

Data File : VU036239.D
Acq On : 16 Dec 2019 17:19
Operator : JC/MD
Sample : K6240-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Quant Time: Dec 17 01:25:09 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	232167	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	265365	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	84612	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	82136	4.02	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.40%
7) Chloroethane-d5	1.93	69	81383	4.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.80%
11) 1,1-Dichloroethene-d2	2.59	63	90237	3.06	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.20%
20) 2-Butanone-d5	4.68	46	210192	54.88	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.76%
24) Chloroform-d	5.11	84	153273	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.20%
26) 1,2-Dichloroethane-d4	5.75	65	85850	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.40%
32) Benzene-d6	5.77	84	277936	4.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.40%
36) 1,2-Dichloropropane-d6	6.73	67	92567	4.41	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.20%
41) Toluene-d8	7.93	98	223778	3.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.40%
43) trans-1,3-Dichloropropene-	8.21	79	35870	4.15	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.00%
46) 2-Hexanone-d5	8.69	63	158732	48.00	ug/L	0.01
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.00%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	92948	4.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.80%
64) 1,2-Dichlorobenzene-d4	12.22	152	79000	4.88	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.60%

Target Compounds

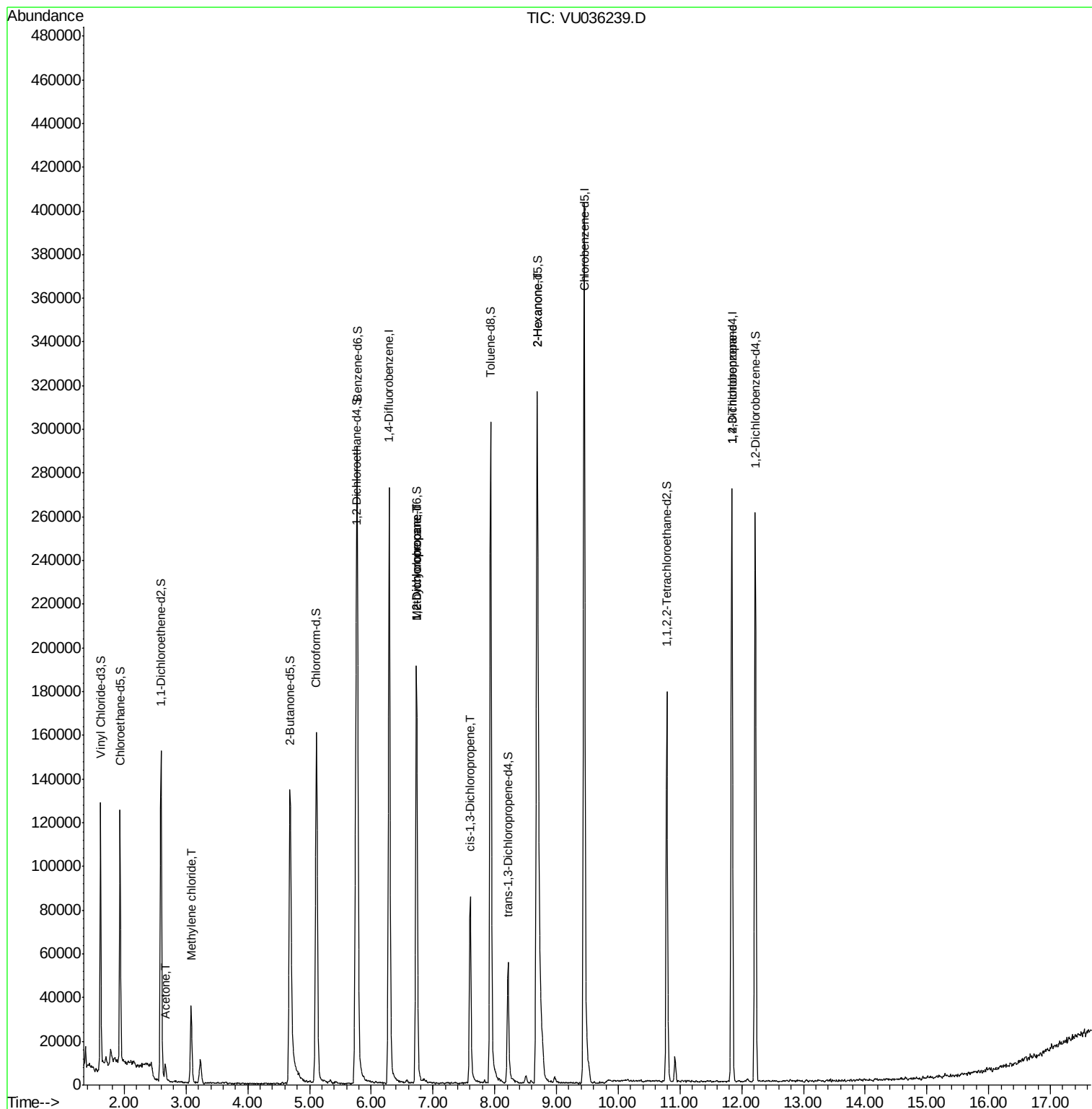
					Qvalue
13) Acetone	2.66	43	7821	2.343 ug/L	96
16) Methylene chloride	3.08	84	17657	0.697 ug/L	89
35) Methylcyclohexane	6.73	83	22623	0.757 ug/L #	19
37) 1,2-Dichloropropane	6.73	63	10167	0.489 ug/L #	86
39) cis-1,3-Dichloropropene	7.60	75	2650	0.093 ug/L #	61
48) 2-Hexanone	8.69	43	21056	2.592 ug/L #	66
59) 1,2,3-Trichloropropane	11.84	75	9204	0.666 ug/L	97

