

Data File : VU036046.D
Acq On : 09 Dec 2019 14:36
Operator : JC/MD
Sample : VU1209WBL01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK23

Quant Time: Dec 10 01:50:23 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Dec 10 01:47:47 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	277904	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	298865	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	99543	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	111366	4.50	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.00%
7) Chloroethane-d5	1.93	69	115552	4.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.80%
11) 1,1-Dichloroethene-d2	2.59	63	160392	3.54	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.80%
20) 2-Butanone-d5	4.70	46	209752	49.69	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.38%
24) Chloroform-d	5.11	84	181150	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.00%
26) 1,2-Dichloroethane-d4	5.75	65	94698	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.00%
32) Benzene-d6	5.77	84	366982	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.00%
36) 1,2-Dichloropropane-d6	6.73	67	111964	4.91	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.20%
41) Toluene-d8	7.93	98	305634	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.60%
43) trans-1,3-Dichloropropene-	8.22	79	42377	4.46	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.20%
46) 2-Hexanone-d5	8.68	63	161784	47.02	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.04%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	92702	4.42	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.40%
64) 1,2-Dichlorobenzene-d4	12.22	152	101347	5.29	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.80%

Target Compounds

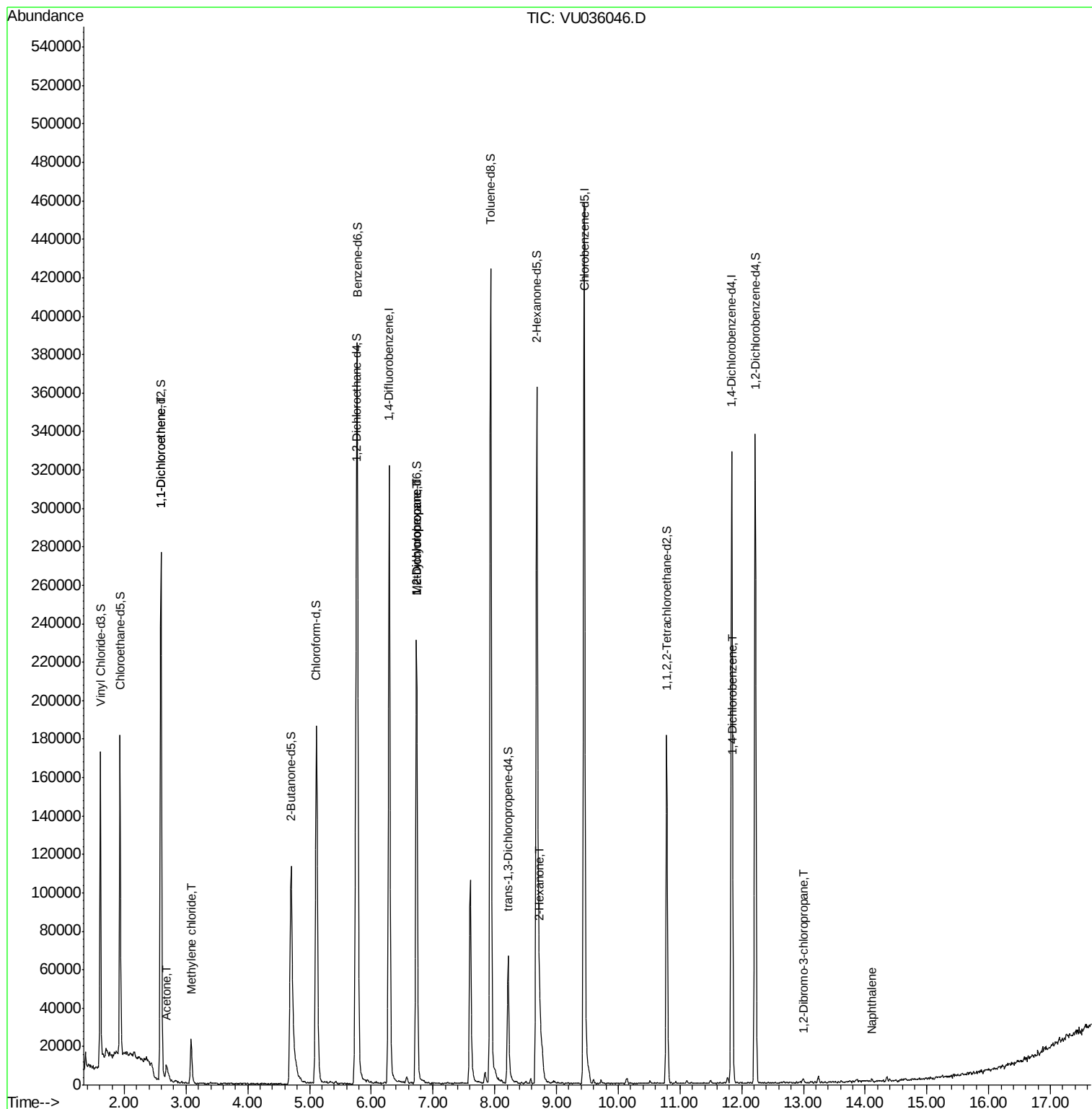
					Qvalue
12) 1,1-Dichloroethene	2.59	96	1746	0.072 ug/L #	1
13) Acetone	2.68	43	11790	2.200 ug/L	98
16) Methylene chloride	3.08	84	11578	0.412 ug/L	92
35) Methylcyclohexane	6.74	83	26887	0.924 ug/L #	19
37) 1,2-Dichloropropane	6.73	63	12060	0.589 ug/L #	85
48) 2-Hexanone	8.73	43	11038	1.438 ug/L #	69
63) 1,4-Dichlorobenzene	11.86	146	2383	0.074 ug/L	90
66) 1,2-Dibromo-3-chloropropan	12.99	75	397	0.196 ug/L #	1
69) Naphthalene	14.10	128	1315	0.117 ug/L #	76

