

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031420\
 Data File : VU037267.D
 Acq On : 14 Mar 2020 16:59
 Operator : JC/MD
 Sample : L1923-01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 CONF8

Quant Time: Mar 16 05:19:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR031120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Mar 16 05:16:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	131027	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	130580	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	53126	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	35323	4.11	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.20%
7) Chloroethane-d5	1.93	69	31570	5.19	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.80%
11) 1,1-Dichloroethene-d2	2.59	63	51322	2.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.80%#
20) 2-Butanone-d5	4.67	46	98240	44.64	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.28%
24) Chloroform-d	5.11	84	75234	4.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.60%
26) 1,2-Dichloroethane-d4	5.74	65	45338	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.80%
32) Benzene-d6	5.76	84	135797	4.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.60%
36) 1,2-Dichloropropane-d6	6.72	67	44178	4.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.00%
41) Toluene-d8	7.92	98	123429	4.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.00%
43) trans-1,3-Dichloropropene-	8.21	79	17133	4.09	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.80%
46) 2-Hexanone-d5	8.66	63	77036	44.15	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.30%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	35500	4.16	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.20%
64) 1,2-Dichlorobenzene-d4	12.21	152	43084	4.70	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.00%

Target Compounds

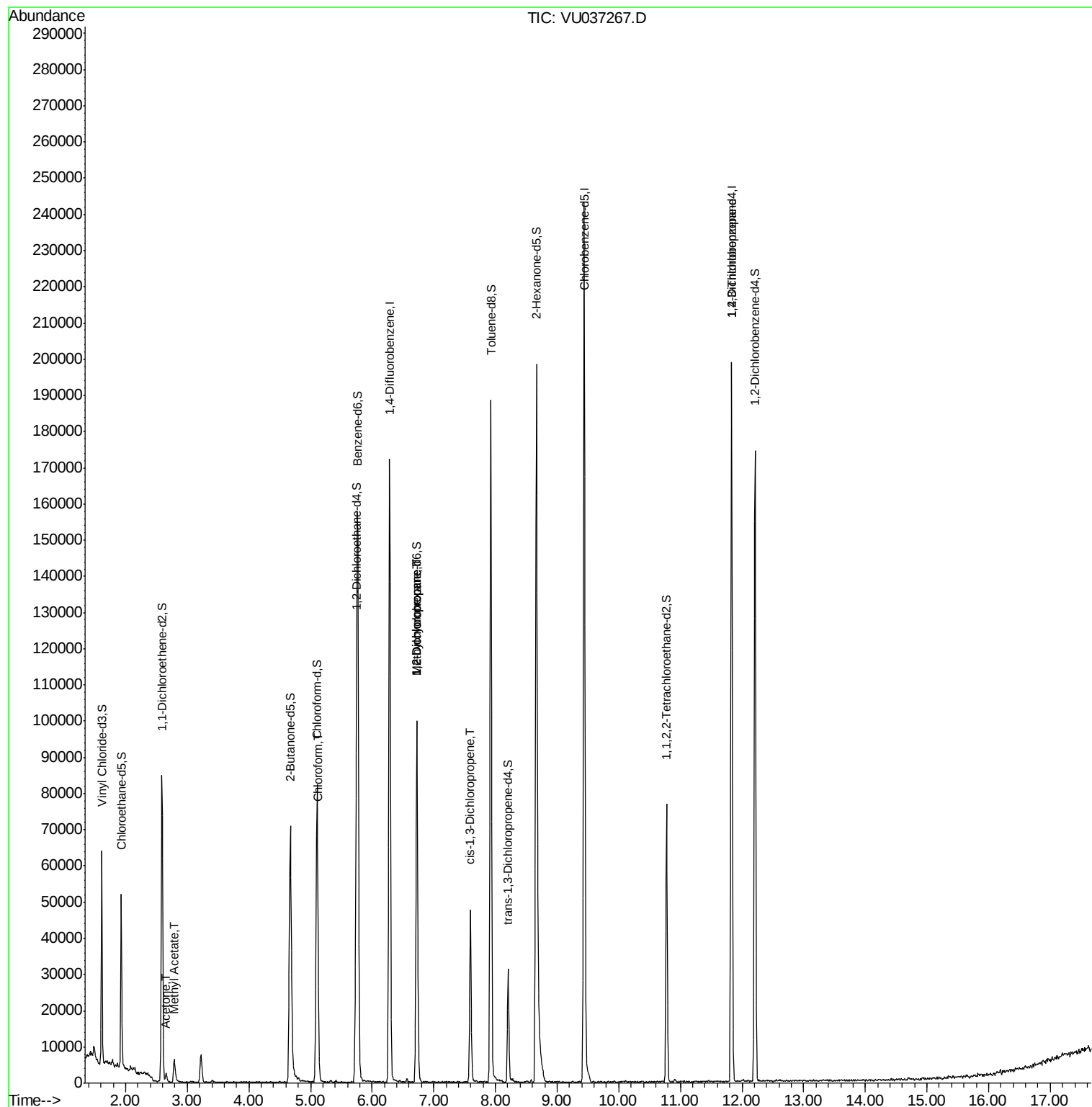
					Ovalue
13) Acetone	2.66	43	2241	1.243	ug/L 93
15) Methyl Acetate	2.78	43	1852	0.439	ug/L # 55
25) Chloroform	5.12	83	3205	0.161	ug/L 99
35) Methylcyclohexane	6.73	83	10569	0.656	ug/L # 15
37) 1,2-Dichloropropane	6.73	63	4963	0.488	ug/L # 88
39) cis-1,3-Dichloropropene	7.59	75	1249	0.086	ug/L # 44
59) 1,2,3-Trichloropropane	11.83	75	7231	0.995	ug/L 100

