

Data File : VU036290.D
Acq On : 19 Dec 2019 18:10
Operator : JC/MD
Sample : K6282-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFDW5

Quant Time: Dec 20 03:18:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Dec 20 03:13:48 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	253267	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	283272	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	142631	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	111392	4.99	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.80%
7) Chloroethane-d5	1.93	69	97517	4.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.60%
11) 1,1-Dichloroethene-d2	2.59	63	112042	3.48	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.60%
20) 2-Butanone-d5	4.70	46	190451	45.58	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.16%
24) Chloroform-d	5.11	84	158782	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.60%
26) 1,2-Dichloroethane-d4	5.75	65	85695	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.00%
32) Benzene-d6	5.77	84	297274	4.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.60%
36) 1,2-Dichloropropane-d6	6.73	67	93036	4.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.00%
41) Toluene-d8	7.93	98	238993	3.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.40%
43) trans-1,3-Dichloropropene-	8.21	79	35956	3.90	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.00%
46) 2-Hexanone-d5	8.67	63	156749	44.41	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.82%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	86357	4.21	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.20%
64) 1,2-Dichlorobenzene-d4	12.21	152	113231	4.15	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	83.00%

Target Compounds

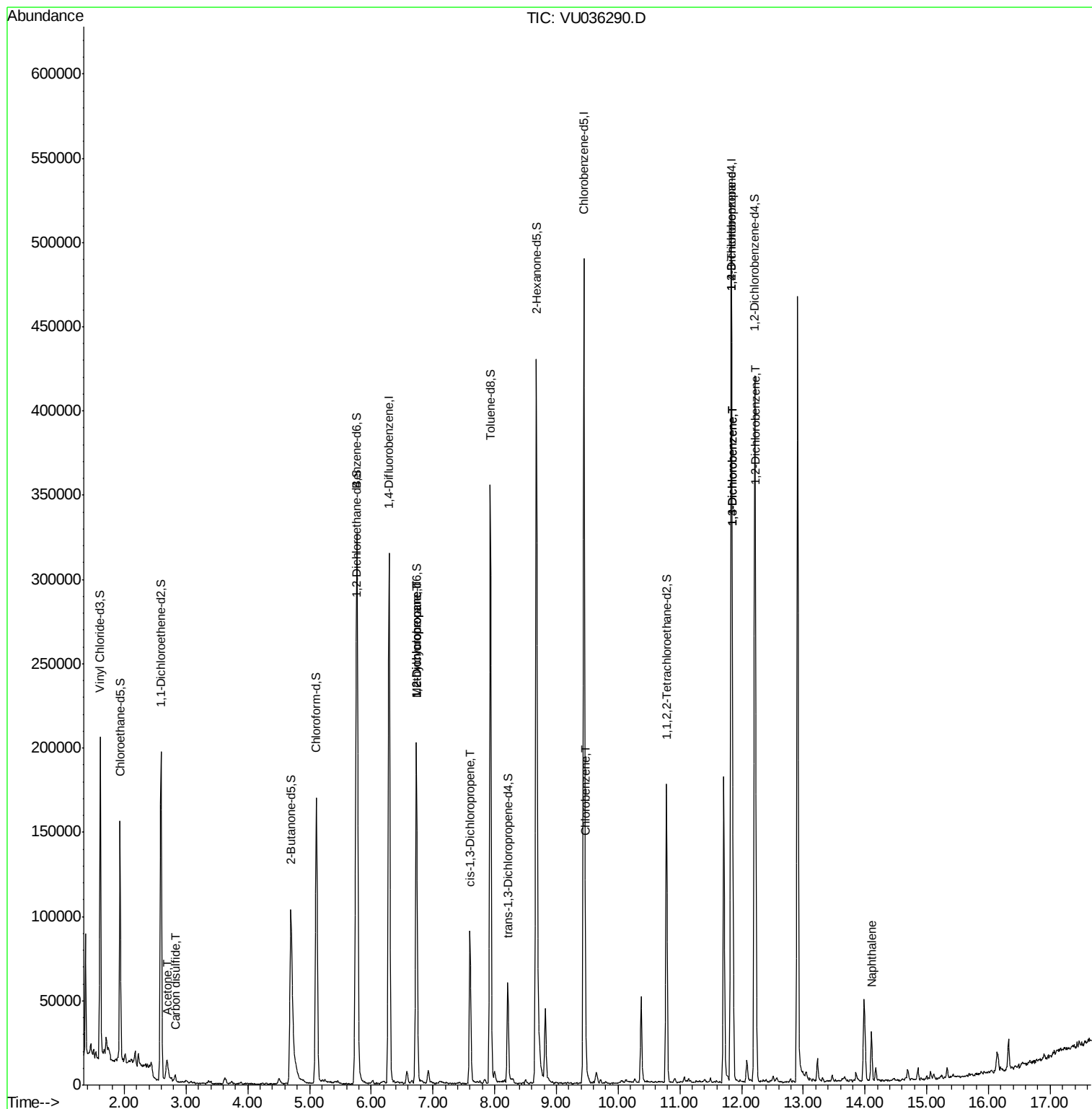
					Qvalue
13) Acetone	2.69	43	23850	6.550 ug/L	95
14) Carbon disulfide	2.82	76	5704	0.090 ug/L #	91
35) Methylcyclohexane	6.73	83	22730	0.712 ug/L #	19
37) 1,2-Dichloropropane	6.73	63	10342	0.466 ug/L #	87
39) cis-1,3-Dichloropropene	7.60	75	2439	0.081 ug/L #	40
51) Chlorobenzene	9.47	112	10188	0.165 ug/L	92
59) 1,2,3-Trichloropropane	11.83	75	15444	1.046 ug/L	89
62) 1,3-Dichlorobenzene	11.86	146	49294	1.024 ug/L	97
63) 1,4-Dichlorobenzene	11.86	146	49294	1.033 ug/L	97
65) 1,2-Dichlorobenzene	12.23	146	33459	0.730 ug/L	98
69) Naphthalene	14.10	128	22704	0.753 ug/L	98

