

Data File : VU036237.D
Acq On : 16 Dec 2019 16:30
Operator : JC/MD
Sample : K6234-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Quant Time: Dec 17 01:24:47 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Dec 17 01:19:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	223742	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	251207	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	79920	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	86895	4.41	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.20%
7) Chloroethane-d5	1.93	69	85928	4.87	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.40%
11) 1,1-Dichloroethene-d2	2.59	63	93673	3.30	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.00%
20) 2-Butanone-d5	4.68	46	216703	58.71	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.42%
24) Chloroform-d	5.11	84	157357	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.40%
26) 1,2-Dichloroethane-d4	5.75	65	89258	5.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.40%
32) Benzene-d6	5.77	84	286356	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.80%
36) 1,2-Dichloropropane-d6	6.73	67	95193	4.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.80%
41) Toluene-d8	7.93	98	236815	3.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.80%
43) trans-1,3-Dichloropropene-	8.21	79	37690	4.60	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.00%
46) 2-Hexanone-d5	8.69	63	165232	52.79	ug/L	0.01
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.58%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	96517	5.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.20%
64) 1,2-Dichlorobenzene-d4	12.22	152	79790	5.21	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.20%

Target Compounds

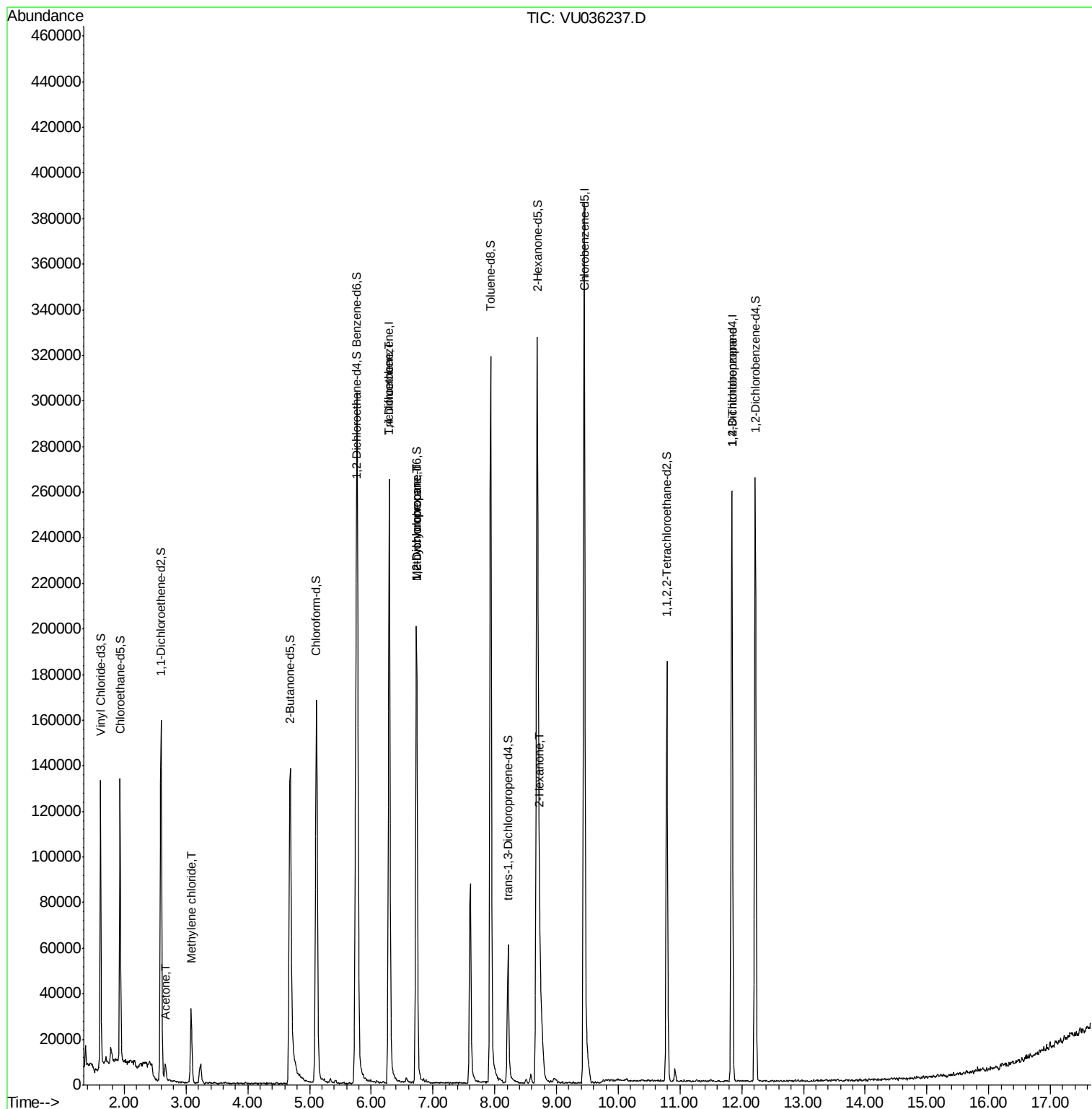
					Qvalue
13) Acetone	2.66	43	7575	2.355 ug/L	94
16) Methylene chloride	3.08	84	15885	0.651 ug/L	97
34) Trichloroethene	6.29	95	3899	0.196 ug/L #	5
35) Methylcyclohexane	6.73	83	22755	0.804 ug/L #	18
37) 1,2-Dichloropropane	6.73	63	10331	0.525 ug/L #	87
48) 2-Hexanone	8.73	43	9398	1.222 ug/L #	38
59) 1,2,3-Trichloropropane	11.84	75	8508	0.650 ug/L	94

