

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032922\
 Data File : VU047755.D
 Acq On : 29 Mar 2022 17:34
 Operator : SY/MD
 Sample : N2111-02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

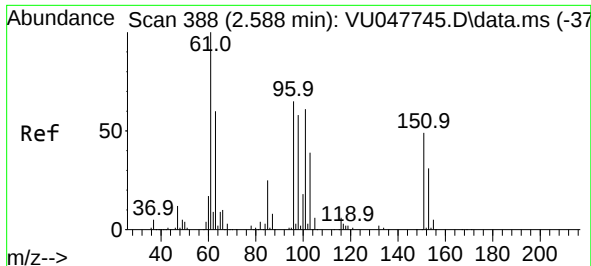
Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 30 01:23:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 30 01:20:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	340359	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	358856	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	192172	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	131763	53.385	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	106.780%
7) Chloroethane-d5	1.919	69	99916	51.340	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.680%
11) 1,1-Dichloroethene-d2	2.571	63	173795	38.487	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.980%
21) 2-Butanone-d5	4.639	46	224867	106.146	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.150%
24) Chloroform-d	5.067	84	220198	48.759	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.520%
26) 1,2-Dichloroethane-d4	5.703	65	147175	53.136	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.280%
32) Benzene-d6	5.729	84	475864	52.699	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.400%
36) 1,2-Dichloropropane-d6	6.694	67	146945	52.989	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.980%
41) Toluene-d8	7.899	98	411746	46.801	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.600%
43) trans-1,3-Dichloroprop...	8.179	79	66273	47.172	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.340%
47) 2-Hexanone-d5	8.636	63	166270	102.421	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.420%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	234641	49.303	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.600%
66) 1,2-Dichlorobenzene-d4	12.192	152	183774	53.752	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.500%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.571	101	1796	0.716	ug/L #	18
12) 1,1-Dichloroethene	2.575	96	1764	0.756	ug/L #	1
35) Methylcyclohexane	6.694	83	35115	8.476	ug/L #	22
39) cis-1,3-Dichloropropene	7.568	75	4225	1.031	ug/L #	70
44) trans-1,3-Dichloropropene	8.179	75	2714	0.663	ug/L #	72
60) 1,2,3-Trichloropropane	11.812	75	21032	5.806	ug/L #	65

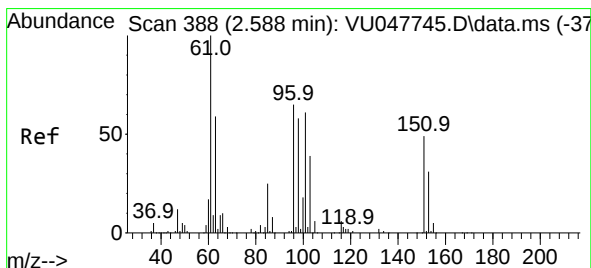
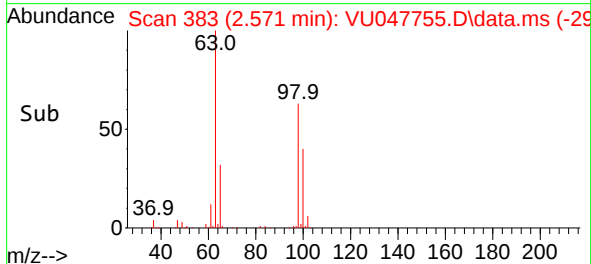
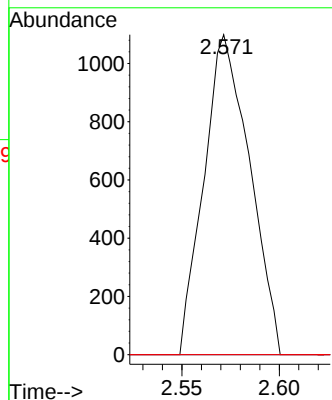
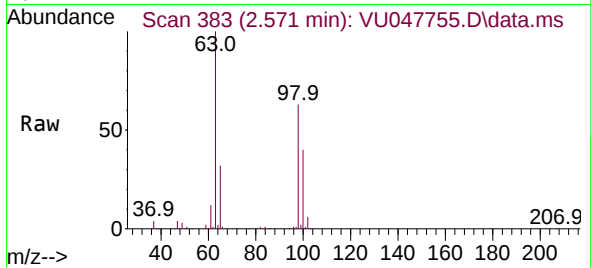
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.716 ug/L
 RT: 2.571 min Scan# 383
 Delta R.T. -0.016 min
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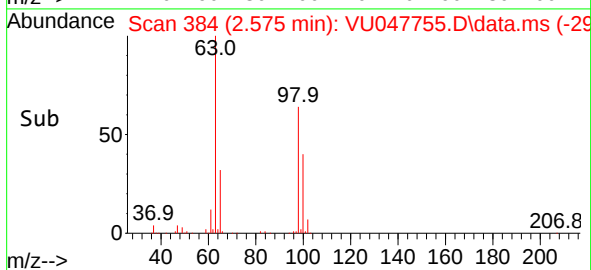
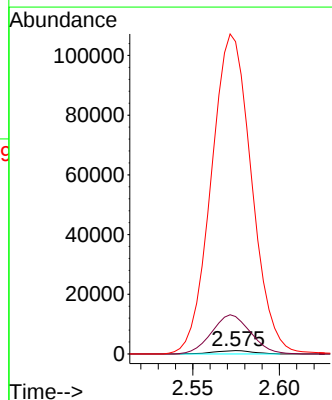
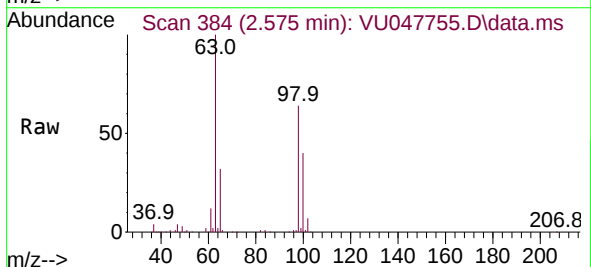
Instrument :
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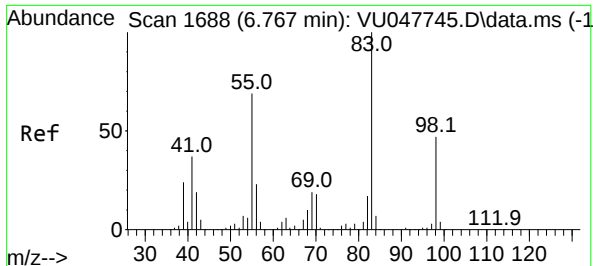
Tgt Ion:101 Resp: 1796
 Ion Ratio Lower Upper
 101 100
 85 0.0 32.8 49.2#
 151 0.0 63.0 94.6#



