

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040920\
 Data File : VU037626.D
 Acq On : 09 Apr 2020 18:23
 Operator : JC/MD
 Sample : L2212-03
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 10 03:15:12 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	561674	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	529455	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	253053	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	221001	45.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.02%
7) Chloroethane-d5	1.93	69	188912	47.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.22%
11) 1,1-Dichloroethene-d2	2.68	63	192	0.02	ug/L	0.09
Spiked Amount	50.000	Range	60 - 125	Recovery	=	0.04%#
21) 2-Butanone-d5	4.66	46	398724	100.23	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.23%
24) Chloroform-d	5.10	84	349092	47.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.62%
26) 1,2-Dichloroethane-d4	5.74	65	249438	49.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.52%
32) Benzene-d6	5.76	84	781296	50.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.32%
36) 1,2-Dichloropropane-d6	6.72	67	263106	50.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.48%
41) Toluene-d8	7.92	98	705177	48.83	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.66%
43) trans-1,3-Dichloropropene-	8.20	79	132927	47.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.86%
47) 2-Hexanone-d5	8.66	63	301322	101.50	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.50%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	362833	49.54	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.08%
64) 1,2-Dichlorobenzene-d4	12.20	152	257171	48.83	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.66%

Target Compounds

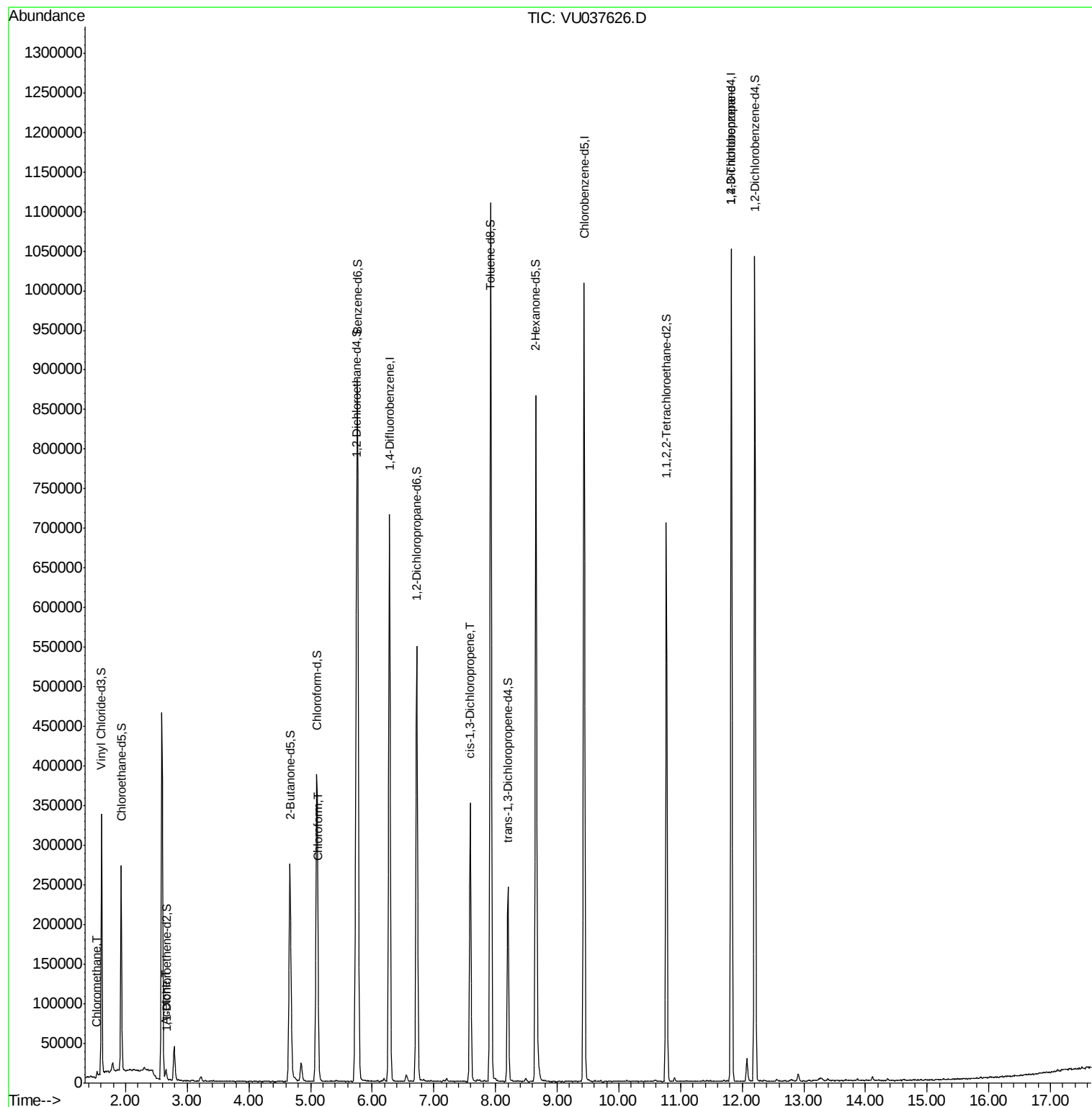
					Ovalue
3) Chloromethane	1.53	50	4092	0.795 ug/L	100
13) Acetone	2.66	43	14303	6.088 ug/L	98
25) Chloroform	5.13	83	12057	1.697 ug/L	87
39) cis-1,3-Dichloropropene	7.59	75	7339	1.013 ug/L #	65
59) 1,2,3-Trichloropropane	11.83	75	34586	5.750 ug/L	91

