ug/L
 RT: 2.568 min Scan# 382
 Delta R.T. -0.016 min
 Lab File: VU047913.D
 Acq: 11 Apr 2022 18:00

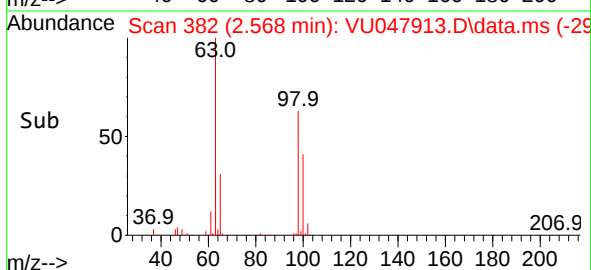
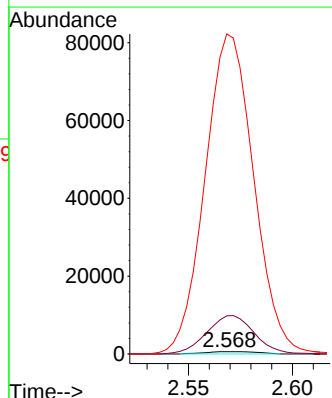
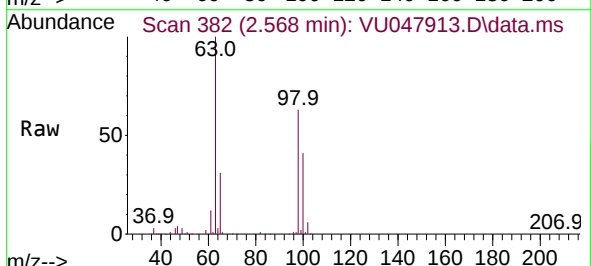
Instrument :
 MSVOA_U
 ClientSampleId :

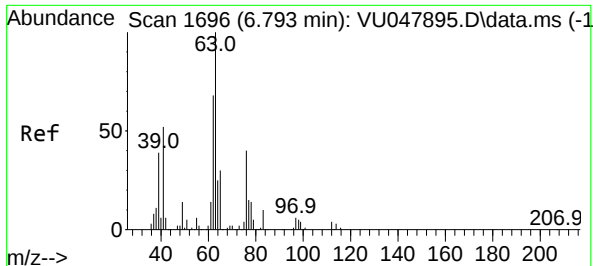
Tgt Ion:101 Resp: 1264
 Ion Ratio Lower Upper
 101 100
 85 0.0 32.8 49.2#
 151 0.0 63.0 94.6#



#12
 1,1-Dichloroethene
 Concen: 0.412 ug/L
 RT: 2.568 min Scan# 382
 Delta R.T. -0.016 min
 Lab File: VU047913.D
 Acq: 11 Apr 2022 18:00

Tgt Ion: 96 Resp: 1051
 Ion Ratio Lower Upper
 96 100
 61 1644.4 113.1 210.1#
 63 13823.2 94.8 176.0#





#37

1,2-Dichloropropane

Concen: 4.813 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU047913.D

Acq: 11 Apr 2022 18:00

Instrument :

MSVOA_U

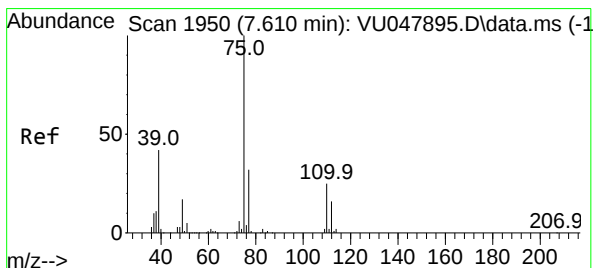
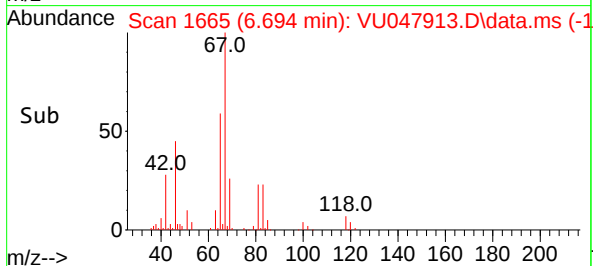
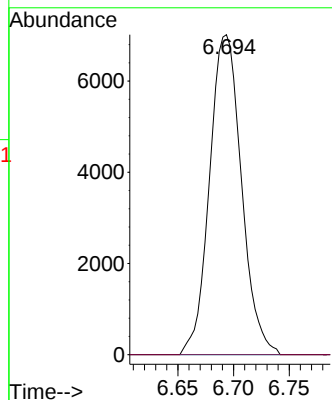
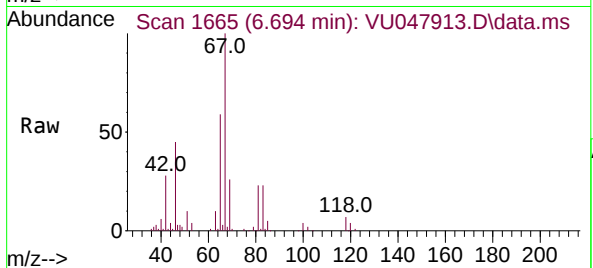
ClientSampleId :