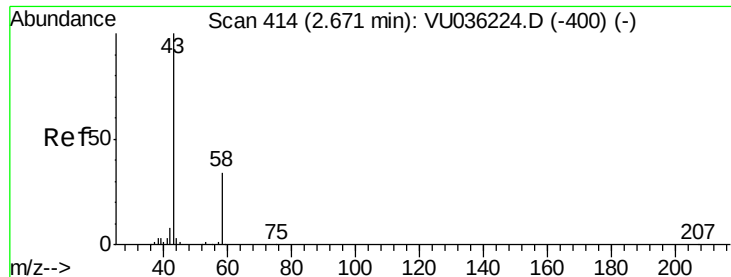
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.343 ug/L

RT: 2.66 min Scan# 411

Delta R.T. -0.01 min

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Acq: 16 Dec 2019 17:19

Instrument :

MSVOA_U

ClientSampleId :

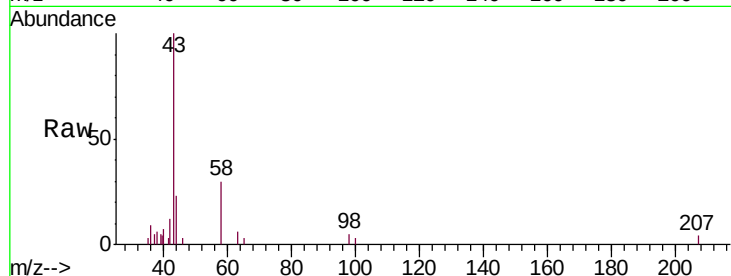
VHBLK01

Tgt Ion: 43 Resp: 7821

Ion Ratio Lower Upper

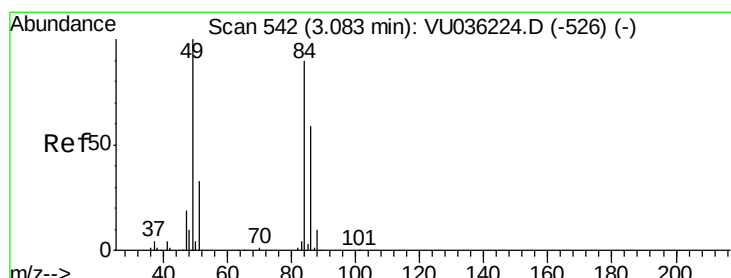
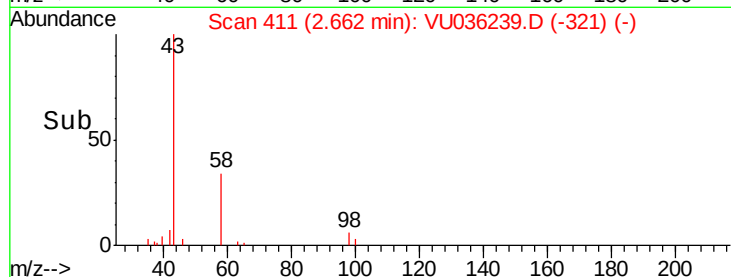
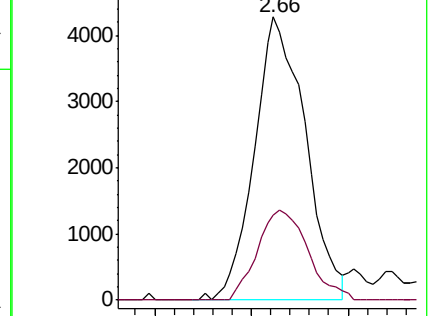
43 100