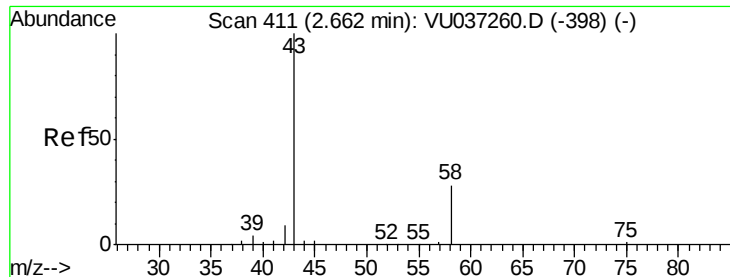
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.243 ug/L

RT: 2.66 min Scan# 409

Delta R.T. -0.01 min

Lab File: VU037267.D

Acq: 14 Mar 2020 16:59

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ClientSampleID :

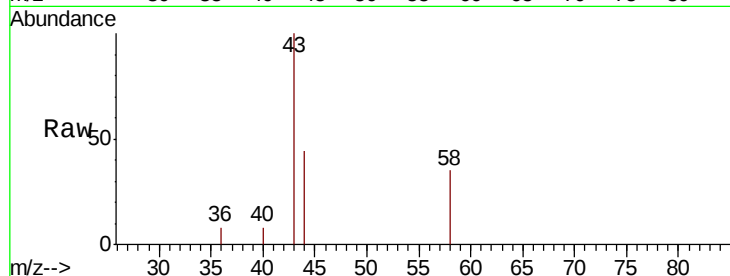
CONF8

Tot Ion: 43 Resp: 2241

Ion Ratio Lower Upper

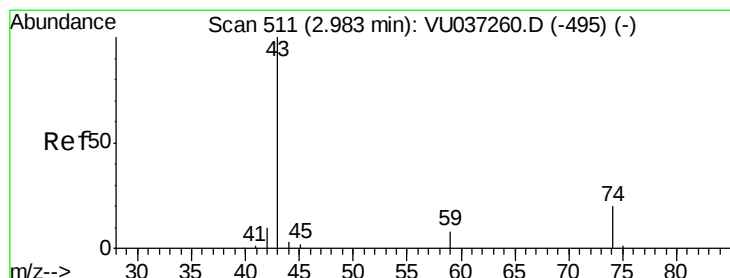
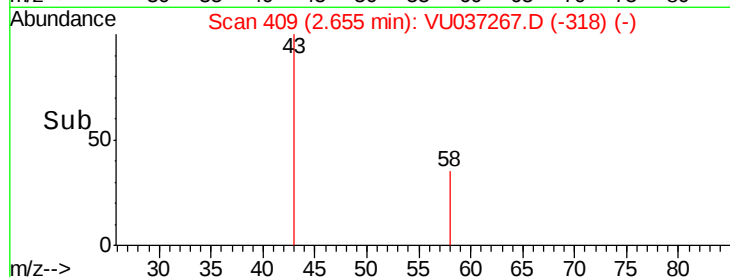
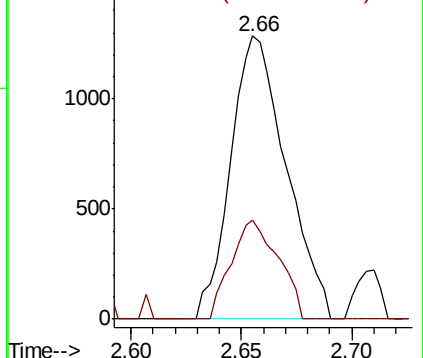
43 100

58 29.6 0.0 52.2