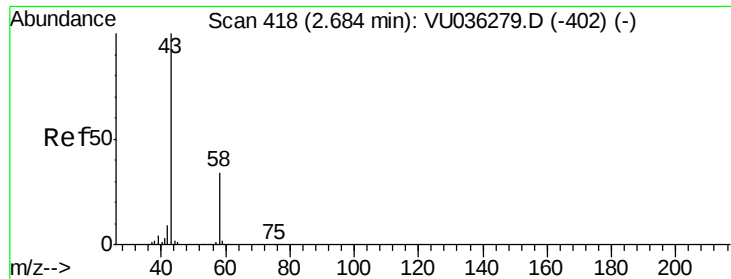
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 6.550 ug/L

RT: 2.69 min Scan# 419

Delta R.T. 0.00 min

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Acq: 19 Dec 2019 18:10

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MSVOA_U

ClientSampleId :

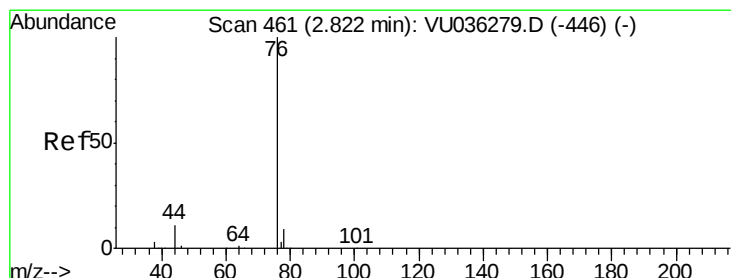
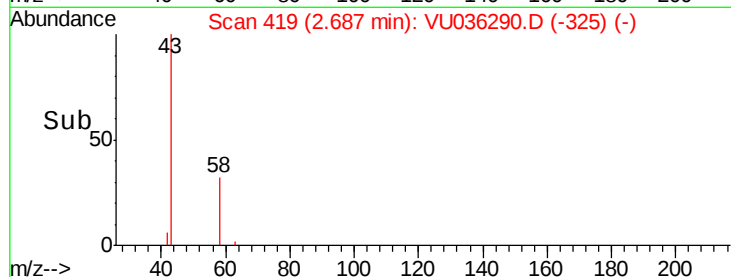
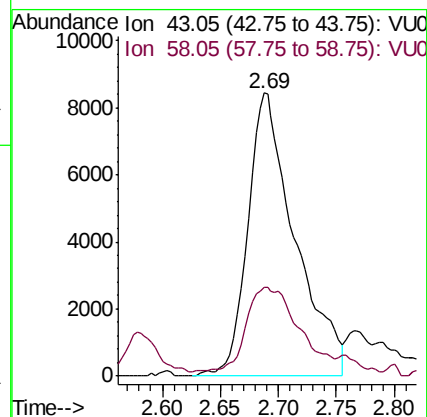
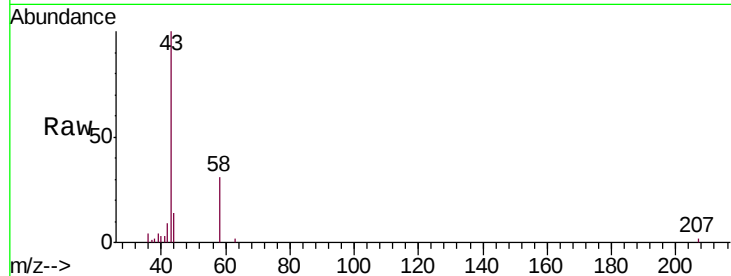
BFDW5

