

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051122\
 Data File : VU048512.D
 Acq On : 11 May 2022 13:12
 Operator : SY/MD
 Sample : N2736-20
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

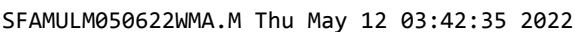
Quant Time: May 12 03:42:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM050622WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu May 12 03:40:41 2022
 Response via : Initial Calibration

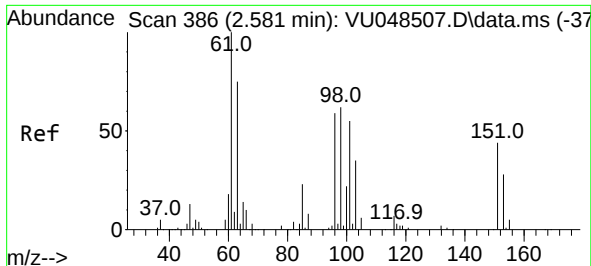
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	270247	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	272512	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	143000	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	85731	36.835	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.680%
7) Chloroethane-d5	1.916	69	62873	41.392	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.780%
11) 1,1-Dichloroethene-d2	2.568	63	139486	33.675	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.340%
21) 2-Butanone-d5	4.633	46	167385	84.448	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	84.450%
24) Chloroform-d	5.063	84	199049	49.238	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.480%
26) 1,2-Dichloroethane-d4	5.703	65	146063	55.583	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.160%
32) Benzene-d6	5.729	84	374615	45.237	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.480%
36) 1,2-Dichloropropane-d6	6.694	67	112783	41.765	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	83.520%
41) Toluene-d8	7.899	98	342408	46.752	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.500%
43) trans-1,3-Dichloroprop...	8.179	79	63326	50.949	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.900%
47) 2-Hexanone-d5	8.636	63	122189	93.486	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.490%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	171237	41.629	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	83.260%
66) 1,2-Dichlorobenzene-d4	12.195	152	142438	50.303	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.600%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	1227	0.613	ug/L #	19
12) 1,1-Dichloroethene	2.572	96	937	0.495	ug/L #	1
35) Methylcyclohexane	6.694	83	28588	7.769	ug/L #	18
37) 1,2-Dichloropropane	6.694	63	14226	5.432	ug/L #	88
39) cis-1,3-Dichloropropene	7.568	75	3984	1.070	ug/L	83
44) trans-1,3-Dichloropropene	8.182	75	2804	0.775	ug/L #	80
60) 1,2,3-Trichloropropane	11.812	75	14231	3.812	ug/L #	62

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

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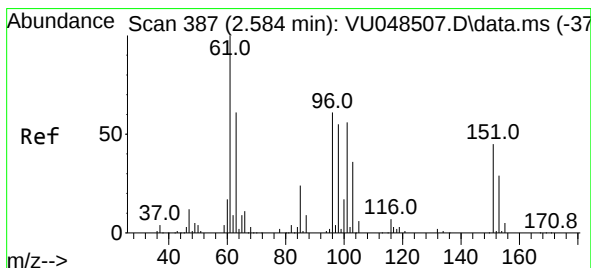
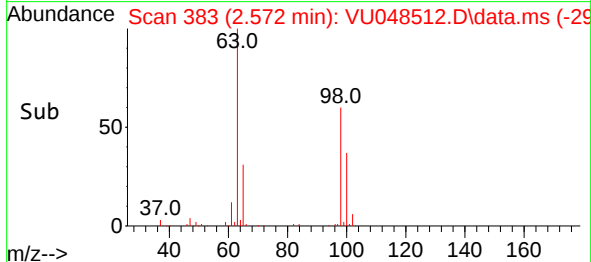
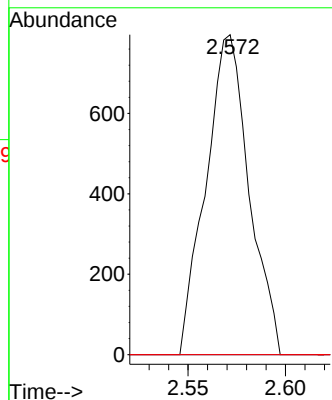
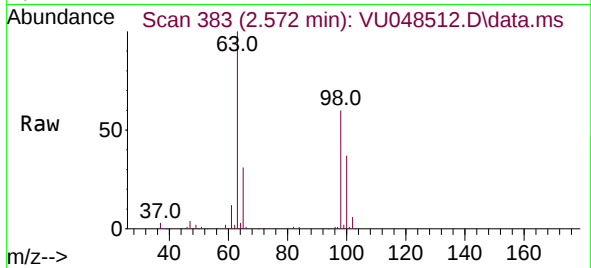




