

Data File : VU036789.D
Acq On : 14 Feb 2020 16:07
Operator : JC/MD
Sample : L1539-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AK5

Quant Time: Feb 14 23:43:18 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Feb 14 23:39:59 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	121548	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	114376	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	45493	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	42080	4.03	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.60%
7) Chloroethane-d5	1.93	69	40570	4.47	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.40%
11) 1,1-Dichloroethene-d2	2.59	63	59133	3.39	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.80%
20) 2-Butanone-d5	4.67	46	114937	52.43	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.86%
24) Chloroform-d	5.11	84	70474	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.40%
26) 1,2-Dichloroethane-d4	5.74	65	45075	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.60%
32) Benzene-d6	5.76	84	166334	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.60%
36) 1,2-Dichloropropane-d6	6.73	67	54391	4.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.60%
41) Toluene-d8	7.93	98	149263	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.20%
43) trans-1,3-Dichloropropene-	8.21	79	18184	4.24	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.80%
46) 2-Hexanone-d5	8.66	63	99119	50.60	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.20%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	42881	4.93	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.60%
64) 1,2-Dichlorobenzene-d4	12.21	152	46108	5.07	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.40%

Target Compounds

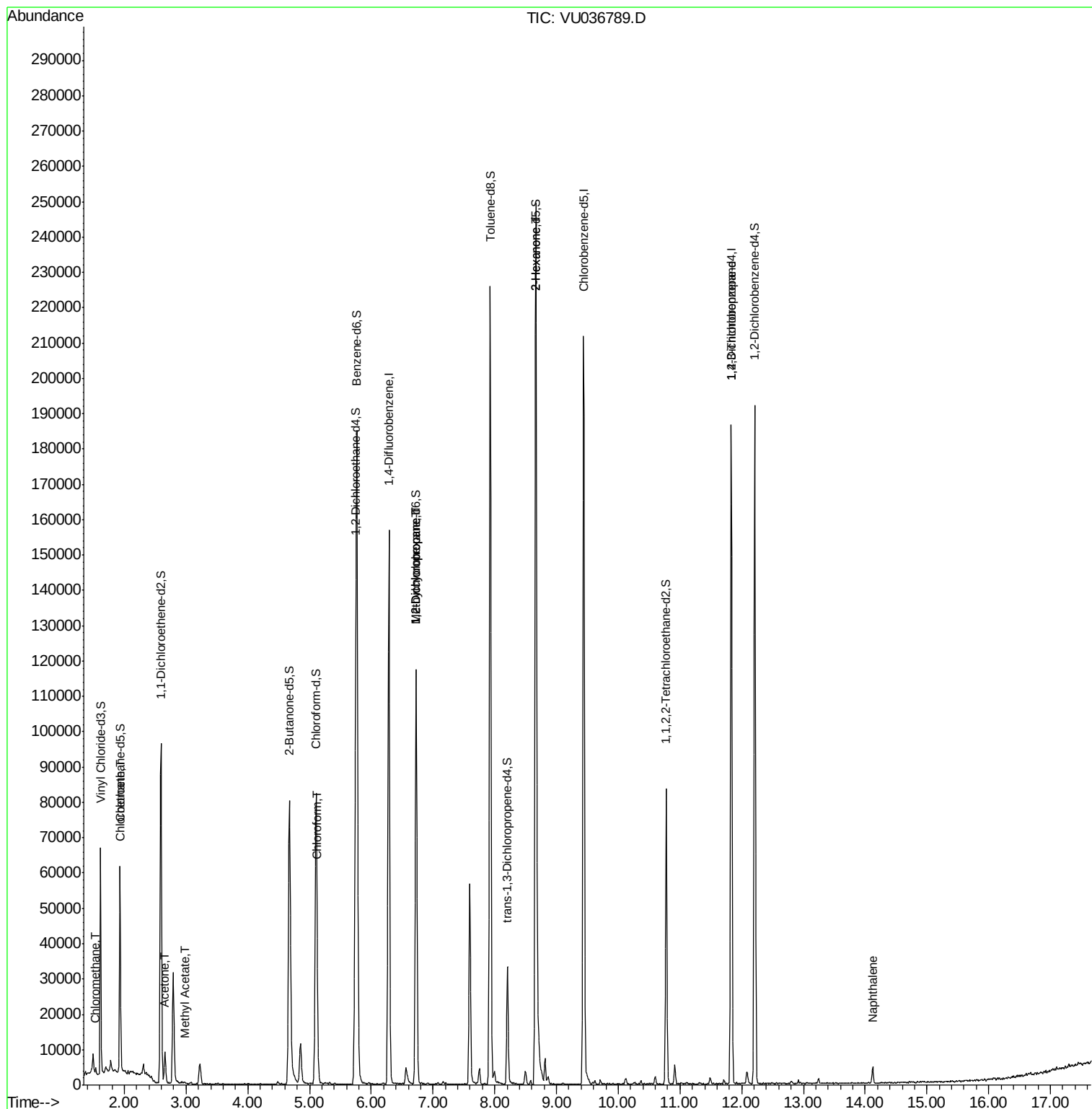
					Qvalue
3) Chloromethane	1.54	50	962	0.115 ug/L	98
8) Chloroethane	1.94	64	630	0.092 ug/L #	43
13) Acetone	2.66	43	9912	3.536 ug/L	98
15) Methyl Acetate	2.99	43	653	0.176 ug/L #	52
25) Chloroform	5.13	83	5797	0.339 ug/L	90
35) Methylcyclohexane	6.73	83	11730	0.823 ug/L #	22
37) 1,2-Dichloropropane	6.73	63	5869	0.609 ug/L #	89
48) 2-Hexanone	8.66	43	11764	2.211 ug/L #	67
59) 1,2,3-Trichloropropane	11.83	75	6951	1.093 ug/L	93
69) Naphthalene	14.12	128	4125	0.274 ug/L #	92

