

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040920\
 Data File : VU037630.D
 Acq On : 09 Apr 2020 19:54
 Operator : JC/MD
 Sample : L1885-04
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 10 03:15:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 10 03:10:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	533807	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	506082	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	243667	50.00	ug/L	0.00

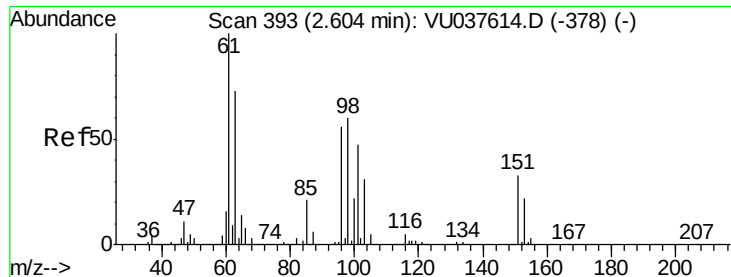
System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	207352	44.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.88%
7) Chloroethane-d5	1.93	69	178957	47.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.90%
11) 1,1-Dichloroethene-d2	2.59	63	268943	35.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.74%
21) 2-Butanone-d5	4.66	46	400243	105.86	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.86%
24) Chloroform-d	5.10	84	339884	48.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.94%
26) 1,2-Dichloroethane-d4	5.74	65	240419	50.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.92%
32) Benzene-d6	5.76	84	742093	49.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.68%
36) 1,2-Dichloropropane-d6	6.72	67	250449	50.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.06%
41) Toluene-d8	7.92	98	674643	48.87	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.74%
43) trans-1,3-Dichloropropene-	8.20	79	131099	48.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.86%
47) 2-Hexanone-d5	8.65	63	295282	104.06	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.06%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	350501	50.07	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.14%
64) 1,2-Dichlorobenzene-d4	12.20	152	245731	48.46	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.92%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	2439	0.725	ug/L #	24
13) Acetone	2.66	43	8332	3.731	ug/L	99
25) Chloroform	5.12	83	7252	1.074	ug/L	82
37) 1,2-Dichloropropane	6.72	63	25960	6.134	ug/L #	87
46) Tetrachloroethene	8.57	164	196281	69.582	ug/L	98
59) 1,2,3-Trichloropropane	11.83	75	32052	5.575	ug/L	89

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



#10

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

Concen: 0.725 ug/L

RT: 2.59 min Scan# 388

Delta R.T. -0.02 min

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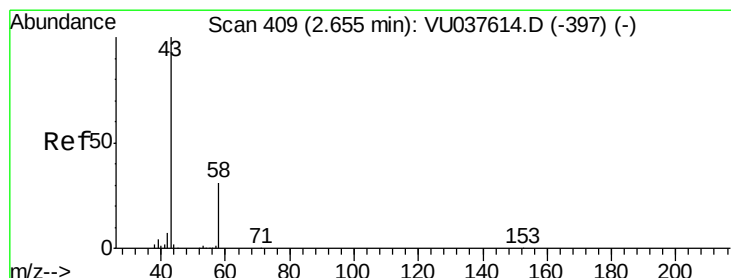
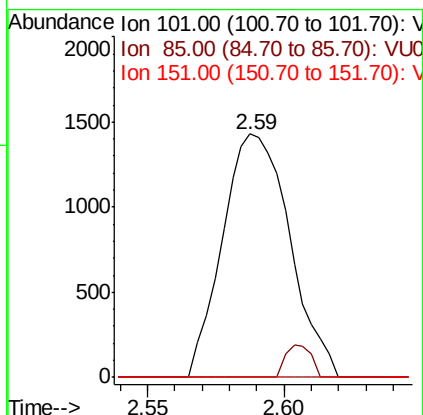
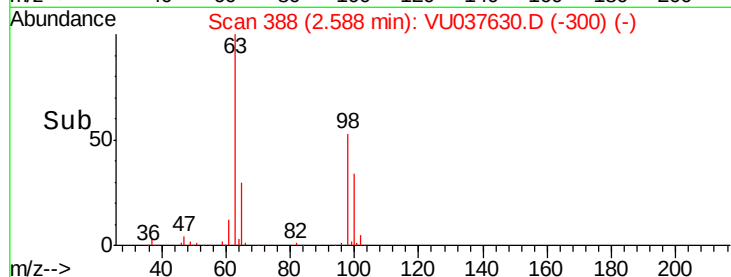
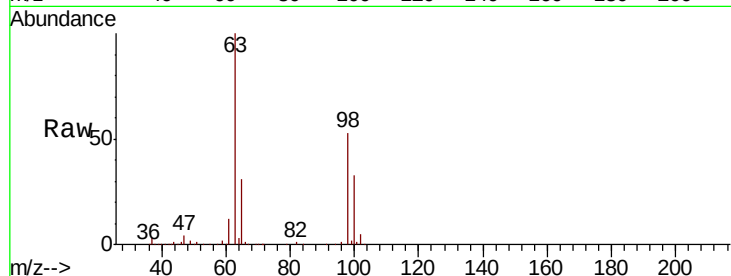
Tot Ion:101 Resp: 2439