58 31.6 0.0 67.6



Abundance Ion 43.05 (42.75 to 43.75): VU036224.D (-400) (-)

Ion 58.05 (57.75 to 58.75): VU036224.D (-400) (-)



#16

Methylene chloride

Concen: 0.697 ug/L

RT: 3.08 min Scan# 542

Delta R.T. 0.00 min

Lab File: VU036239.D

Acq: 16 Dec 2019 17:19

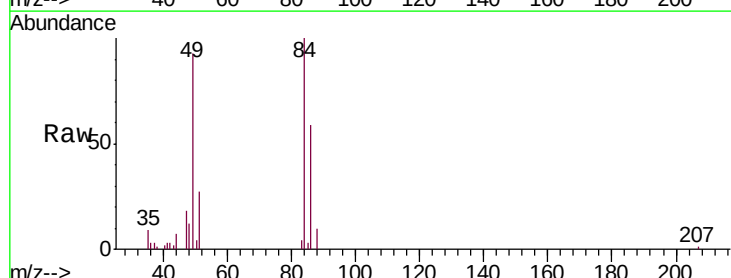
Tgt Ion: 84 Resp: 17657

Ion Ratio Lower Upper

84 100

86 59.2 43.0 79.8

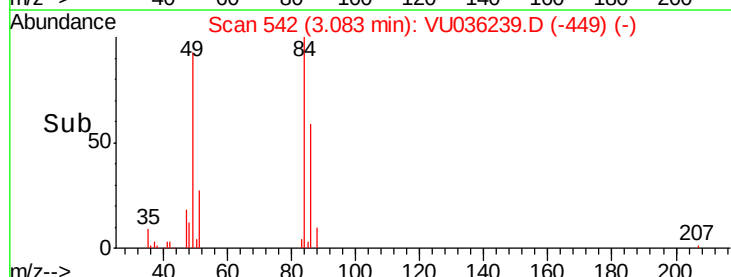
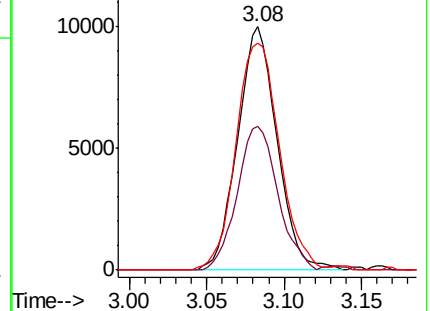
49 93.4 77.3 143.5

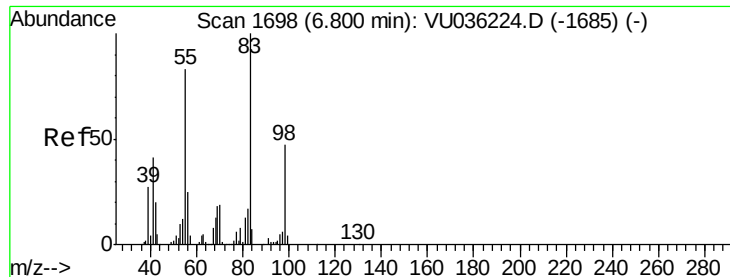


Abundance Ion 84.05 (83.75 to 84.75): VU036224.D (-526) (-)

Ion 86.00 (85.70 to 86.70): VU036224.D (-526) (-)

Ion 49.10 (48.80 to 49.80): VU036224.D (-526) (-)