Tgt Ion: 43 Resp: 23850

Ion Ratio Lower Upper

43 100

58 36.7 0.0 67.6



#14

Carbon disulfide

Concen: 0.090 ug/L

RT: 2.82 min Scan# 461

Delta R.T. -0.00 min

Lab File: VU036290.D

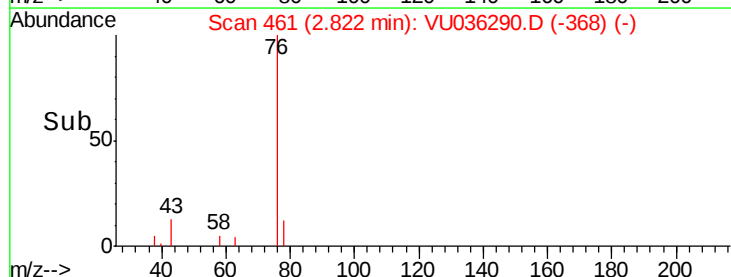
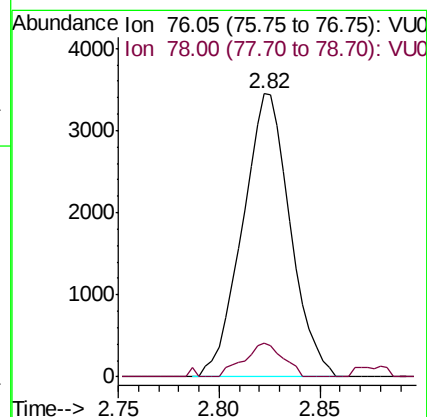
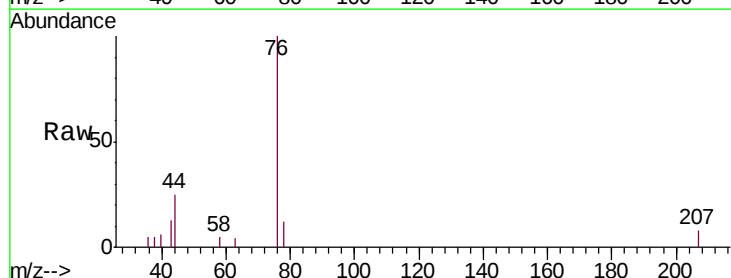
Acq: 19 Dec 2019 18:10

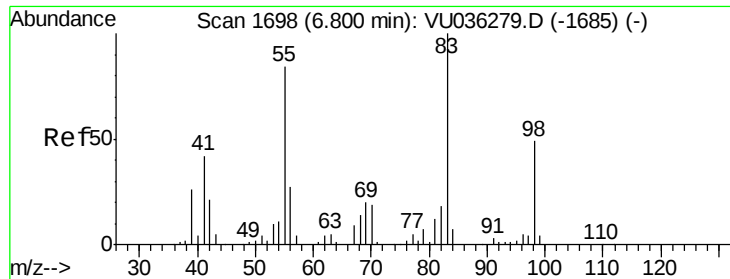
Tgt Ion: 76 Resp: 5704

Ion Ratio Lower Upper

76 100

78 12.1 7.1 10.7#





#35

Methylcyclohexane

Concen: 0.712 ug/L

RT: 6.73 min Scan# 1677

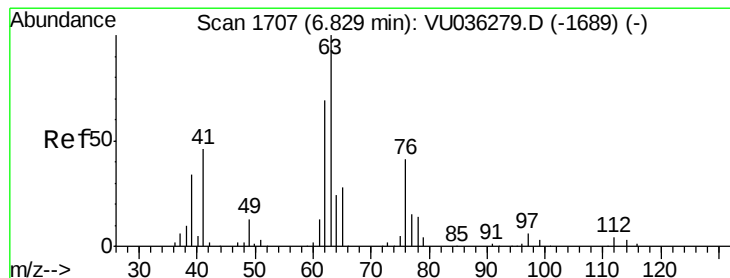
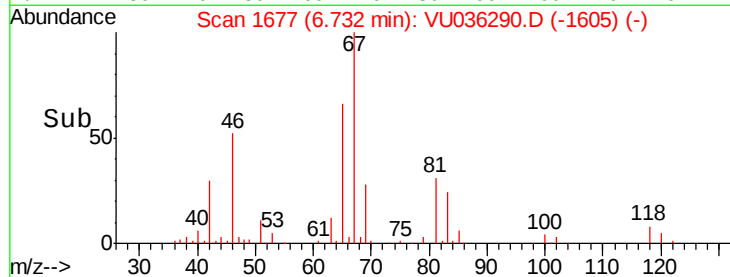
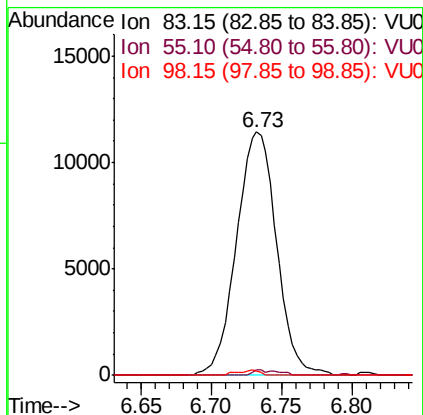
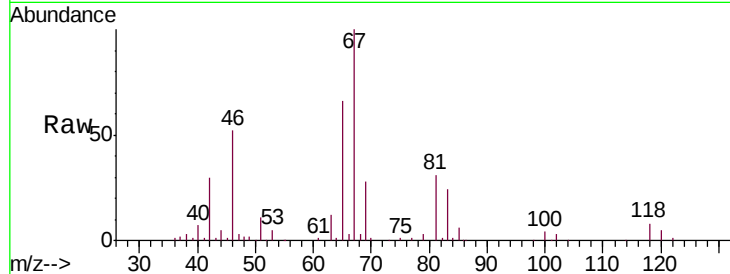
Delta R.T. -0.07 min

