

Data File : VU036676.D
Acq On : 03 Feb 2020 18:07
Operator : JC/MD
Sample : L1303-08MEDL2 1600X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AF3MEDL2

Quant Time: Feb 04 00:56:33 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM013120WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Feb 04 00:53:38 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	264874	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	246113	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	105136	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	105768	43.80	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.60%
7) Chloroethane-d5	1.93	69	91941	47.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.56%
11) 1,1-Dichloroethene-d2	2.59	63	132743	35.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.24%
21) 2-Butanone-d5	4.68	46	117972	79.35	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	79.35%
24) Chloroform-d	5.11	84	153299	42.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.68%
26) 1,2-Dichloroethane-d4	5.75	65	113997	48.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.28%
32) Benzene-d6	5.77	84	365996	49.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.22%
36) 1,2-Dichloropropane-d6	6.73	67	120871	48.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.74%
41) Toluene-d8	7.93	98	336606	48.96	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.92%
43) trans-1,3-Dichloropropene-	8.21	79	55853	46.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.78%
47) 2-Hexanone-d5	8.67	63	137540	100.77	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.77%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	164201	47.18	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.36%
64) 1,2-Dichlorobenzene-d4	12.22	152	110584	49.91	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.82%

Target Compounds

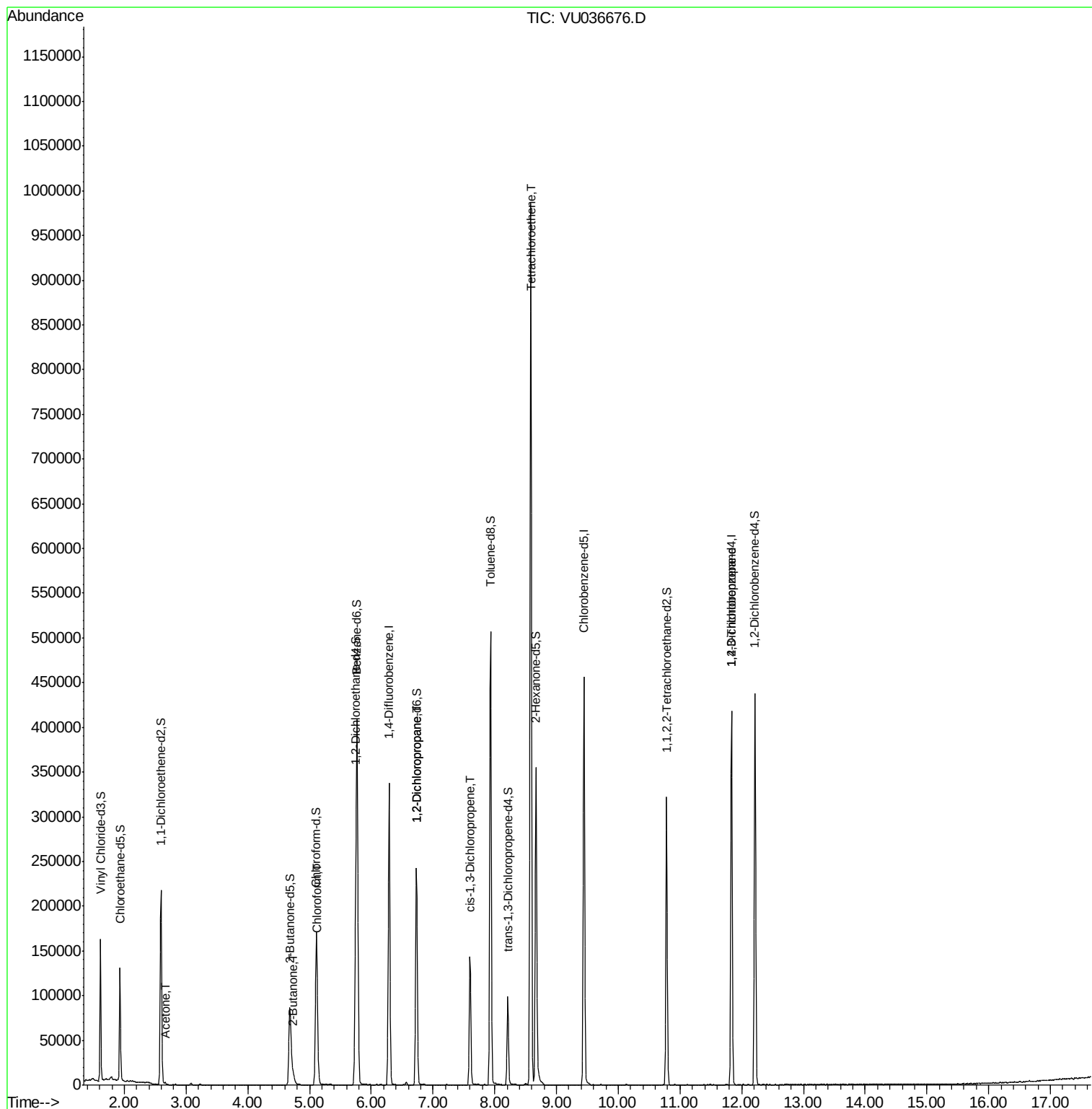
					Qvalue
13) Acetone	2.66	43	2522	1.995 ug/L	88
22) 2-Butanone	4.74	43	3619	2.094 ug/L	81
25) Chloroform	5.13	83	15017	4.379 ug/L	95
37) 1,2-Dichloropropane	6.73	63	12988	6.109 ug/L #	88
39) cis-1,3-Dichloropropene	7.60	75	3477	1.033 ug/L #	64
46) Tetrachloroethene	8.58	164	211490	150.644 ug/L	98
59) 1,2,3-Trichloropropane	11.83	75	15010	5.319 ug/L	91