Abundance Ion 43.05 (42.75 to 43.75): VU037267.D (-409) (-)

Ion 58.05 (57.75 to 58.75): VU037267.D (-409) (-)



#15

Methyl Acetate

Concen: 0.439 ug/L

RT: 2.78 min Scan# 449

Delta R.T. -0.20 min

Lab File: VU037267.D

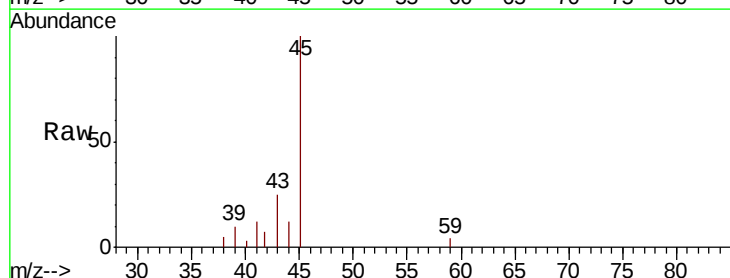
Acq: 14 Mar 2020 16:59

Tgt Ion: 43 Resp: 1852

Ion Ratio Lower Upper

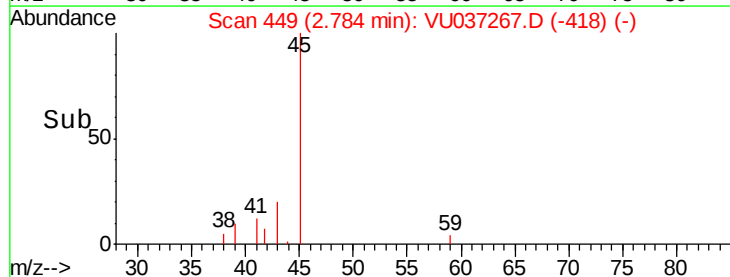
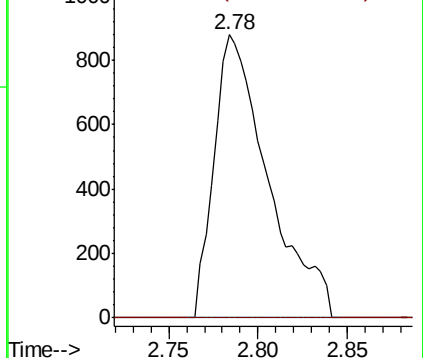
43 100

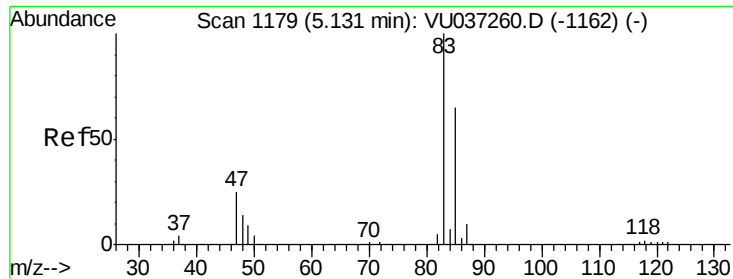
74 0.0 17.1 25.7#



Abundance Ion 43.05 (42.75 to 43.75): VU037267.D (-449) (-)

