

Data File : VU036162.D
Acq On : 12 Dec 2019 20:47
Operator : JC/MD
Sample : K6273-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFDQ2

Quant Time: Dec 13 02:46:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Dec 13 02:41:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	241677	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	279013	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	108734	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	128593	5.25	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.00%
7) Chloroethane-d5	1.93	69	116143	5.39	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.80%
11) 1,1-Dichloroethene-d2	2.59	63	136588	4.22	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.40%
20) 2-Butanone-d5	4.70	46	203835	51.80	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.60%
24) Chloroform-d	5.11	84	192942	5.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.40%
26) 1,2-Dichloroethane-d4	5.75	65	101043	5.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.00%
32) Benzene-d6	5.77	84	346385	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.00%
36) 1,2-Dichloropropane-d6	6.73	67	115378	4.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.40%
41) Toluene-d8	7.93	98	283368	4.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.20%
43) trans-1,3-Dichloropropene-	8.21	79	43083	4.44	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.80%
46) 2-Hexanone-d5	8.68	63	171512	48.09	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.18%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	110073	5.32	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.40%
64) 1,2-Dichlorobenzene-d4	12.22	152	109561	5.30	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.00%

Target Compounds

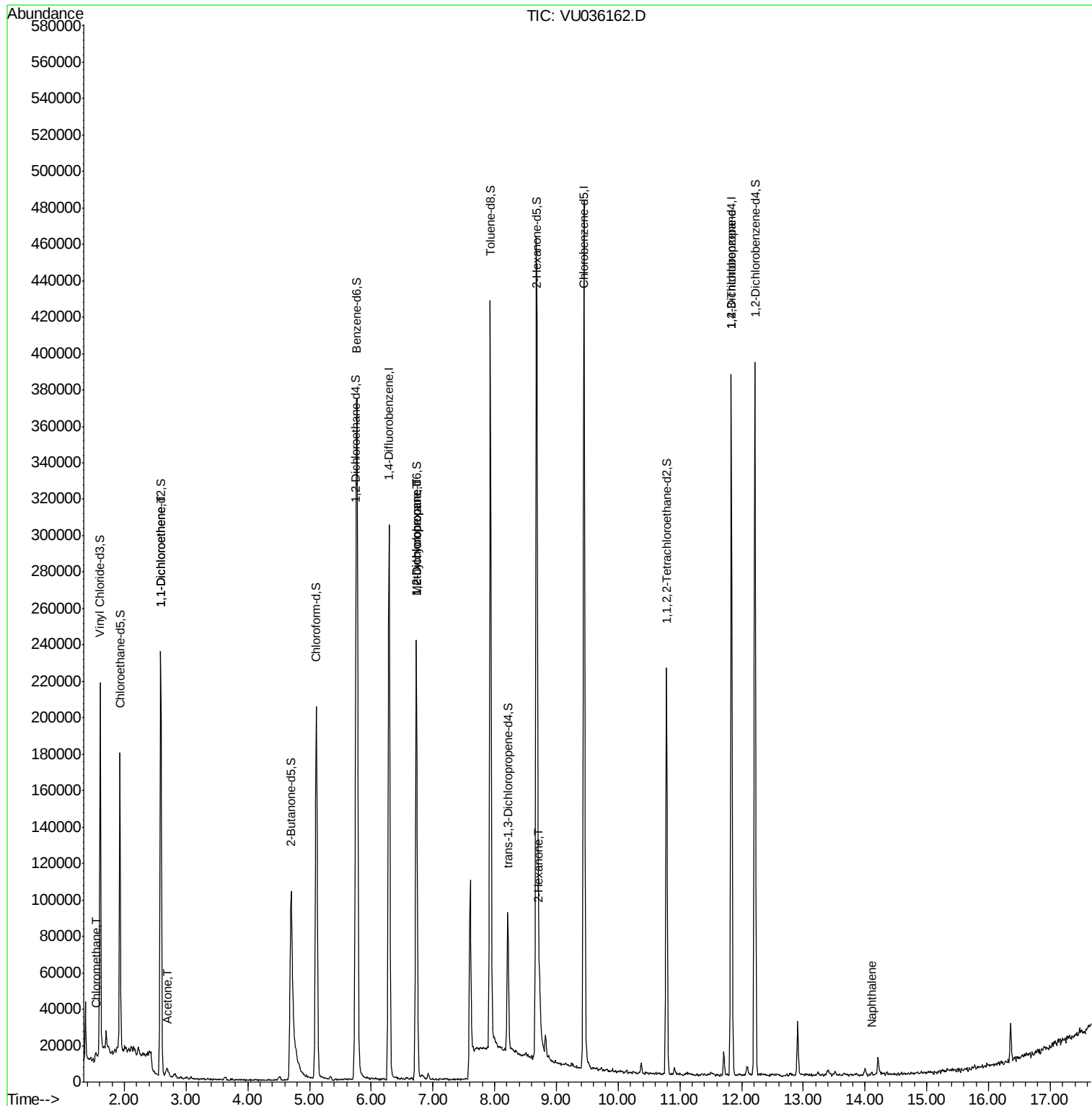
					Qvalue
3) Chloromethane	1.53	50	3114	0.090 ug/L	97
12) 1,1-Dichloroethene	2.59	96	1293	0.071 ug/L #	1
13) Acetone	2.69	43	9117	2.663 ug/L	99
35) Methylcyclohexane	6.73	83	28336	0.906 ug/L #	19
37) 1,2-Dichloropropane	6.74	63	12167	0.550 ug/L #	87
48) 2-Hexanone	8.73	43	9349	1.140 ug/L #	59
59) 1,2,3-Trichloropropane	11.83	75	12172	0.834 ug/L	96
69) Naphthalene	14.11	128	1385	0.111 ug/L #	93