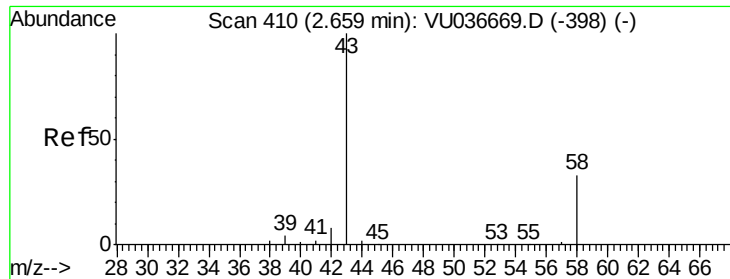
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.995 ug/L

RT: 2.66 min Scan# 412

Delta R.T. 0.01 min

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Acq: 03 Feb 2020 18:07

Instrument :

MSVOA_U

ClientSampleId :

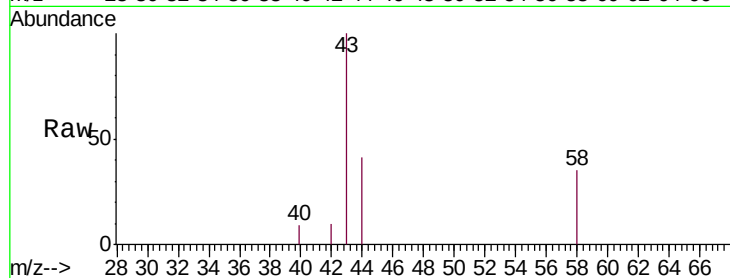
C0AF3MEDL2

Tgt Ion: 43 Resp: 2522

Ion Ratio Lower Upper

43 100

58 27.2 0.0 67.8



Abundance Ion 43.00 (42.70 to 43.70): VU036669.D (-398) (-)

Ion 58.00 (57.70 to 58.70): VU036669.D (-398) (-)