Ion 74.05 (73.75 to 74.75): VU037267.D (-449) (-)

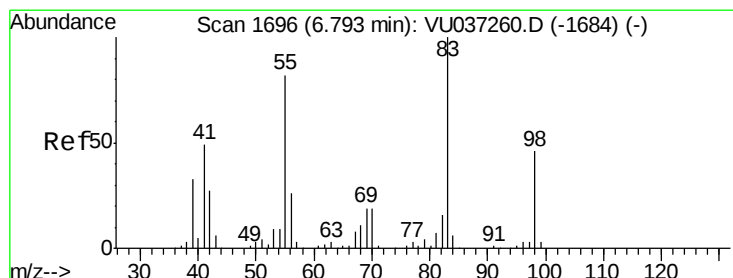
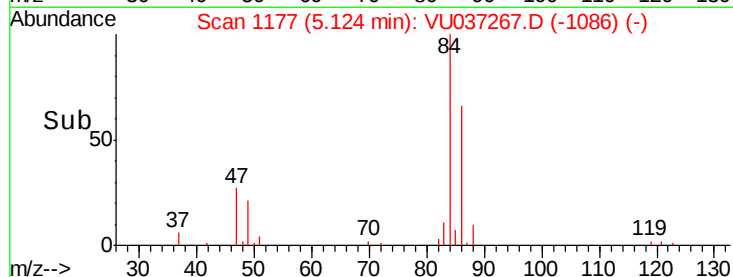
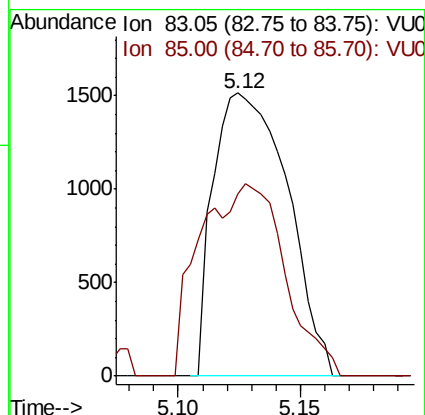
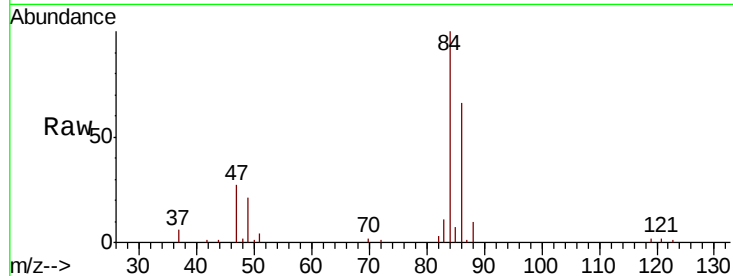




#25
Chloroform
Concen: 0.161 ug/L
RT: 5.12 min Scan# 1177
Delta R.T. -0.01 min
Lab File: VU037267.D
Acq: 14 Mar 2020 16:59

