

Data File : VU036788.D
Acq On : 14 Feb 2020 15:42
Operator : JC/MD
Sample : L1539-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AK3

Quant Time: Feb 14 23:43:10 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	6.28	114	129747	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	119682	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	46952	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	42531	3.81	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.20%
7) Chloroethane-d5	1.93	69	40873	4.22	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.40%
11) 1,1-Dichloroethene-d2	2.59	63	60406	3.24	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.80%
20) 2-Butanone-d5	4.67	46	112858	48.23	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.46%
24) Chloroform-d	5.11	84	72598	4.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.40%
26) 1,2-Dichloroethane-d4	5.74	65	44743	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.80%
32) Benzene-d6	5.76	84	166858	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.60%
36) 1,2-Dichloropropane-d6	6.73	67	54668	4.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.80%
41) Toluene-d8	7.93	98	150017	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.60%
43) trans-1,3-Dichloropropene-	8.20	79	18451	4.11	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.20%
46) 2-Hexanone-d5	8.66	63	99278	48.43	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.86%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	40848	4.48	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.60%
64) 1,2-Dichlorobenzene-d4	12.21	152	45215	4.82	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.40%

Target Compounds

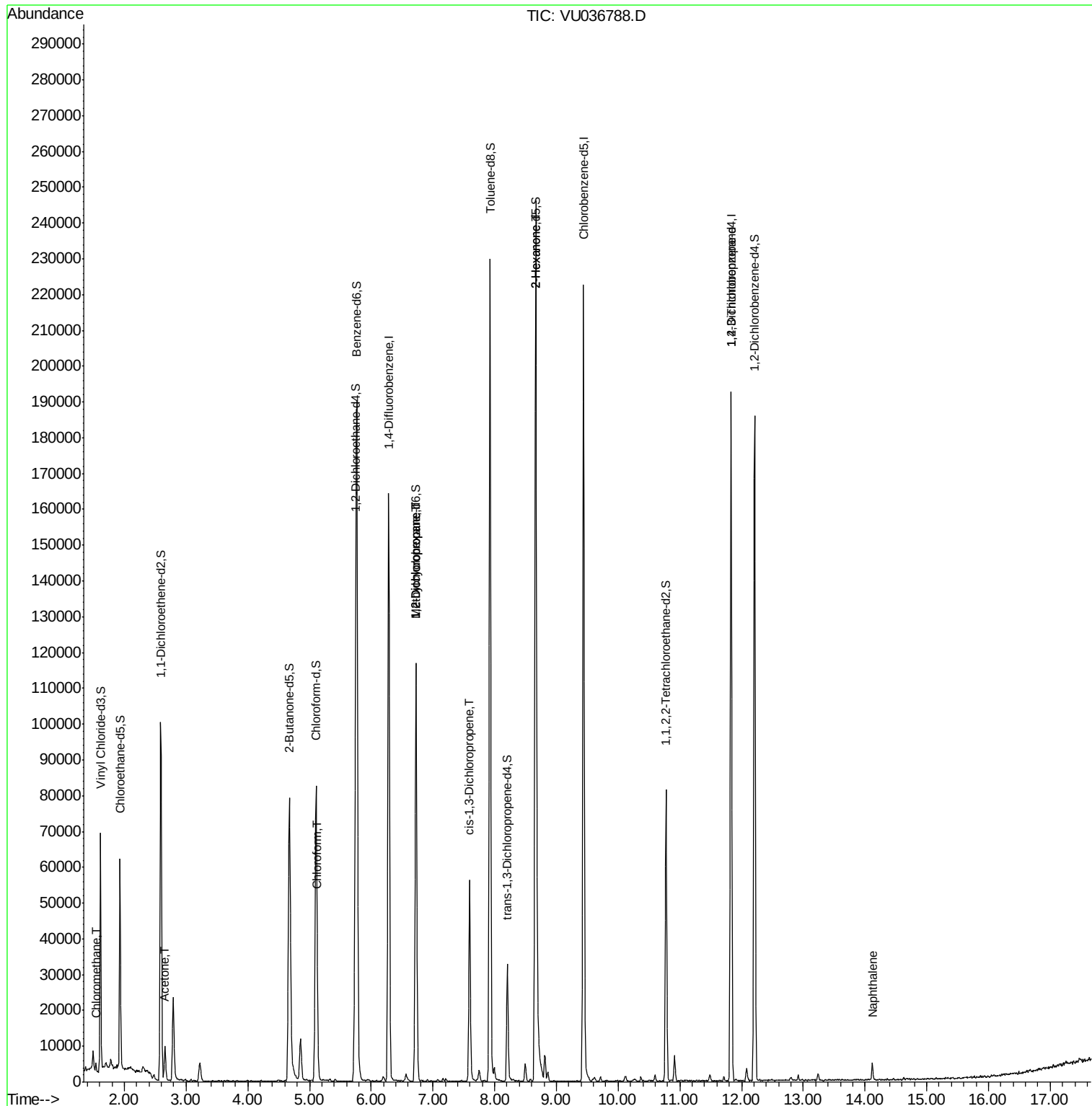
					Qvalue
3) Chloromethane	1.54	50	1777	0.199 ug/L	86
13) Acetone	2.66	43	10357	3.461 ug/L	96
25) Chloroform	5.13	83	5063	0.278 ug/L	96
35) Methylcyclohexane	6.73	83	12093	0.811 ug/L #	20
37) 1,2-Dichloropropane	6.72	63	5693	0.565 ug/L #	89
39) cis-1,3-Dichloropropene	7.59	75	1493	0.102 ug/L #	68
48) 2-Hexanone	8.66	43	11374	2.043 ug/L #	77
59) 1,2,3-Trichloropropane	11.83	75	7173	1.078 ug/L	93
69) Naphthalene	14.12	128	4152	0.267 ug/L	96