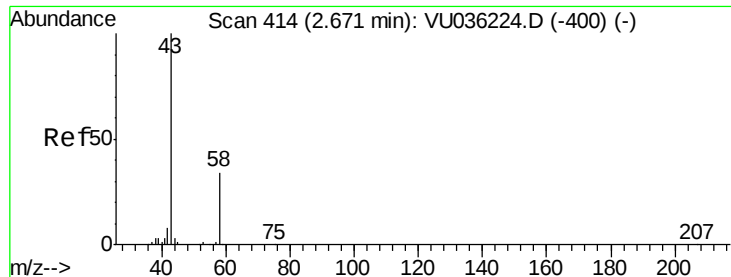
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.355 ug/L

RT: 2.66 min Scan# 411

Delta R.T. -0.01 min

Lab File: VU036237.D

Acq: 16 Dec 2019 16:30

Instrument :

MSVOA_U

ClientSampleId :

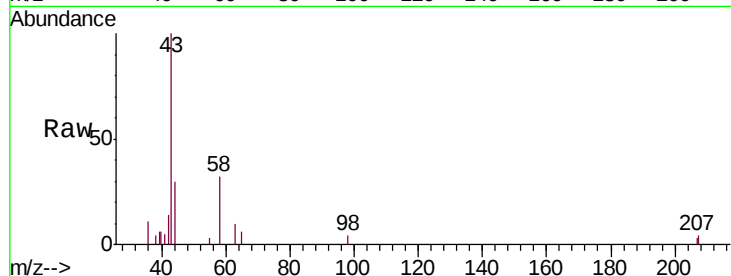
VHBLK01

Tgt Ion: 43 Resp: 7575

Ion Ratio Lower Upper

43 100

58 30.3 0.0 67.6

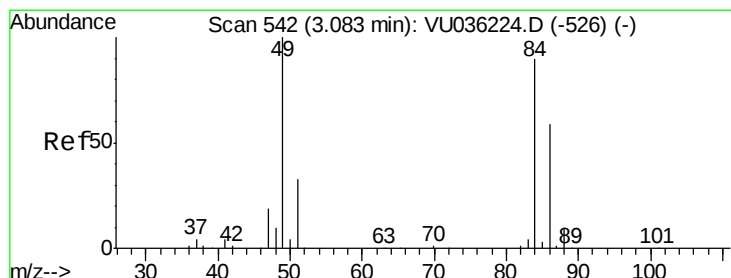
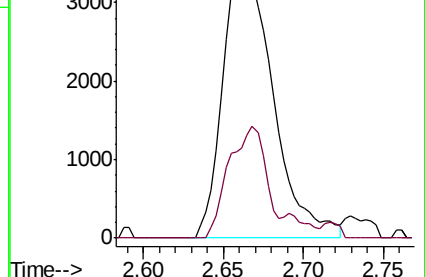
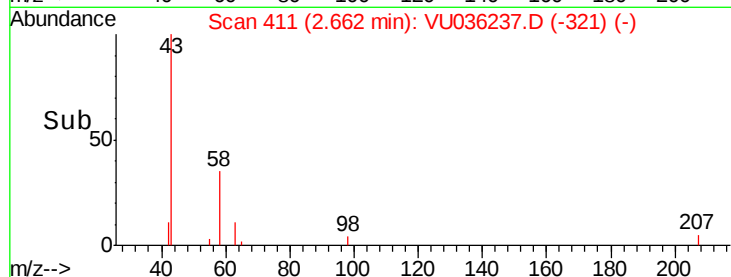