2.66

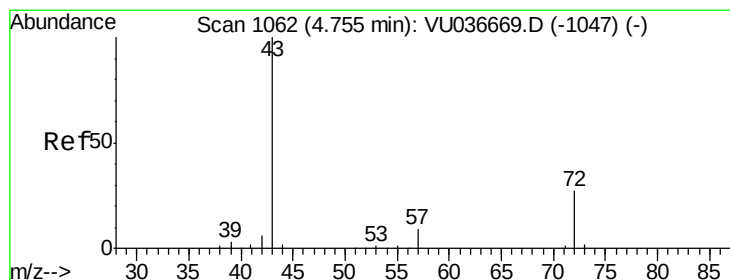
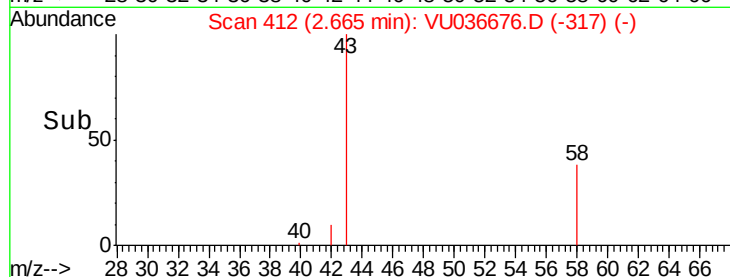
1500

1000

500

0

Time--> 2.60 2.65 2.70



#22

2-Butanone

Concen: 2.094 ug/L

RT: 4.74 min Scan# 1058

Delta R.T. -0.01 min

Lab File: VU036676.D

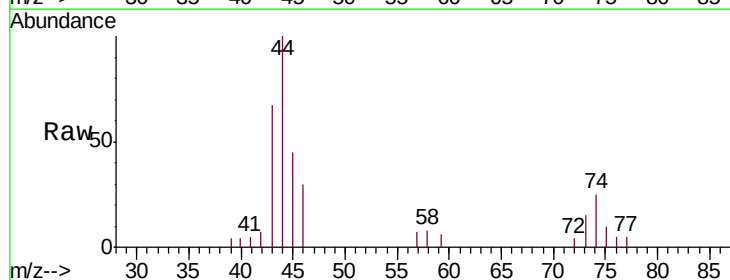
Acq: 03 Feb 2020 18:07

Tgt Ion: 43 Resp: 3619

Ion Ratio Lower Upper

43 100

72 19.1 14.6 44.0



Abundance Ion 43.00 (42.70 to 43.70): VU036669.D (-1047) (-)

Ion 72.00 (71.70 to 72.70): VU036669.D (-1047) (-)