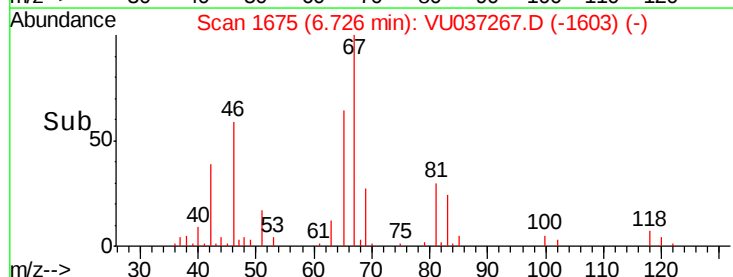
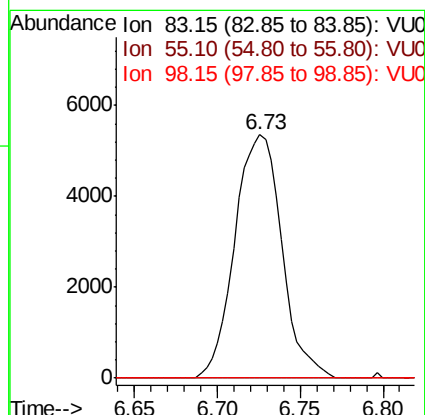
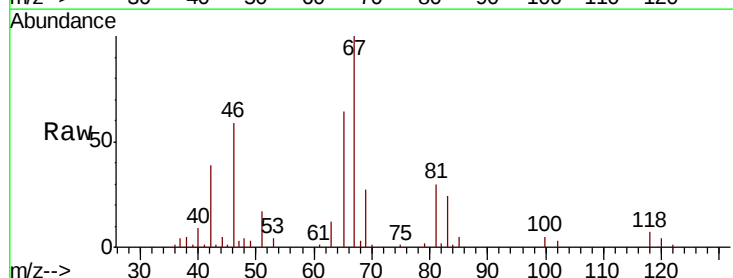
Instrument :
MSVOA_U
ClientSampleId :
CONF8

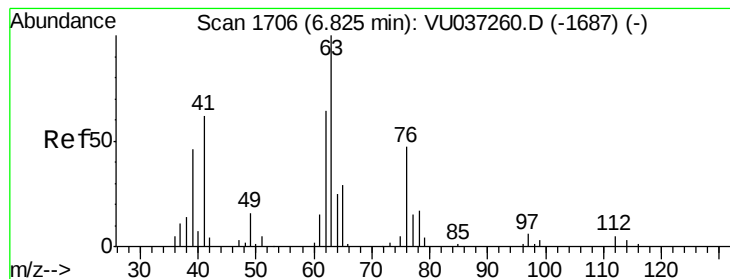
Tot Ion: 83 Resp: 3205
Ion Ratio Lower Upper
83 100
85 64.2 45.3 84.1



#35
Methylcyclohexane
Concen: 0.656 ug/L
RT: 6.73 min Scan# 1675
Delta R.T. -0.07 min
Lab File: VU037267.D
Acq: 14 Mar 2020 16:59

Tgt Ion: 83 Resp: 10569
Ion Ratio Lower Upper
83 100
55 0.0 68.1 102.1#
98 0.0 37.0 55.4#





#37

1,2-Dichloropropane

Concen: 0.488 ug/L

RT: 6.73 min Scan# 1675

Delta R.T. -0.10 min

Lab File: VU037267.D

Acq: 14 Mar 2020 16:59

Instrument :

MSVOA_U

ClientSampleId :

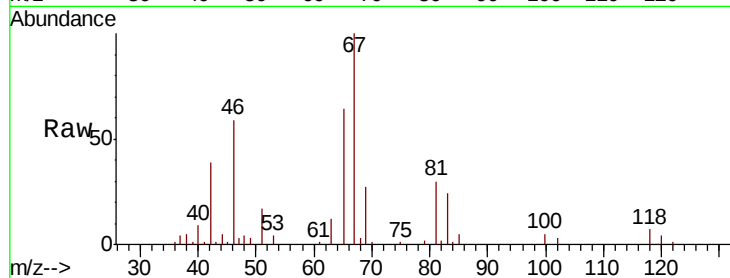
CONF8

Tot Ion: 63 Resp: 4963

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.6#



Abundance Ion 63.10 (62.80 to 63.80): VU037267.D (-1613) (-)

Ion 112.10 (111.80 to 112.80): VU037267.D (-1613) (-)