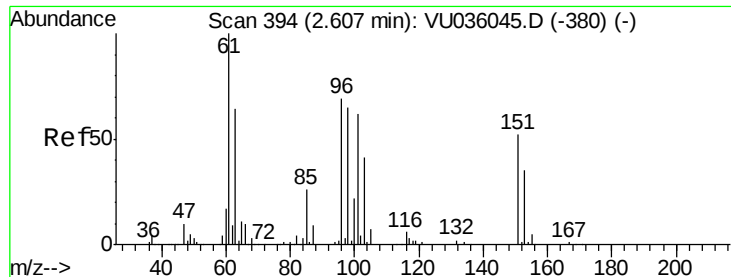
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.072 ug/L

RT: 2.59 min Scan# 389

Delta R.T. -0.02 min

Lab File: VU036046.D

Acq: 09 Dec 2019 14:36

Instrument :

MSVOA_U

ClientSampleId :

VBLK23

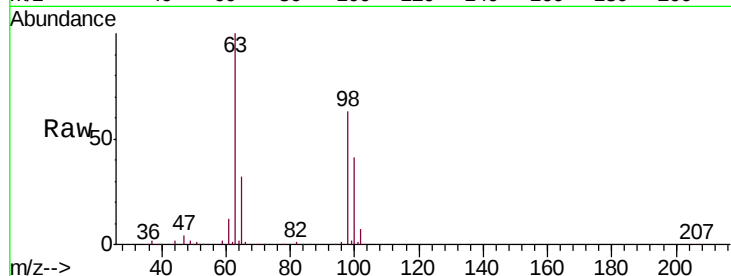
Tgt Ion: 96 Resp: 1746

Ion Ratio Lower Upper

96 100

61 1258.6 104.3 193.7#

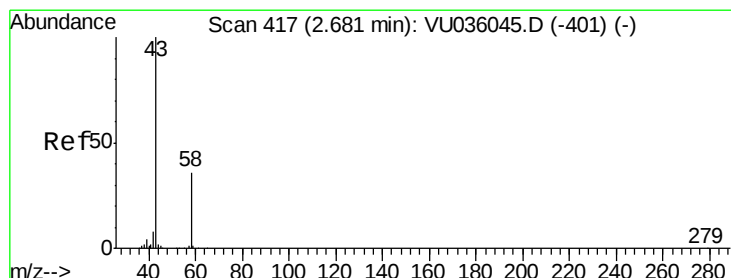
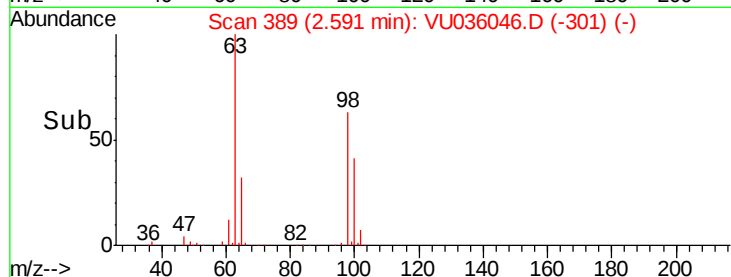
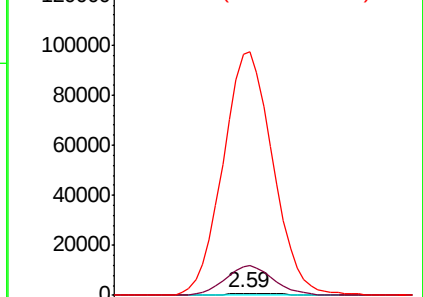
63 10706.7 65.6 121.8#



Abundance Ion 96.00 (95.70 to 96.70): VU036046.D (-389) (-)

