

Data File : VU036291.D
Acq On : 19 Dec 2019 18:34
Operator : JC/MD
Sample : K6282-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFDW6

Quant Time: Dec 20 03:18:28 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	248609	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	272199	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	112710	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	113877	5.20	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.00%
7) Chloroethane-d5	1.94	69	103809	5.29	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.80%
11) 1,1-Dichloroethene-d2	2.59	63	117383	3.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.40%
20) 2-Butanone-d5	4.68	46	200739	48.94	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.88%
24) Chloroform-d	5.11	84	167228	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.00%
26) 1,2-Dichloroethane-d4	5.75	65	89330	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.60%
32) Benzene-d6	5.77	84	317829	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.00%
36) 1,2-Dichloropropane-d6	6.73	67	103069	4.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.60%
41) Toluene-d8	7.93	98	254988	3.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.20%
43) trans-1,3-Dichloropropene-	8.21	79	37701	4.25	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.00%
46) 2-Hexanone-d5	8.68	63	165009	48.65	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.30%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	91975	4.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.40%
64) 1,2-Dichlorobenzene-d4	12.22	152	104568	4.85	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.00%

Target Compounds

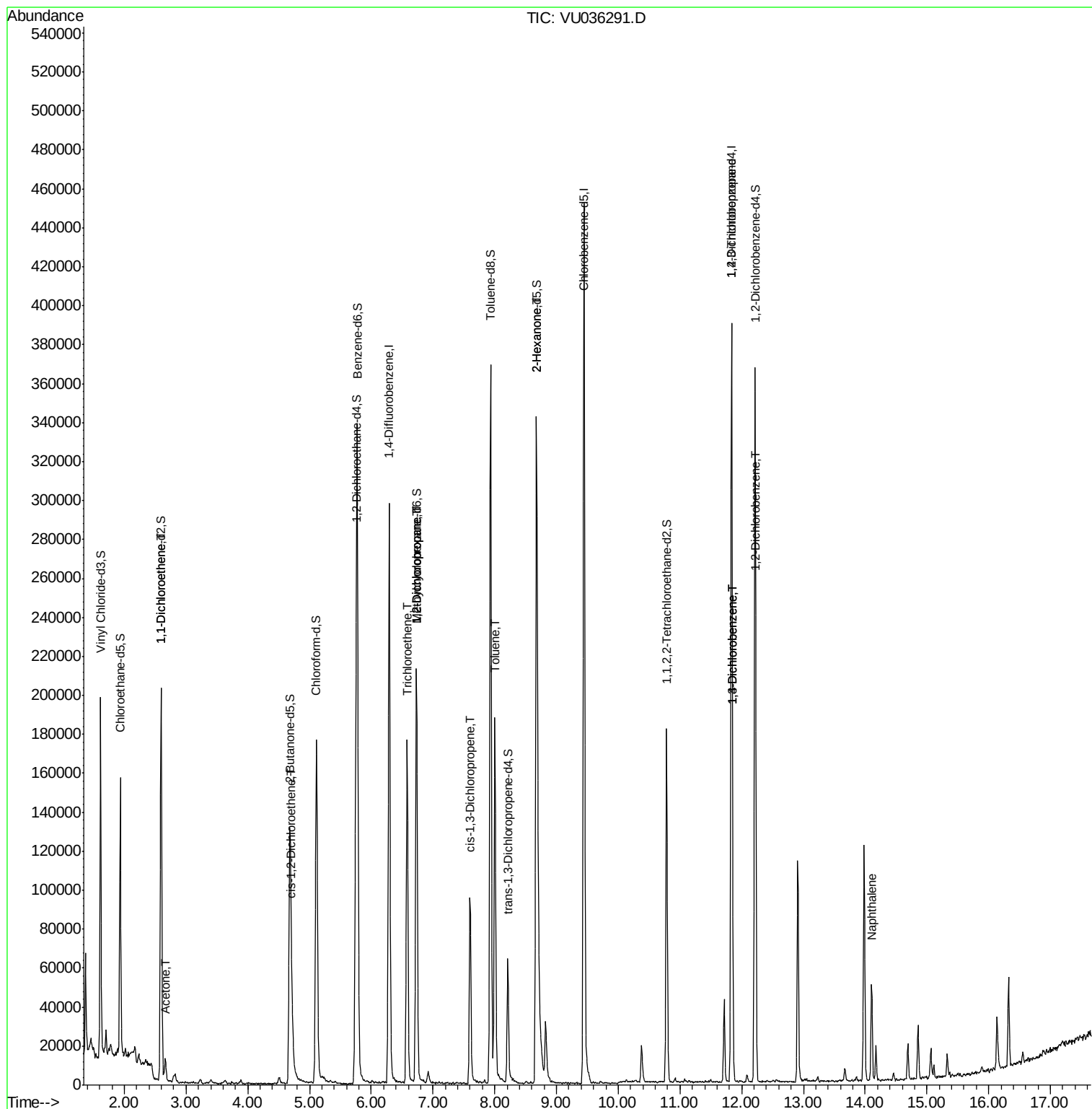
					Qvalue
12) 1,1-Dichloroethene	2.61	96	1823	0.099 ug/L #	1
13) Acetone	2.67	43	11795	3.300 ug/L	95
22) cis-1,2-Dichloroethene	4.72	96	12516	0.604 ug/L	96
34) Trichloroethene	6.58	95	61626	2.857 ug/L	97
35) Methylcyclohexane	6.73	83	24495	0.799 ug/L #	18
37) 1,2-Dichloropropane	6.73	63	11268	0.528 ug/L #	88
39) cis-1,3-Dichloropropene	7.60	75	2779	0.096 ug/L #	53
42) Toluene	8.00	91	141097	1.574 ug/L	97
48) 2-Hexanone	8.67	43	24310	2.918 ug/L #	66
59) 1,2,3-Trichloropropane	11.84	75	13138	0.926 ug/L	94
62) 1,3-Dichlorobenzene	11.86	146	6694	0.176 ug/L	94
63) 1,4-Dichlorobenzene	11.86	146	6694	0.177 ug/L	94
65) 1,2-Dichlorobenzene	12.24	146	5476	0.151 ug/L	92
69) Naphthalene	14.11	128	38671	1.624 ug/L	99