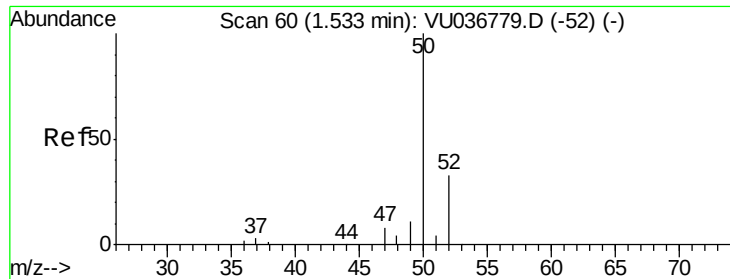
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.115 ug/L

RT: 1.54 min Scan# 62

Delta R.T. 0.01 min

Lab File: VU036789.D

Acq: 14 Feb 2020 16:07

Instrument :

MSVOA_U

ClientSampleId :

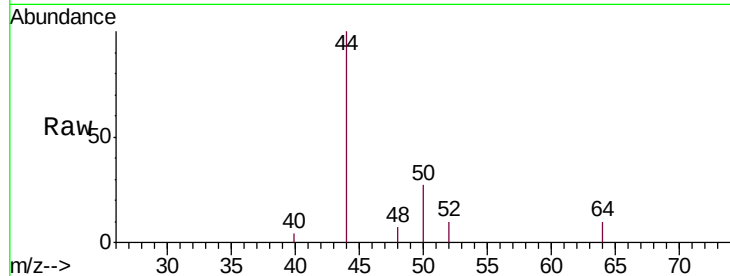
C0AK5

Tgt Ion: 50 Resp: 962

Ion Ratio Lower Upper

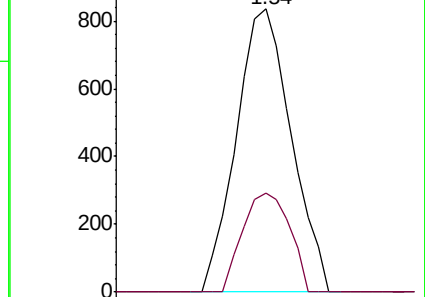
50 100

52 35.2 23.8 44.2

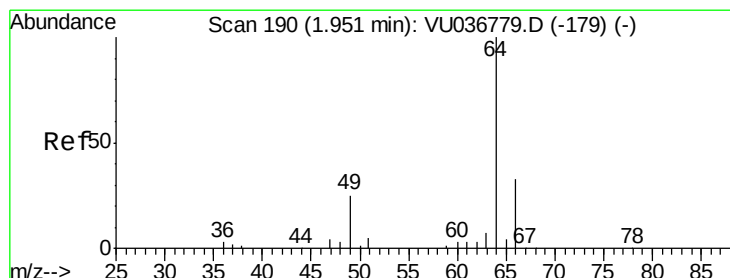
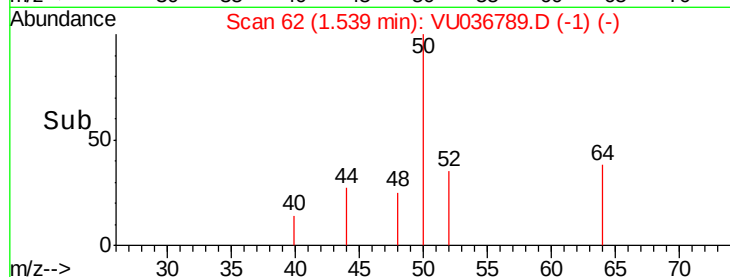


Abundance Ion 50.05 (49.75 to 50.75): VU036779.D (-52) (-)