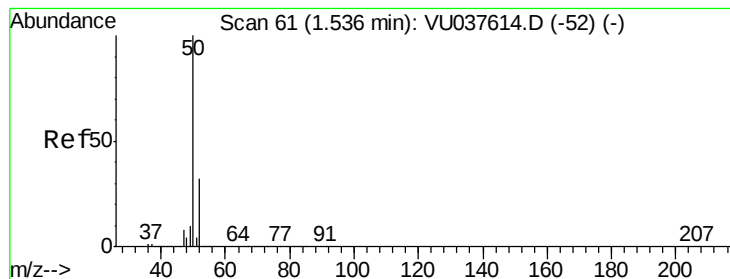
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.795 ug/L

RT: 1.53 min Scan# 60

Delta R.T. -0.00 min

Lab File: VU037626.D

Acq: 09 Apr 2020 18:23

Instrument :

MSVOA_U

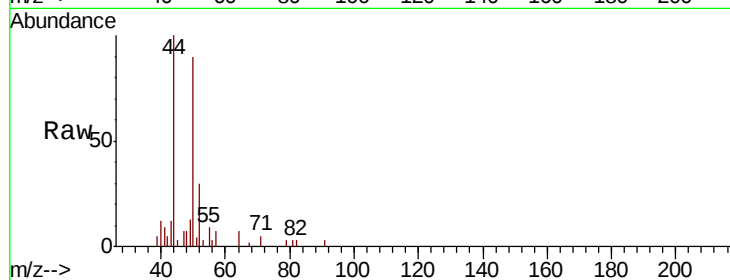
ClientSampleId :

Tot Ion: 50 Resp: 4092

Ion Ratio Lower Upper

50 100

52 33.2 23.3 43.3



Abundance Ion 50.00 (49.70 to 50.70): VU037614.D (-52) (-)

Ion 52.00 (51.70 to 52.70): VU037614.D (-52) (-)

1.53

4000

3000

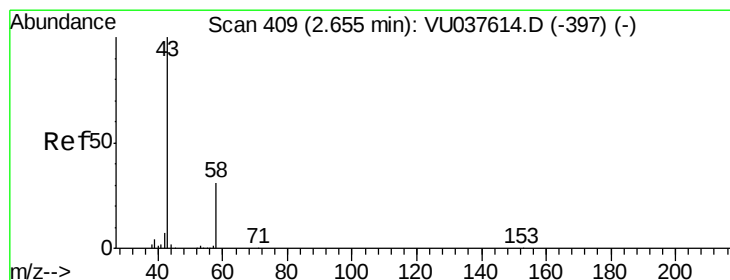
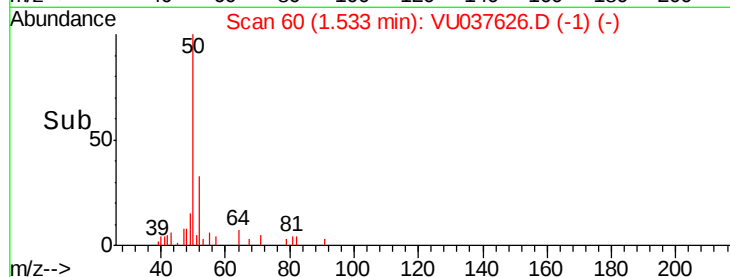
2000