4.74

2500

2000

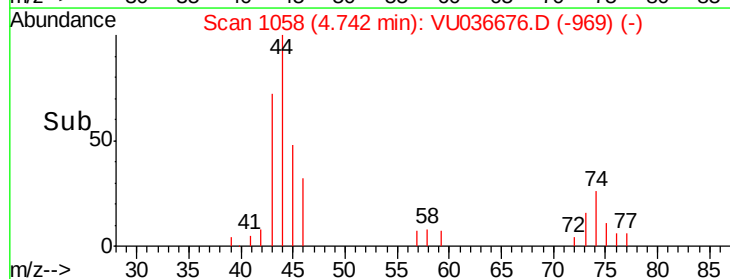
1500

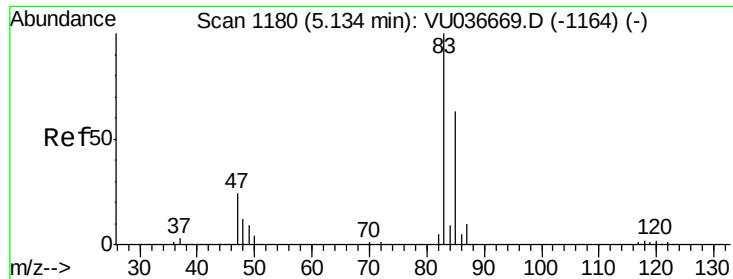
1000

500

0

Time--> 4.70 4.75

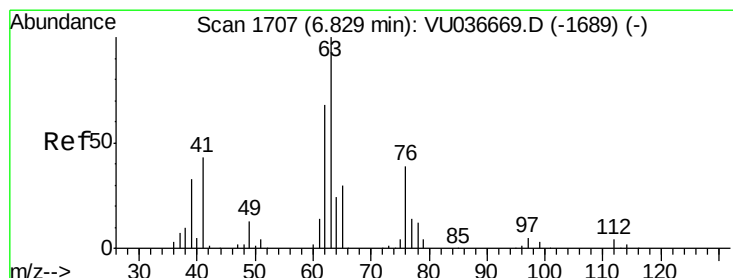
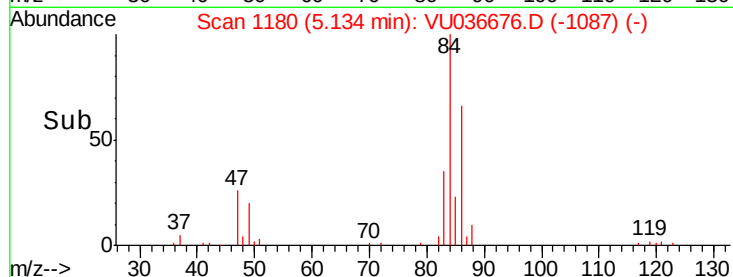
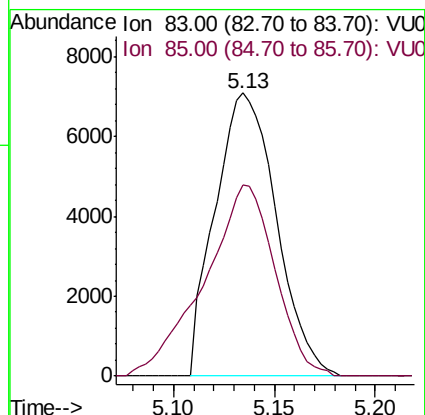
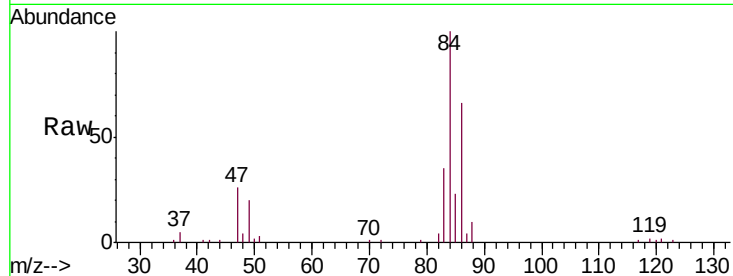




#25
Chloroform
Concen: 4.379 ug/L
RT: 5.13 min Scan# 1180
Delta R.T. -0.00 min
Lab File: VU036676.D
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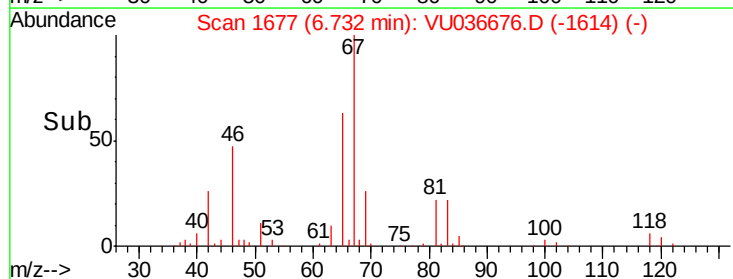
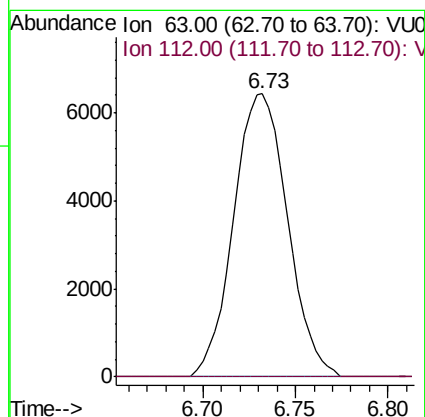
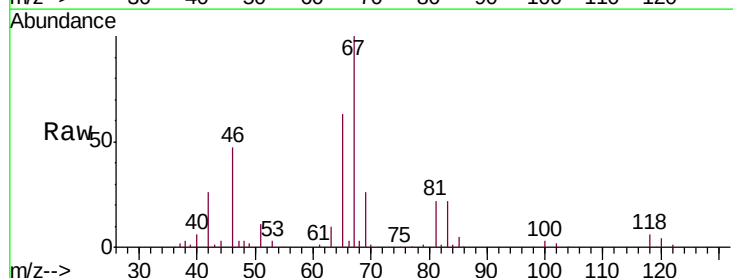
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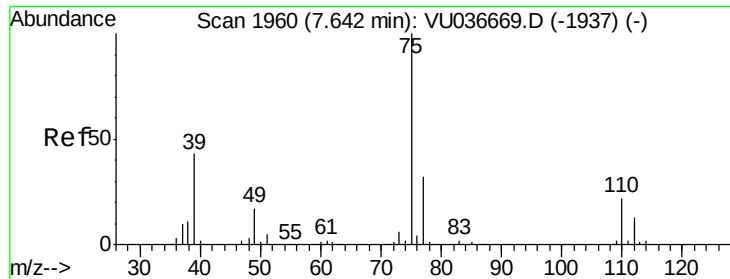
Tgt Ion: 83 Resp: 15017
Ion Ratio Lower Upper
83 100
85 67.3 44.3 82.3