Ion 52.05 (51.75 to 52.75): VU036779.D (-52) (-)



Time-->



#8

Chloroethane

Concen: 0.092 ug/L

RT: 1.94 min Scan# 188

Delta R.T. -0.01 min

Lab File: VU036789.D

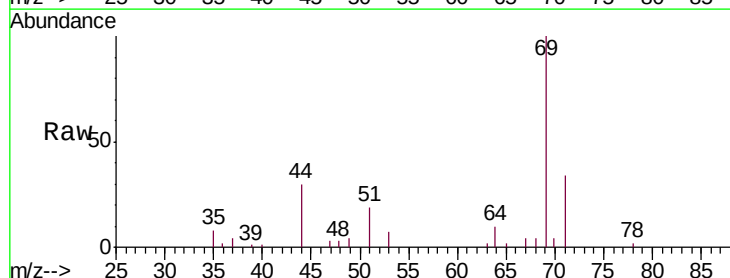
Acq: 14 Feb 2020 16:07

Tgt Ion: 64 Resp: 630

Ion Ratio Lower Upper

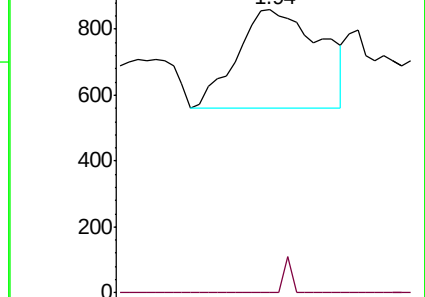
64 100

66 0.0 21.8 40.6#

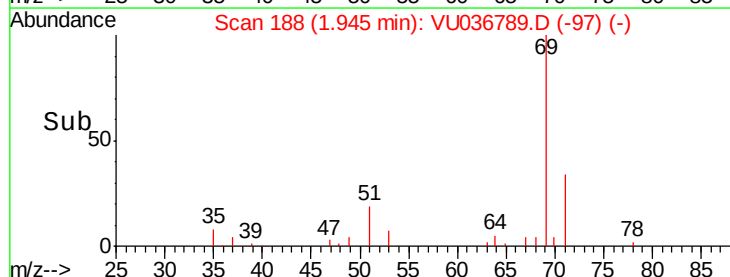


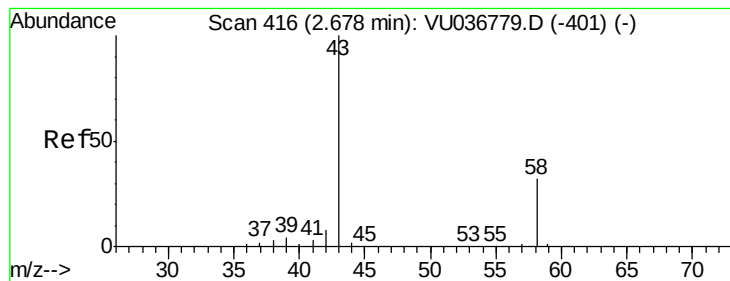
Abundance Ion 64.10 (63.80 to 64.80): VU036779.D (-179) (-)