1000

0

1.50 1.52 1.54 1.56

Time-->



#13

Acetone

Concen: 6.088 ug/L

RT: 2.66 min Scan# 409

Delta R.T. 0.00 min

Lab File: VU037626.D

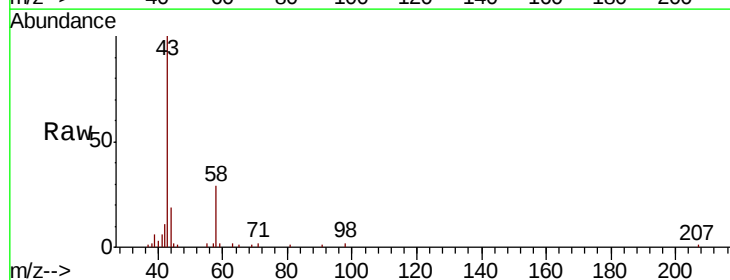
Acq: 09 Apr 2020 18:23

Tgt Ion: 43 Resp: 14303

Ion Ratio Lower Upper

43 100

58 32.6 0.0 63.2



Abundance Ion 43.00 (42.70 to 43.70): VU037614.D (-397) (-)

Ion 58.00 (57.70 to 58.70): VU037614.D (-397) (-)

2.66

10000

8000

6000

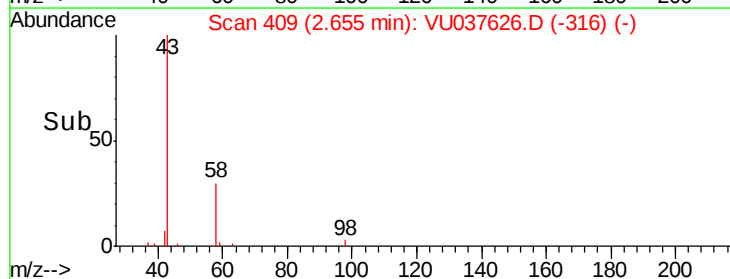
4000

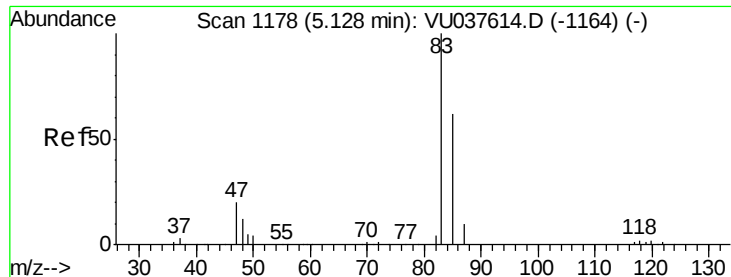
2000

0

2.60 2.65 2.70

Time-->

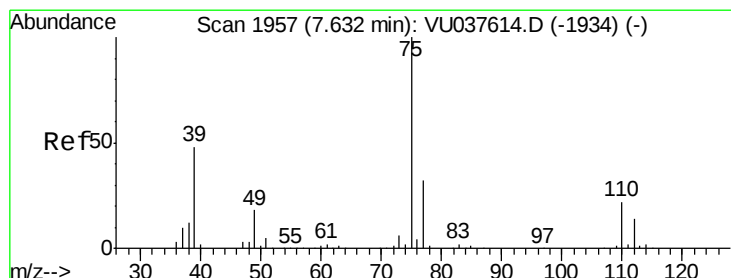
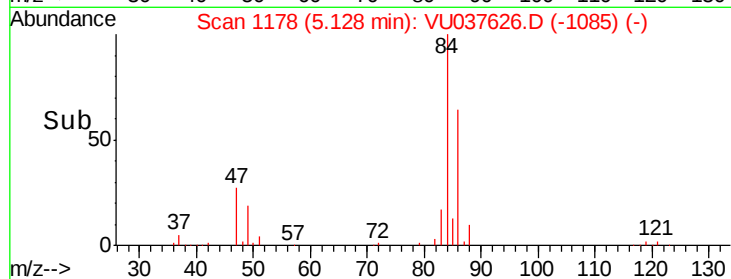
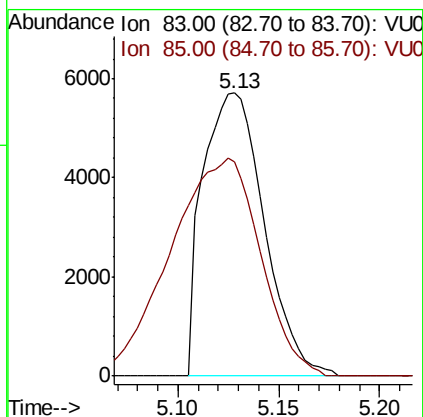
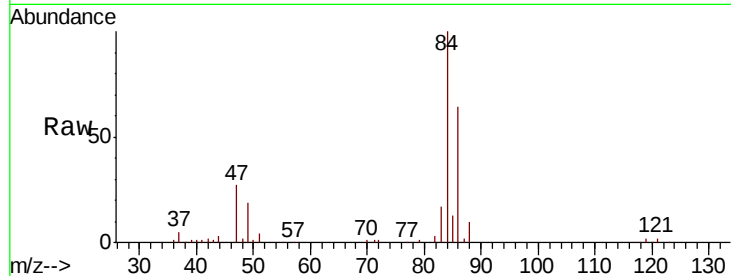




