

Data File : VU036856.D
Acq On : 19 Feb 2020 18:56
Operator : JC/MD
Sample : L1580-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DBDK3

Quant Time: Feb 20 04:50:46 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Feb 20 04:46:21 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	136319	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	125102	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	55312	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	46172	3.94	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.80%
7) Chloroethane-d5	1.93	69	43667	4.29	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.80%
11) 1,1-Dichloroethene-d2	2.59	63	67202	3.43	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.60%
20) 2-Butanone-d5	4.68	46	123769	50.34	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.68%
24) Chloroform-d	5.11	84	81254	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.80%
26) 1,2-Dichloroethane-d4	5.74	65	47141	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.00%
32) Benzene-d6	5.76	84	178429	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
36) 1,2-Dichloropropane-d6	6.73	67	57793	4.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.80%
41) Toluene-d8	7.92	98	163932	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.60%
43) trans-1,3-Dichloropropene-	8.20	79	20410	4.35	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.00%
46) 2-Hexanone-d5	8.66	63	103658	48.38	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.76%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	42099	4.42	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.40%
64) 1,2-Dichlorobenzene-d4	12.21	152	53474	4.84	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.80%

Target Compounds

					Qvalue
13) Acetone	2.67	43	3912	1.244 ug/L	94
19) 1,1-Dichloroethane	3.91	63	1759	0.098 ug/L	93
35) Methylcyclohexane	6.73	83	12734	0.817 ug/L #	19
37) 1,2-Dichloropropane	6.73	63	6336	0.601 ug/L #	89
39) cis-1,3-Dichloropropene	7.60	75	1638	0.107 ug/L #	62
48) 2-Hexanone	8.66	43	12274	2.110 ug/L #	69
59) 1,2,3-Trichloropropane	11.83	75	8252	1.186 ug/L	93
69) Naphthalene	14.12	128	148371	8.095 ug/L	99

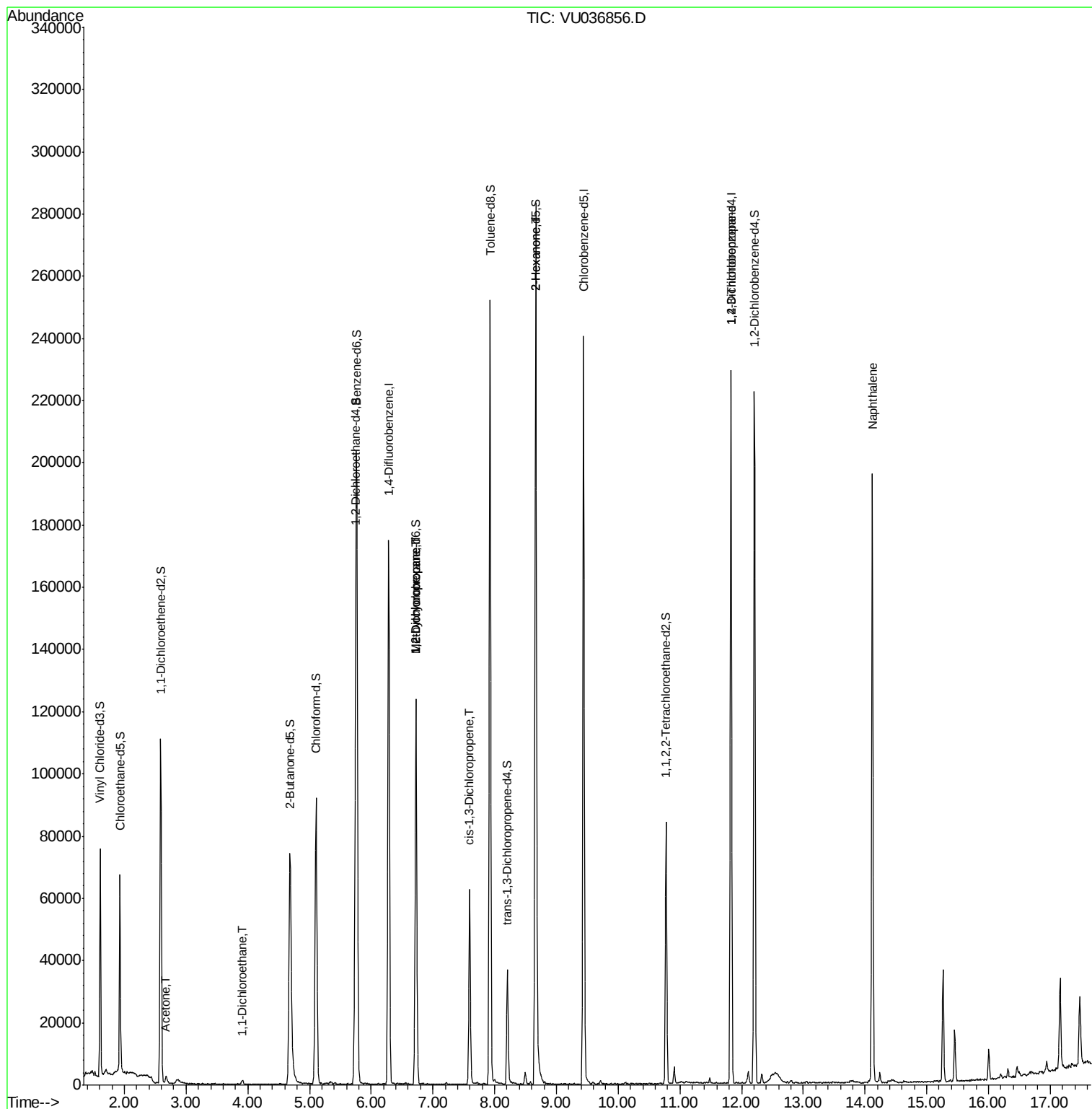
(#) = qualifier out of range (m) = manual integration (+) = signals summed