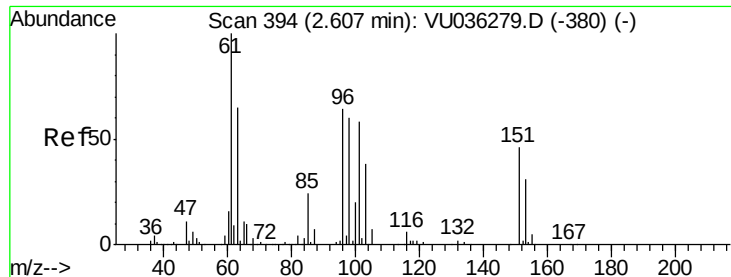
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
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#12

1,1-Dichloroethene

Concen: 0.099 ug/L

RT: 2.61 min Scan# 394

Delta R.T. 0.00 min

Lab File: VU036291.D

Acq: 19 Dec 2019 18:34

Instrument :

MSVOA_U

ClientSampleId :

BFDW6

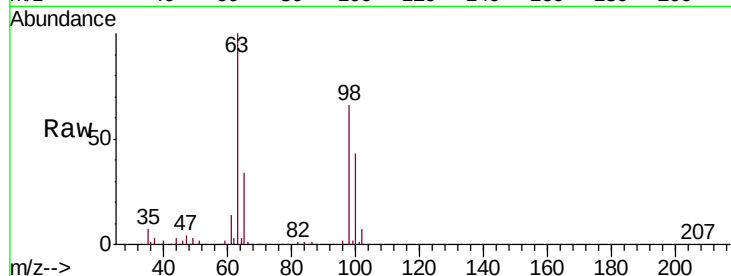
Tgt Ion: 96 Resp: 1823

Ion Ratio Lower Upper

96 100

61 673.0 114.0 211.8#

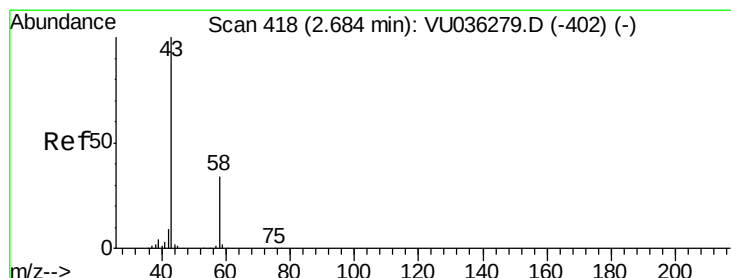
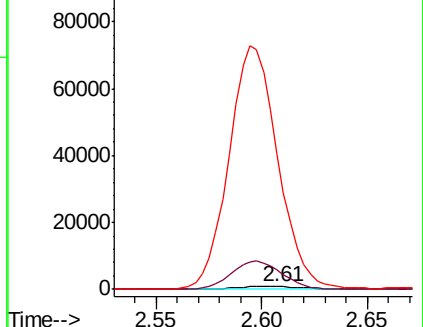
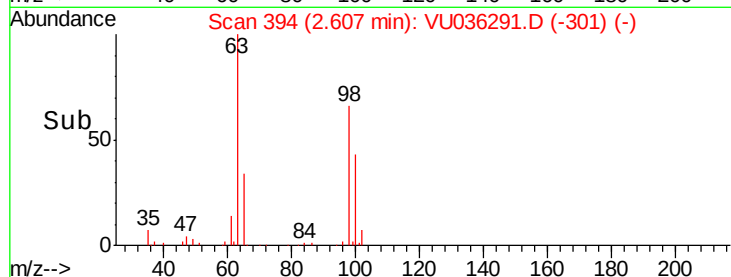
63 4789.7 63.6 118.0#



Abundance Ion 96.00 (95.70 to 96.70): VU036291.D (-301) (-)

Ion 61.05 (60.75 to 61.75): VU036291.D (-301) (-)

Ion 63.00 (62.70 to 63.70): VU036291.D (-301) (-)



#13

Acetone

Concen: 3.300 ug/L

RT: 2.67 min Scan# 412

Delta R.T. -0.02 min

Lab File: VU036291.D

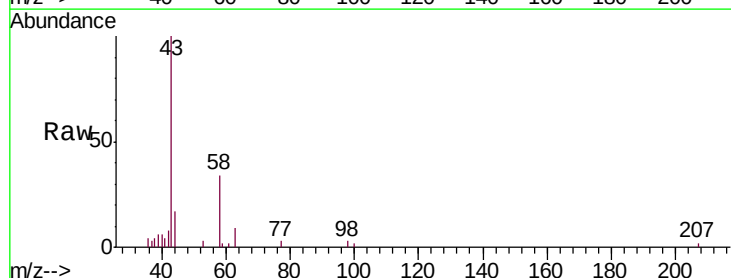
Acq: 19 Dec 2019 18:34

Tgt Ion: 43 Resp: 11795

Ion Ratio Lower Upper

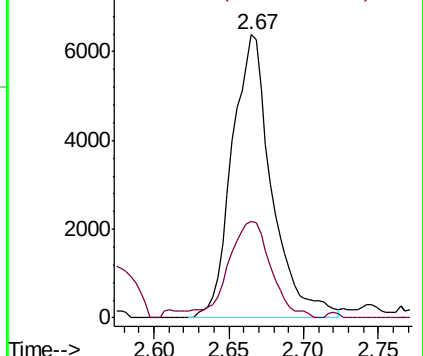
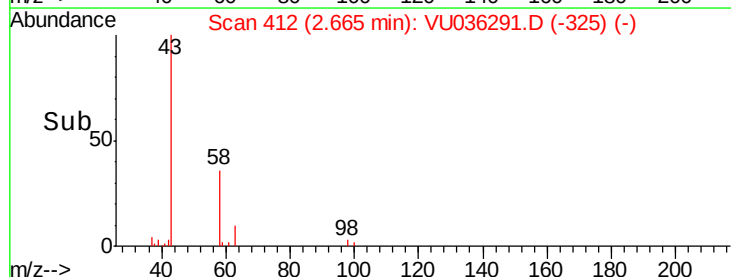
43 100