Lab File: VU036290.D

Acq: 19 Dec 2019 18:10

Instrument :
MSVOA_U
ClientSampleId :
BFDW5

Tgt Ion:	83	Resp:	22730
Ion	Ratio	Lower	Upper
83	100		
55	0.9	62.6	94.0#
98	1.2	36.2	54.2#



#37

1,2-Dichloropropane

Concen: 0.466 ug/L

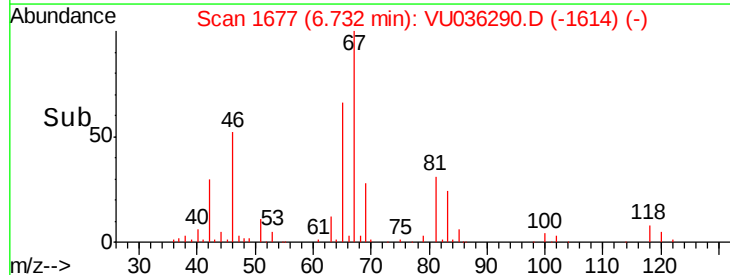
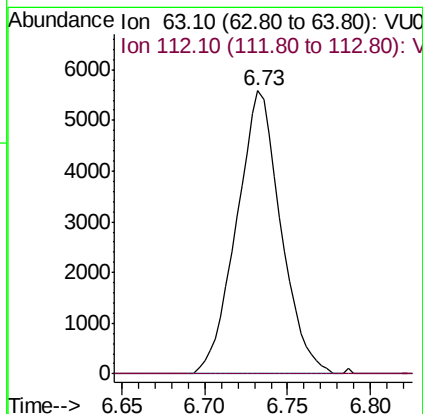
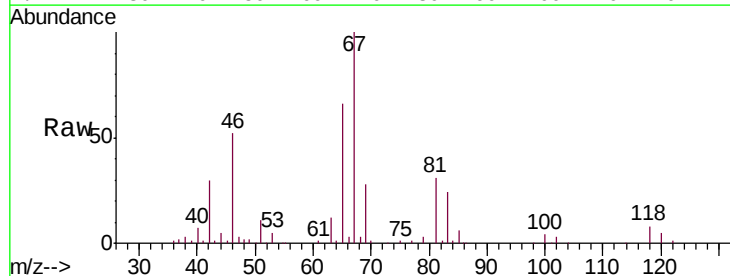
RT: 6.73 min Scan# 1677