#37
1,2-Dichloropropane
Concen: 6.109 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.10 min
Lab File: VU036676.D
Acq: 03 Feb 2020 18:07

Tgt Ion: 63 Resp: 12988
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.6#



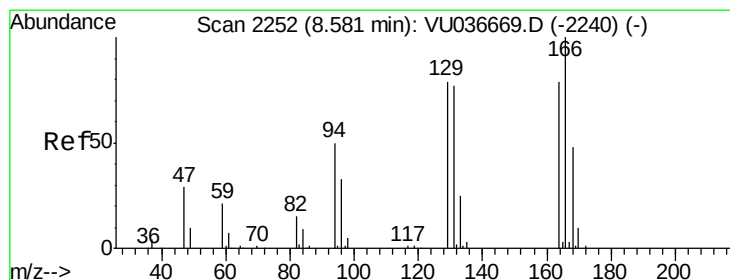
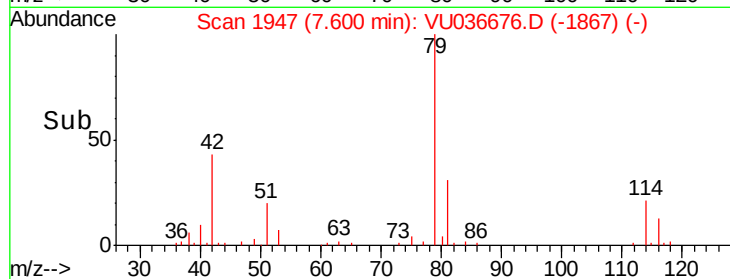
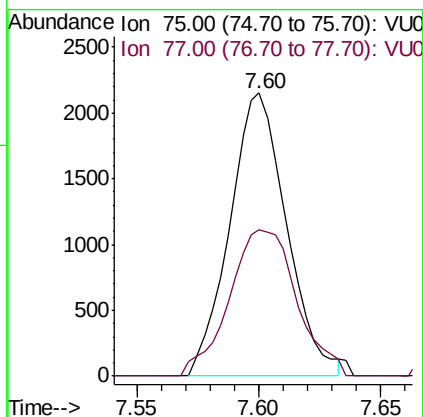
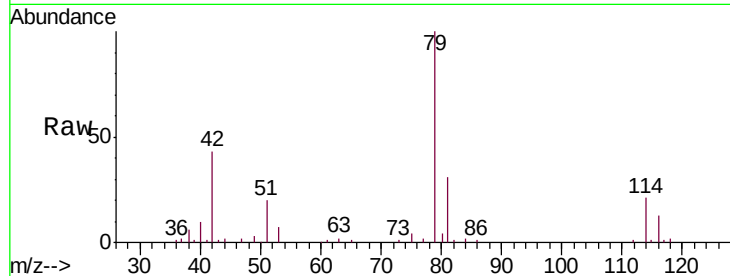