Ion 61.05 (60.75 to 61.75): VU036046.D (-389) (-)

Ion 63.00 (62.70 to 63.70): VU036046.D (-389) (-)



#13

Acetone

Concen: 2.200 ug/L

RT: 2.68 min Scan# 417

Delta R.T. 0.00 min

Lab File: VU036046.D

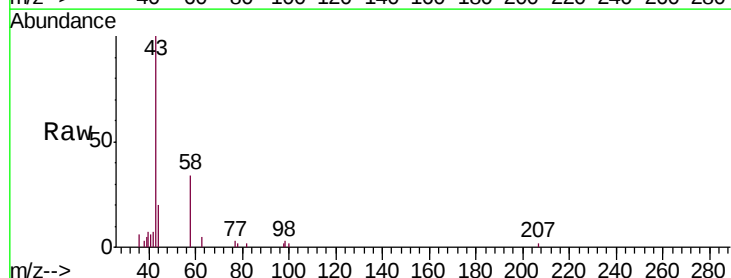
Acq: 09 Dec 2019 14:36

Tgt Ion: 43 Resp: 11790

Ion Ratio Lower Upper

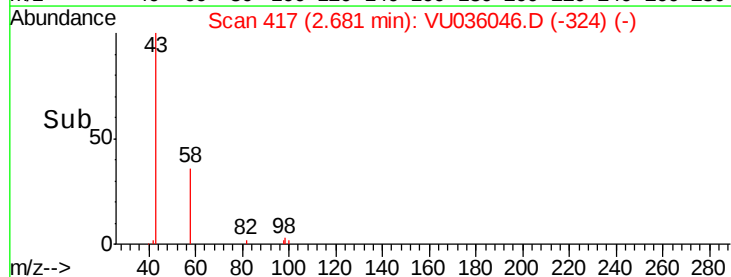
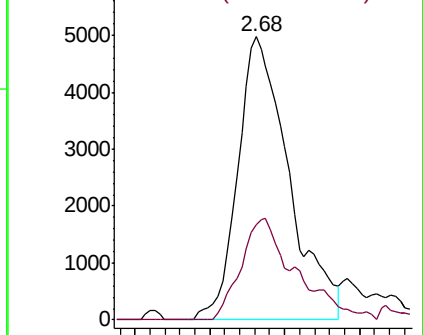
43 100

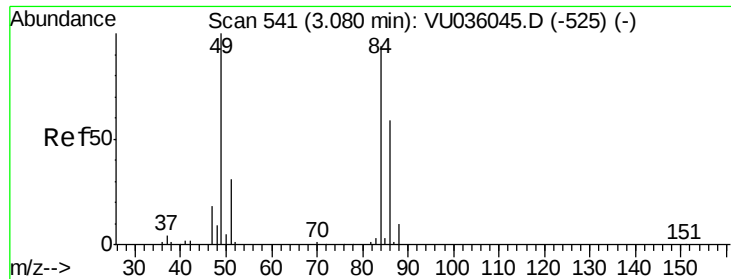
58 38.5 0.0 74.2



Abundance Ion 43.05 (42.75 to 43.75): VU036046.D (-417) (-)