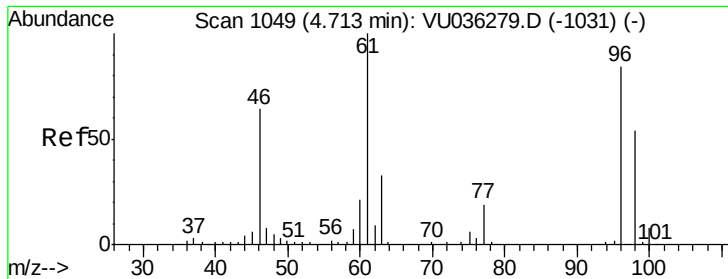
58 36.6 0.0 67.6



Abundance Ion 43.05 (42.75 to 43.75): VU036291.D (-325) (-)

Ion 58.05 (57.75 to 58.75): VU036291.D (-325) (-)

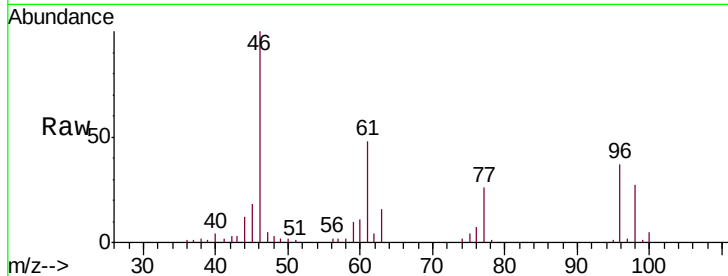




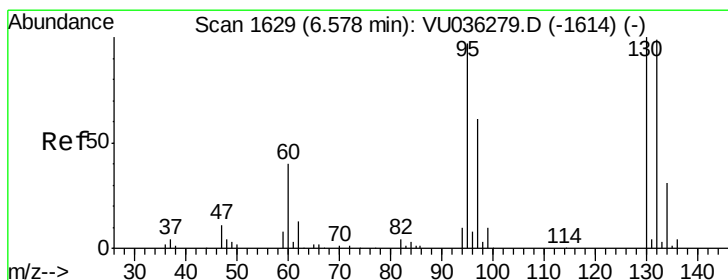
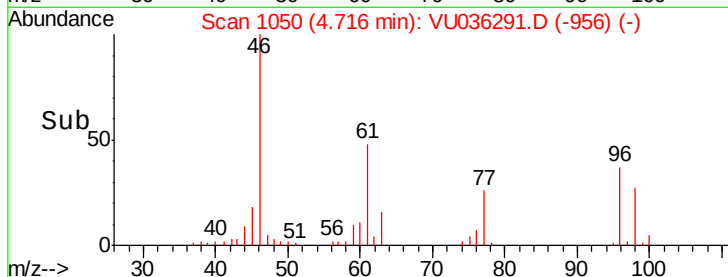
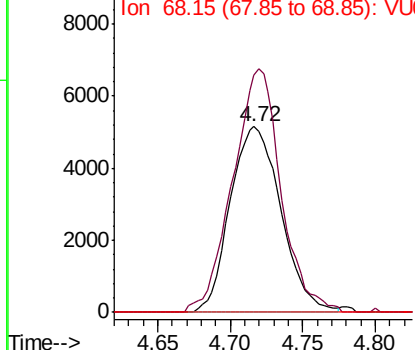
#22
 cis-1,2-Dichloroethene
 Concen: 0.604 ug/L
 RT: 4.72 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VU036291.D
 Acq: 19 Dec 2019 18:34

Instrument :
 MSVOA_U
 ClientSampleId :
 BFDW6

Tgt Ion: 96 Resp: 12516
 Ion Ratio Lower Upper
 96 100
 61 128.2 86.7 161.1
 68 0.0 0.0 0.0

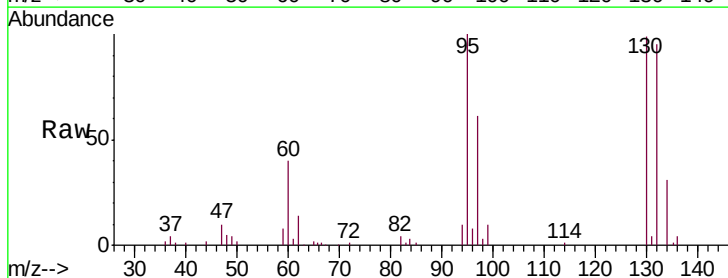


Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.05 (60.75 to 61.75): VU0
 Ion 68.15 (67.85 to 68.85): VU0

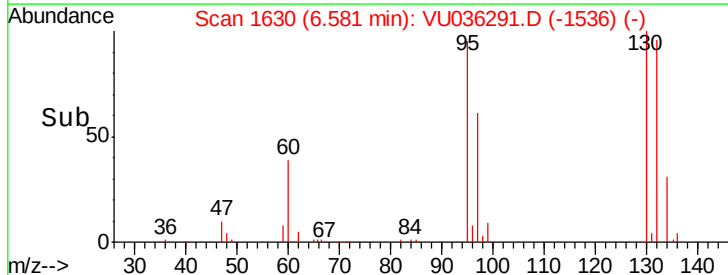
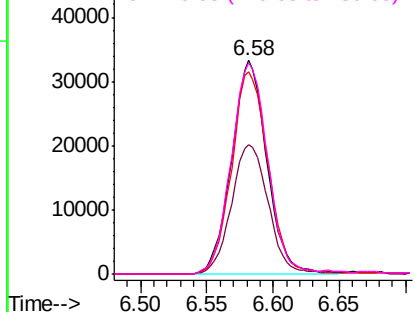