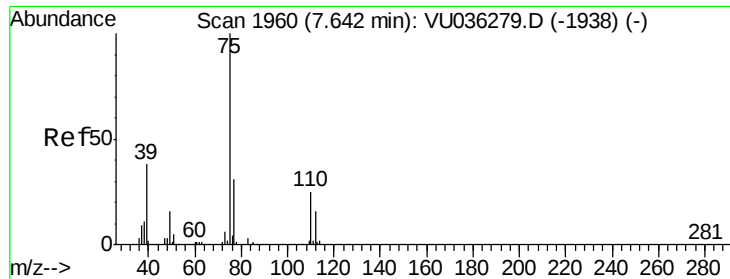
Delta R.T. -0.10 min

Lab File: VU036290.D

Acq: 19 Dec 2019 18:10

Tgt Ion:	63	Resp:	10342
Ion	Ratio	Lower	Upper
63	100		
112	0.6	3.8	5.8#

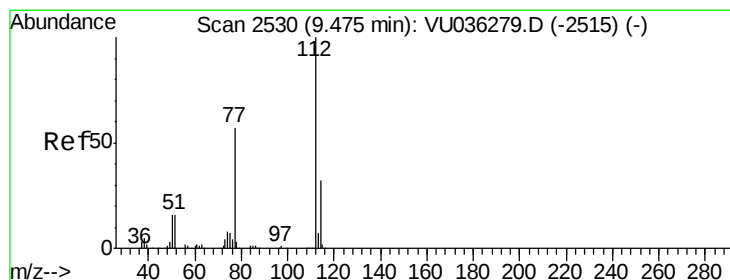
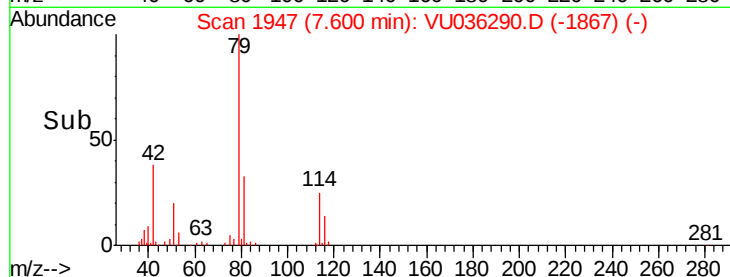
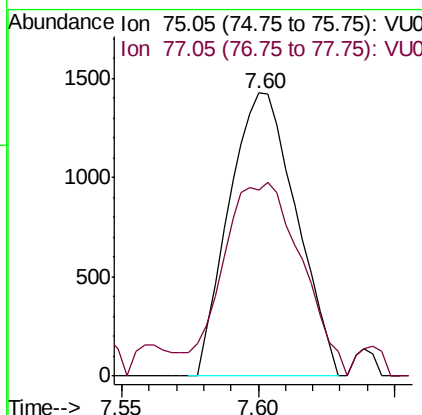
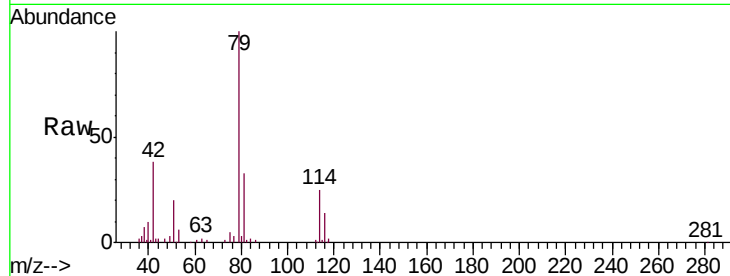




#39
 cis-1,3-Dichloropropene
 Concen: 0.081 ug/L
 RT: 7.60 min Scan# 1947
 Delta R.T. -0.04 min
 Lab File: VU036290.D
 Acq: 19 Dec 2019 18:10

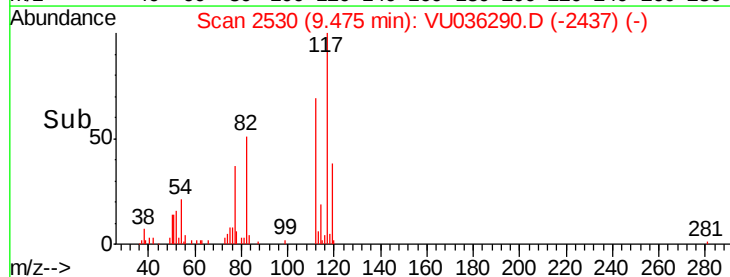
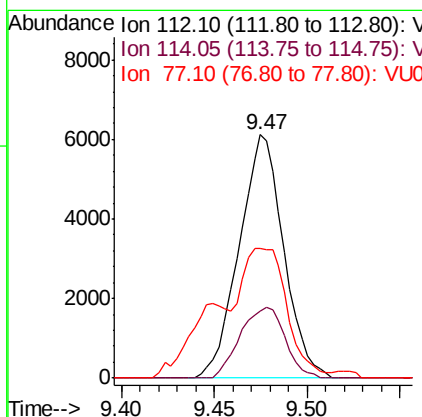
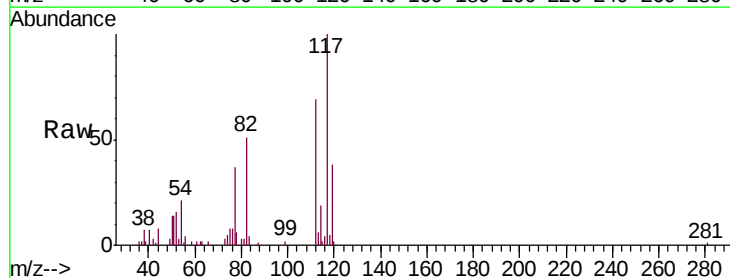
Instrument :
 MSVOA_U
 ClientSampleId :
 BFDW5

