

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041222\
 Data File : VU047947.D
 Acq On : 12 Apr 2022 12:00
 Operator : SY/MD
 Sample : N2316-02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

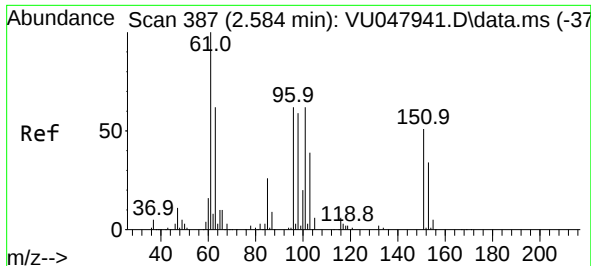
Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 13 01:33:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 13 01:28:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	351659	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	371695	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	194273	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	149514	58.630	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery	= 117.260%		
7) Chloroethane-d5	1.912	69	123216	61.278	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery	= 122.560%		
11) 1,1-Dichloroethene-d2	2.568	63	184925	39.636	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery	= 79.280%		
21) 2-Butanone-d5	4.623	46	229395	104.803	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery	= 104.800%		
24) Chloroform-d	5.067	84	253950	54.425	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery	= 108.860%		
26) 1,2-Dichloroethane-d4	5.703	65	166040	58.020	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery	= 116.040%		
32) Benzene-d6	5.729	84	519707	55.566	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery	= 111.140%		
36) 1,2-Dichloropropane-d6	6.690	67	165177	57.506	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery	= 115.020%		
41) Toluene-d8	7.899	98	466001	51.139	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery	= 102.280%		
43) trans-1,3-Dichloroprop...	8.179	79	70274	48.292	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery	= 96.580%		
47) 2-Hexanone-d5	8.632	63	165939	98.686	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery	= 98.690%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	247742	50.257	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery	= 100.520%		
66) 1,2-Dichlorobenzene-d4	12.195	152	195445	56.547	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery	= 113.100%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	1865	0.720	ug/L #	18
12) 1,1-Dichloroethene	2.572	96	1551	0.643	ug/L #	1
35) Methylcyclohexane	6.694	83	38233	8.910	ug/L #	21
37) 1,2-Dichloropropane	6.690	63	17125	6.261	ug/L #	87
39) cis-1,3-Dichloropropene	7.565	75	4144	0.976	ug/L #	49
44) trans-1,3-Dichloropropene	8.182	75	3031	0.715	ug/L #	82
60) 1,2,3-Trichloropropane	11.812	75	20390	5.567	ug/L #	67

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



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.720 ug/L

RT: 2.568 min Scan# 382

Delta R.T. -0.016 min

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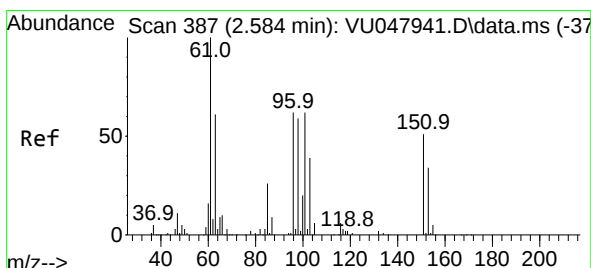
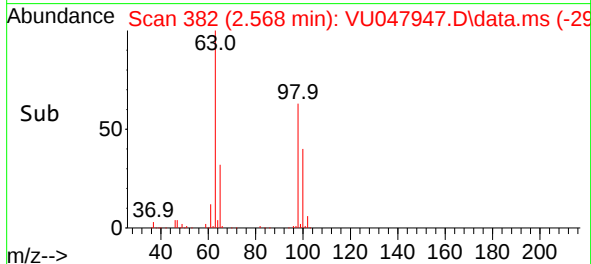
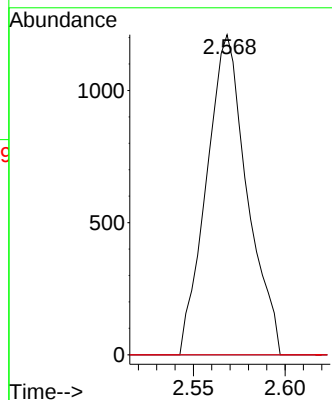
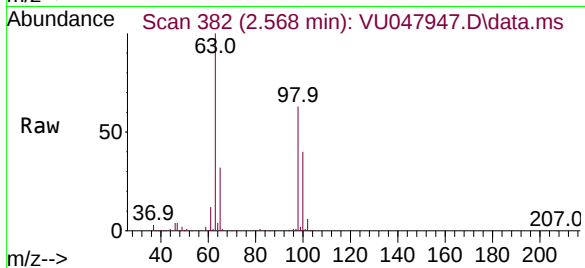
Tgt Ion:101 Resp: 1865