Abundance Ion 43.05 (42.75 to 43.75): VU036237.D (-449) (-)

Ion 58.05 (57.75 to 58.75): VU036237.D (-449) (-)

2.66

Time-->



#16

Methylene chloride

Concen: 0.651 ug/L

RT: 3.08 min Scan# 542

Delta R.T. 0.00 min

Lab File: VU036237.D

Acq: 16 Dec 2019 16:30

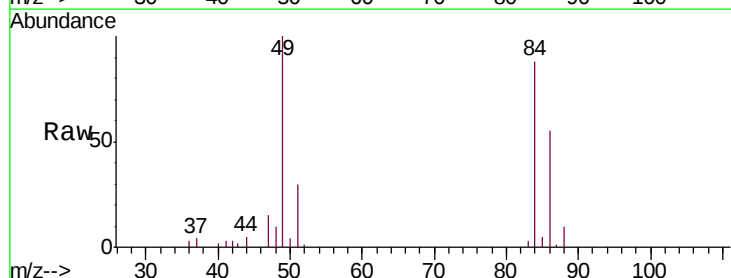
Tgt Ion: 84 Resp: 15885

Ion Ratio Lower Upper

84 100

86 62.7 43.0 79.8

49 114.0 77.3 143.5



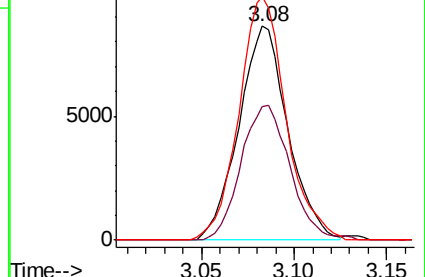
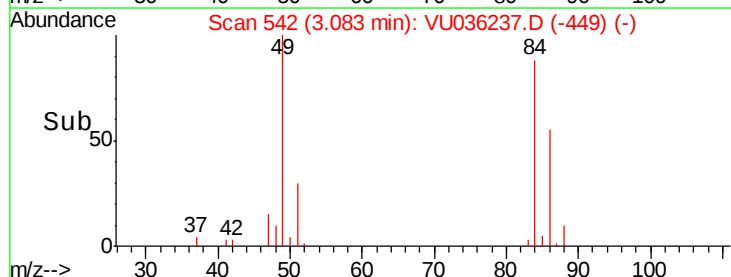
Abundance Ion 84.05 (83.75 to 84.75): VU036237.D (-449) (-)

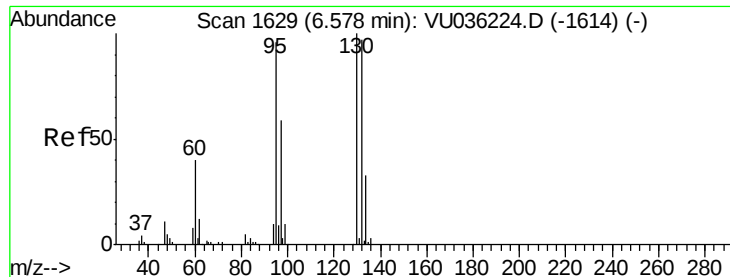
Ion 86.00 (85.70 to 86.70): VU036237.D (-449) (-)

Ion 49.10 (48.80 to 49.80): VU036237.D (-449) (-)

3.08

Time-->





#34

Trichloroethene

Concen: 0.196 ug/L

RT: 6.29 min Scan# 1539

Delta R.T. -0.29 min

Lab File: VU036237.D

Acq: 16 Dec 2019 16:30

Instrument :