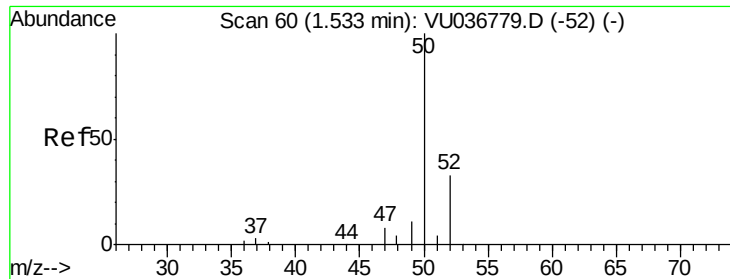
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.199 ug/L

RT: 1.54 min Scan# 62

Delta R.T. 0.01 min

Lab File: VU036788.D

Acq: 14 Feb 2020 15:42

Instrument :

MSVOA_U

ClientSampleId :

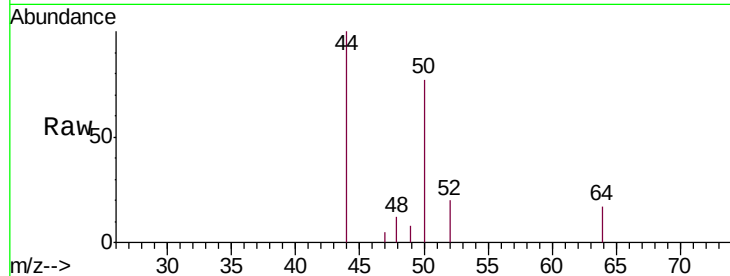
C0AK3

Tgt Ion: 50 Resp: 1777

Ion Ratio Lower Upper

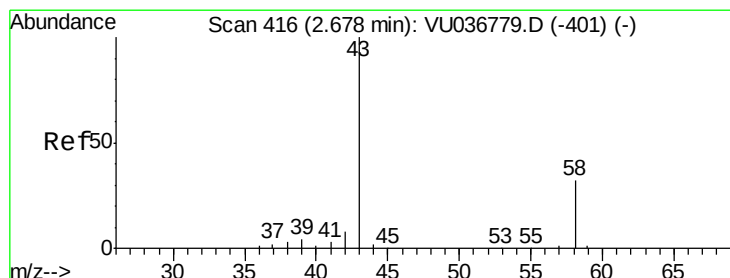
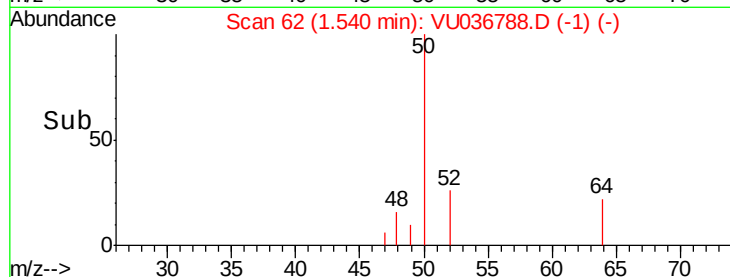
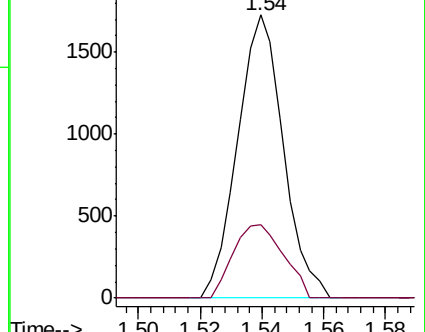
50 100

52 26.1 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) (-)



#13

Acetone

Concen: 3.461 ug/L

RT: 2.66 min Scan# 410

Delta R.T. -0.02 min

Lab File: VU036788.D

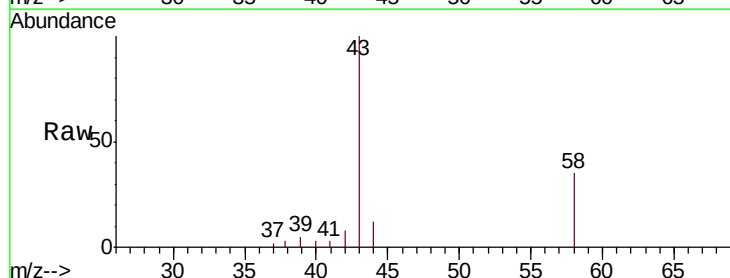
Acq: 14 Feb 2020 15:42

Tgt Ion: 43 Resp: 10357

Ion Ratio Lower Upper

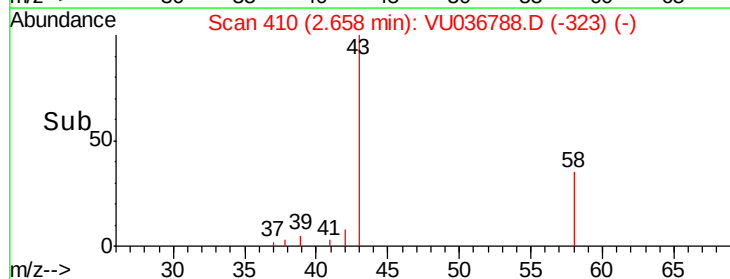
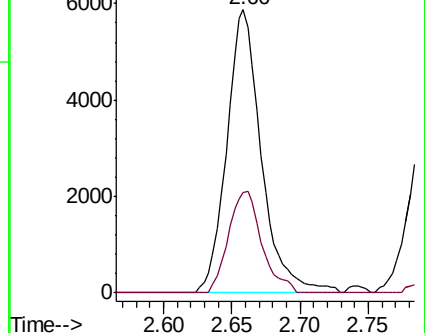
43 100