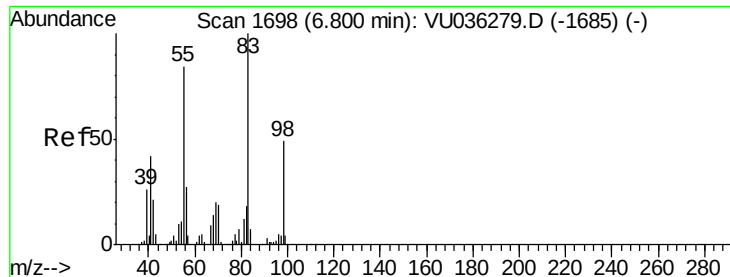
#34
 Trichloroethene
 Concen: 2.857 ug/L
 RT: 6.58 min Scan# 1630
 Delta R.T. 0.00 min
 Lab File: VU036291.D
 Acq: 19 Dec 2019 18:34

Tgt Ion: 95 Resp: 61626
 Ion Ratio Lower Upper
 95 100
 97 60.7 43.6 81.0
 132 94.8 69.6 129.2
 130 98.8 70.3 130.7



Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 96.95 (96.65 to 97.65): VU0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V

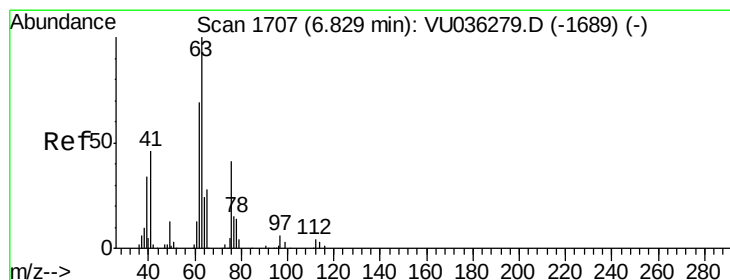
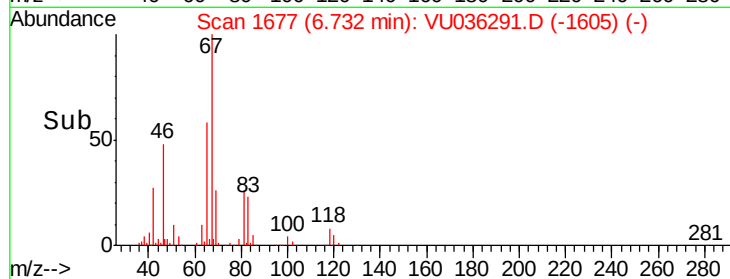
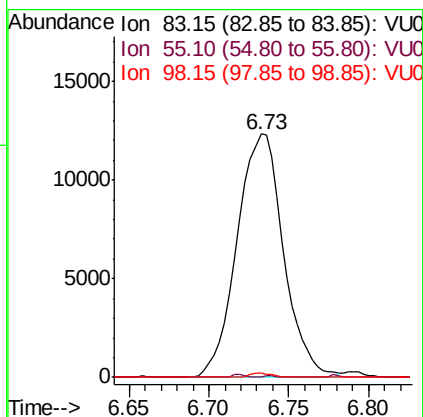
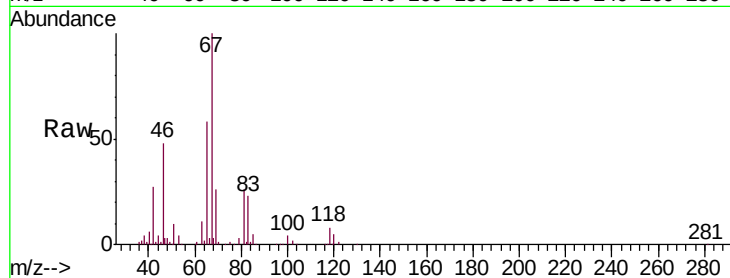




#35
Methylcyclohexane
Concen: 0.799 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.07 min
Lab File: VU036291.D
Acq: 19 Dec 2019 18:34

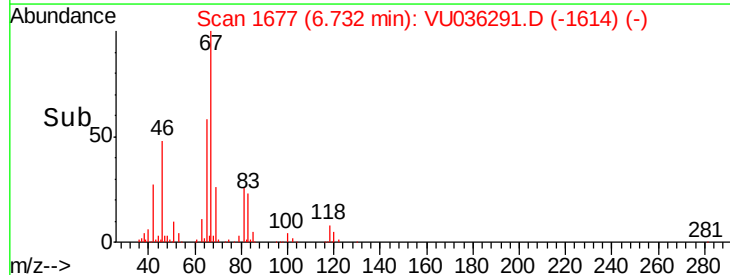
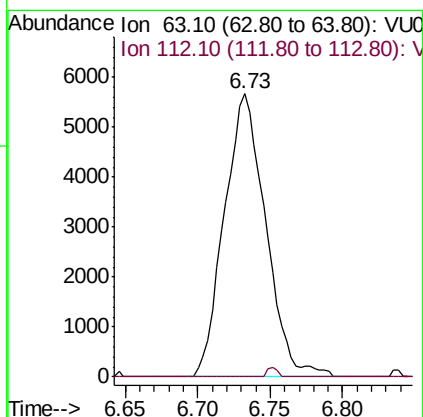
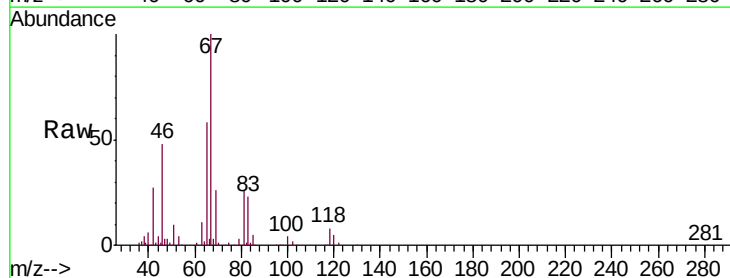
Instrument :
MSVOA_U
ClientSampleId :
BFDW6