Ion 58.05 (57.75 to 58.75): VU036046.D (-417) (-)

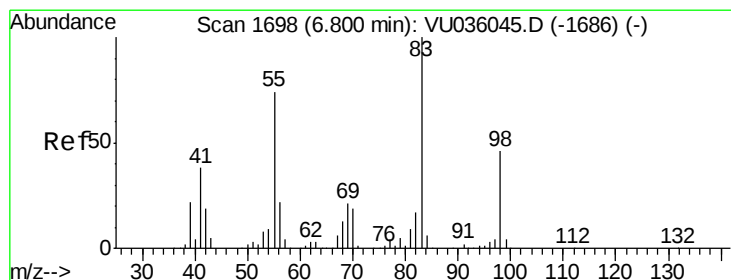
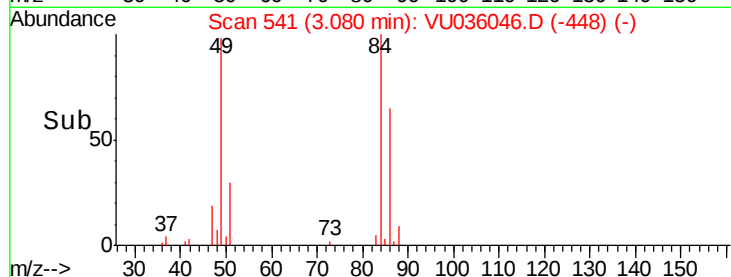
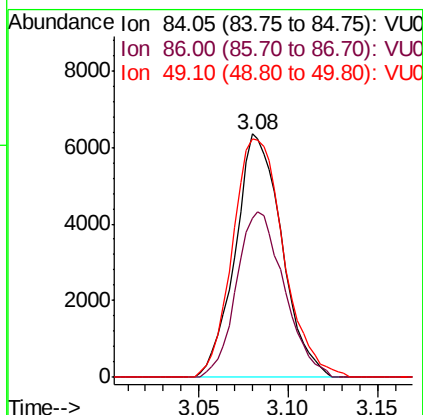
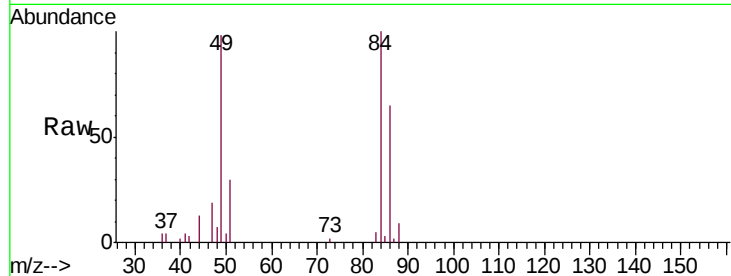




#16
Methylene chloride
Concen: 0.412 ug/L
RT: 3.08 min Scan# 541
Delta R.T. 0.00 min
Lab File: VU036046.D
Acq: 09 Dec 2019 14:36

