

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041322\
 Data File : VU048040.D
 Acq On : 14 Apr 2022 05:41
 Operator : SY/MD
 Sample : N2386-16 100X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 53 Sample Multiplier: 1

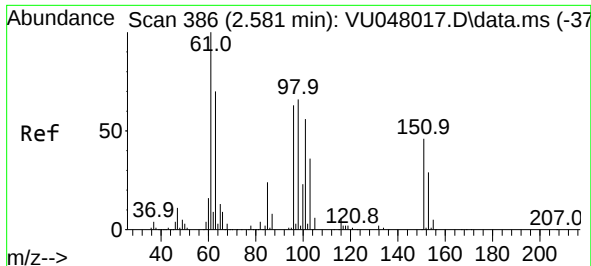
Instrument :
 MSVOA_U
 ClientSampleId :
 C0J42

Quant Time: Apr 14 07:21:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 14 06:53:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	326012	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	346700	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	177295	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	99525	42.098	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.200%
7) Chloroethane-d5	1.916	69	91892	49.295	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.600%
11) 1,1-Dichloroethene-d2	2.572	63	137190	31.718	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.440%
21) 2-Butanone-d5	4.620	46	195700	96.443	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.440%
24) Chloroform-d	5.067	84	203872	47.130	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.260%
26) 1,2-Dichloroethane-d4	5.703	65	132122	49.800	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.600%
32) Benzene-d6	5.729	84	413197	47.364	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.720%
36) 1,2-Dichloropropane-d6	6.694	67	136125	50.808	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.620%
41) Toluene-d8	7.899	98	362662	42.668	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.340%
43) trans-1,3-Dichloroprop...	8.179	79	52428	38.626	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.260%
47) 2-Hexanone-d5	8.632	63	134789	85.940	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.940%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	211598	46.020	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.040%
66) 1,2-Dichlorobenzene-d4	12.195	152	156671	49.670	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.340%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	1250	0.520	ug/L #	18
12) 1,1-Dichloroethene	2.572	96	1234	0.552	ug/L #	1
37) 1,2-Dichloropropane	6.690	63	14031	5.500	ug/L #	87
39) cis-1,3-Dichloropropene	7.562	75	2992	0.756	ug/L #	57
51) Chlorobenzene	9.446	112	5354	0.716	ug/L	95
67) 1,2-Dichlorobenzene	12.214	146	5393	1.012	ug/L #	91

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



#10

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

Concen: 0.520 ug/L

RT: 2.568 min Scan# 382

Delta R.T. -0.013 min

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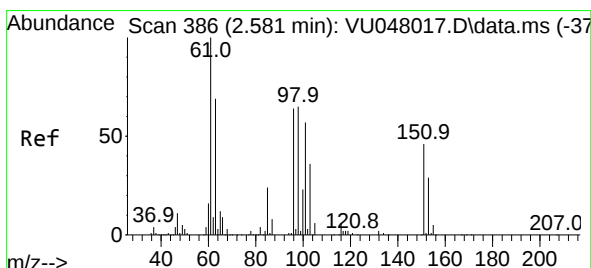
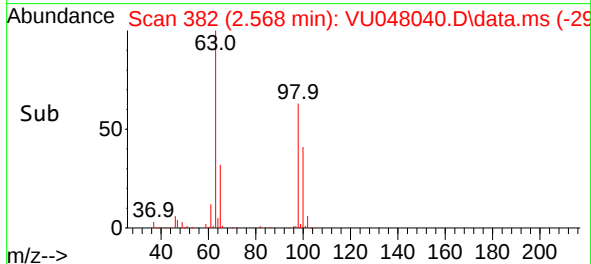
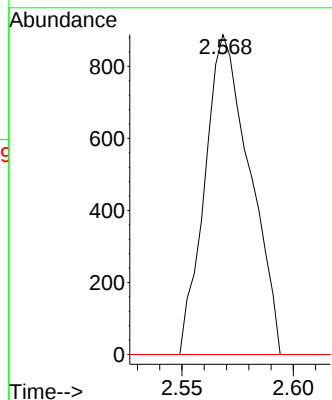
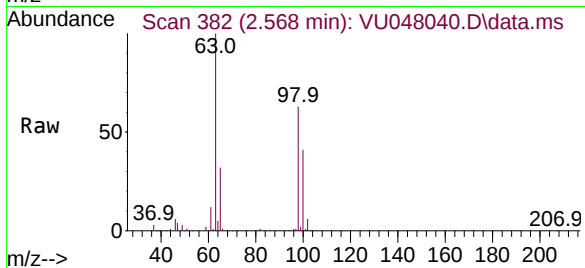
Tgt Ion:101 Resp: 1250