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.613 ug/L
 RT: 2.572 min Scan# 383
 Delta R.T. -0.010 min
 Lab File: VU048512.D
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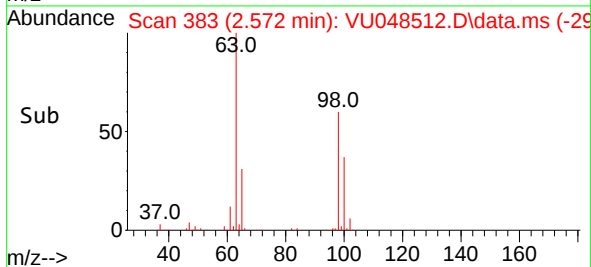
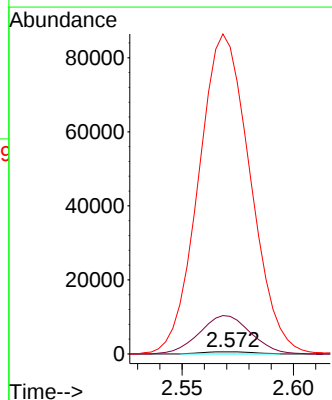
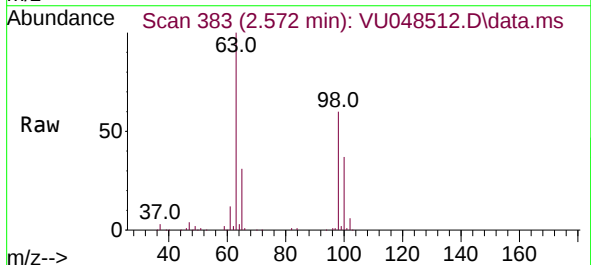
Instrument :
 MSVOA_U
 ClientSampleId :

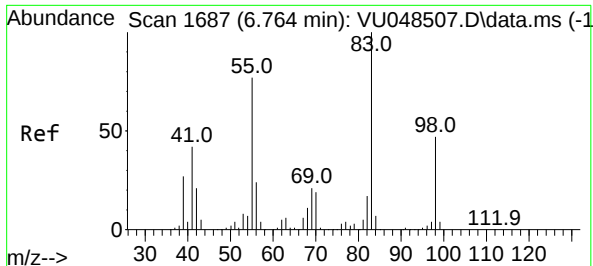
Tgt Ion:101 Resp: 1227
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.8 52.2#
 151 0.0 60.7 91.1#



#12
 1,1-Dichloroethene
 Concen: 0.495 ug/L
 RT: 2.572 min Scan# 383
 Delta R.T. -0.013 min
 Lab File: VU048512.D
 Acq: 11 May 2022 13:12

Tgt Ion: 96 Resp: 937
 Ion Ratio Lower Upper
 96 100
 61 1738.8 124.5 231.3#
 63 14178.5 92.5 171.9#





#35

Methylcyclohexane

Concen: 7.769 ug/L

RT: 6.694 min Scan# 1665

Delta R.T. -0.071 min

Lab File: VU048512.D

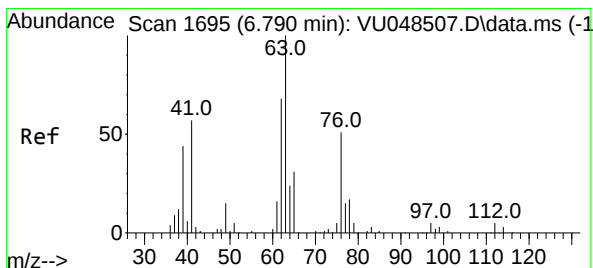
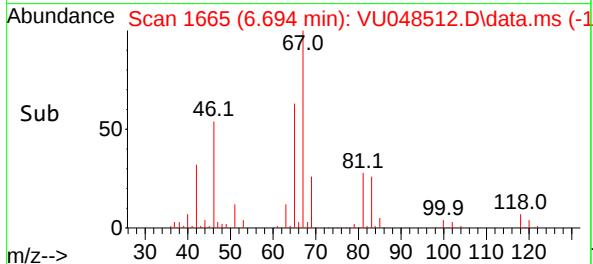
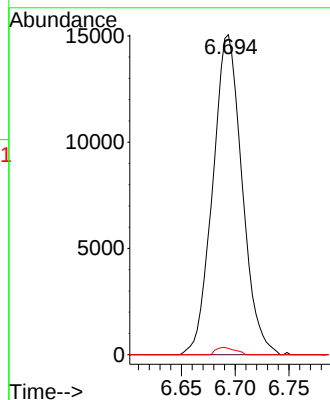
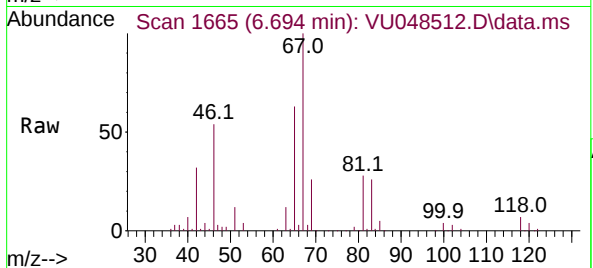
Acq: 11 May 2022 13:12