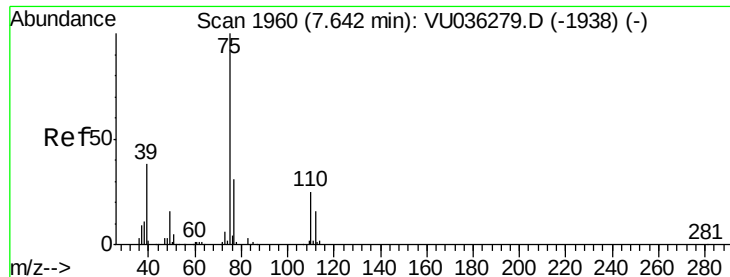
Tgt Ion: 83 Resp: 24495
Ion Ratio Lower Upper
83 100
55 0.2 62.6 94.0#
98 0.8 36.2 54.2#



#37
1,2-Dichloropropane
Concen: 0.528 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.10 min
Lab File: VU036291.D
Acq: 19 Dec 2019 18:34

Tgt Ion: 63 Resp: 11268
Ion Ratio Lower Upper
63 100
112 0.8 3.8 5.8#

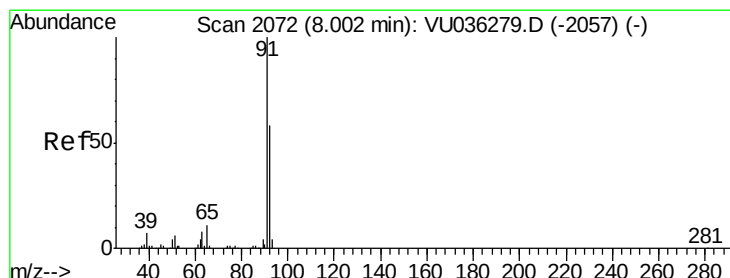
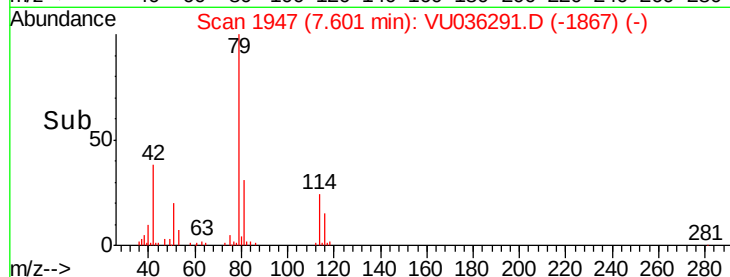
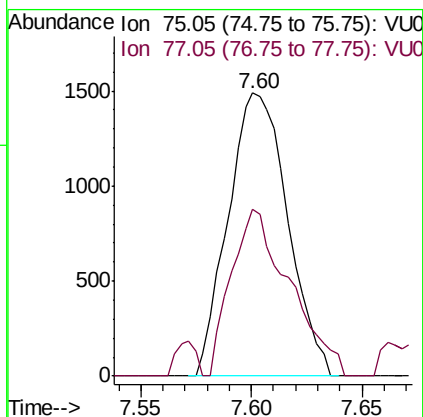
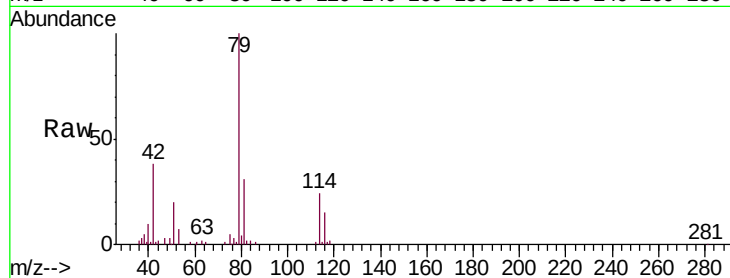




#39
 cis-1,3-Dichloropropene
 Concen: 0.096 ug/L
 RT: 7.60 min Scan# 1947
 Delta R.T. -0.04 min
 Lab File: VU036291.D
 Acq: 19 Dec 2019 18:34

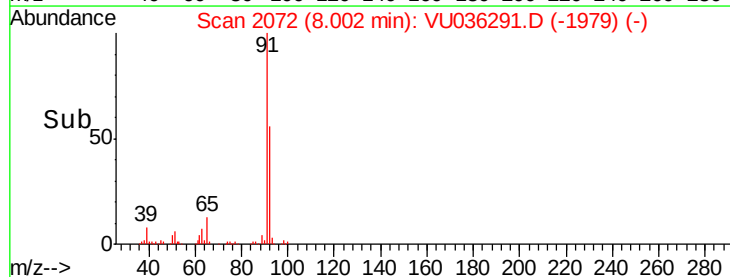
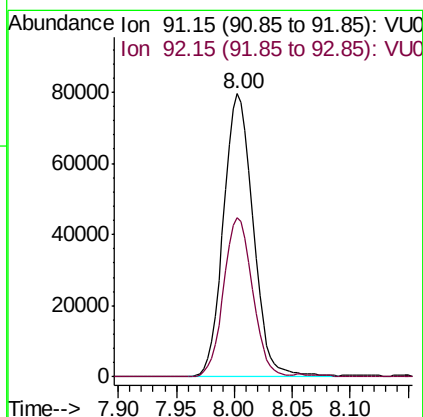
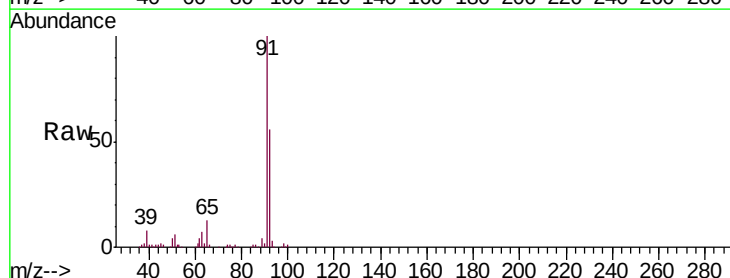
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 MSVOA_U
 ClientSampleId :
 BFDW6