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: 0.552 ug/L

RT: 2.572 min Scan# 383

Delta R.T. -0.010 min

Lab File: VU048040.D

Acq: 14 Apr 2022 05:41

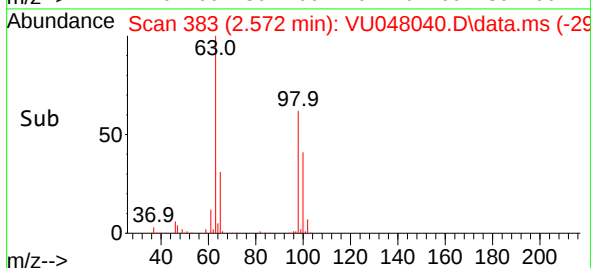
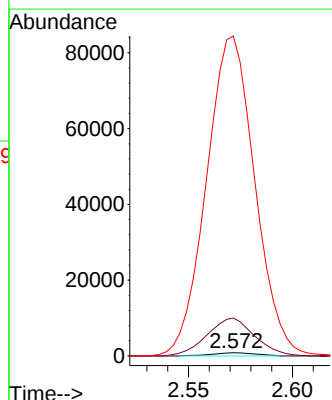
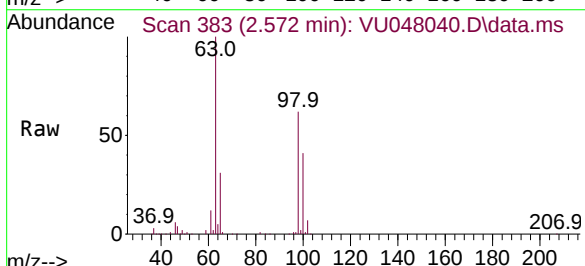
Tgt Ion: 96 Resp: 1234

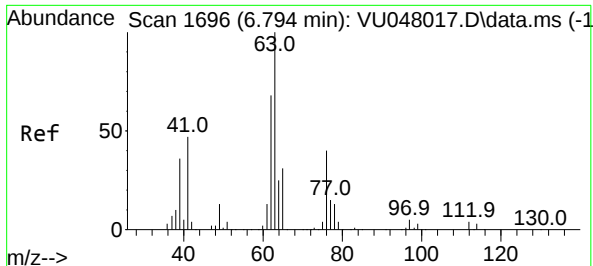
Ion Ratio Lower Upper

96 100

61 1177.7 113.1 210.1#

63 9957.5 94.8 176.0#

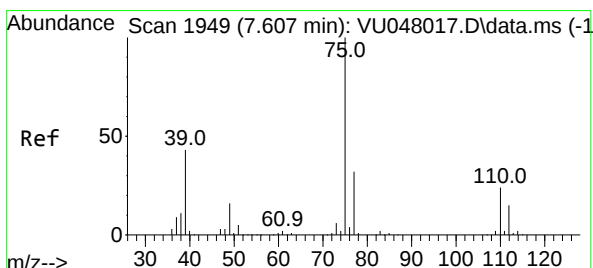
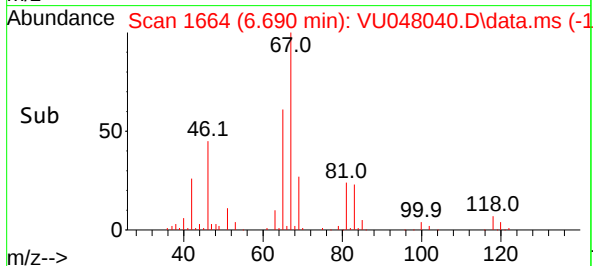
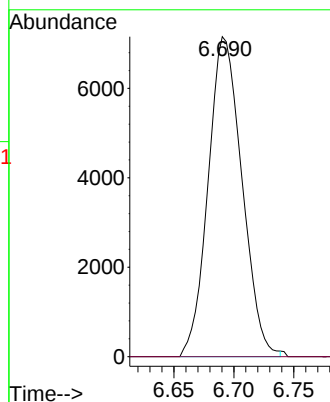
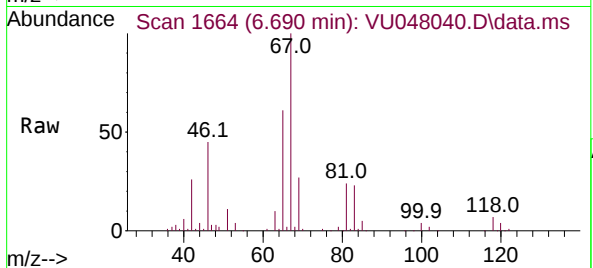