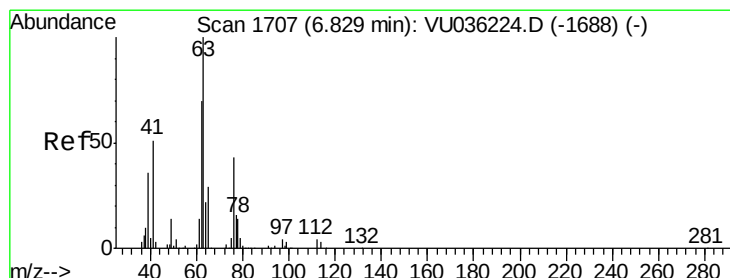
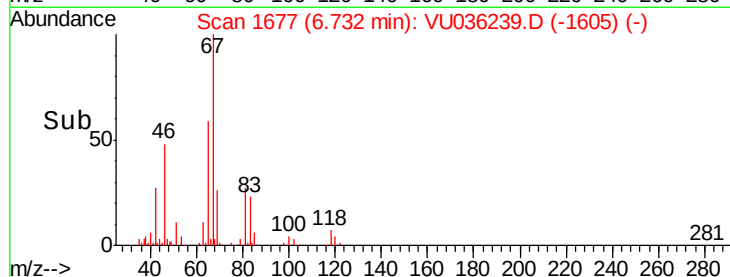
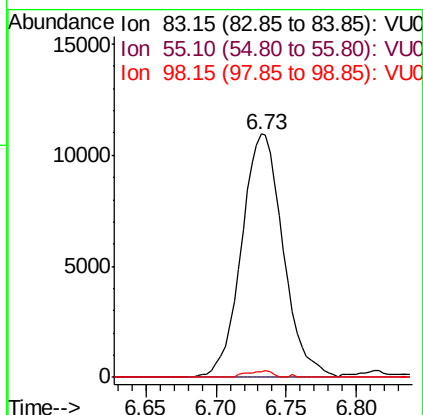
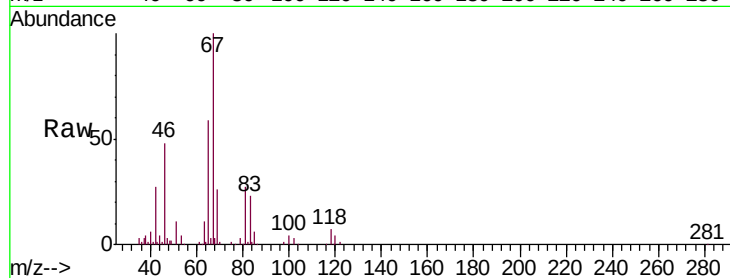




#35
Methylcyclohexane
Concen: 0.757 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.07 min
Lab File: VU036239.D
Acq: 16 Dec 2019 17:19

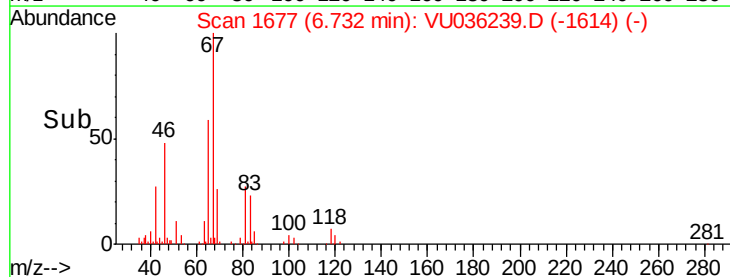
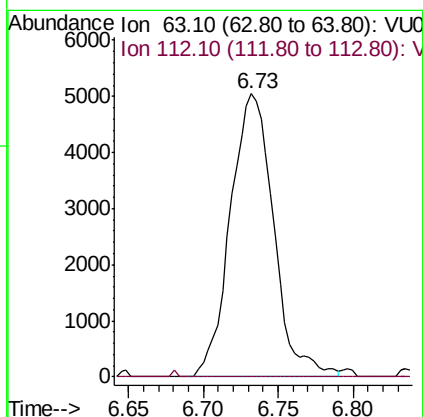
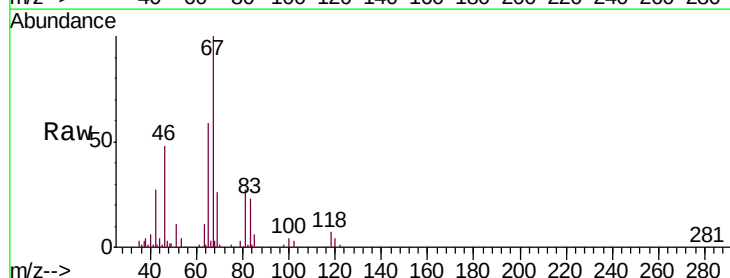
Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