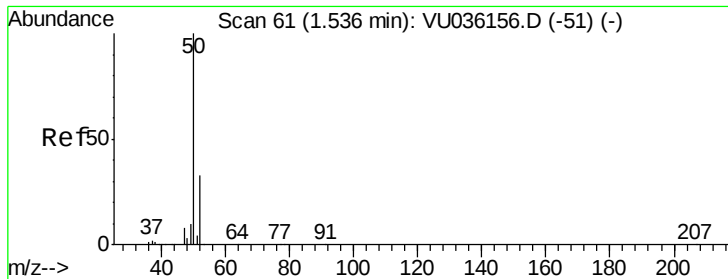
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.090 ug/L

RT: 1.53 min Scan# 60

Delta R.T. -0.00 min

Lab File: VU036162.D

Acq: 12 Dec 2019 20:47

Instrument :

MSVOA_U

ClientSampleId :

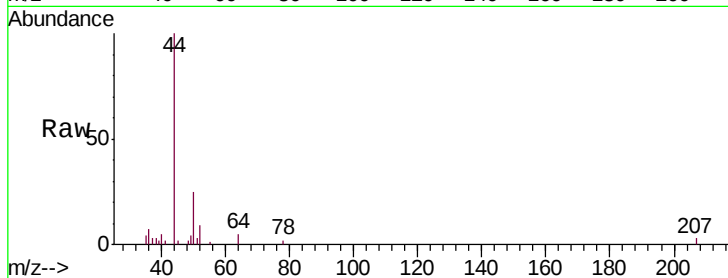
BFDQ2

Tgt Ion: 50 Resp: 3114

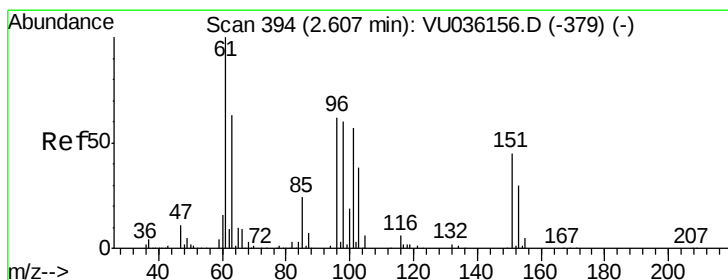
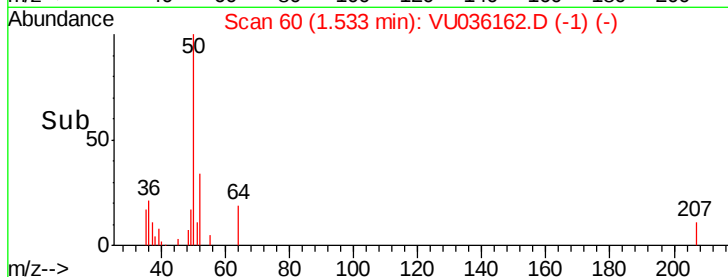
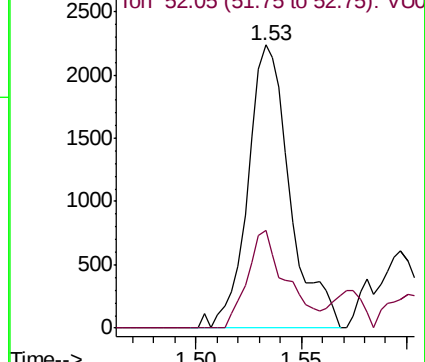
Ion Ratio Lower Upper