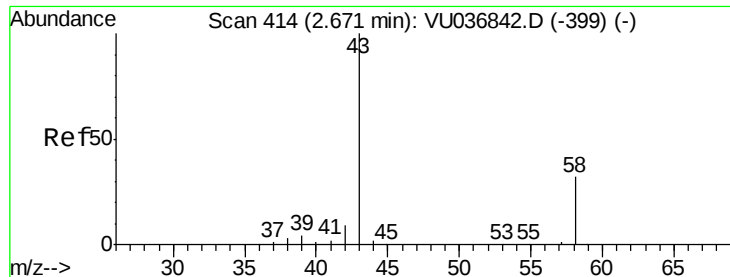
Data File : VU036856.D

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QLast Update : Thu Feb 20 04:46:21 2020
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#13

Acetone

Concen: 1.244 ug/L

RT: 2.67 min Scan# 415

Delta R.T. 0.00 min

Lab File: VU036856.D

Acq: 19 Feb 2020 18:56

Instrument :

MSVOA_U

ClientSampleId :

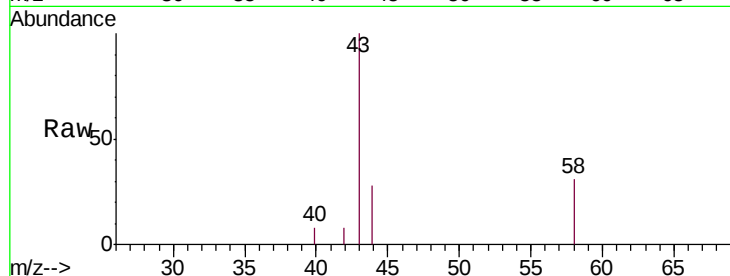
DBDK3

Tgt Ion: 43 Resp: 3912

Ion Ratio Lower Upper

43 100

58 28.9 0.0 64.2



Abundance Ion 43.05 (42.75 to 43.75): VU036856.D (-321) (-)

Ion 58.05 (57.75 to 58.75): VU036856.D (-321) (-)