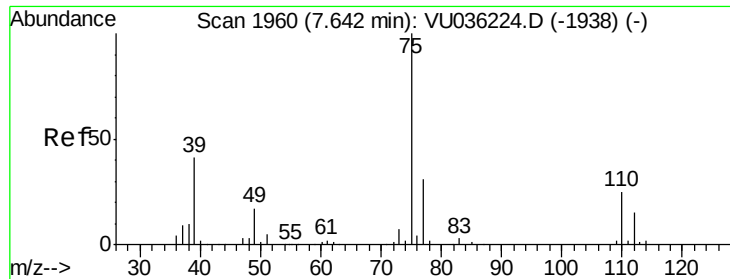
Tgt Ion: 83 Resp: 22623
Ion Ratio Lower Upper
83 100
55 0.0 62.6 94.0#
98 1.6 36.2 54.2#



#37
1,2-Dichloropropane
Concen: 0.489 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.10 min
Lab File: VU036239.D
Acq: 16 Dec 2019 17:19

Tgt Ion: 63 Resp: 10167
Ion Ratio Lower Upper
63 100
112 0.2 3.8 5.8#

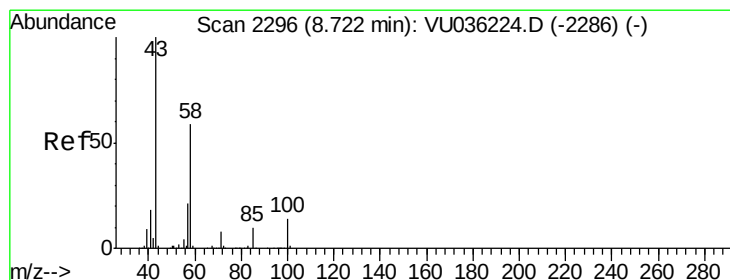
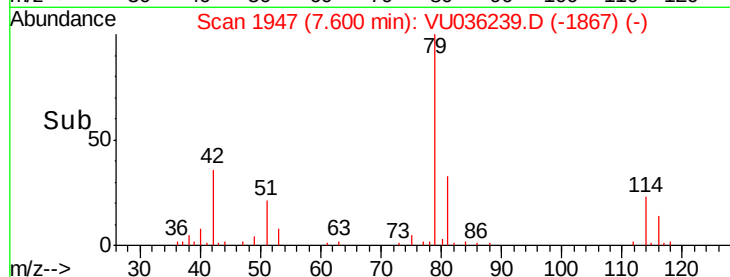
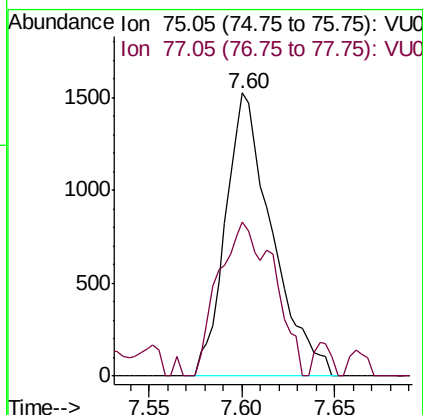
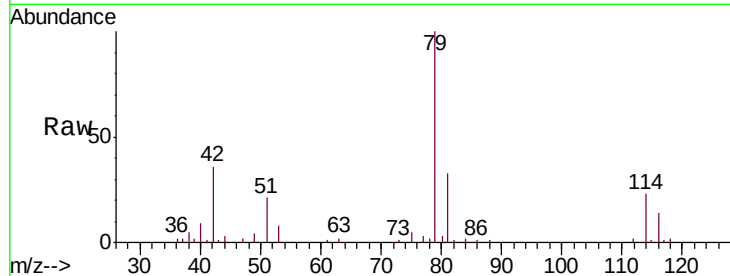




#39
 cis-1,3-Dichloropropene
 Concen: 0.093 ug/L
 RT: 7.60 min Scan# 1947
 Delta R.T. -0.04 min
 Lab File: VU036239.D
 Acq: 16 Dec 2019 17:19