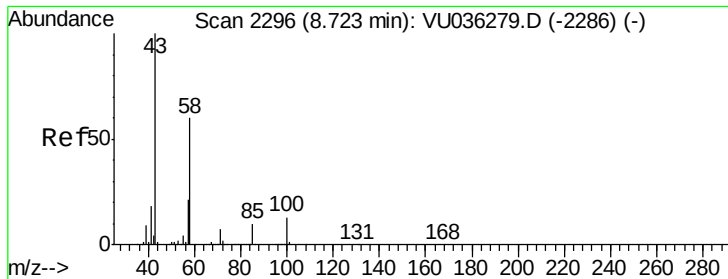
Tgt Ion: 75 Resp: 2779
 Ion Ratio Lower Upper
 75 100
 77 58.8 22.7 42.1#



#42
 Toluene
 Concen: 1.574 ug/L
 RT: 8.00 min Scan# 2072
 Delta R.T. 0.00 min
 Lab File: VU036291.D
 Acq: 19 Dec 2019 18:34

Tgt Ion: 91 Resp: 141097
 Ion Ratio Lower Upper
 91 100
 92 56.4 41.2 76.6

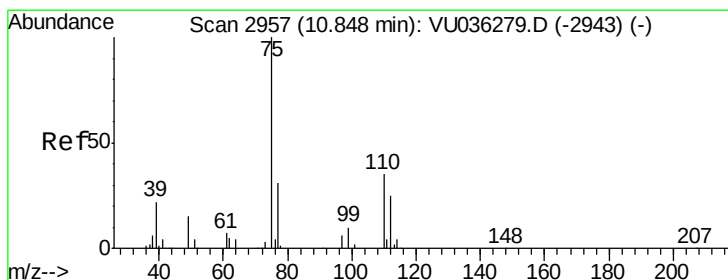
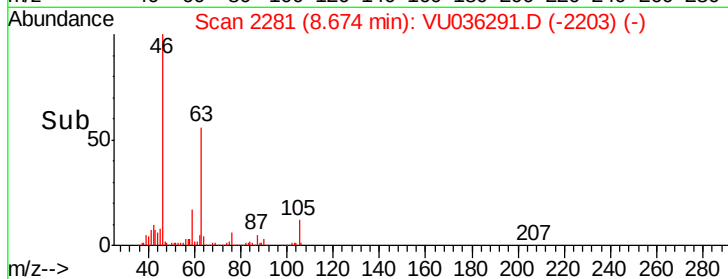
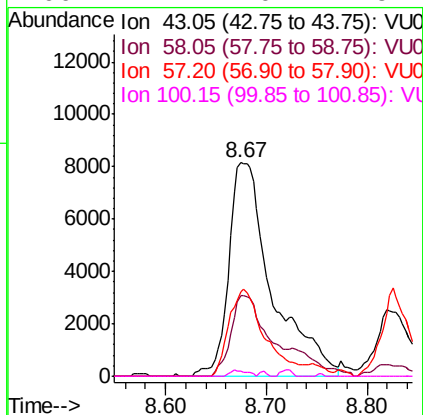
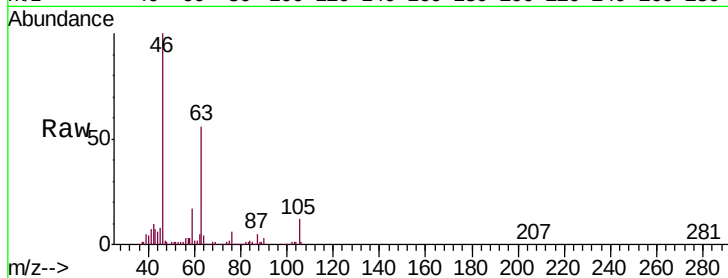




#48
 2-Hexanone
 Concen: 2.918 ug/L
 RT: 8.67 min Scan# 2281
 Delta R.T. -0.05 min
 Lab File: VU036291.D
 Acq: 19 Dec 2019 18:34