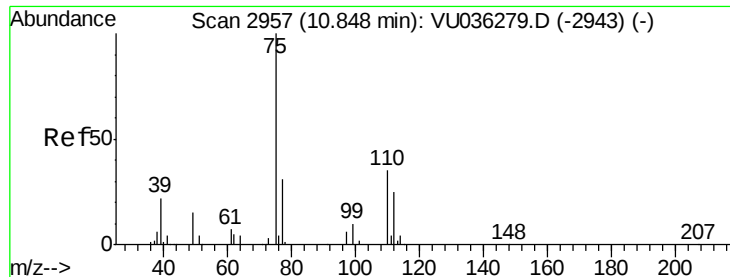
Tgt Ion: 75 Resp: 2439
 Ion Ratio Lower Upper
 75 100
 77 65.9 22.7 42.1#



#51
 Chlorobenzene
 Concen: 0.165 ug/L
 RT: 9.47 min Scan# 2530
 Delta R.T. -0.00 min
 Lab File: VU036290.D
 Acq: 19 Dec 2019 18:10

Tgt Ion: 112 Resp: 10188
 Ion Ratio Lower Upper
 112 100
 114 27.4 23.2 43.2
 77 53.3 46.5 69.7





#59

1,2,3-Trichloropropane

Concen: 1.046 ug/L

RT: 11.83 min Scan# 3264

Delta R.T. 0.99 min

Lab File: VU036290.D

Acq: 19 Dec 2019 18:10

Instrument :

MSVOA_U

ClientSampleId :

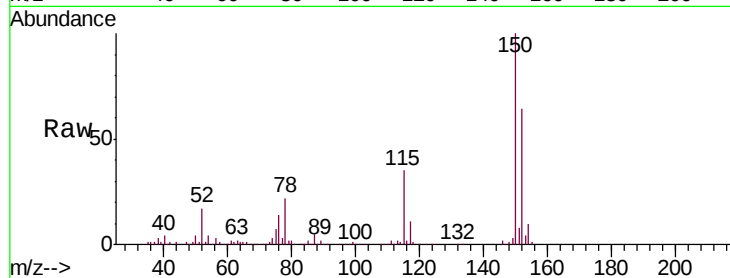
BFDW5

Tgt Ion: 75 Resp: 15444

Ion Ratio Lower Upper

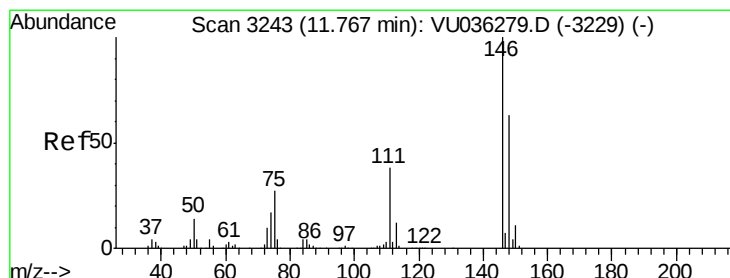
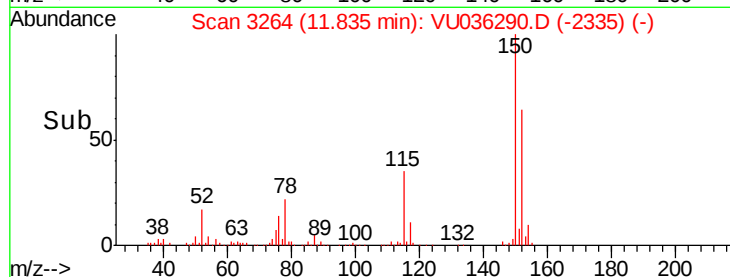
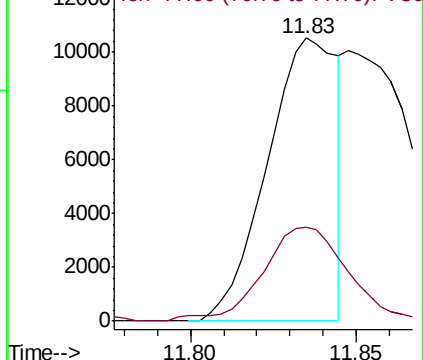
75 100