MSVOA_U

ClientSampleId :

VHBLK01

Tgt Ion: 95 Resp: 3899

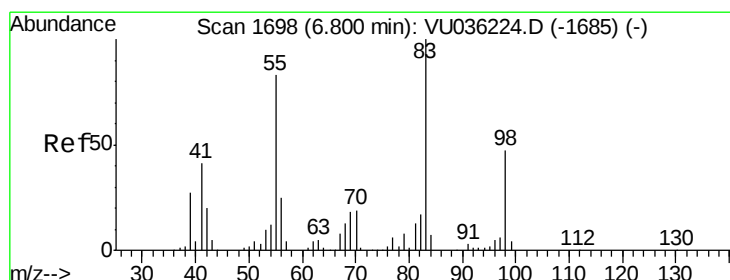
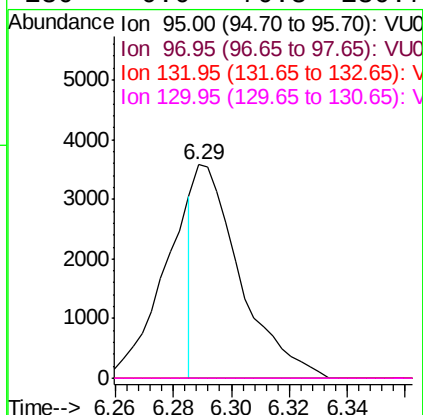
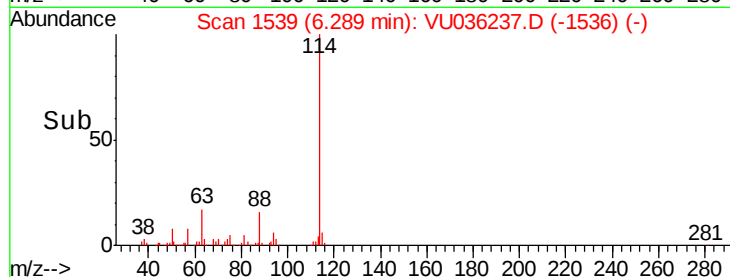
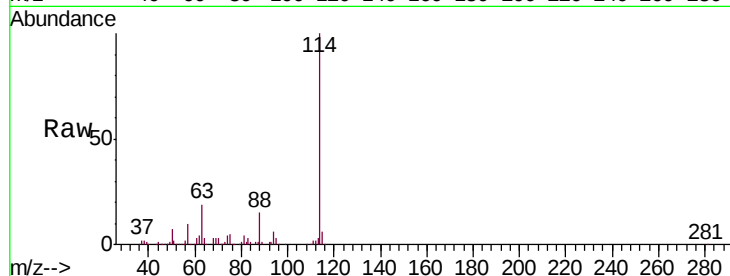
Ion Ratio Lower Upper