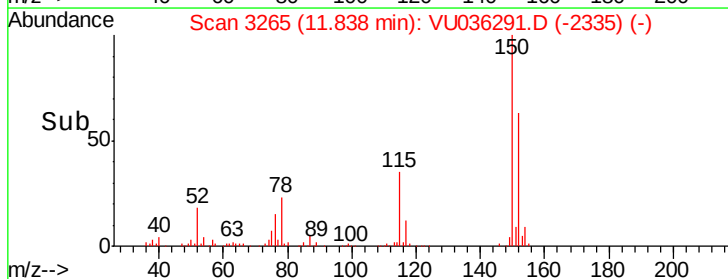
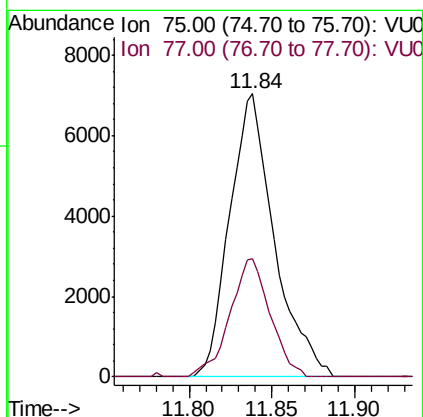
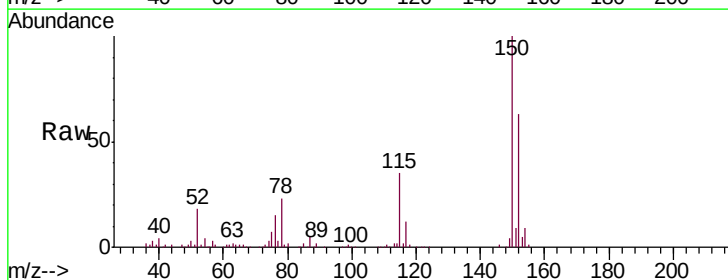
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 ClientSampleId :
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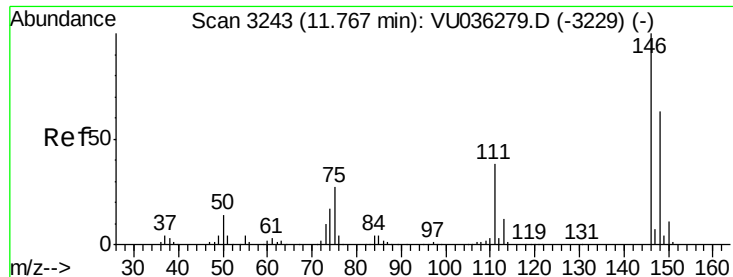
Tgt Ion: 43 Resp: 24310
 Ion Ratio Lower Upper
 43 100
 58 31.0 46.2 69.2#
 57 34.2 16.2 24.4#
 100 1.2 10.2 15.4#



#59
 1,2,3-Trichloropropane
 Concen: 0.926 ug/L
 RT: 11.84 min Scan# 3265
 Delta R.T. 0.99 min
 Lab File: VU036291.D
 Acq: 19 Dec 2019 18:34

Tgt Ion: 75 Resp: 13138
 Ion Ratio Lower Upper
 75 100
 77 37.7 27.2 40.8





#62

1,3-Dichlorobenzene

Concen: 0.176 ug/L

RT: 11.86 min Scan# 3272

Delta R.T. 0.09 min

Lab File: VU036291.D

Acq: 19 Dec 2019 18:34

Instrument :

MSVOA_U

ClientSampled :

BFDW6

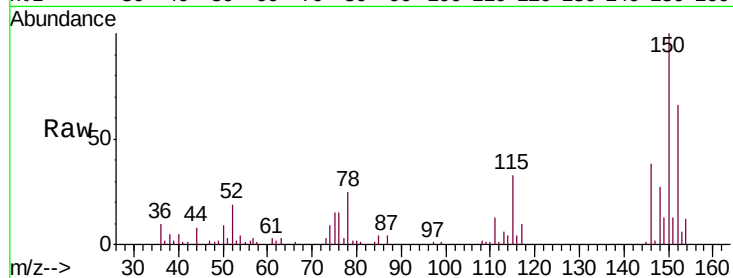
Tgt Ion:146 Resp: 6694

Ion Ratio Lower Upper

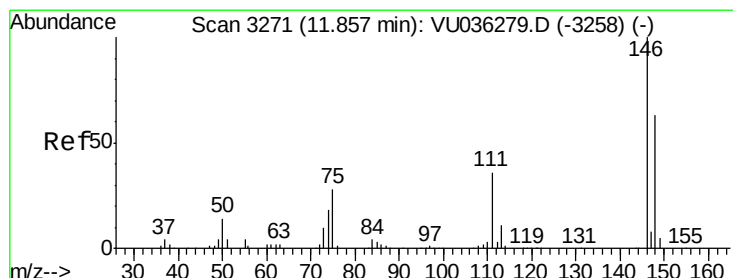
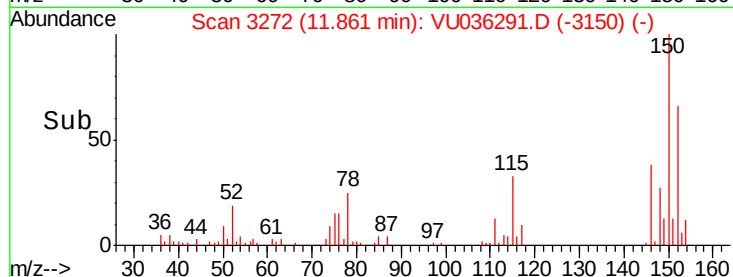
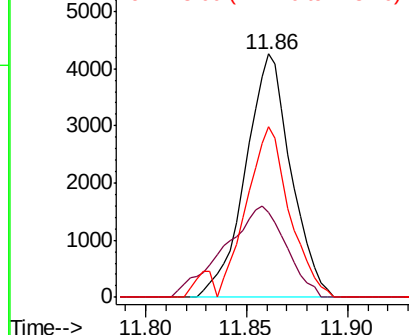
146 100