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: 0.643 ug/L

RT: 2.572 min Scan# 383

Delta R.T. -0.013 min

Lab File: VU047947.D

Acq: 12 Apr 2022 12:00

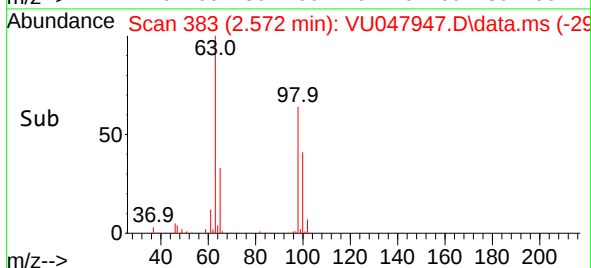
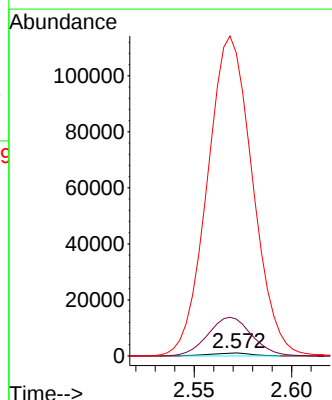
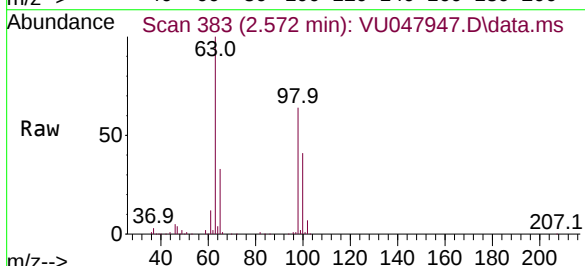
Tgt Ion: 96 Resp: 1551

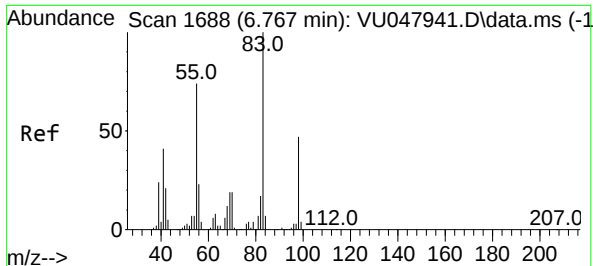
Ion Ratio Lower Upper

96 100

61 1238.6 113.1 210.1#

63 10154.6 94.8 176.0#





#35

Methylcyclohexane

Concen: 8.910 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU047947.D

Acq: 12 Apr 2022 12:00

Instrument :

MSVOA_U

ClientSampleId :

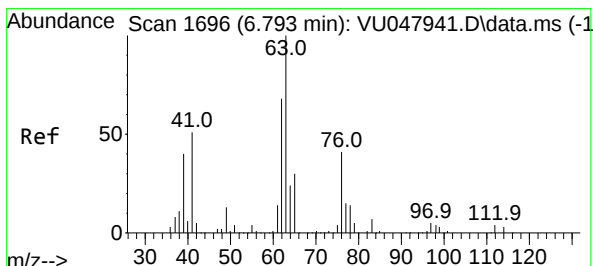
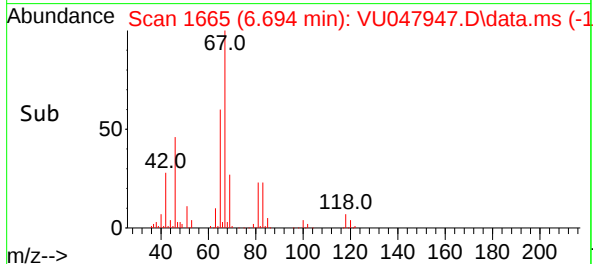
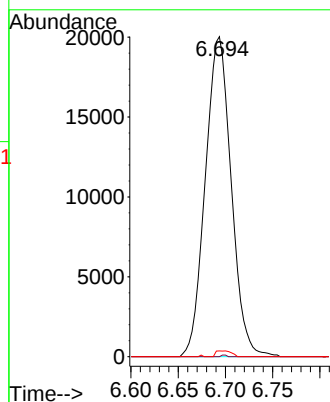
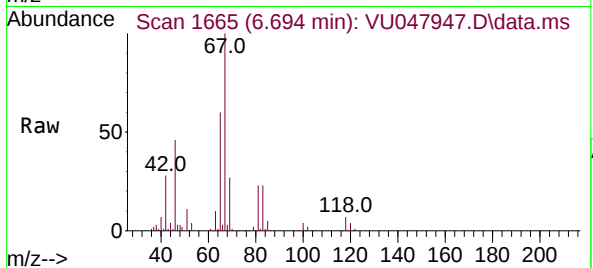
Tgt Ion: 83 Resp: 38233