95 100

97 0.0 43.6 81.0#

132 0.0 69.6 129.2#

130 0.0 70.3 130.7#



#35

Methylcyclohexane

Concen: 0.804 ug/L

RT: 6.73 min Scan# 1677

Delta R.T. -0.07 min

Lab File: VU036237.D

Acq: 16 Dec 2019 16:30

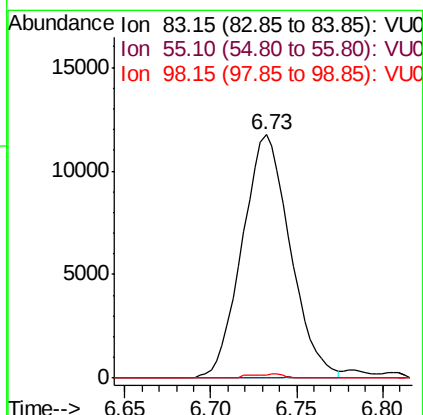
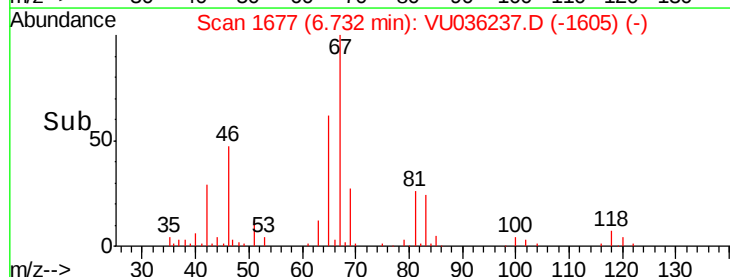
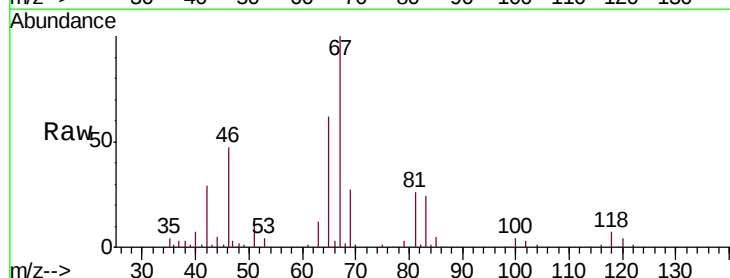
Tgt Ion: 83 Resp: 22755

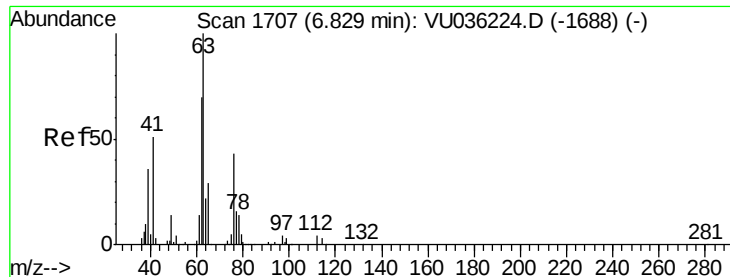
Ion Ratio Lower Upper

83 100

55 0.1 62.6 94.0#

98 1.1 36.2 54.2#

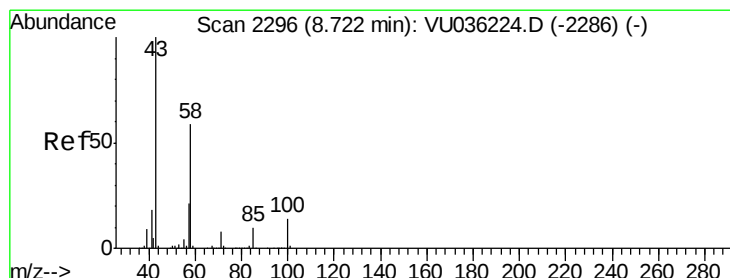
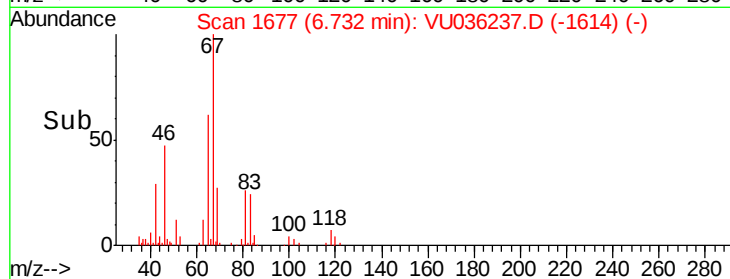
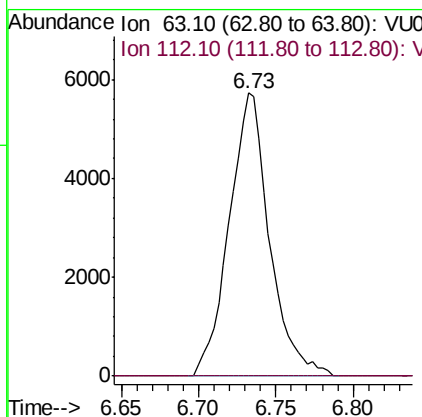
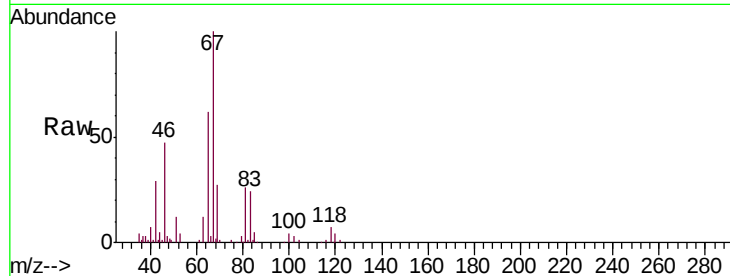