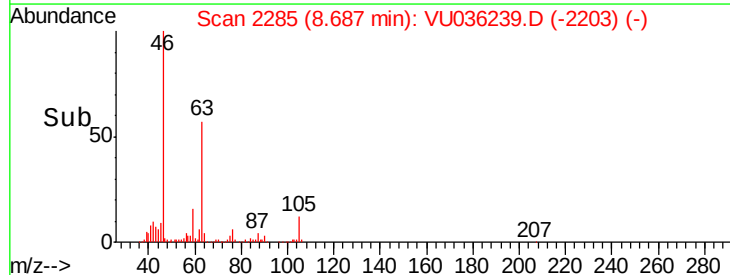
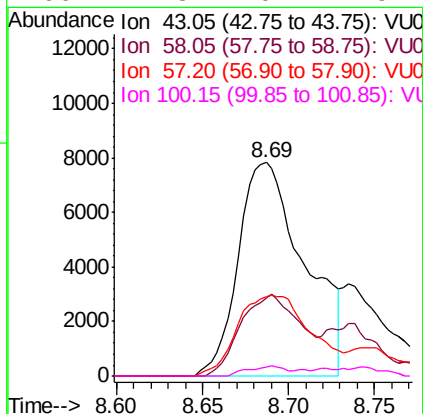
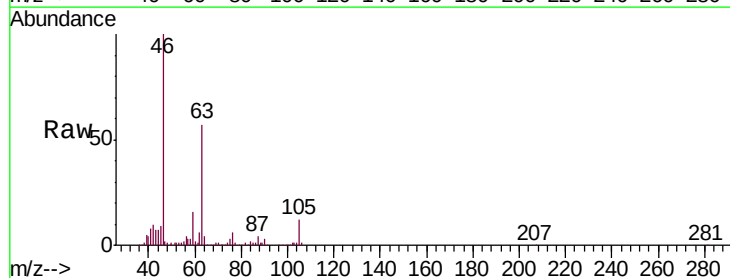
Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

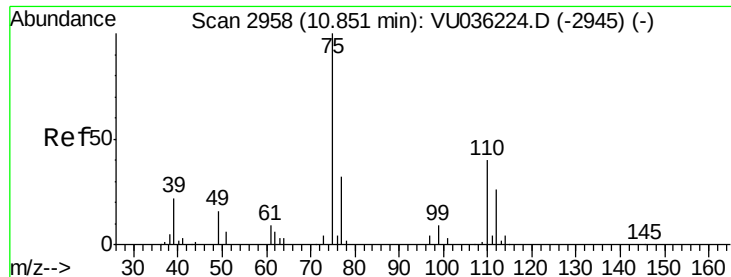
Tgt Ion: 75 Resp: 2650
 Ion Ratio Lower Upper
 75 100
 77 54.5 22.7 42.1#



#48
 2-Hexanone
 Concen: 2.592 ug/L
 RT: 8.69 min Scan# 2285
 Delta R.T. -0.04 min
 Lab File: VU036239.D
 Acq: 16 Dec 2019 17:19

Tgt Ion: 43 Resp: 21056
 Ion Ratio Lower Upper
 43 100
 58 34.1 46.2 69.2#
 57 41.9 16.2 24.4#
 100 2.8 10.2 15.4#





#59

1,2,3-Trichloropropane

Concen: 0.666 ug/L

RT: 11.84 min Scan# 3265

Delta R.T. 0.99 min

Lab File: VU036239.D

Acq: 16 Dec 2019 17:19

Instrument :

MSVOA_U

ClientSampleId :

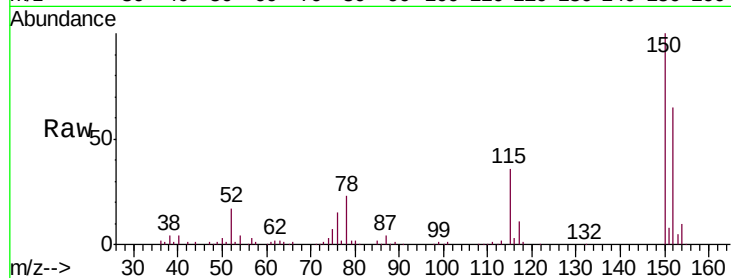
VHBLK01

Tgt Ion: 75 Resp: 9204

Ion Ratio Lower Upper

75 100

77 32.4 27.2 40.8



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