Ion 66.05 (65.75 to 66.75): VU036779.D (-179) (-)



Time-->





#13

Acetone

Concen: 3.536 ug/L

RT: 2.66 min Scan# 410

Delta R.T. -0.02 min

Lab File: VU036789.D

Acq: 14 Feb 2020 16:07

Instrument :

MSVOA_U

ClientSampleId :

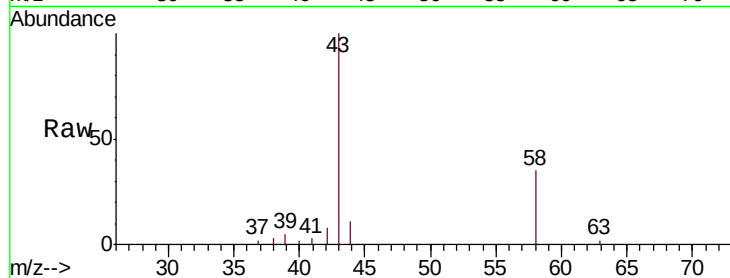
C0AK5

Tgt Ion: 43 Resp: 9912

Ion Ratio Lower Upper

43 100

58 31.0 0.0 64.2



Abundance Ion 43.05 (42.75 to 43.75): VU036779.D (-401) (-)

Ion 58.05 (57.75 to 58.75): VU036779.D (-401) (-)

2.66

6000

5000

4000

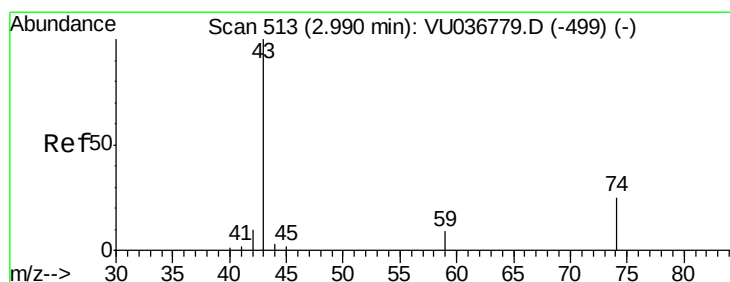
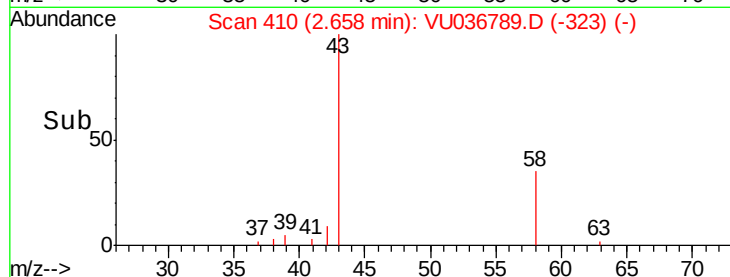
3000

2000

1000

0

Time-->



#15

Methyl Acetate

Concen: 0.176 ug/L

RT: 2.99 min Scan# 513

Delta R.T. 0.00 min

Lab File: VU036789.D

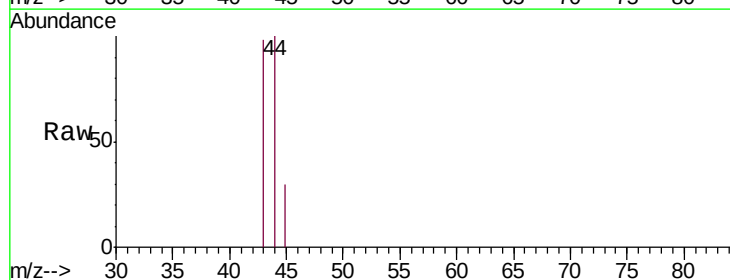
Acq: 14 Feb 2020 16:07

Tgt Ion: 43 Resp: 653

Ion Ratio Lower Upper

43 100

74 0.0 19.0 28.4#



Abundance Ion 43.05 (42.75 to 43.75): VU036779.D (-499) (-)

Ion 74.05 (73.75 to 74.75): VU036779.D (-499) (-)