2.67

1500

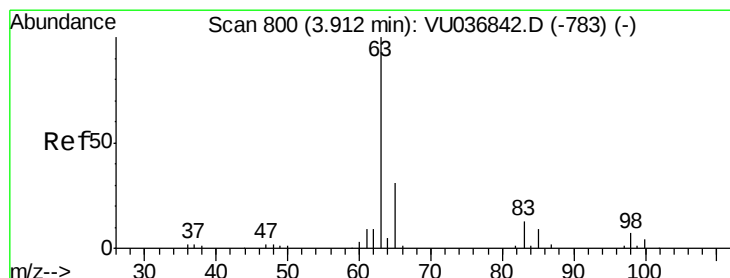
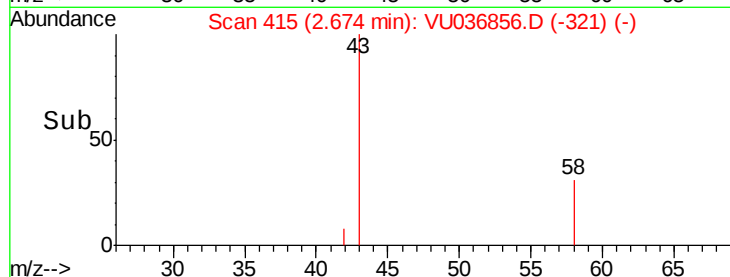
1000

500

0

Time-->

2.60 2.65 2.70 2.75



#19

1,1-Dichloroethane

Concen: 0.098 ug/L

RT: 3.91 min Scan# 800

Delta R.T. -0.00 min

Lab File: VU036856.D

Acq: 19 Feb 2020 18:56

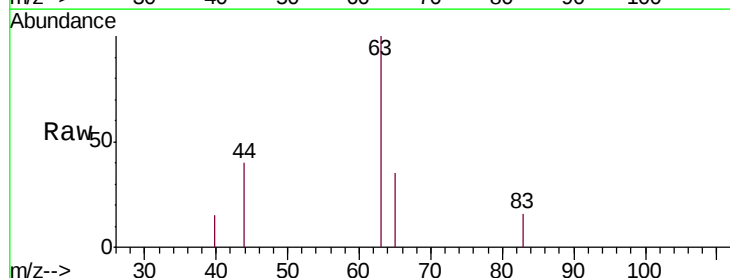
Tgt Ion: 63 Resp: 1759

Ion Ratio Lower Upper

63 100

65 34.8 21.6 40.2

83 15.6 8.8 16.3



Abundance Ion 63.10 (62.80 to 63.80): VU036856.D (-707) (-)

Ion 65.10 (64.80 to 65.80): VU036856.D (-707) (-)

Ion 83.05 (82.75 to 83.75): VU036856.D (-707) (-)

3.91

1000

800

600

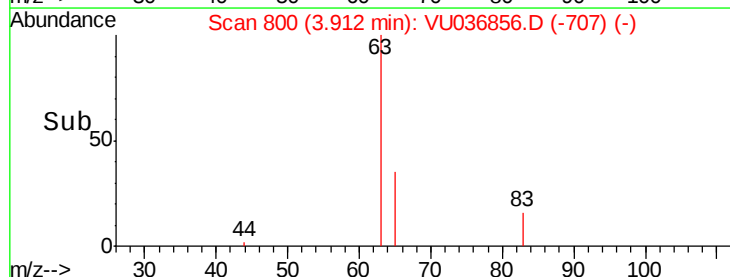
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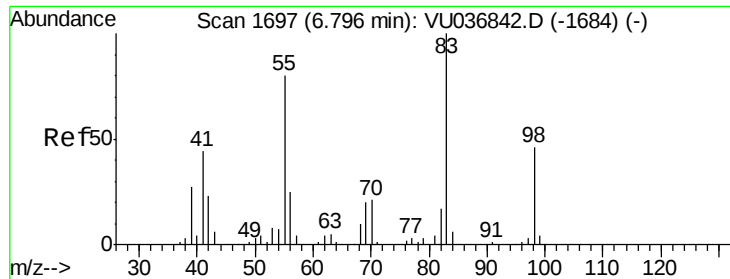
200