50 100

52 34.4 23.0 42.8



Abundance Ion 50.05 (49.75 to 50.75): VU036162.D (-1) (-)



#12

1,1-Dichloroethene

Concen: 0.071 ug/L

RT: 2.59 min Scan# 389

Delta R.T. -0.02 min

Lab File: VU036162.D

Acq: 12 Dec 2019 20:47

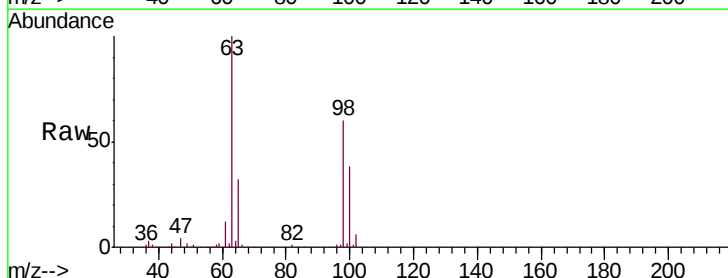
Tgt Ion: 96 Resp: 1293

Ion Ratio Lower Upper

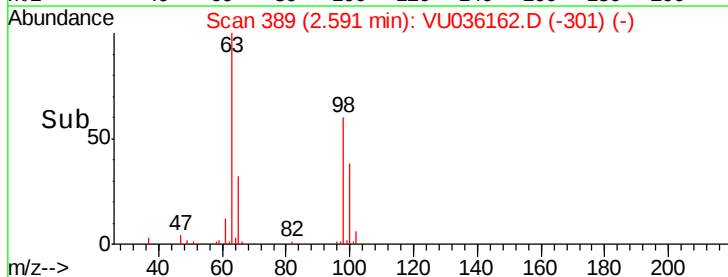
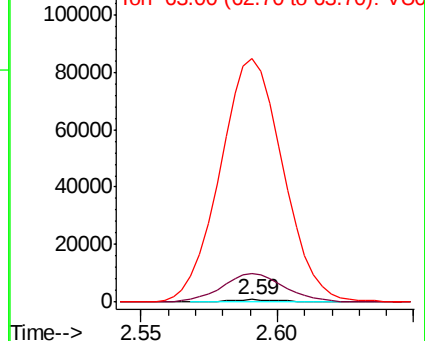
96 100

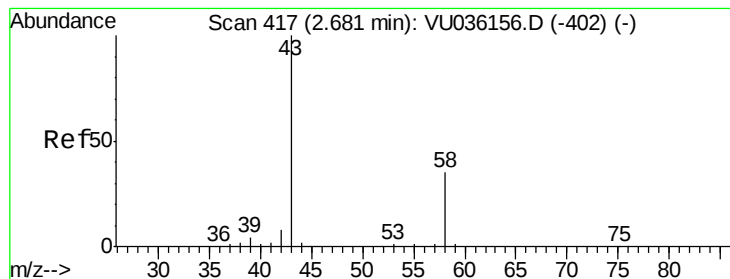
61 1109.9 110.6 205.4#

63 9515.5 71.6 133.0#



Abundance Ion 96.00 (95.70 to 96.70): VU036162.D (-301) (-)





#13

Acetone

Concen: 2.663 ug/L

RT: 2.69 min Scan# 419

Delta R.T. 0.01 min

Lab File: VU036162.D

Acq: 12 Dec 2019 20:47

Instrument :