#25
Chloroform
Concen: 1.697 ug/L
RT: 5.13 min Scan# 1178
Delta R.T. 0.00 min
Lab File: VU037626.D
Acq: 09 Apr 2020 18:23

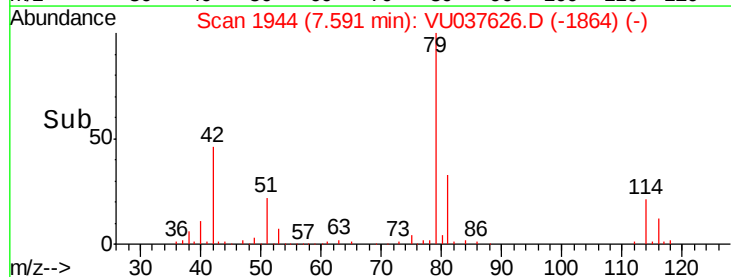
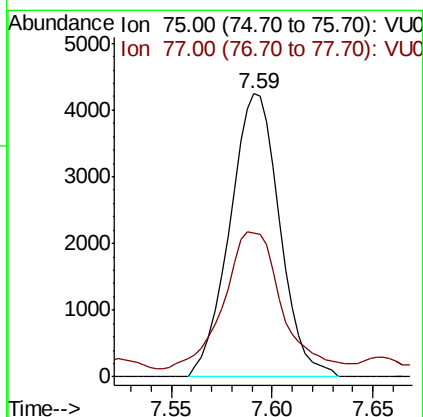
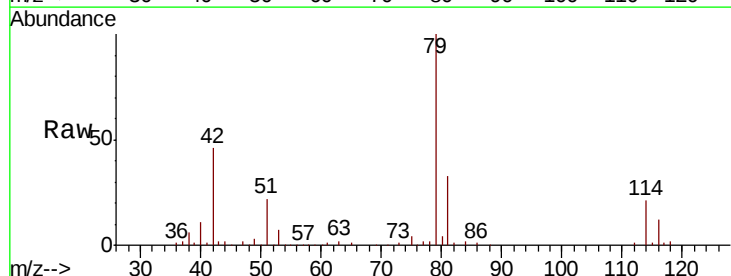
Instrument :
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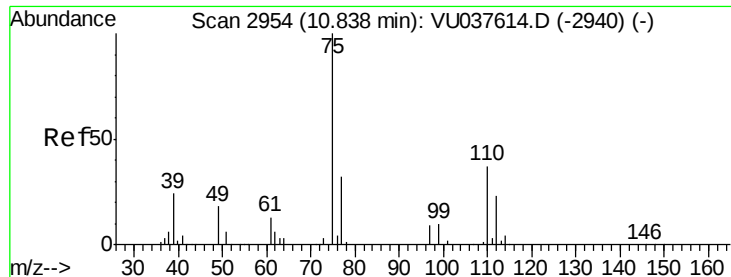
Tot Ion: 83 Resp: 12057
Ion Ratio Lower Upper
83 100
85 75.5 45.5 84.5



#39
cis-1,3-Dichloropropene
Concen: 1.013 ug/L
RT: 7.59 min Scan# 1944
Delta R.T. -0.04 min
Lab File: VU037626.D
Acq: 09 Apr 2020 18:23

Tgt Ion: 75 Resp: 7339
Ion Ratio Lower Upper
75 100
77 50.8 22.1 41.1#





#59

1,2,3-Trichloropropane

Concen: 5.750 ug/L

RT: 11.83 min Scan# 3261

Delta R.T. 0.99 min

Lab File: VU037626.D

Acq: 09 Apr 2020 18:23

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 34586

Ion Ratio Lower Upper

75 100

77 36.9 25.6 38.4