2.99

400

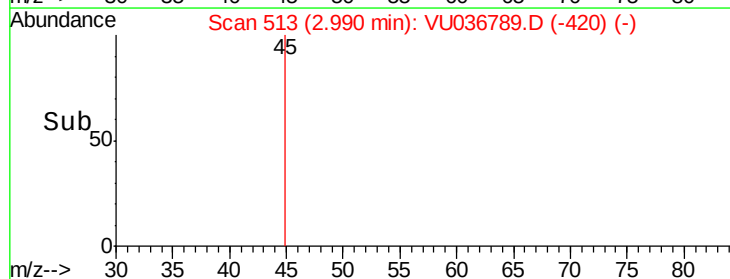
300

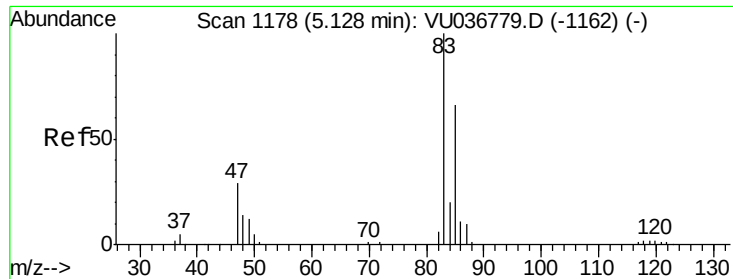
200

100

0

Time-->

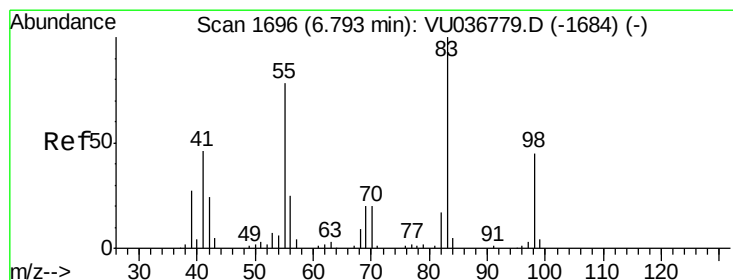
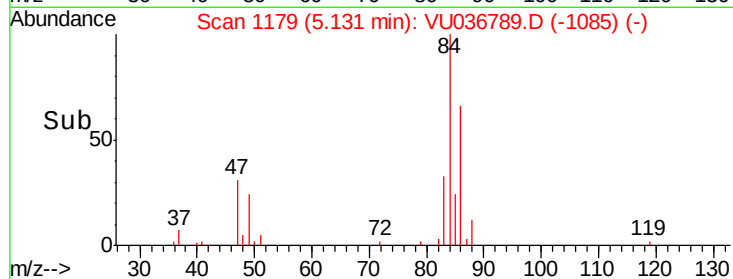
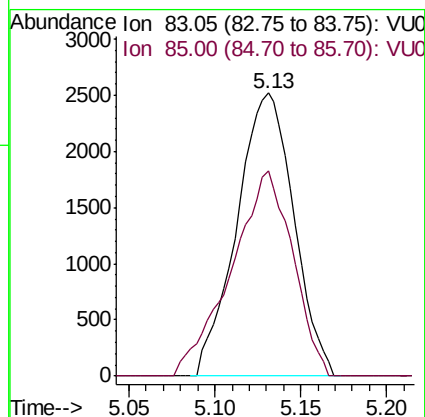
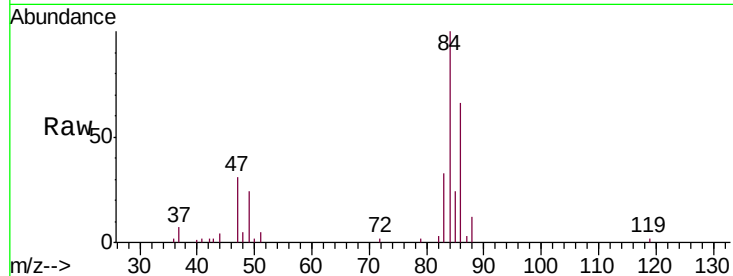




#25
Chloroform
Concen: 0.339 ug/L
RT: 5.13 min Scan# 1179
Delta R.T. 0.00 min
Lab File: VU036789.D
Acq: 14 Feb 2020 16:07