MSVOA_U

ClientSampleId :

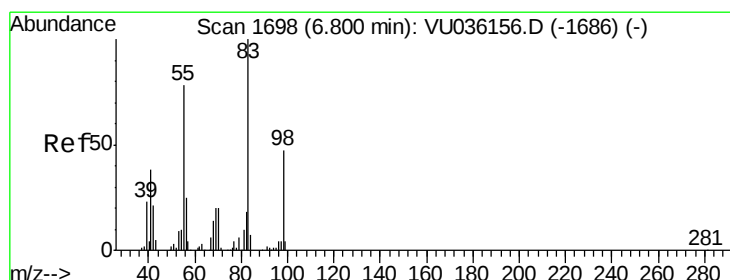
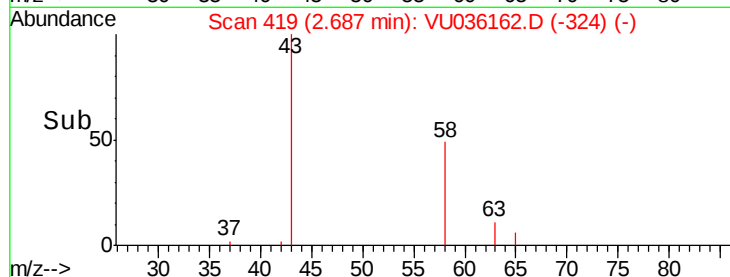
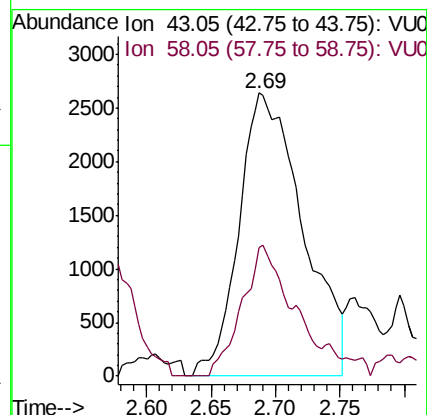
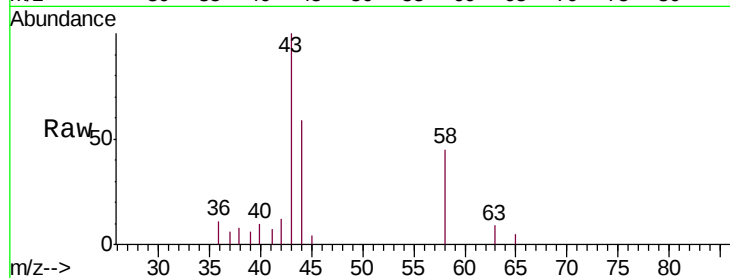
BFDQ2

Tgt Ion: 43 Resp: 9117

Ion Ratio Lower Upper

43 100

58 35.8 0.0 70.0



#35

Methylcyclohexane

Concen: 0.906 ug/L

RT: 6.73 min Scan# 1676

Delta R.T. -0.07 min

Lab File: VU036162.D

Acq: 12 Dec 2019 20:47

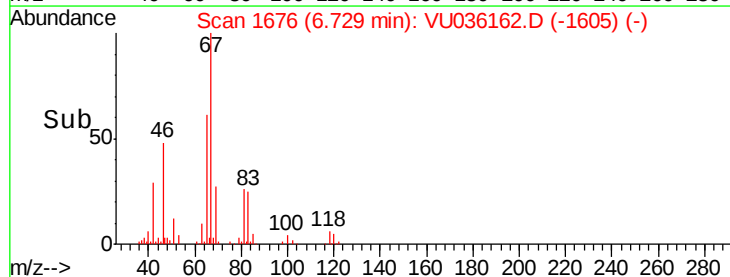
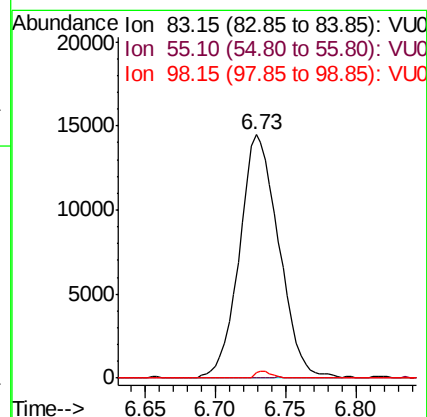
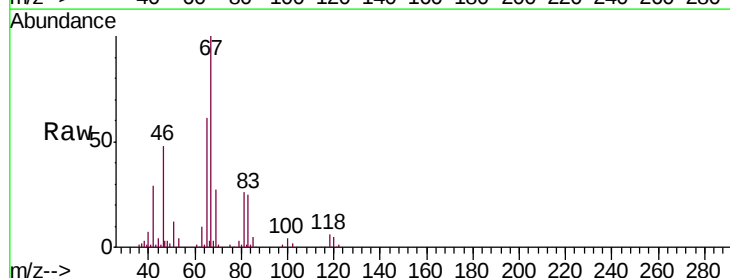
Tgt Ion: 83 Resp: 28336