#37
 1,2-Dichloropropane
 Concen: 0.525 ug/L
 RT: 6.73 min Scan# 1677
 Delta R.T. -0.10 min
 Lab File: VU036237.D
 Acq: 16 Dec 2019 16:30

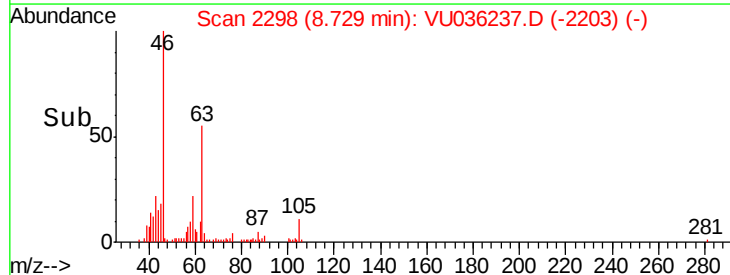
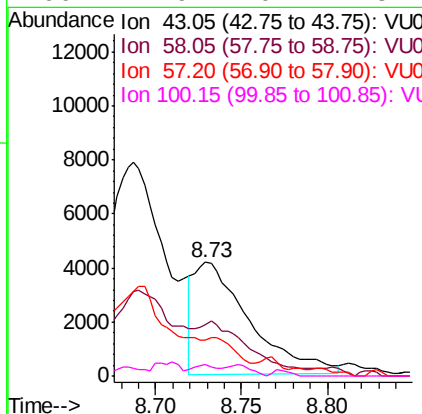
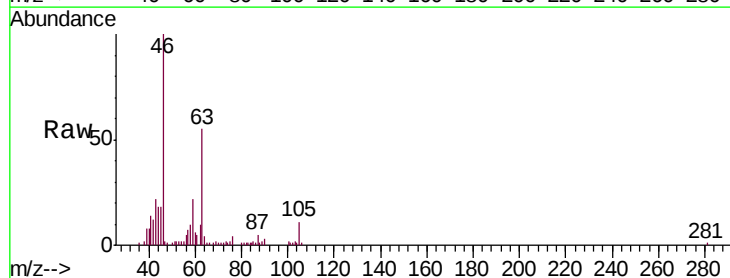
Instrument :
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 ClientSampleId :
 VHBLK01

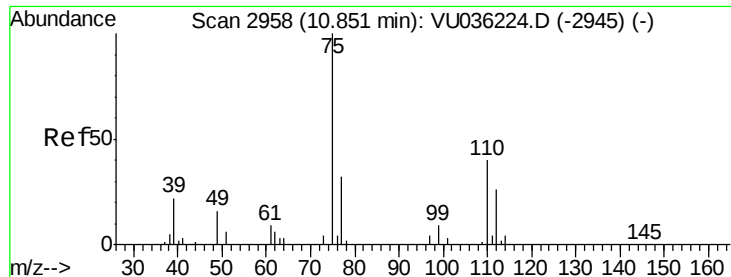
Tgt Ion: 63 Resp: 10331
 Ion Ratio Lower Upper
 63 100
 112 0.4 3.8 5.8#



#48
 2-Hexanone
 Concen: 1.222 ug/L
 RT: 8.73 min Scan# 2298
 Delta R.T. 0.01 min
 Lab File: VU036237.D
 Acq: 16 Dec 2019 16:30

Tgt Ion: 43 Resp: 9398
 Ion Ratio Lower Upper
 43 100
 58 0.0 46.2 69.2#
 57 0.0 16.2 24.4#
 100 4.9 10.2 15.4#





#59

1,2,3-Trichloropropane

Concen: 0.650 ug/L

RT: 11.84 min Scan# 3266

Delta R.T. 0.99 min

Lab File: VU036237.D

Acq: 16 Dec 2019 16:30

Instrument :

MSVOA_U

ClientSampleId :

VHBLK01

Tgt Ion: 75 Resp: 8508

Ion Ratio Lower Upper

75 100

77 37.5 27.2 40.8