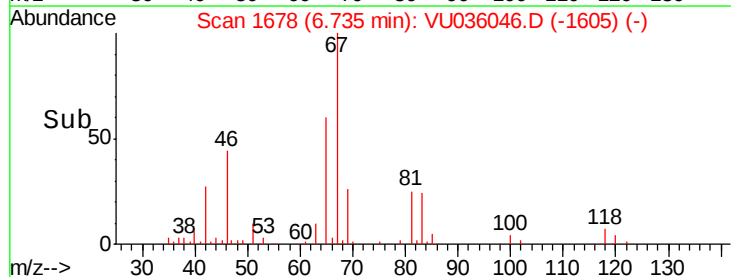
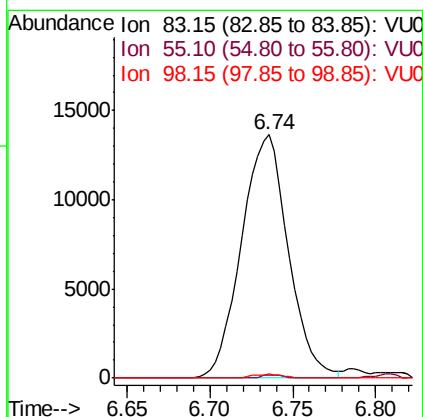
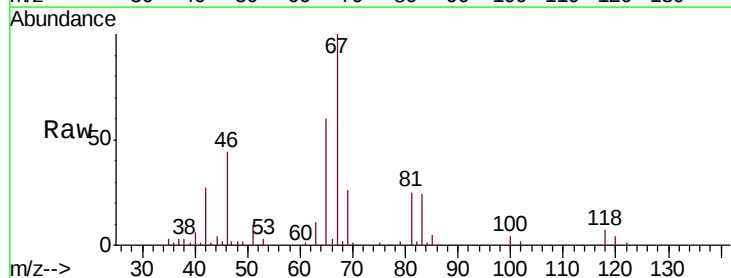
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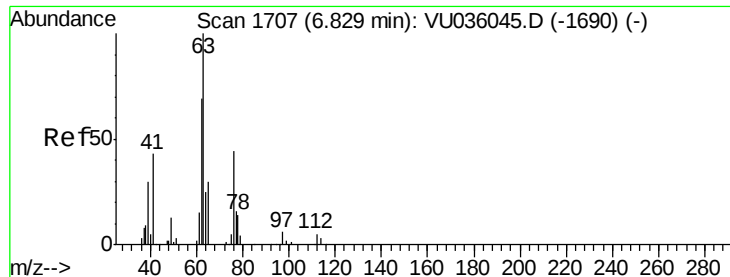
Tgt Ion: 84 Resp: 11578
Ion Ratio Lower Upper
84 100
86 65.4 47.5 88.3
49 97.9 76.9 142.9



#35
Methylcyclohexane
Concen: 0.924 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.06 min
Lab File: VU036046.D
Acq: 09 Dec 2019 14:36

Tgt Ion: 83 Resp: 26887
Ion Ratio Lower Upper
83 100
55 0.6 62.1 93.1#
98 1.0 37.0 55.4#

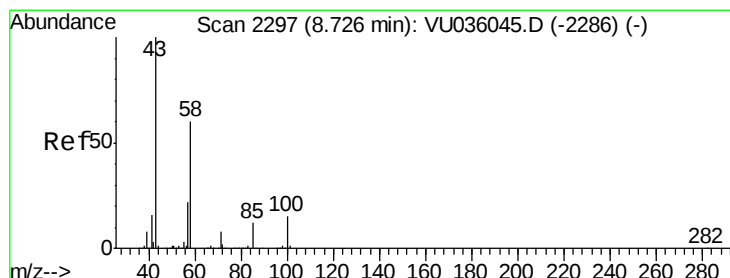
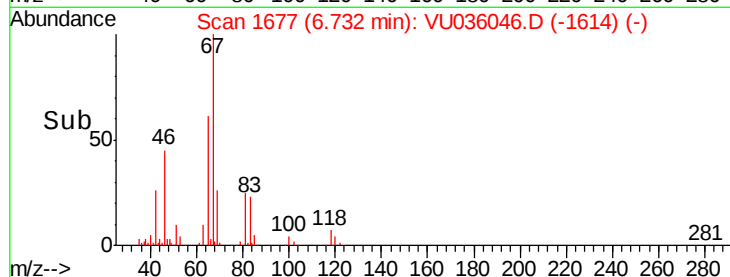
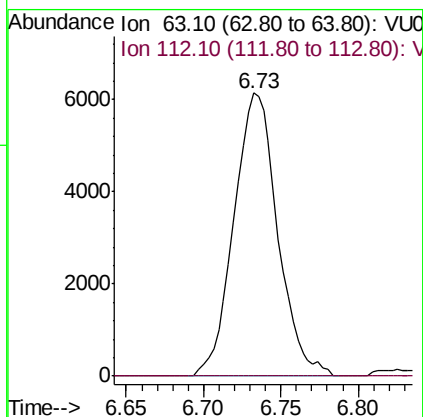
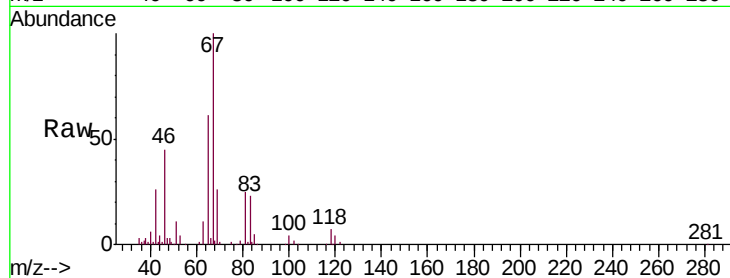