0

Time-->

3.85 3.90 3.95

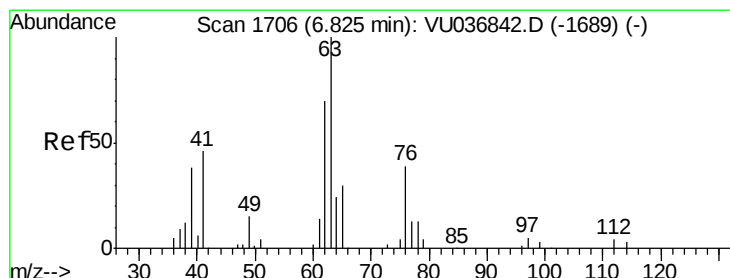
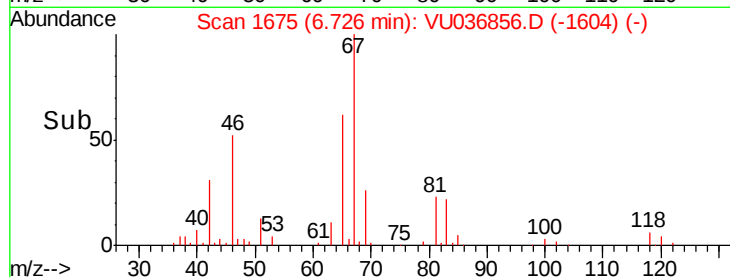
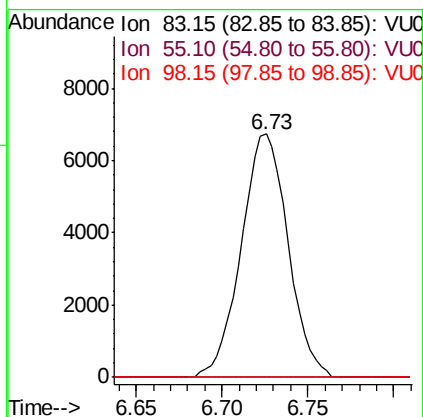
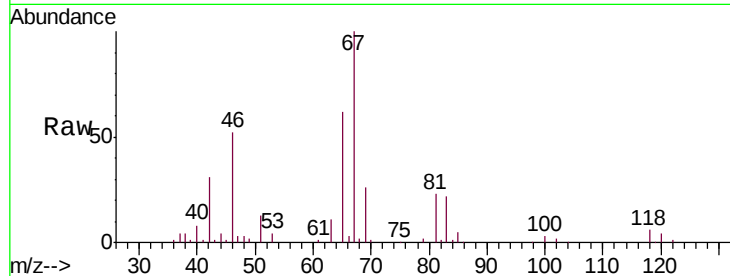




#35
Methylcyclohexane
Concen: 0.817 ug/L
RT: 6.73 min Scan# 1675
Delta R.T. -0.07 min
Lab File: VU036856.D
Acq: 19 Feb 2020 18:56