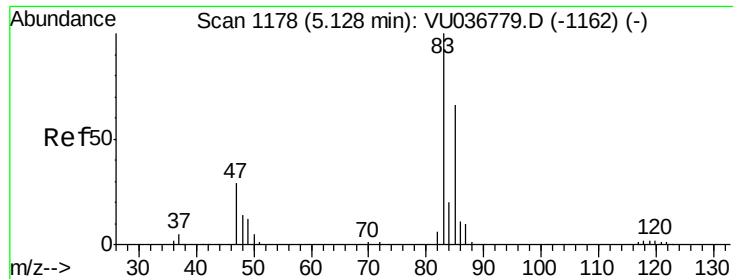
58 34.3 0.0 64.2



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

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

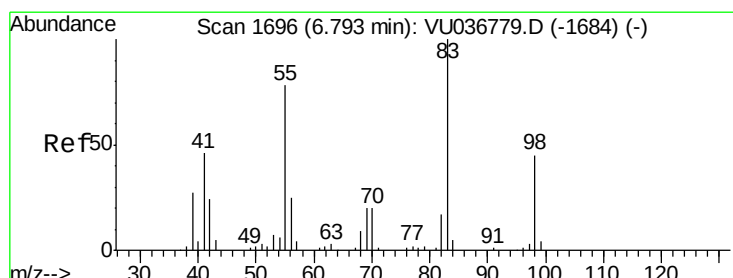
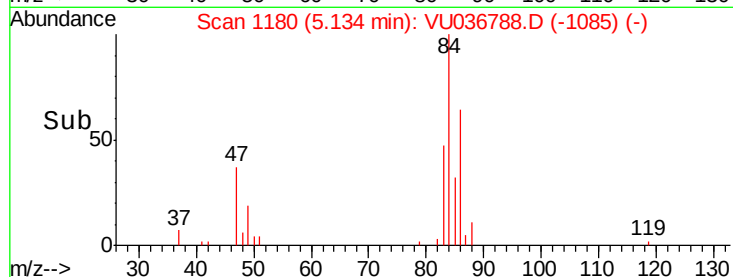
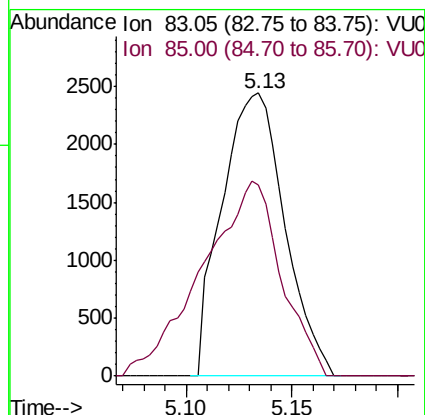
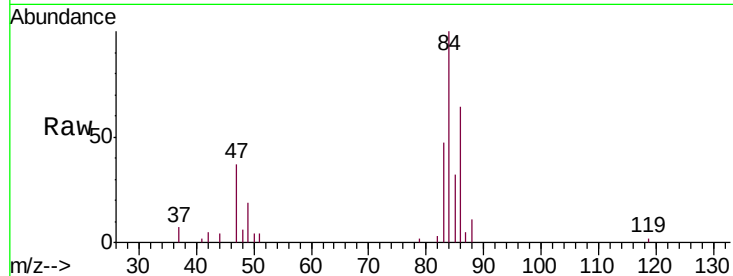




#25
Chloroform
Concen: 0.278 ug/L
RT: 5.13 min Scan# 1180
Delta R.T. 0.01 min
Lab File: VU036788.D
Acq: 14 Feb 2020 15:42