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	83	Resp:	28588
Ion Ratio	Lower	Upper	
83	100		
55	0.0	63.4	95.2#
98	1.5	35.9	53.9#



#37

1,2-Dichloropropane

Concen: 5.432 ug/L

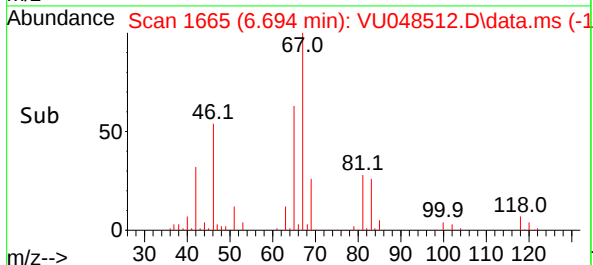
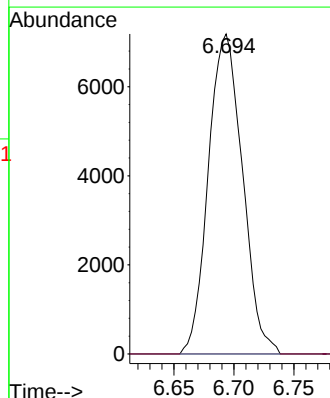
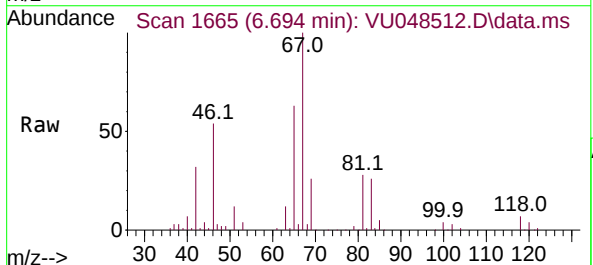
RT: 6.694 min Scan# 1665

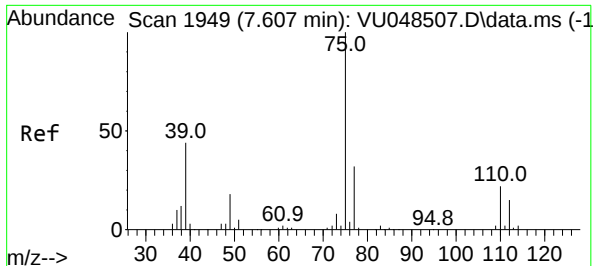
Delta R.T. -0.097 min

Lab File: VU048512.D

Acq: 11 May 2022 13:12

Tgt Ion:	63	Resp:	14226
Ion Ratio	Lower	Upper	
63	100		
112	0.0	3.1	4.7#





#39

cis-1,3-Dichloropropene

Concen: 1.070 ug/L

RT: 7.568 min Scan# 1949

Delta R.T. -0.039 min

Lab File: VU048512.D

Acq: 11 May 2022 13:12

Instrument :