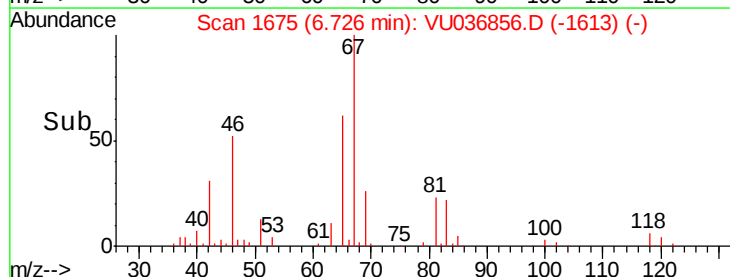
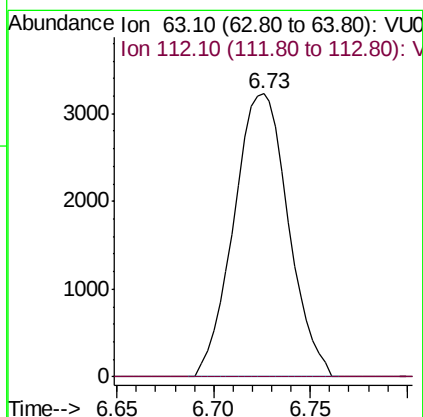
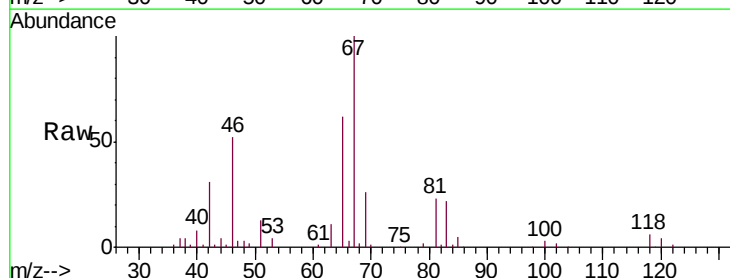
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DBDK3

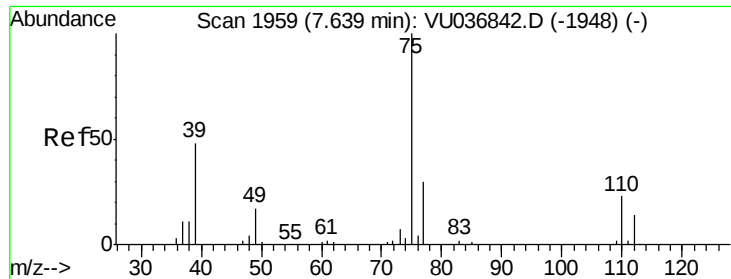
Tgt Ion: 83 Resp: 12734
Ion Ratio Lower Upper
83 100
55 0.0 61.0 91.4#
98 0.0 34.2 51.4#



#37
1,2-Dichloropropane
Concen: 0.601 ug/L
RT: 6.73 min Scan# 1675
Delta R.T. -0.10 min
Lab File: VU036856.D
Acq: 19 Feb 2020 18:56

Tgt Ion: 63 Resp: 6336
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#

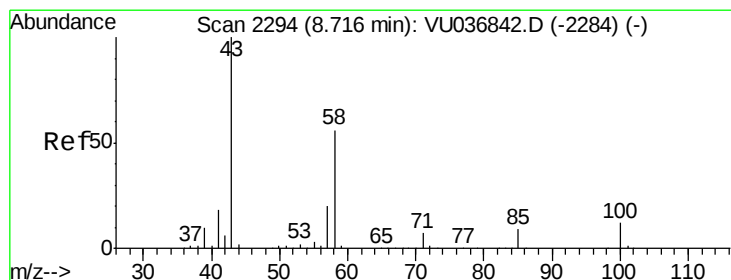
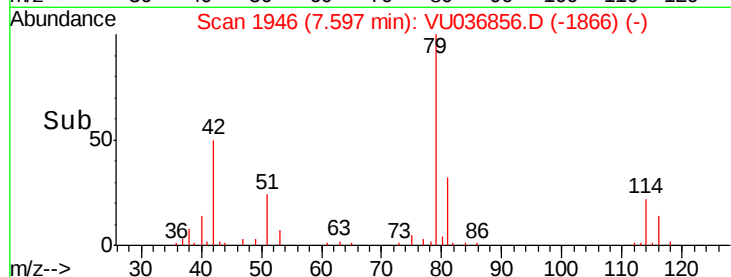
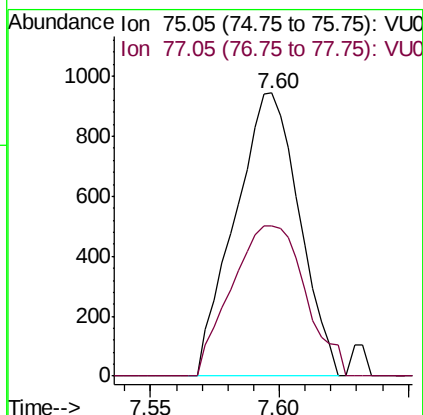
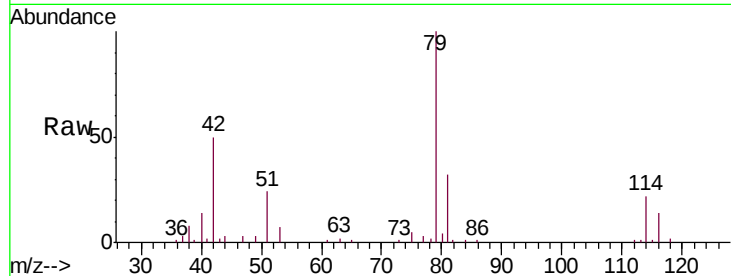