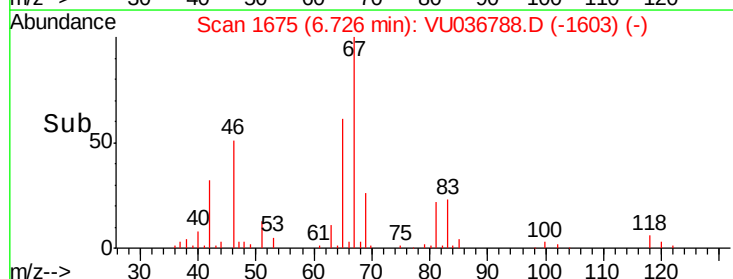
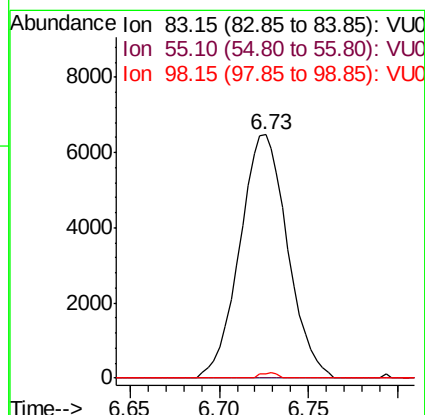
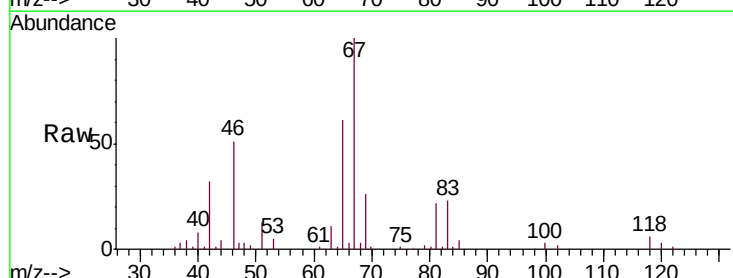
Instrument :
MSVOA_U
ClientSampled :
C0AK3

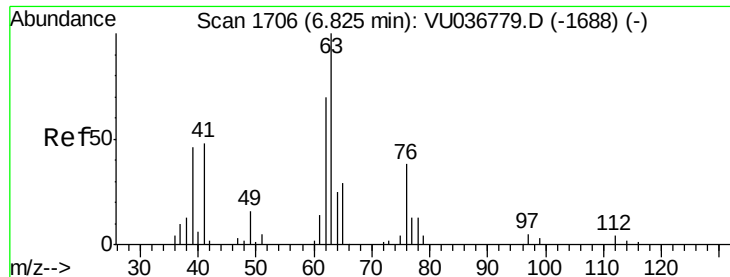
Tgt Ion: 83 Resp: 5063
Ion Ratio Lower Upper
83 100
85 67.6 45.4 84.2



#35
Methylcyclohexane
Concen: 0.811 ug/L
RT: 6.73 min Scan# 1675