77 40.3 27.2 40.8



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0



#62

1,3-Dichlorobenzene

Concen: 1.024 ug/L

RT: 11.86 min Scan# 3271

Delta R.T. 0.09 min

Lab File: VU036290.D

Acq: 19 Dec 2019 18:10

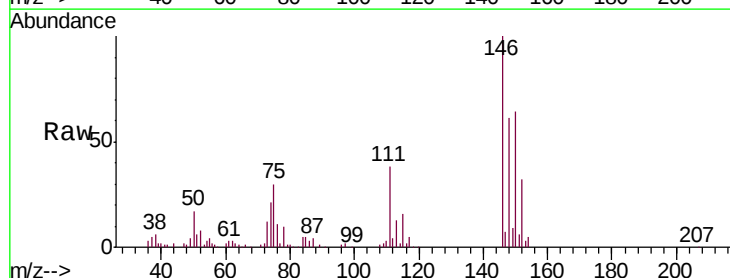
Tgt Ion: 146 Resp: 49294

Ion Ratio Lower Upper

146 100

111 38.1 26.3 48.9

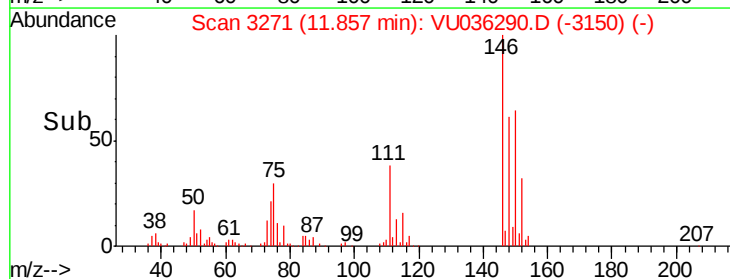
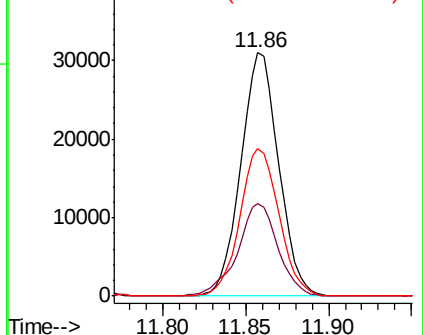
148 60.9 45.1 83.9

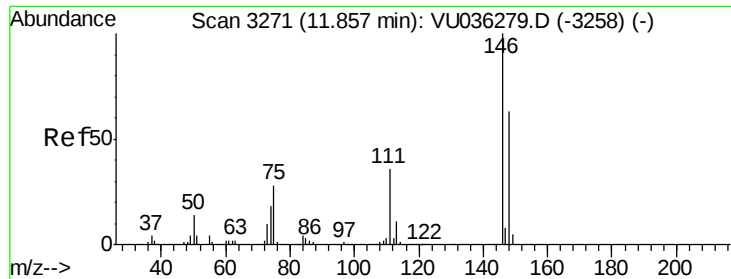


Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#63

1,4-Dichlorobenzene

Concen: 1.033 ug/L

RT: 11.86 min Scan# 3271

Delta R.T. -0.00 min

Lab File: VU036290.D

Acq: 19 Dec 2019 18:10

Instrument :

MSVOA_U

ClientSampleId :

BFDW5

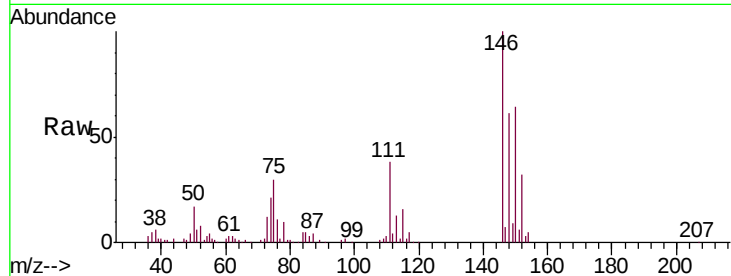
Tgt Ion:146 Resp: 49294

Ion Ratio Lower Upper

146 100

111 38.1 25.8 48.0

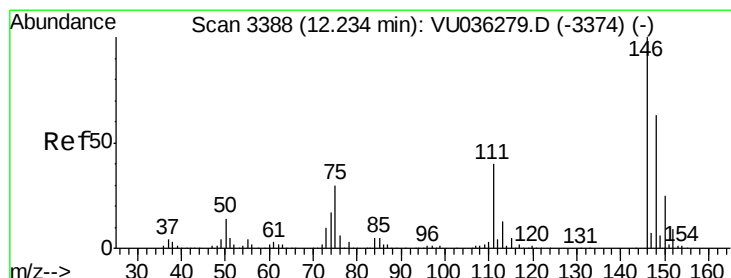
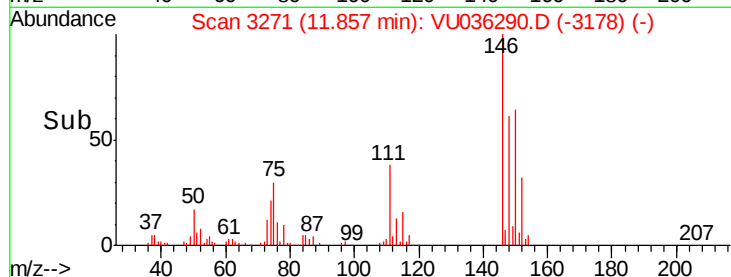
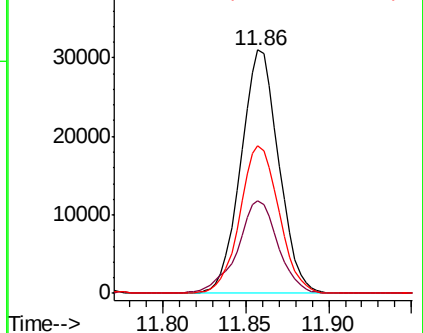
148 60.9 44.7 82.9