6.73

3000

2500

2000

1500

1000

500

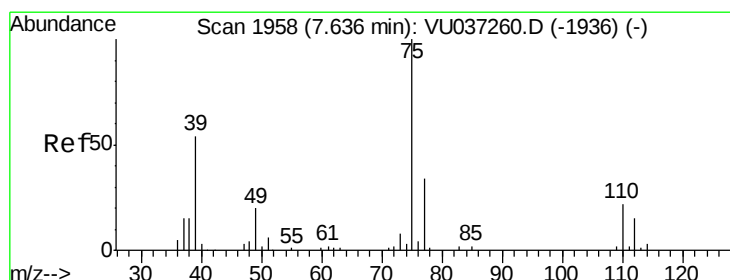
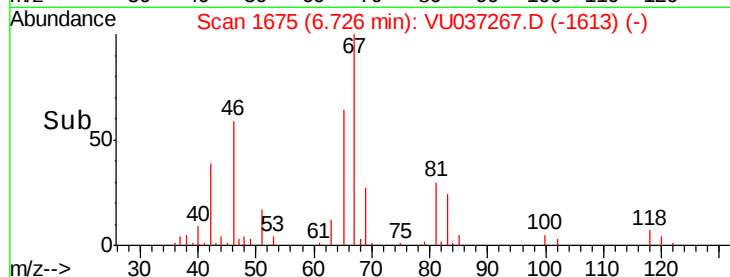
0

6.65

6.70

6.75

Time-->



#39

cis-1,3-Dichloropropene

Concen: 0.086 ug/L

RT: 7.59 min Scan# 1945

Delta R.T. -0.04 min

Lab File: VU037267.D

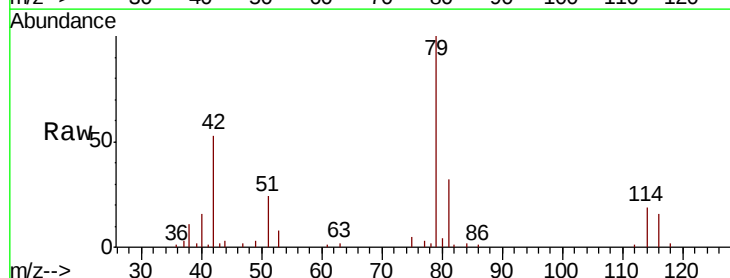
Acq: 14 Mar 2020 16:59

Tgt Ion: 75 Resp: 1249

Ion Ratio Lower Upper

75 100

77 60.3 21.1 39.1#



Abundance Ion 75.05 (74.75 to 75.75): VU037267.D (-1865) (-)

Ion 77.05 (76.75 to 77.75): VU037267.D (-1865) (-)

7.59

800

600

400

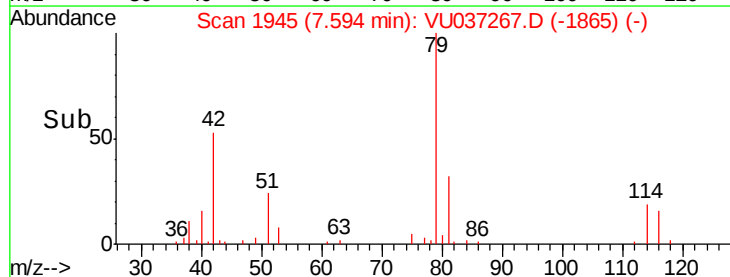
200

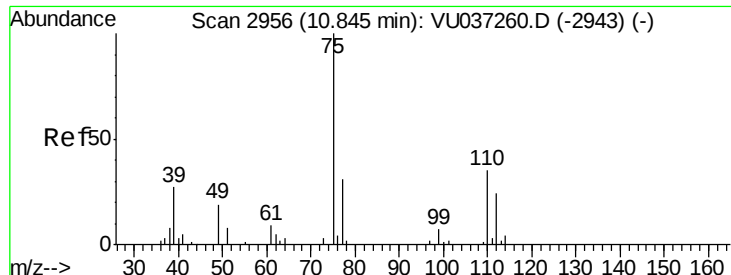
0

7.55

7.60

Time-->





#59

1,2,3-Trichloropropane

Concen: 0.995 ug/L

RT: 11.83 min Scan# 3262

Delta R.T. 0.98 min

Lab File: VU037267.D

Acq: 14 Mar 2020 16:59

Instrument :

MSVOA_U

ClientSampleId :

CONF8

Tot Ion: 75 Resp: 7231

Ion Ratio Lower Upper

75 100

77 34.5 27.4 41.0