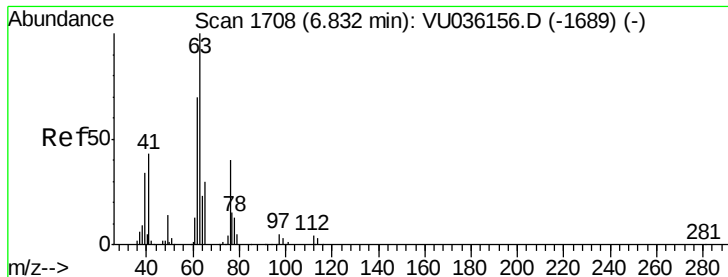
Ion Ratio Lower Upper

83 100

55 0.1 61.9 92.9#

98 1.1 35.8 53.6#

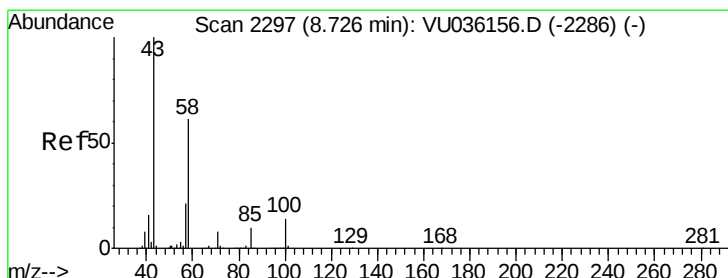
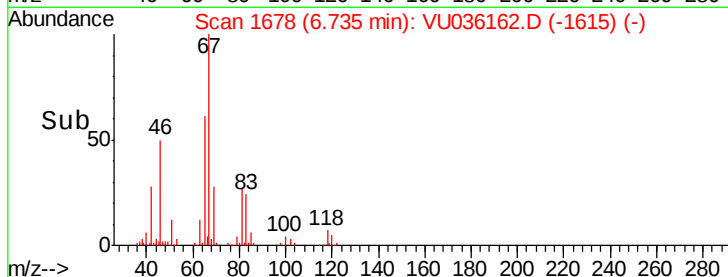
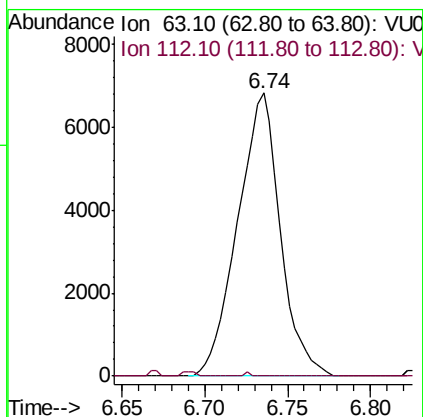
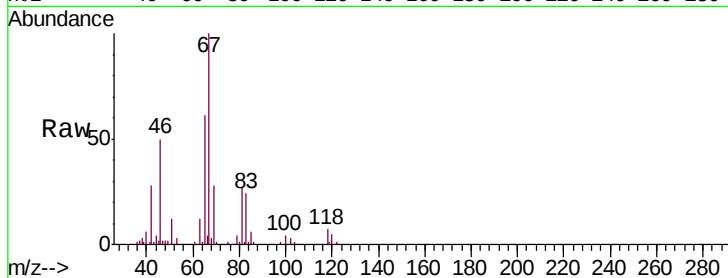