#37
 1,2-Dichloropropane
 Concen: 0.589 ug/L
 RT: 6.73 min Scan# 1677
 Delta R.T. -0.10 min
 Lab File: VU036046.D
 Acq: 09 Dec 2019 14:36

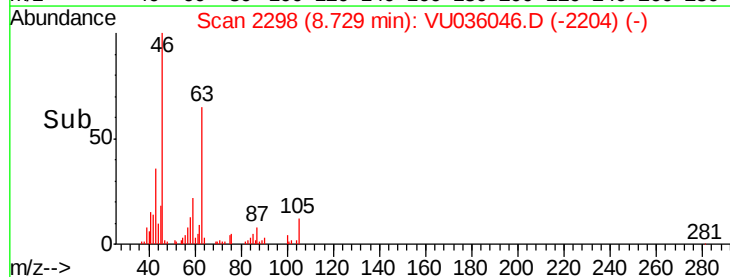
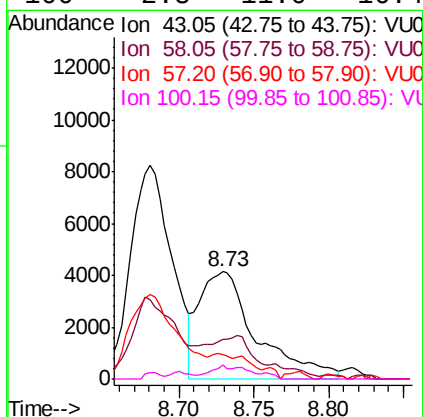
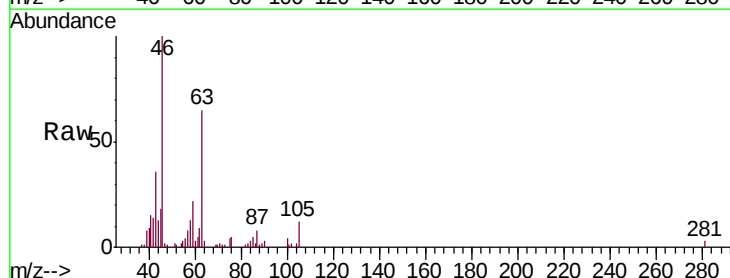
Instrument :
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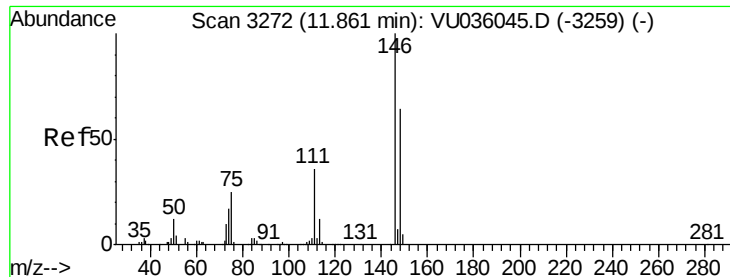
Tgt Ion: 63 Resp: 12060
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.8 5.8#



#48
 2-Hexanone
 Concen: 1.438 ug/L
 RT: 8.73 min Scan# 2298
 Delta R.T. 0.00 min
 Lab File: VU036046.D
 Acq: 09 Dec 2019 14:36