MSVOA_U

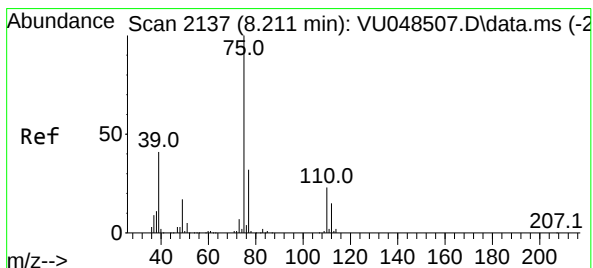
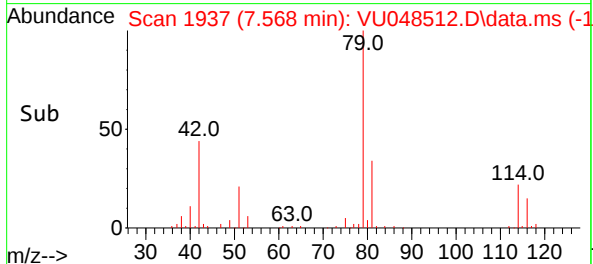
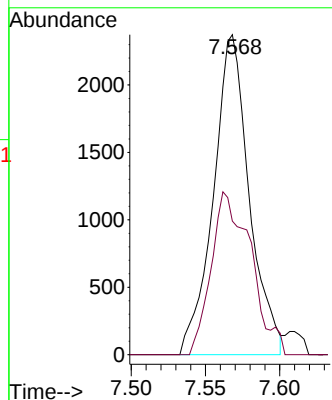
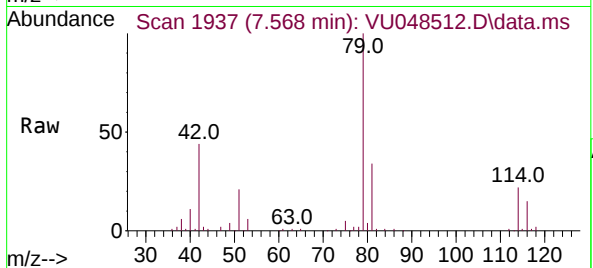
ClientSampleId :

Tgt Ion: 75 Resp: 3984

Ion Ratio Lower Upper

75 100

77 41.8 22.5 41.9



#44

trans-1,3-Dichloropropene

Concen: 0.775 ug/L

RT: 8.182 min Scan# 2128

Delta R.T. -0.029 min

Lab File: VU048512.D

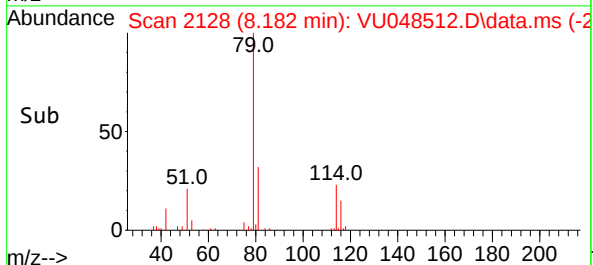
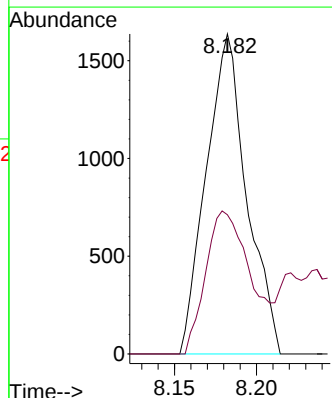
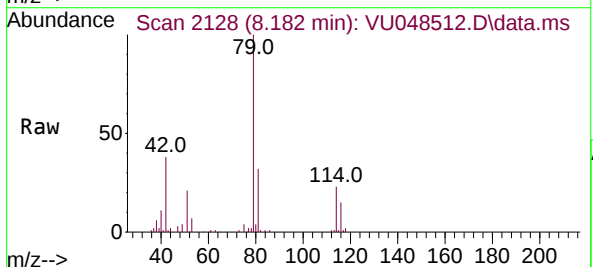
Acq: 11 May 2022 13:12

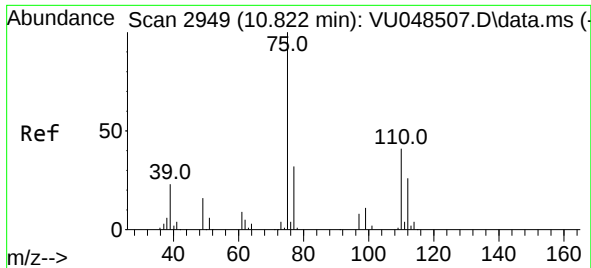
Tgt Ion: 75 Resp: 2804

Ion Ratio Lower Upper

75 100

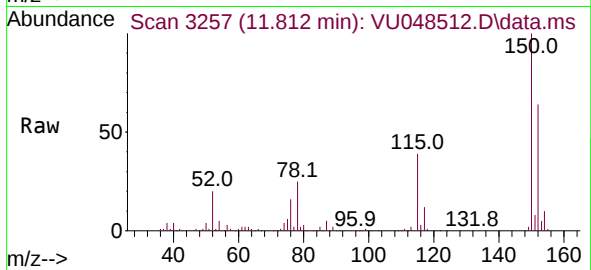
77 43.5 22.6 42.0#





#60
 1,2,3-Trichloropropane
 Concen: 3.812 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU048512.D
 Acq: 11 May 2022 13:12

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
77	39.6	25.5	38.3#
110	1.2	28.9	43.3#