Tgt Ion: 63 Resp: 13994

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#



#39

cis-1,3-Dichloropropene

Concen: 0.750 ug/L

RT: 7.568 min Scan# 1937

Delta R.T. -0.042 min

Lab File: VU047913.D

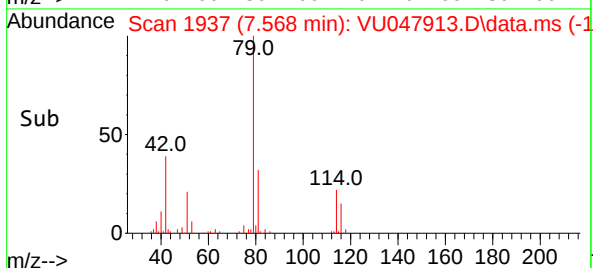
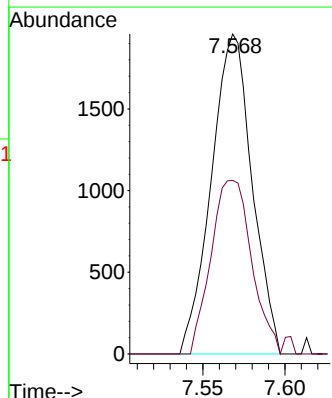
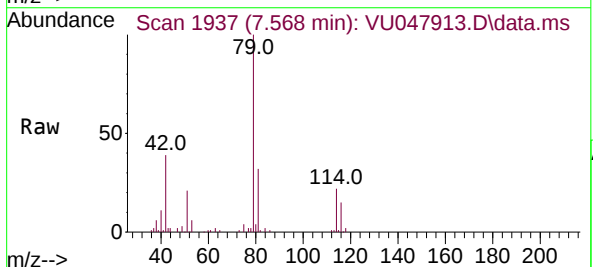
Acq: 11 Apr 2022 18:00

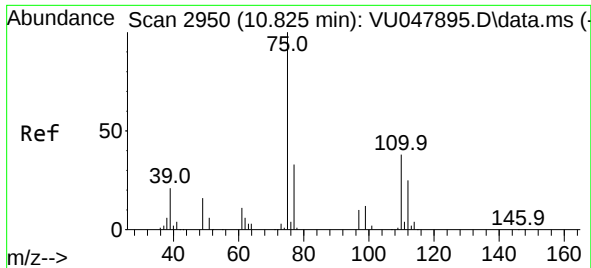
Tgt Ion: 75 Resp: 3384

Ion Ratio Lower Upper

75 100

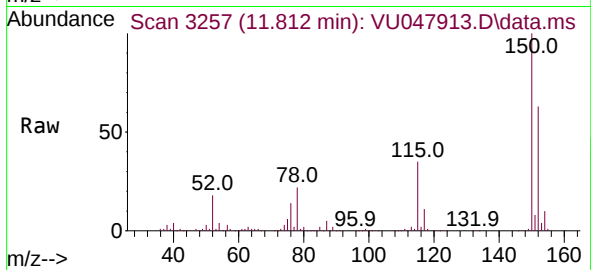
77 54.3 21.8 40.6#





#60
 1,2,3-Trichloropropane
 Concen: 5.546 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU047913.D
 Acq: 11 Apr 2022 18:00

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	75	Resp:	20651
Ion	Ratio	Lower	Upper
75	100		
77	32.5	26.0	39.0
110	2.4	31.4	47.2#