#39
 cis-1,3-Dichloropropene
 Concen: 0.107 ug/L
 RT: 7.60 min Scan# 1946
 Delta R.T. -0.04 min
 Lab File: VU036856.D
 Acq: 19 Feb 2020 18:56

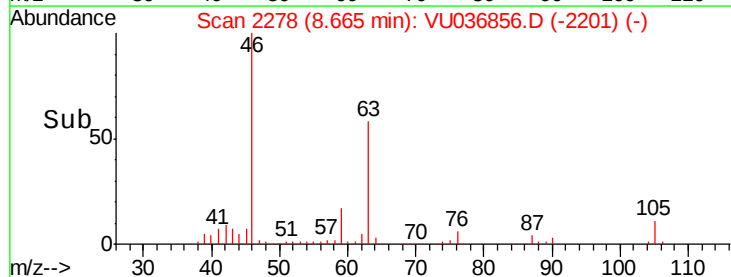
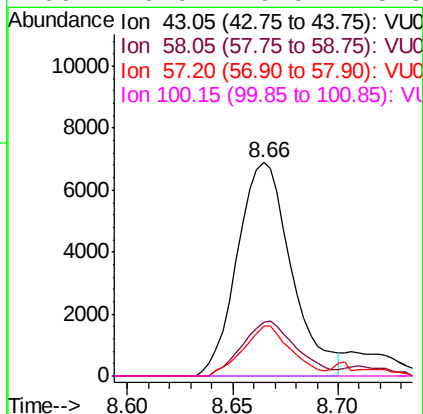
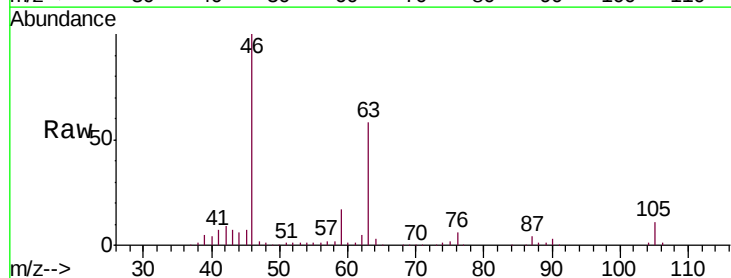
Instrument :
 MSVOA_U
 ClientSampleID :
 DBDK3

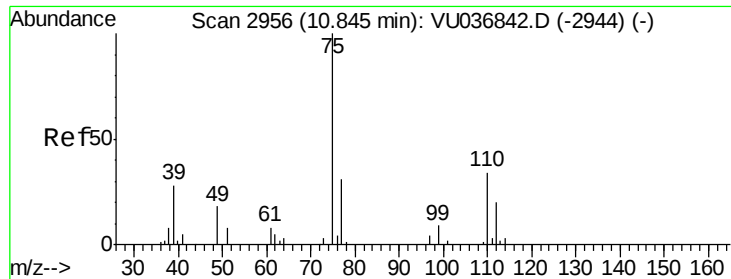
Tgt Ion: 75 Resp: 1638
 Ion Ratio Lower Upper
 75 100
 77 53.2 22.5 41.9#