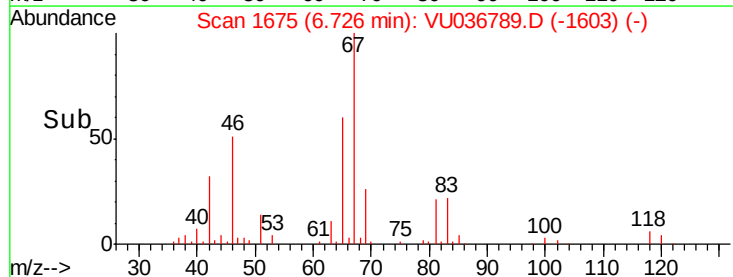
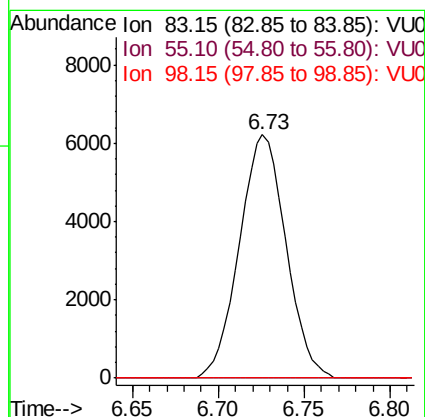
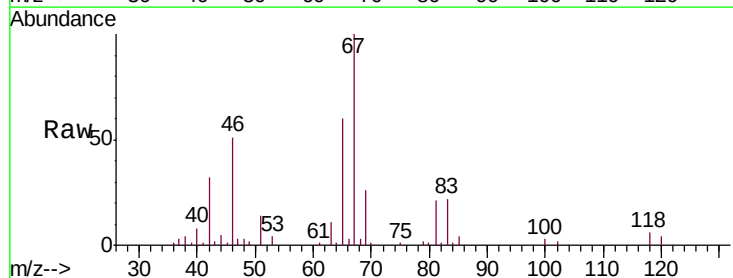
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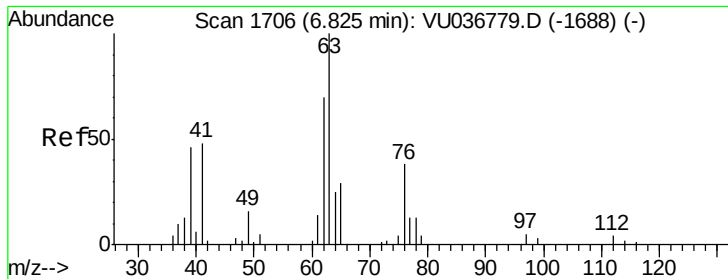
Tgt Ion: 83 Resp: 5797
Ion Ratio Lower Upper
83 100
85 72.3 45.4 84.2



#35
Methylcyclohexane
Concen: 0.823 ug/L
RT: 6.73 min Scan# 1675
Delta R.T. -0.07 min
Lab File: VU036789.D
Acq: 14 Feb 2020 16:07

Tgt Ion: 83 Resp: 11730
Ion Ratio Lower Upper
83 100
55 4.1 61.0 91.4#
98 0.3 34.2 51.4#