Tgt Ion: 43 Resp: 11038
 Ion Ratio Lower Upper
 43 100
 58 30.2 46.9 70.3#
 57 14.7 16.4 24.6#
 100 2.8 11.0 16.4#

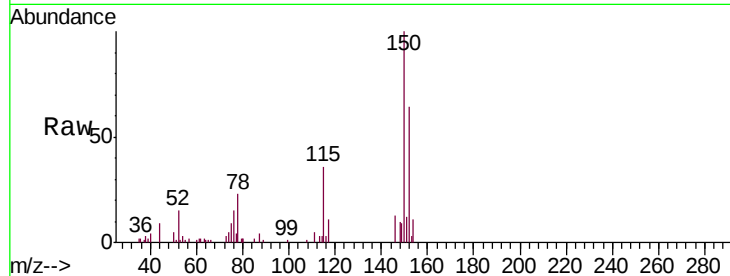




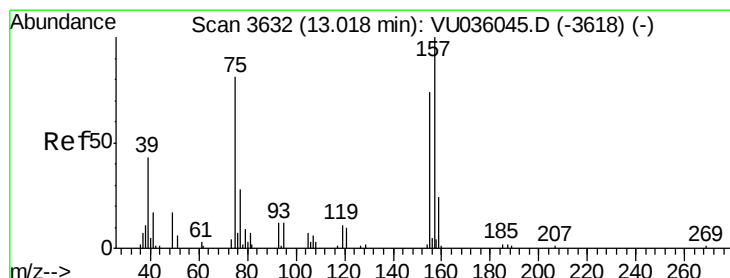
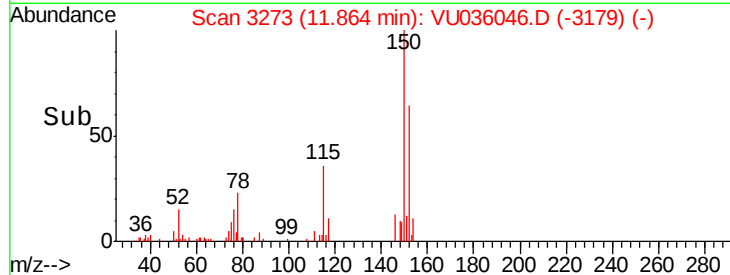
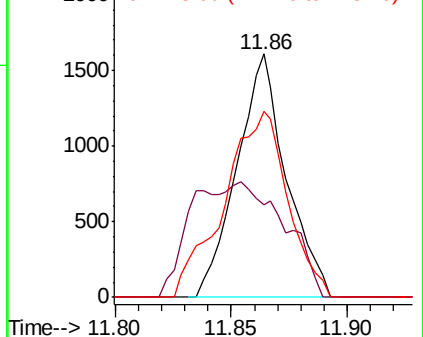
#63
 1,4-Dichlorobenzene
 Concen: 0.074 ug/L
 RT: 11.86 min Scan# 3273
 Delta R.T. 0.00 min
 Lab File: VU036046.D
 Acq: 09 Dec 2019 14:36

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK23

Tgt Ion: 146 Resp: 2383
 Ion Ratio Lower Upper
 146 100
 111 38.3 26.2 48.6
 148 76.3 44.9 83.5