111 35.1 26.3 48.9

148 70.0 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: 0.177 ug/L

RT: 11.86 min Scan# 3272

Delta R.T. 0.00 min

Lab File: VU036291.D

Acq: 19 Dec 2019 18:34

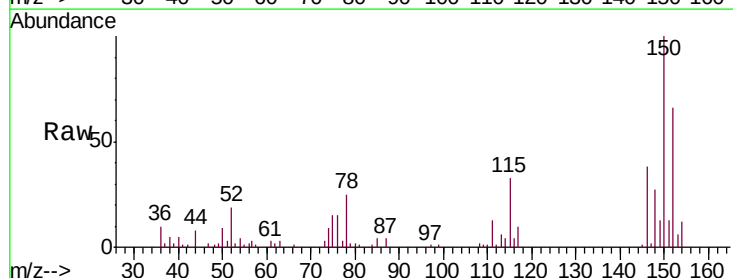
Tgt Ion:146 Resp: 6694

Ion Ratio Lower Upper

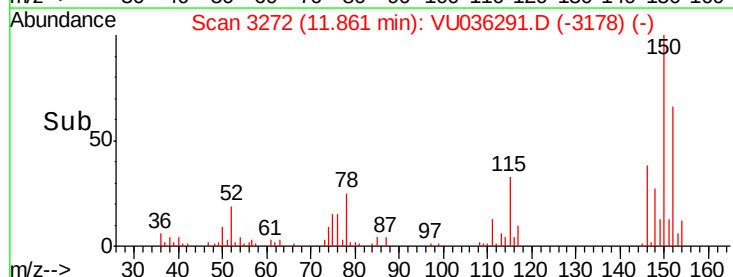
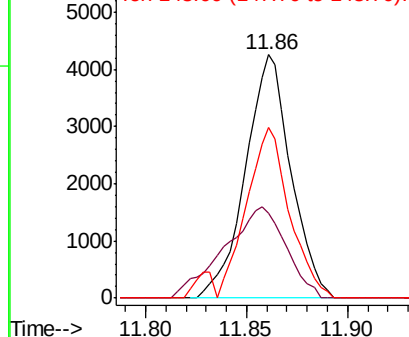
146 100

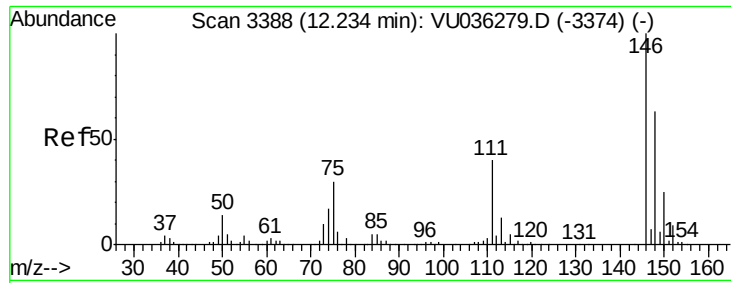
111 35.1 25.8 48.0

148 70.0 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: 0.151 ug/L

RT: 12.24 min Scan# 3389

Delta R.T. 0.00 min

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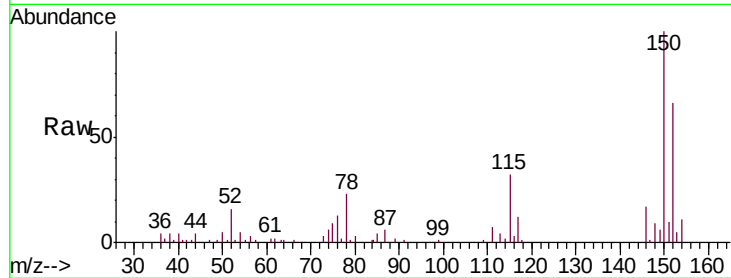
Tgt Ion:146 Resp: 5476

Ion Ratio Lower Upper

146 100

111 42.2 32.5 48.7

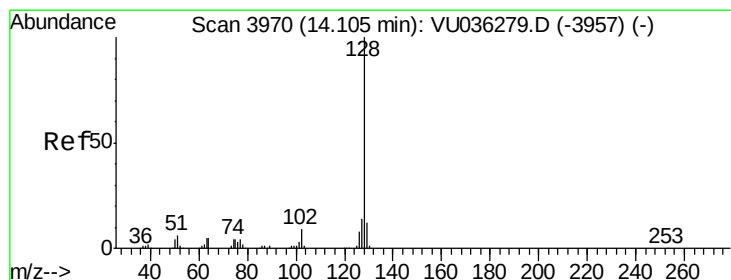
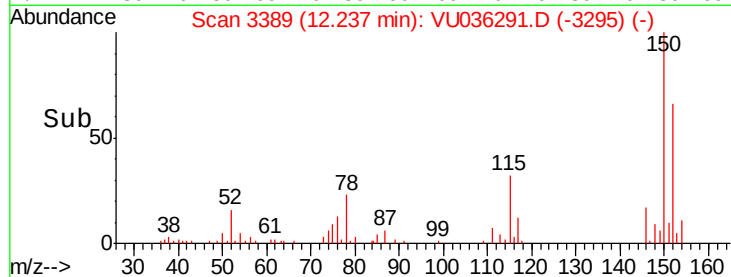
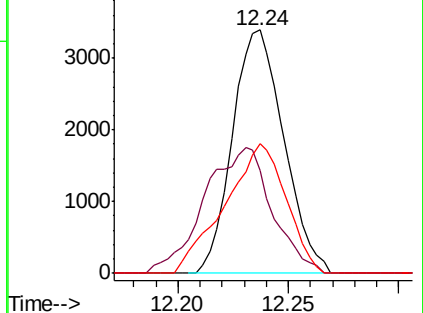
148 53.1 49.2 73.8



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: 1.624 ug/L

RT: 14.11 min Scan# 3970

Delta R.T. 0.00 min

Lab File: VU036291.D

Acq: 19 Dec 2019 18:34

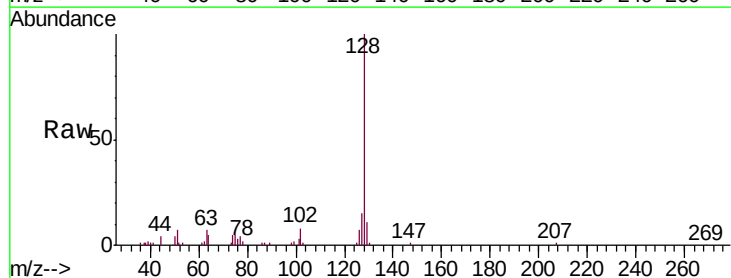
Tgt Ion:128 Resp: 38671

Ion Ratio Lower Upper

128 100

129 11.0 8.4 12.6

127 15.0 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