Ion Ratio Lower Upper

101 100

85 5.2 34.5 51.7#

151 0.0 56.8 85.2#



#13

Acetone

Concen: 3.731 ug/L

RT: 2.66 min Scan# 409

Delta R.T. 0.00 min

Lab File: VU037630.D

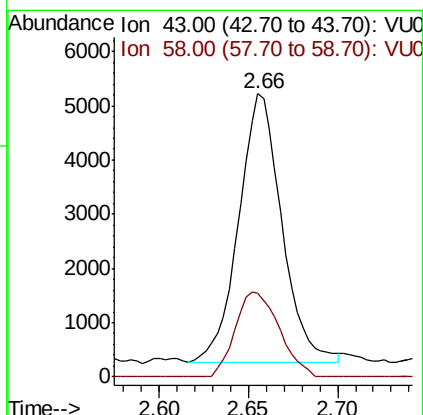
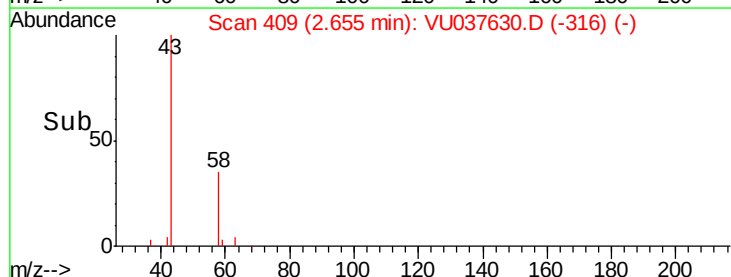
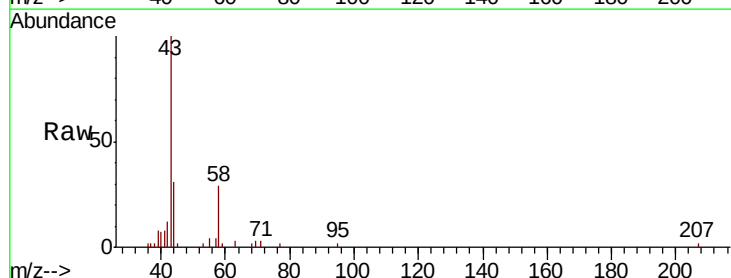
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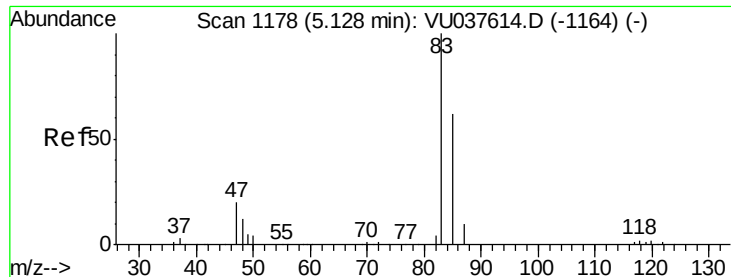
Tgt Ion: 43 Resp: 8332