#37
1,2-Dichloropropane
Concen: 5.500 ug/L
RT: 6.690 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU048040.D
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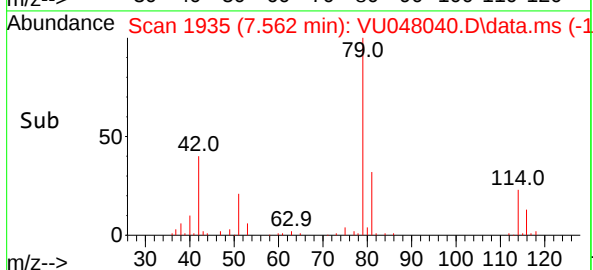
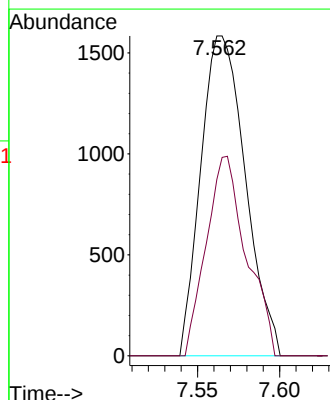
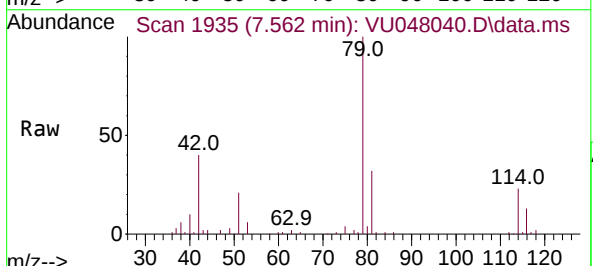
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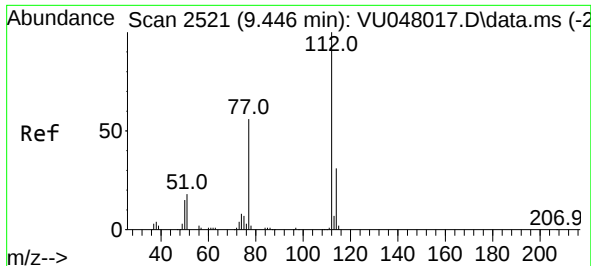
Tgt Ion: 63 Resp: 14031
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#



#39
cis-1,3-Dichloropropene
Concen: 0.756 ug/L
RT: 7.562 min Scan# 1935
Delta R.T. -0.045 min
Lab File: VU048040.D
Acq: 14 Apr 2022 05:41

Tgt Ion: 75 Resp: 2992
Ion Ratio Lower Upper
75 100
77 55.1 21.8 40.6#

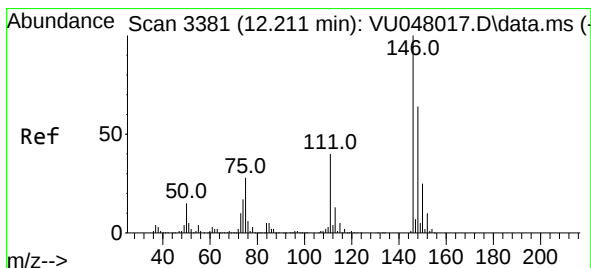
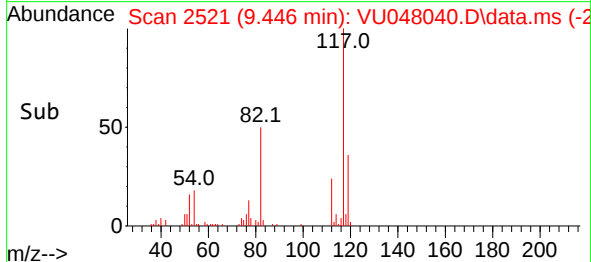
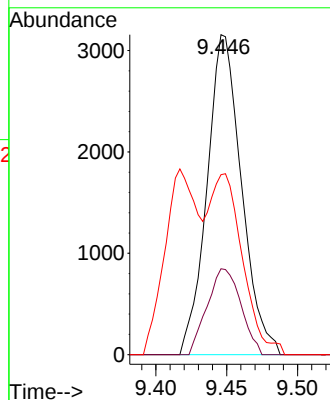
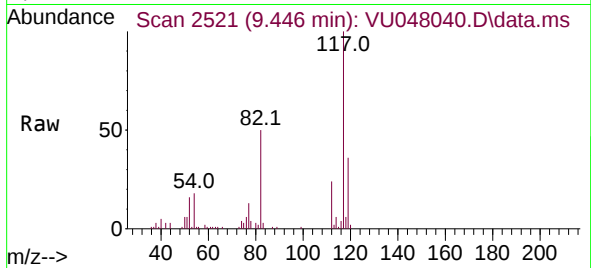




#51
Chlorobenzene
Concen: 0.716 ug/L
RT: 9.446 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU048040.D
Acq: 14 Apr 2022 05:41

Instrument :
MSVOA_U
ClientSampleId :
C0J42

Tgt Ion:	112	Resp:	5354
Ion Ratio	Lower	Upper	
112	100		
114	26.8	22.1	41.1
77	56.2	43.4	65.0



#67
1,2-Dichlorobenzene
Concen: 1.012 ug/L
RT: 12.214 min Scan# 3382
Delta R.T. 0.003 min
Lab File: VU048040.D
Acq: 14 Apr 2022 05:41

Tgt Ion:	146	Resp:	5393
Ion Ratio	Lower	Upper	
146	100		
111	48.6	31.7	47.5#
148	68.4	51.4	77.2