#48
 2-Hexanone
 Concen: 2.110 ug/L
 RT: 8.66 min Scan# 2278
 Delta R.T. -0.05 min
 Lab File: VU036856.D
 Acq: 19 Feb 2020 18:56

Tgt Ion: 43 Resp: 12274
 Ion Ratio Lower Upper
 43 100
 58 25.9 43.6 65.4#
 57 20.9 15.0 22.4
 100 0.0 9.0 13.6#

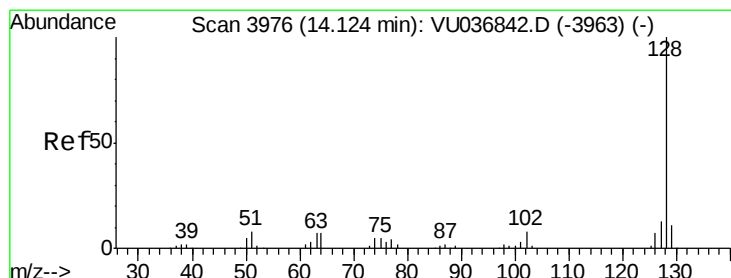
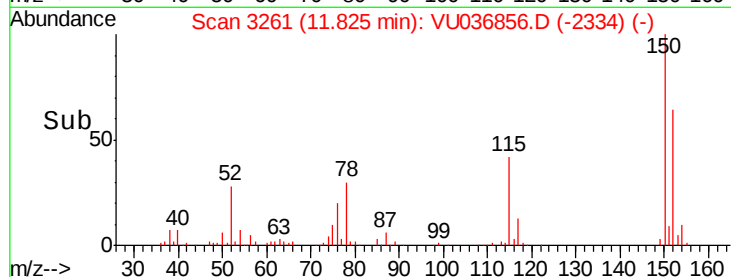
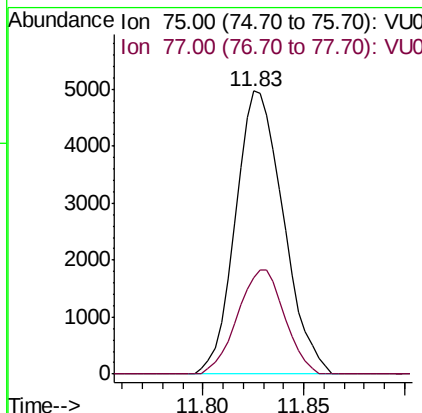
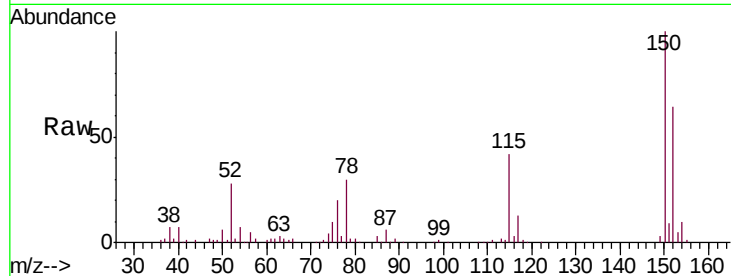




#59
 1,2,3-Trichloropropane
 Concen: 1.186 ug/L
 RT: 11.83 min Scan# 3261
 Delta R.T. 0.98 min
 Lab File: VU036856.D
 Acq: 19 Feb 2020 18:56

Instrument :
 MSVOA_U
 ClientSampled :
 DBDK3

Tgt Ion: 75 Resp: 8252
 Ion Ratio Lower Upper
 75 100
 77 36.2 25.6 38.4



#69
 Naphthalene
 Concen: 8.095 ug/L
 RT: 14.12 min Scan# 3974
 Delta R.T. -0.01 min
 Lab File: VU036856.D
 Acq: 19 Feb 2020 18:56

Tgt Ion: 128 Resp: 148371
 Ion Ratio Lower Upper
 128 100
 129 10.8 9.0 13.4
 127 13.2 10.8 16.2