Ion Ratio Lower Upper

43 100

58 32.4 0.0 63.2

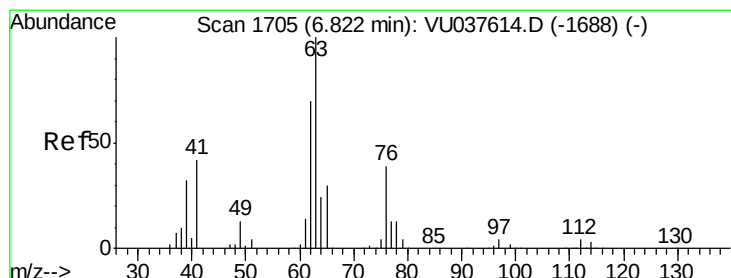
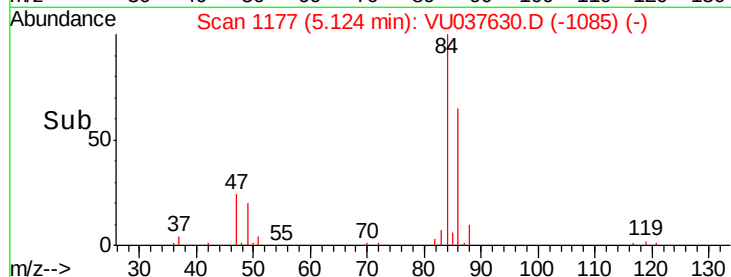
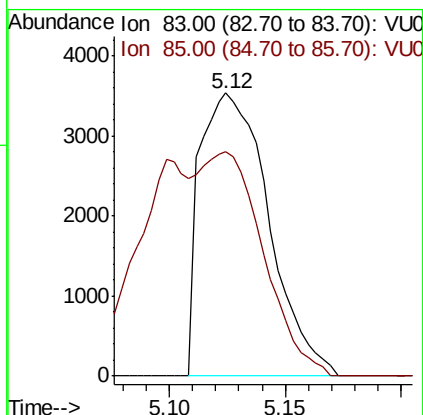
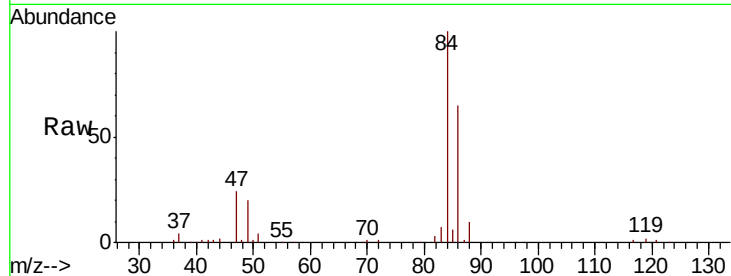




#25
Chloroform
Concen: 1.074 ug/L
RT: 5.12 min Scan# 1177
Delta R.T. -0.00 min
Lab File: VU037630.D
Acq: 09 Apr 2020 19:54

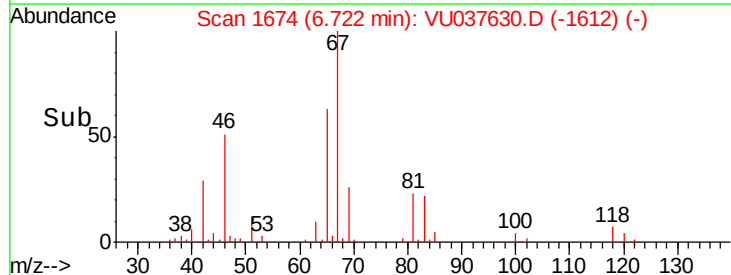
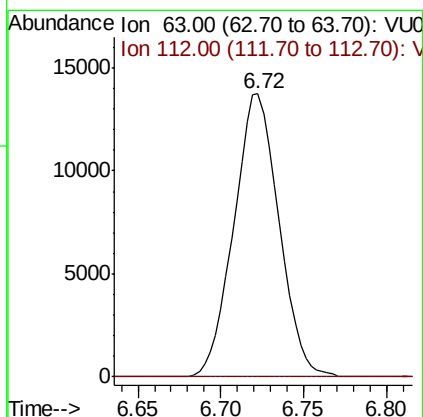
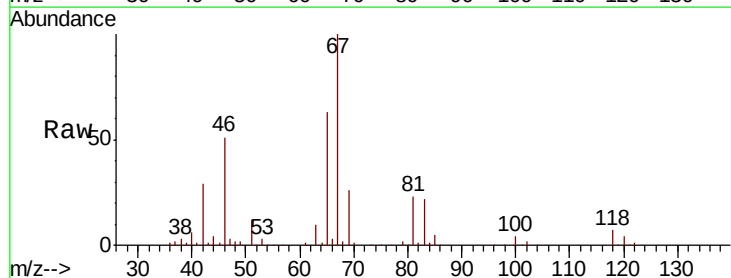
Instrument :
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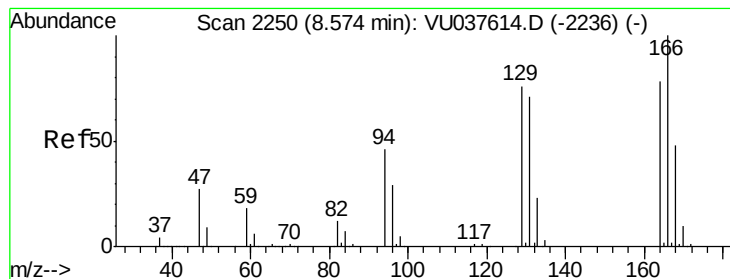
Tot Ion: 83 Resp: 7252
Ion Ratio Lower Upper
83 100
85 79.3 45.5 84.5