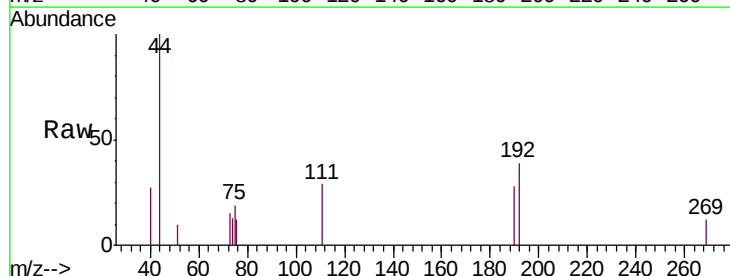


Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

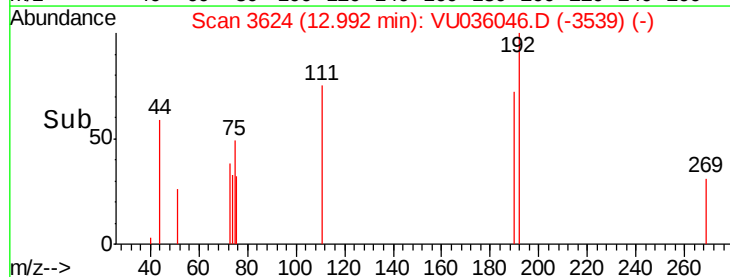
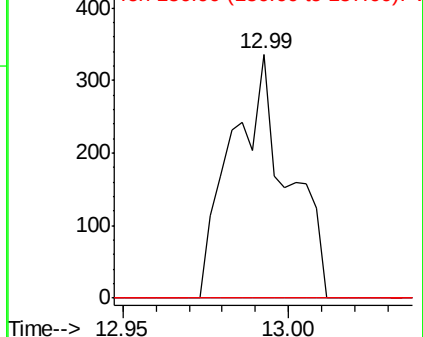


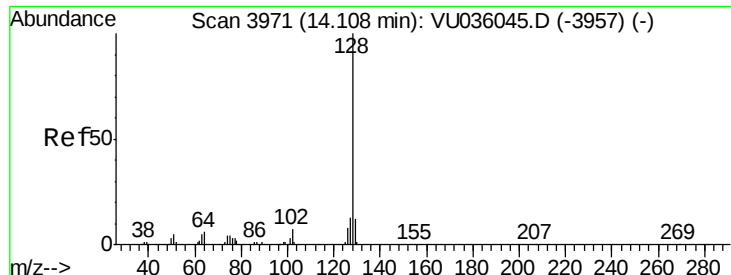
#66
 1,2-Dibromo-3-chloropropane
 Concen: 0.196 ug/L
 RT: 12.99 min Scan# 3624
 Delta R.T. -0.03 min
 Lab File: VU036046.D
 Acq: 09 Dec 2019 14:36

Tgt Ion: 75 Resp: 397
 Ion Ratio Lower Upper
 75 100
 155 0.0 70.0 105.0#
 157 0.0 90.5 135.7#



Abundance Ion 75.05 (74.75 to 75.75): VU0
 Ion 154.95 (154.65 to 155.65): V
 Ion 156.90 (156.60 to 157.60): V





#69

Naphthalene

Concen: 0.117 ug/L

RT: 14.10 min Scan# 3970

Delta R.T. -0.00 min

Lab File: VU036046.D

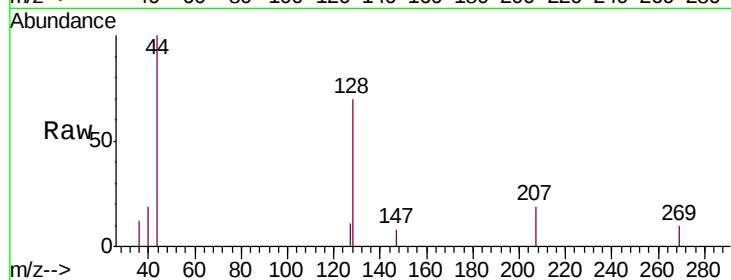
Acq: 09 Dec 2019 14:36

Instrument :

MSVOA_U

ClientSampleId :

VBLK23



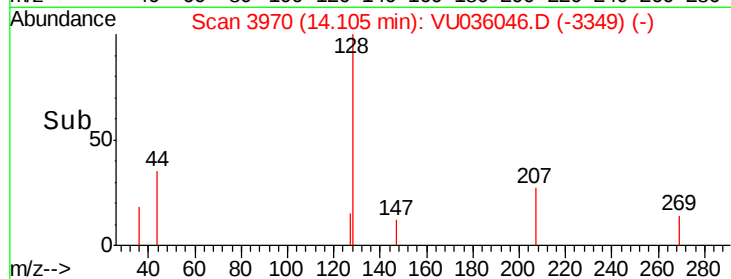
Tgt Ion:128 Resp: 1315

Ion Ratio Lower Upper

128 100

129 0.0 9.2 13.8#

127 5.9 11.1 16.7#



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