#39

cis-1,3-Dichloropropene
Concen: 1.033 ug/L
RT: 7.60 min Scan# 1947
Delta R.T. -0.04 min
Lab File: VU036676.D
Acq: 03 Feb 2020 18:07

Instrument :
MSVOA_U
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C0AF3MEDL2

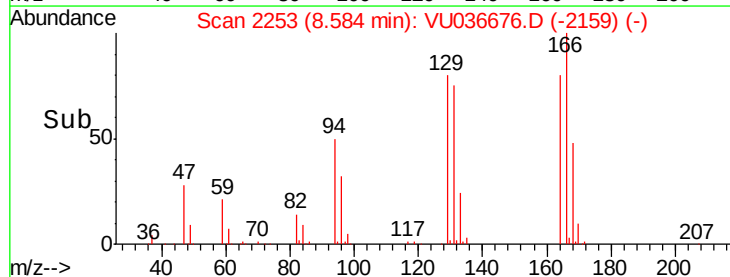
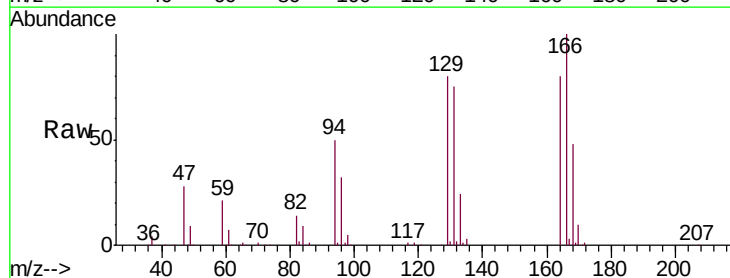
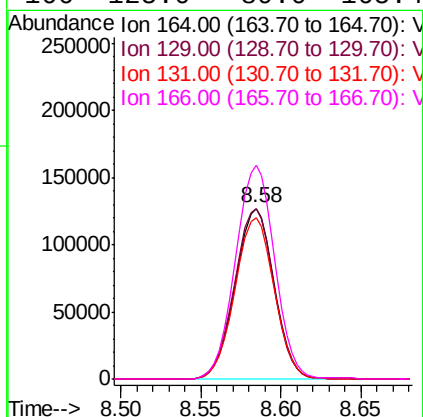
Tgt Ion: 75 Resp: 3477
Ion Ratio Lower Upper
75 100
77 51.5 22.0 41.0#

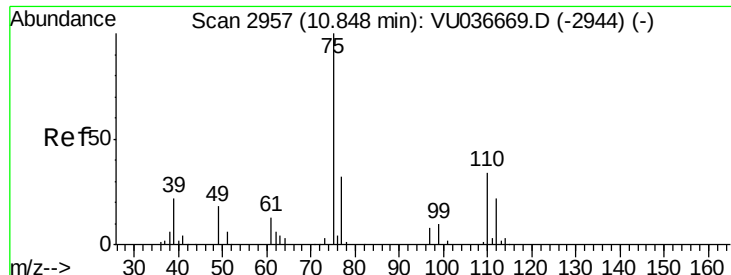


#46

Tetrachloroethene
Concen: 150.644 ug/L
RT: 8.58 min Scan# 2253
Delta R.T. 0.00 min
Lab File: VU036676.D
Acq: 03 Feb 2020 18:07

Tgt Ion: 164 Resp: 211490
Ion Ratio Lower Upper
164 100
129 99.6 71.1 132.1
131 94.3 66.9 124.3
166 125.0 89.0 165.4





#59

1,2,3-Trichloropropane

Concen: 5.319 ug/L

RT: 11.83 min Scan# 3264

Delta R.T. 0.99 min

Lab File: VU036676.D

Acq: 03 Feb 2020 18:07

Instrument :

MSVOA_U

ClientSampleId :

C0AF3MEDL2

Tgt Ion: 75 Resp: 15010

Ion Ratio Lower Upper

75 100

77 36.7 25.2 37.8