#37
1,2-Dichloropropane
Concen: 6.134 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.10 min
Lab File: VU037630.D
Acq: 09 Apr 2020 19:54

Tgt Ion: 63 Resp: 25960
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#





#46

Tetrachloroethene

Concen: 69.582 ug/L

RT: 8.57 min Scan# 2250

Delta R.T. 0.00 min

Lab File: VU037630.D

Acq: 09 Apr 2020 19:54

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:164 Resp: 196281

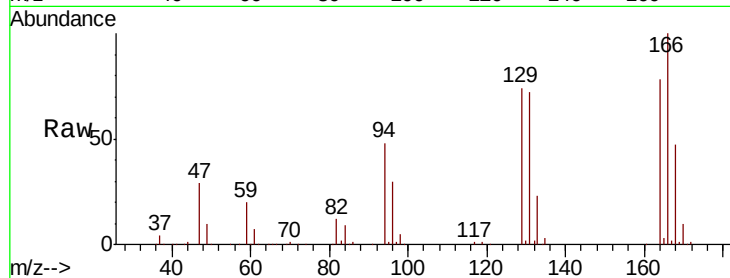
Ion Ratio Lower Upper

164 100

129 94.4 68.0 126.2

131 92.8 65.8 122.2

166 128.4 92.0 170.9

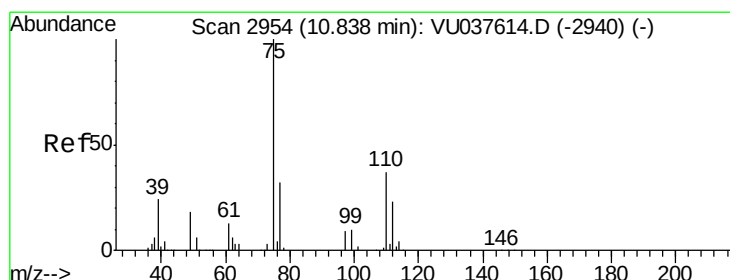
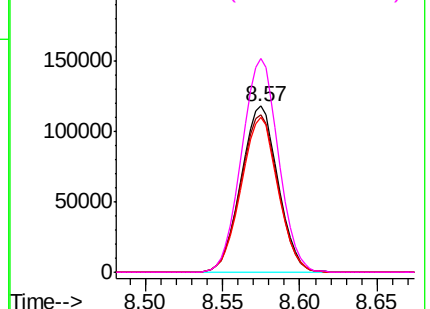
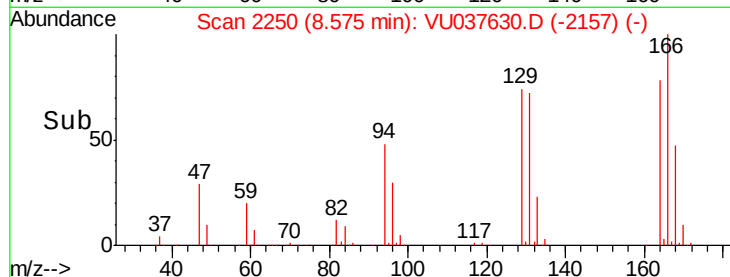


Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#59

1,2,3-Trichloropropane

Concen: 5.575 ug/L

RT: 11.83 min Scan# 3261

Delta R.T. 0.99 min

Lab File: VU037630.D

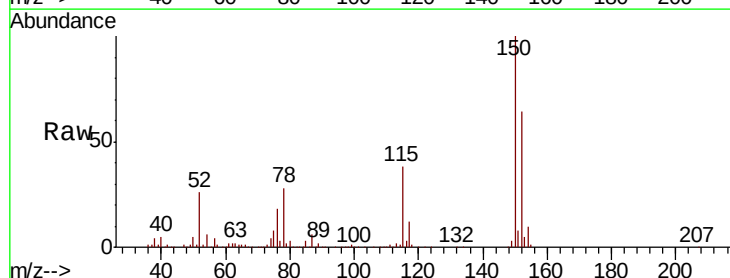
Acq: 09 Apr 2020 19:54

Tgt Ion: 75 Resp: 32052

Ion Ratio Lower Upper

75 100

77 38.2 25.6 38.4



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