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



#65

1,2-Dichlorobenzene

Concen: 0.730 ug/L

RT: 12.23 min Scan# 3388

Delta R.T. -0.00 min

Lab File: VU036290.D

Acq: 19 Dec 2019 18:10

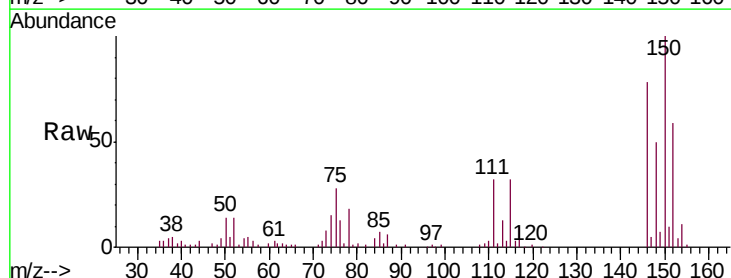
Tgt Ion:146 Resp: 33459

Ion Ratio Lower Upper

146 100

111 40.7 32.5 48.7

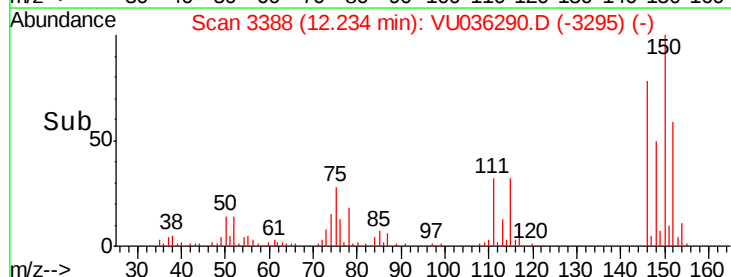
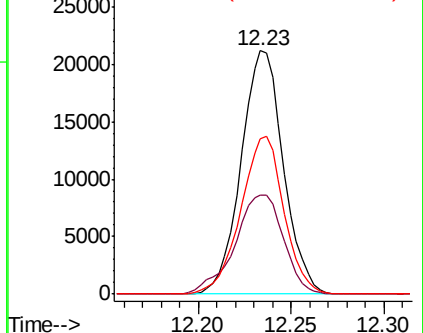
148 63.8 49.2 73.8

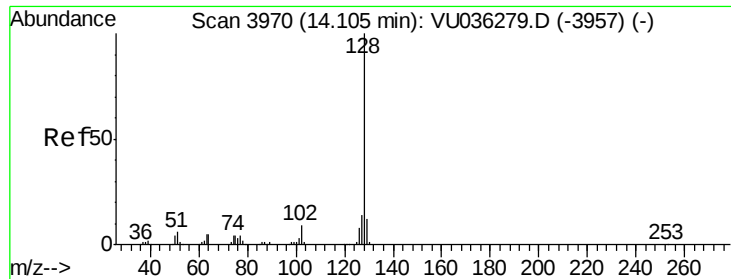


Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#69

Naphthalene

Concen: 0.753 ug/L

RT: 14.10 min Scan# 3970

Delta R.T. -0.00 min

Lab File: VU036290.D

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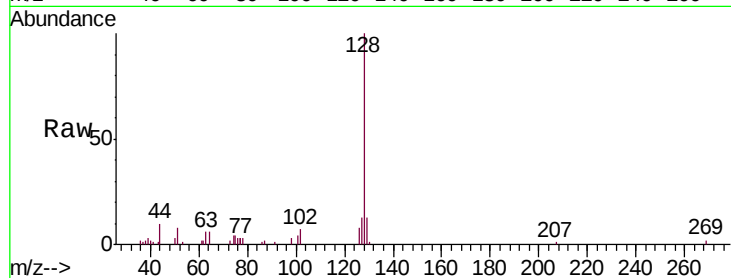
Tgt Ion:128 Resp: 22704

Ion Ratio Lower Upper

128 100

129 11.9 8.4 12.6

127 14.7 11.5 17.3



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