#12
 1,1-Dichloroethene
 Concen: 0.756 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.013 min
 Lab File: VU047755.D
 Acq: 29 Mar 2022 17:34

Tgt Ion: 96 Resp: 1764
 Ion Ratio Lower Upper
 96 100
 61 1120.9 113.1 210.1#
 63 9351.9 94.8 176.0#





#35

Methylcyclohexane

Concen: 8.476 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU047755.D

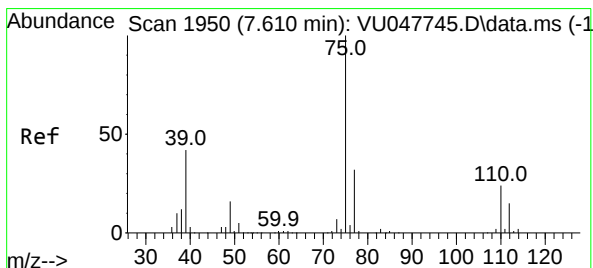
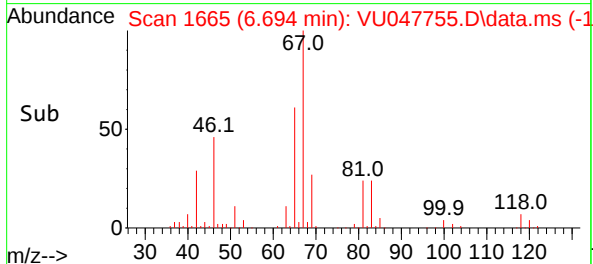
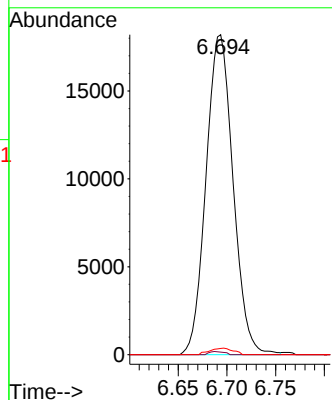
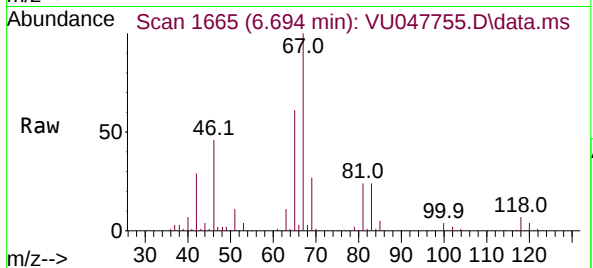
Acq: 29 Mar 2022 17:34

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 35115
Ion Ratio	Lower Upper
83 100	
55 0.5	56.8 85.2#
98 1.8	38.1 57.1#