Ion Ratio Lower Upper

83 100

55 0.1 56.8 85.2#

98 0.5 38.1 57.1#



#37

1,2-Dichloropropane

Concen: 6.261 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.103 min

Lab File: VU047947.D

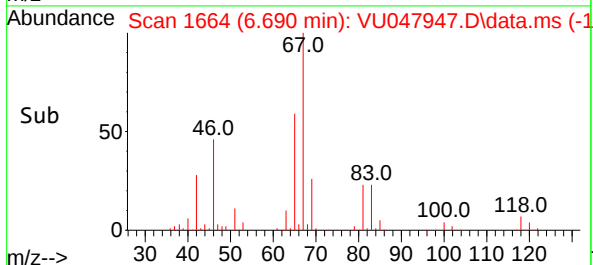
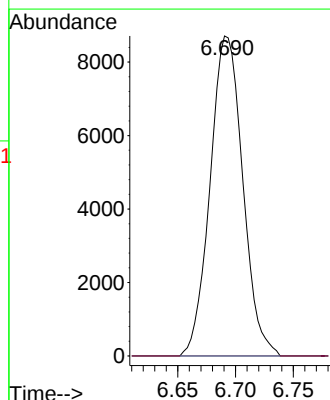
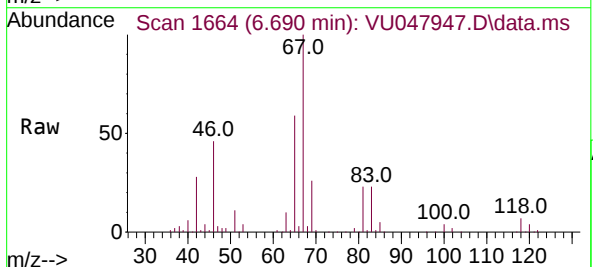
Acq: 12 Apr 2022 12:00

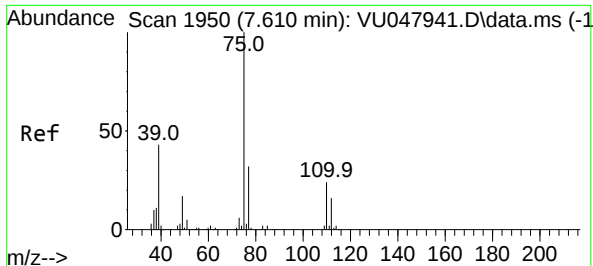
Tgt Ion: 63 Resp: 17125

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#

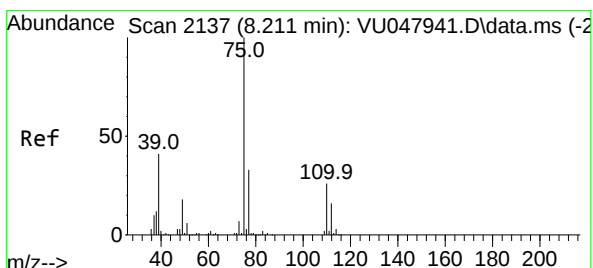
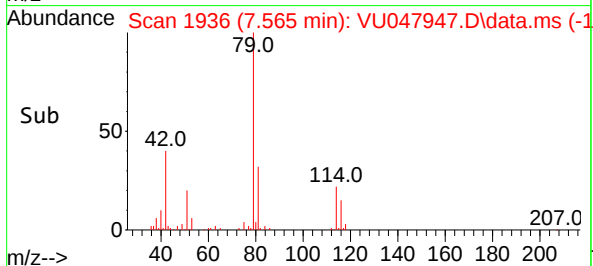
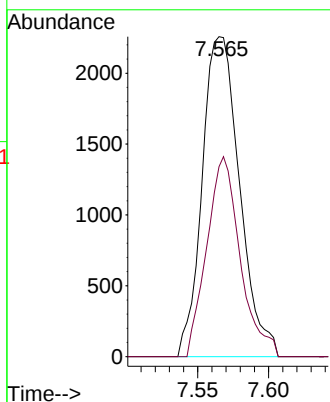
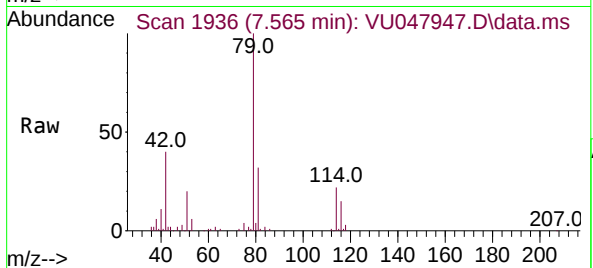