Delta R.T. -0.07 min
Lab File: VU036788.D
Acq: 14 Feb 2020 15:42

Tgt Ion: 83 Resp: 12093
Ion Ratio Lower Upper
83 100
55 0.2 61.0 91.4#
98 0.8 34.2 51.4#

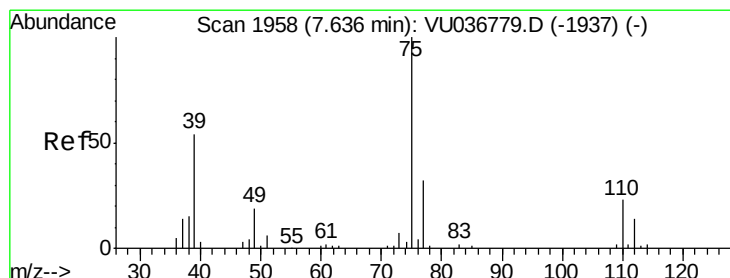
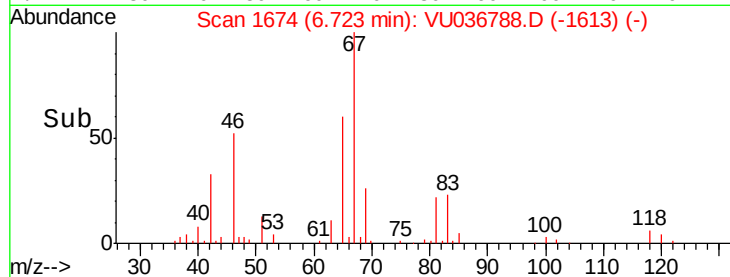
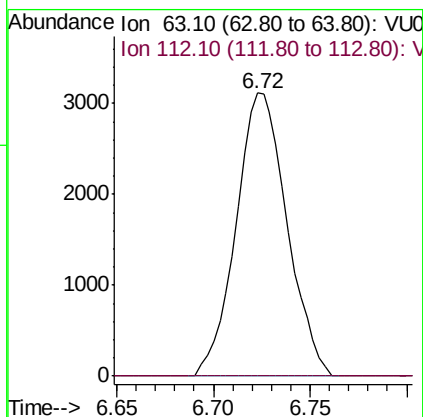
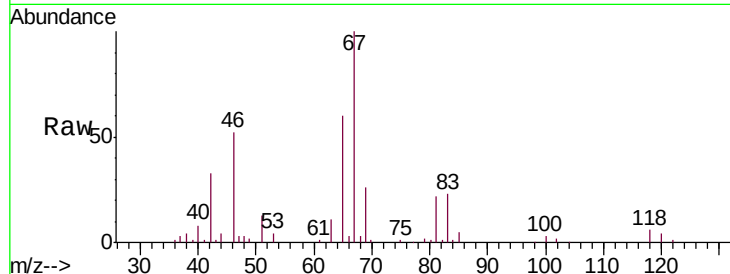