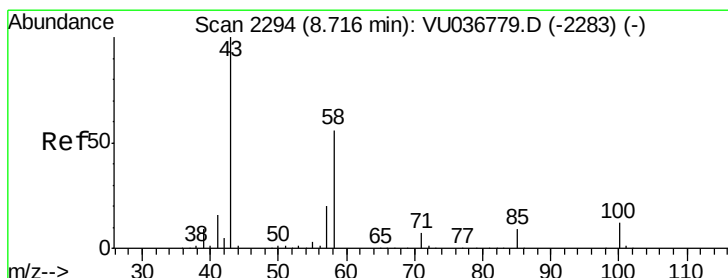
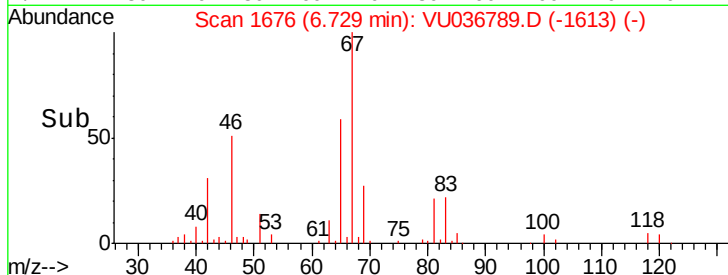
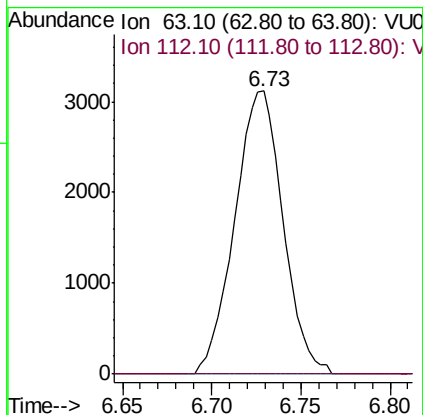
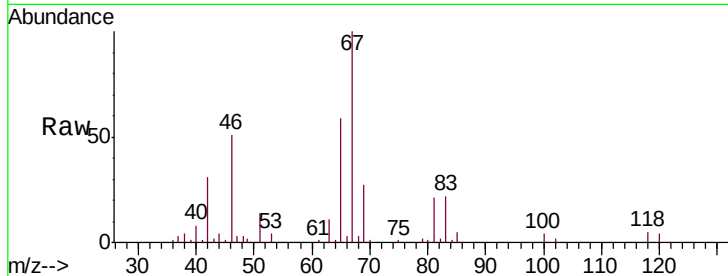




#37
 1,2-Dichloropropane
 Concen: 0.609 ug/L
 RT: 6.73 min Scan# 1676
 Delta R.T. -0.10 min
 Lab File: VU036789.D
 Acq: 14 Feb 2020 16:07

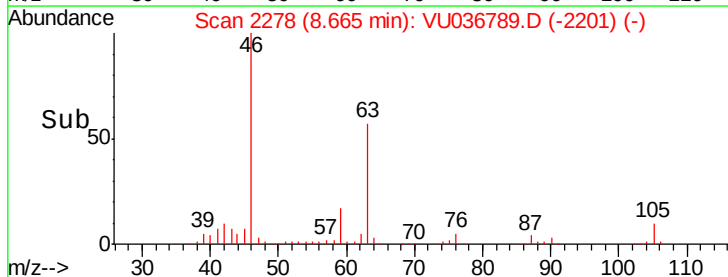
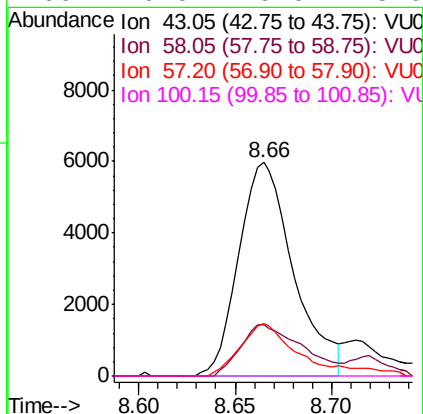
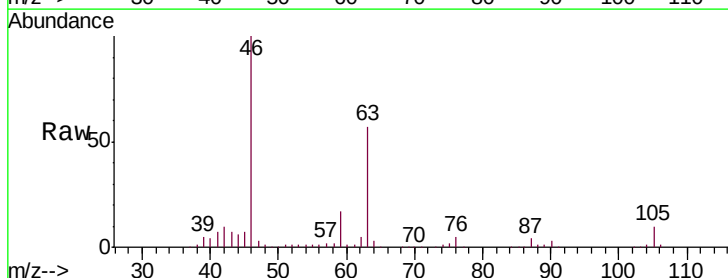
Instrument :
 MSVOA_U
 ClientSampleId :
 C0AK5

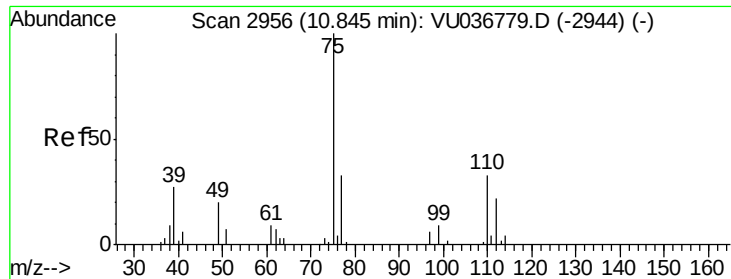
Tgt Ion: 63 Resp: 5869
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.4#