#39
 cis-1,3-Dichloropropene
 Concen: 0.976 ug/L
 RT: 7.565 min Scan# 1950
 Delta R.T. -0.045 min
 Lab File: VU047947.D
 Acq: 12 Apr 2022 12:00

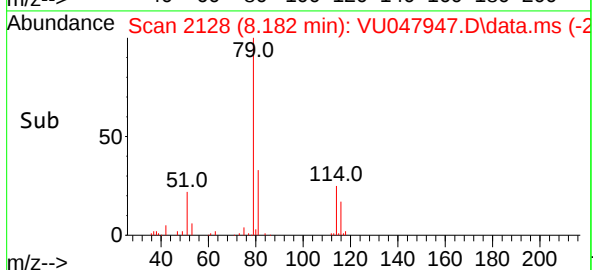
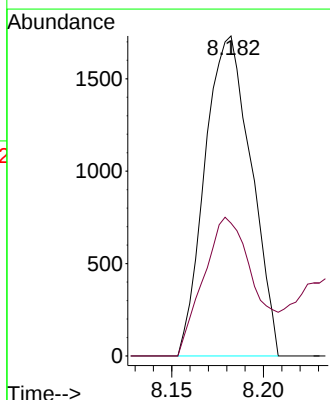
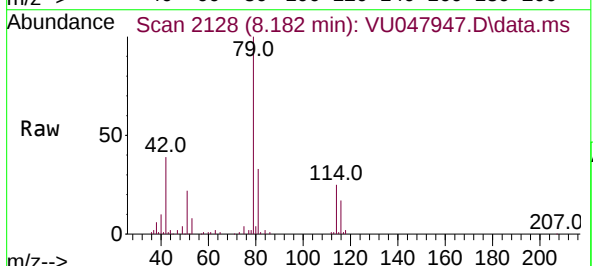
Instrument :
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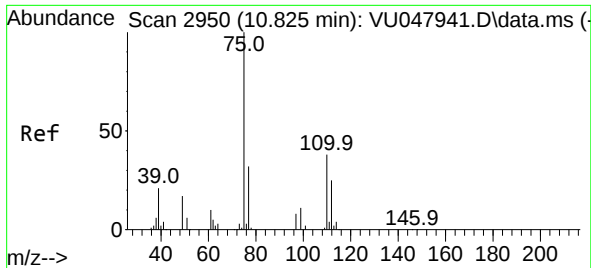
Tgt Ion: 75 Resp: 4144
 Ion Ratio Lower Upper
 75 100
 77 59.3 21.8 40.6#



#44
 trans-1,3-Dichloropropene
 Concen: 0.715 ug/L
 RT: 8.182 min Scan# 2128
 Delta R.T. -0.029 min
 Lab File: VU047947.D
 Acq: 12 Apr 2022 12:00

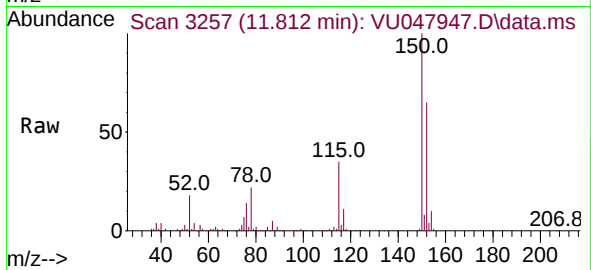
Tgt Ion: 75 Resp: 3031
 Ion Ratio Lower Upper
 75 100
 77 41.5 22.0 40.8#





#60
 1,2,3-Trichloropropane
 Concen: 5.567 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU047947.D
 Acq: 12 Apr 2022 12:00

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75	Resp:	20390
Ion Ratio	Lower	Upper
75	100	
77	32.7	26.0 39.0
110	2.3	31.4 47.2#