#37
 1,2-Dichloropropane
 Concen: 0.565 ug/L
 RT: 6.72 min Scan# 1674
 Delta R.T. -0.10 min
 Lab File: VU036788.D
 Acq: 14 Feb 2020 15:42

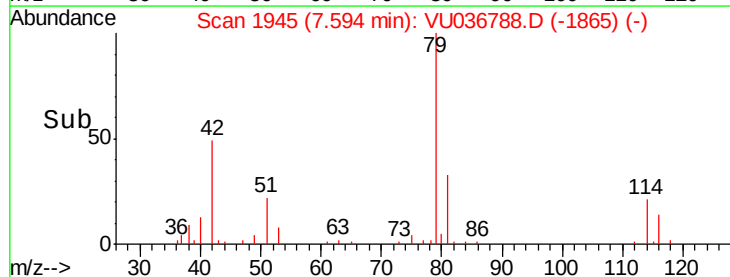
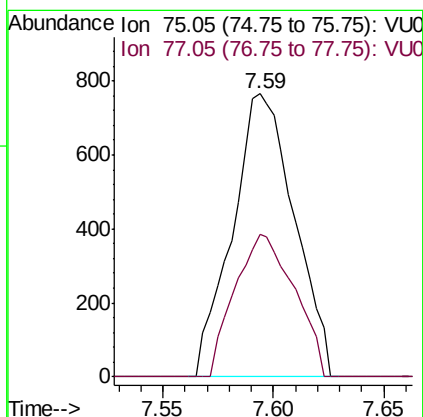
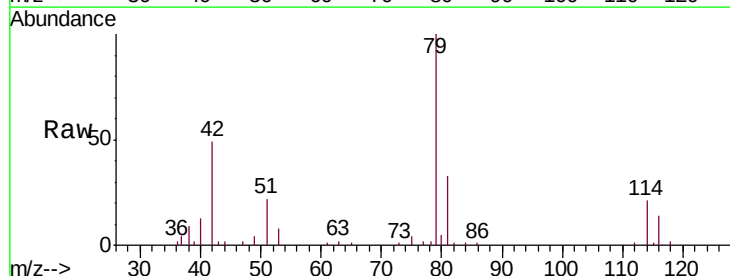
Instrument :
 MSVOA_U
 ClientSampleId :
 C0AK3

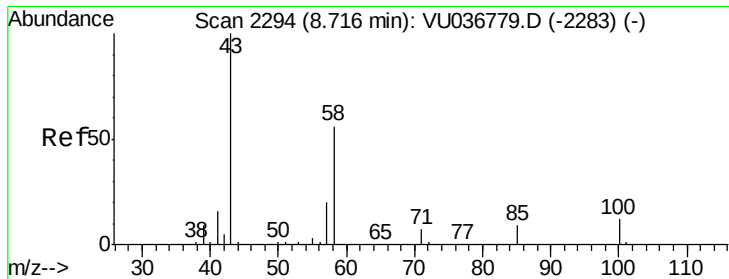
Tgt Ion: 63 Resp: 5693
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.102 ug/L
 RT: 7.59 min Scan# 1945
 Delta R.T. -0.04 min
 Lab File: VU036788.D
 Acq: 14 Feb 2020 15:42