#48
 2-Hexanone
 Concen: 2.211 ug/L
 RT: 8.66 min Scan# 2278
 Delta R.T. -0.05 min
 Lab File: VU036789.D
 Acq: 14 Feb 2020 16:07

Tgt Ion: 43 Resp: 11764
 Ion Ratio Lower Upper
 43 100
 58 27.2 43.6 65.4#
 57 27.2 15.0 22.4#
 100 0.0 9.0 13.6#

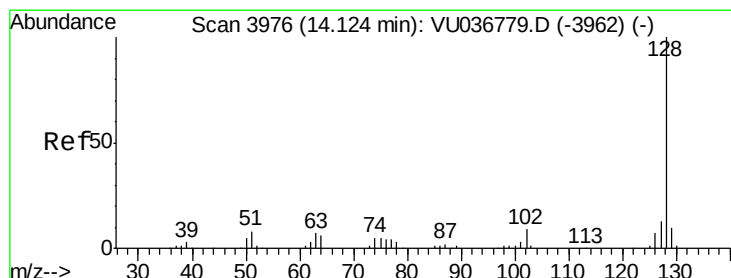
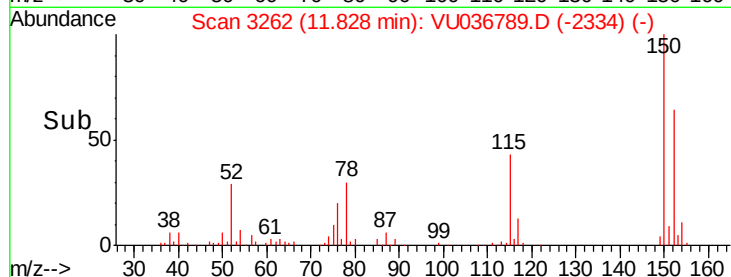
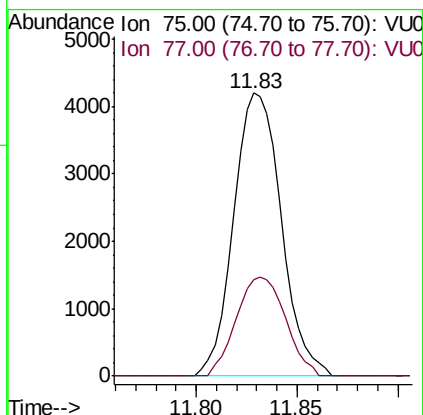
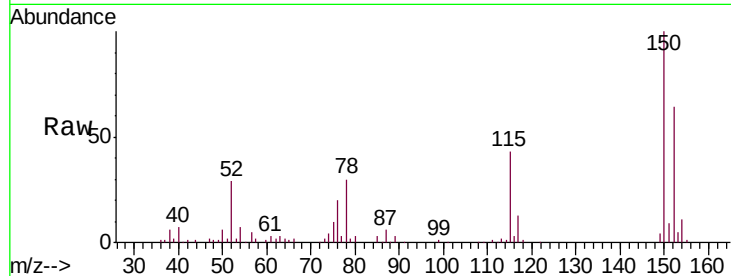




#59
 1,2,3-Trichloropropane
 Concen: 1.093 ug/L
 RT: 11.83 min Scan# 3262
 Delta R.T. 0.98 min
 Lab File: VU036789.D
 Acq: 14 Feb 2020 16:07

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 ClientSampleId :
 C0AK5

Tgt Ion: 75 Resp: 6951
 Ion Ratio Lower Upper
 75 100
 77 36.1 25.6 38.4



#69
 Naphthalene
 Concen: 0.274 ug/L
 RT: 14.12 min Scan# 3975
 Delta R.T. -0.00 min
 Lab File: VU036789.D
 Acq: 14 Feb 2020 16:07

Tgt Ion: 128 Resp: 4125
 Ion Ratio Lower Upper
 128 100
 129 8.0 9.0 13.4#
 127 10.2 10.8 16.2#