#39

cis-1,3-Dichloropropene

Concen: 1.031 ug/L

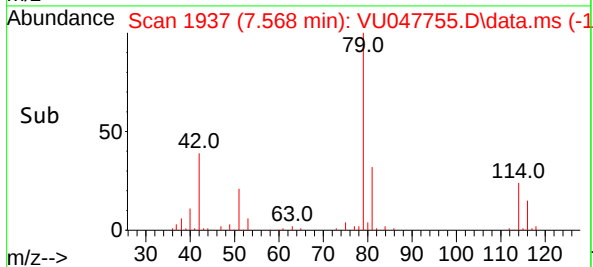
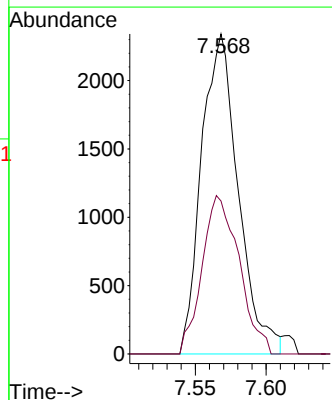
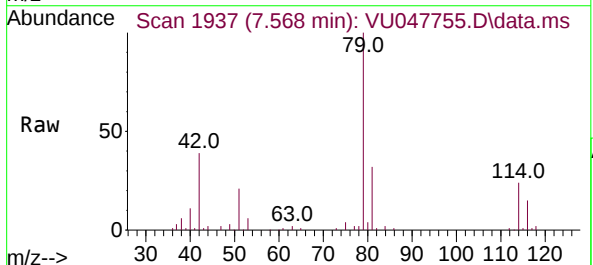
RT: 7.568 min Scan# 1937

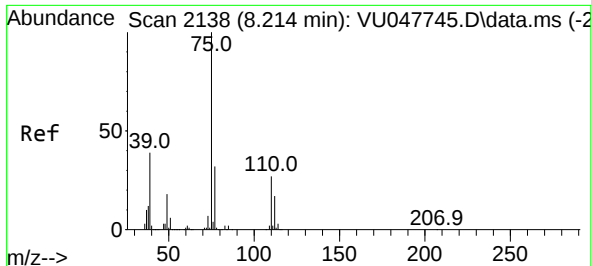
Delta R.T. -0.042 min

Lab File: VU047755.D

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Tgt Ion: 75	Resp: 4225
Ion Ratio	Lower Upper
75 100	
77 47.8	21.8 40.6#

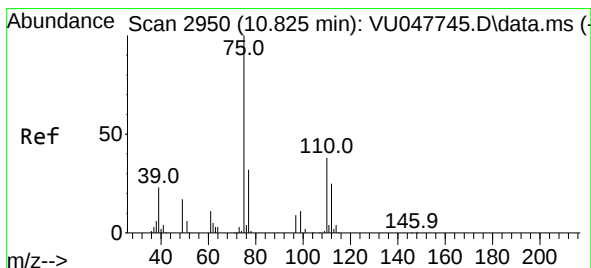
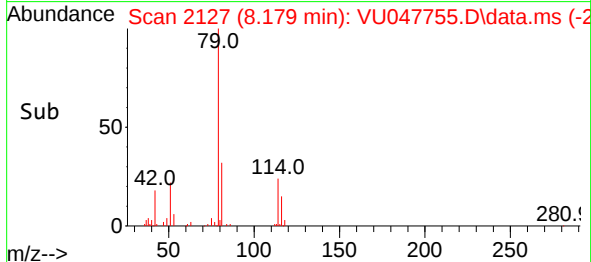
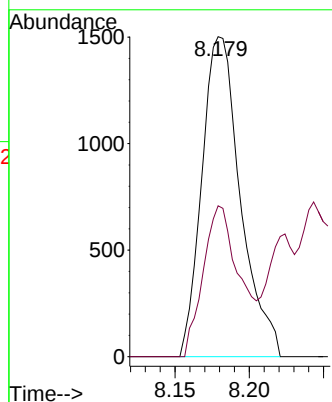
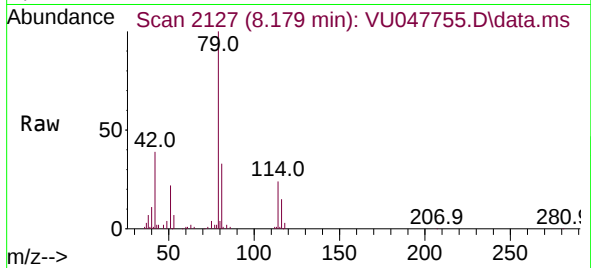




#44
trans-1,3-Dichloropropene
Concen: 0.663 ug/L
RT: 8.179 min Scan# 2138
Delta R.T. -0.035 min
Lab File: VU047755.D
Acq: 29 Mar 2022 17:34

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 2714
Ion Ratio Lower Upper
75 100
77 47.1 22.0 40.8#



#60
1,2,3-Trichloropropane
Concen: 5.806 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.987 min
Lab File: VU047755.D
Acq: 29 Mar 2022 17:34

Tgt Ion: 75 Resp: 21032
Ion Ratio Lower Upper
75 100
77 30.0 26.0 39.0
110 2.2 31.4 47.2#