Tgt Ion: 75 Resp: 1493
 Ion Ratio Lower Upper
 75 100
 77 50.2 22.5 41.9#





#48

2-Hexanone

Concen: 2.043 ug/L

RT: 8.66 min Scan# 2277

Delta R.T. -0.05 min

Lab File: VU036788.D

Acq: 14 Feb 2020 15:42

Instrument :

MSVOA_U

ClientSampleId :

C0AK3

Tgt Ion: 43 Resp: 11374

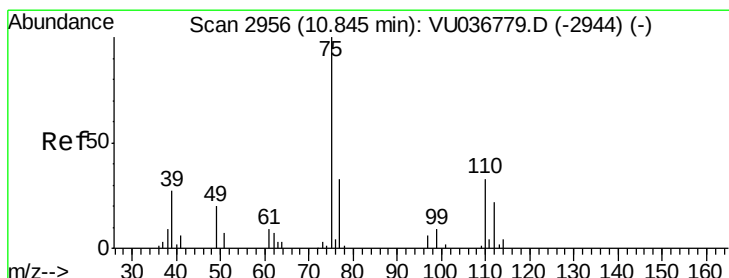
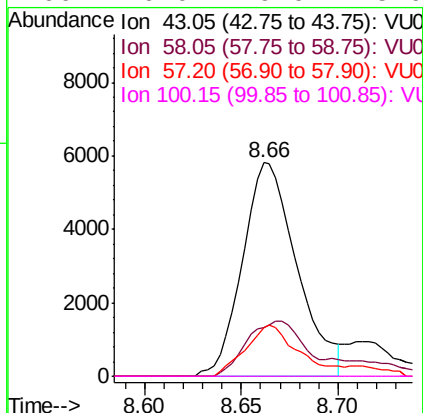
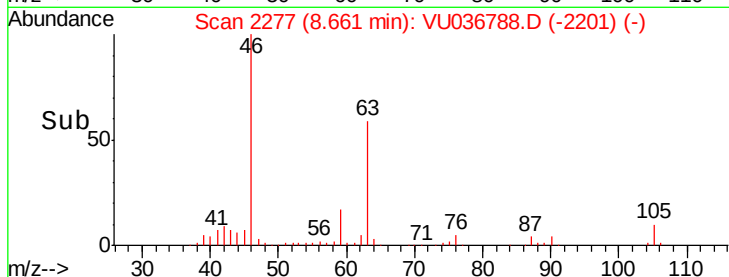
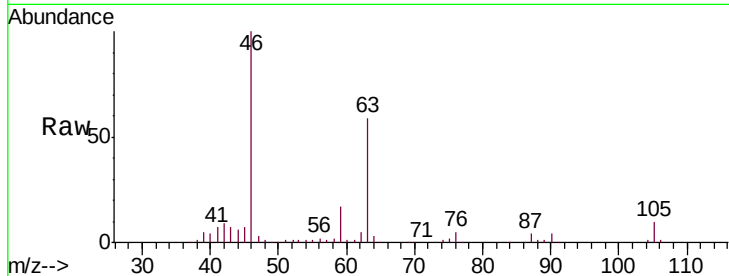
Ion Ratio Lower Upper

43 100

58 35.8 43.6 65.4#

57 22.6 15.0 22.4#

100 0.0 9.0 13.6#



#59

1,2,3-Trichloropropane

Concen: 1.078 ug/L

RT: 11.83 min Scan# 3262

Delta R.T. 0.98 min

Lab File: VU036788.D

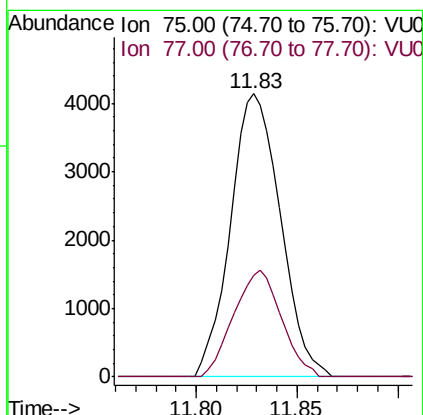
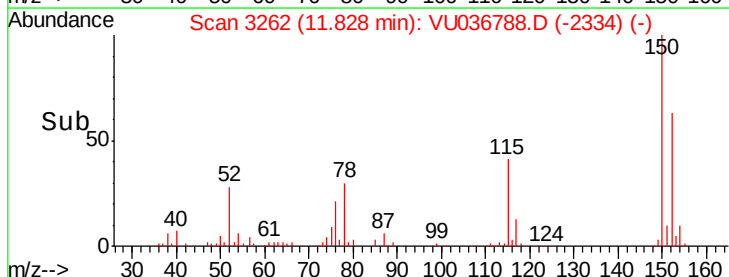
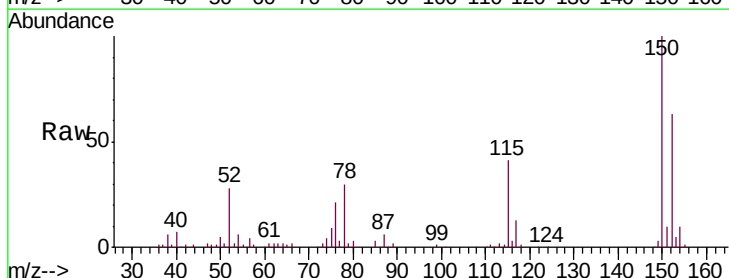
Acq: 14 Feb 2020 15:42

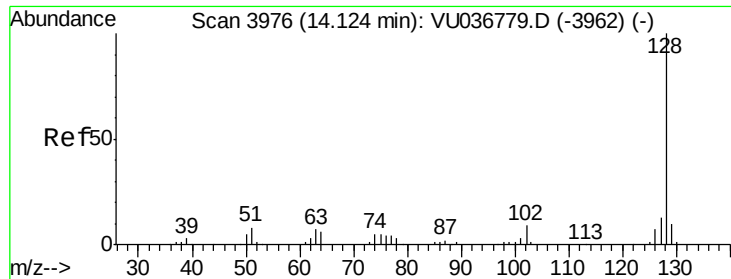
Tgt Ion: 75 Resp: 7173

Ion Ratio Lower Upper

75 100

77 36.1 25.6 38.4





#69

Naphthalene

Concen: 0.267 ug/L

RT: 14.12 min Scan# 3975

Delta R.T. -0.00 min

Lab File: VU036788.D

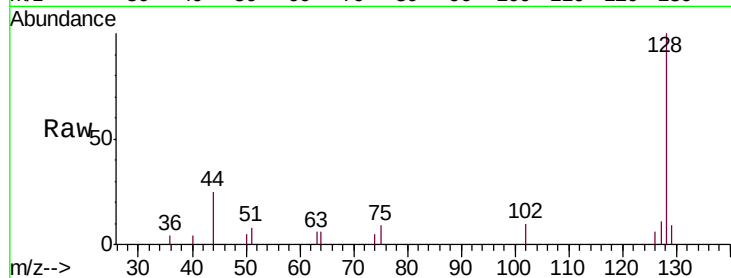
Acq: 14 Feb 2020 15:42

Instrument :

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ClientSampleId :

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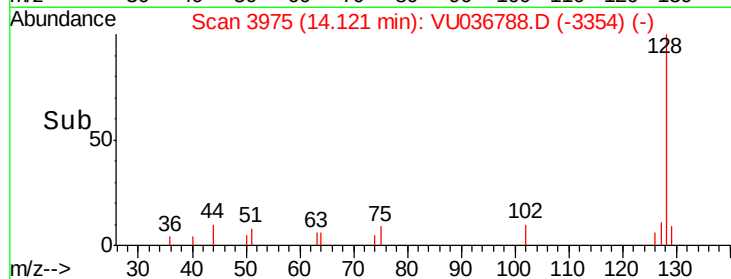
Tgt Ion:128 Resp: 4152

Ion Ratio Lower Upper

128 100

129 9.3 9.0 13.4

127 12.5 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