#37
 1,2-Dichloropropane
 Concen: 0.550 ug/L
 RT: 6.74 min Scan# 1678
 Delta R.T. -0.10 min
 Lab File: VU036162.D
 Acq: 12 Dec 2019 20:47

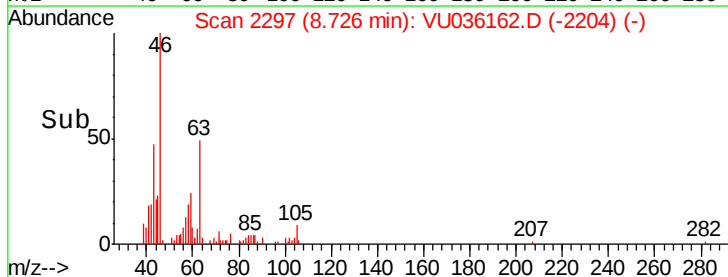
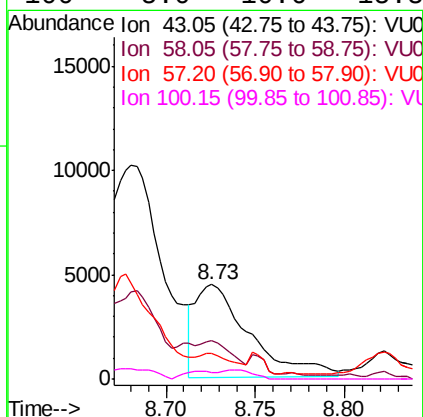
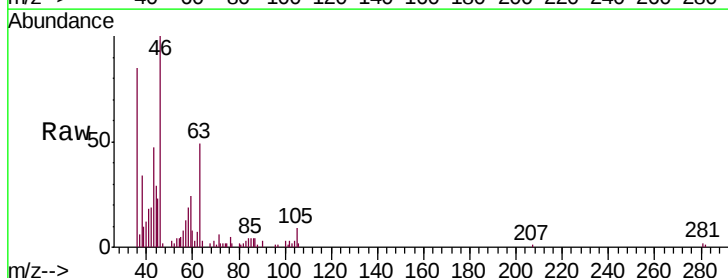
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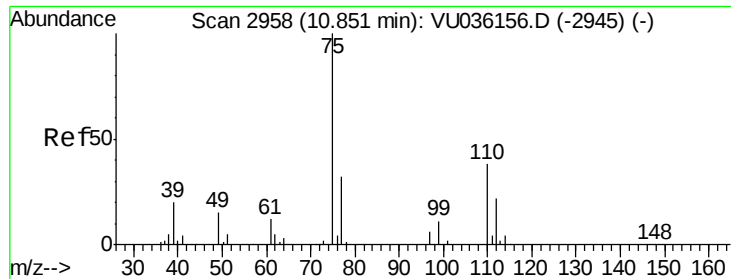
Tgt Ion: 63 Resp: 12167
 Ion Ratio Lower Upper
 63 100
 112 0.2 3.6 5.4#



#48
 2-Hexanone
 Concen: 1.140 ug/L
 RT: 8.73 min Scan# 2297
 Delta R.T. -0.00 min
 Lab File: VU036162.D
 Acq: 12 Dec 2019 20:47

Tgt Ion: 43 Resp: 9349
 Ion Ratio Lower Upper
 43 100
 58 19.3 48.6 72.8#
 57 13.2 16.7 25.1#
 100 5.0 10.6 15.8#

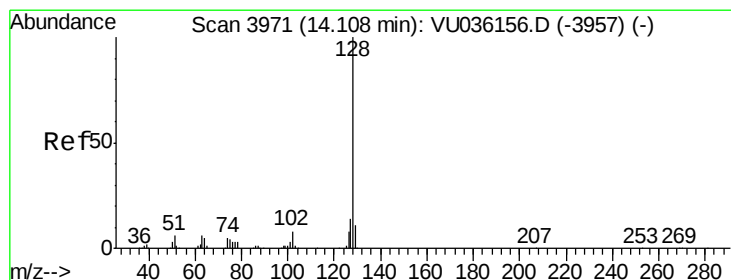
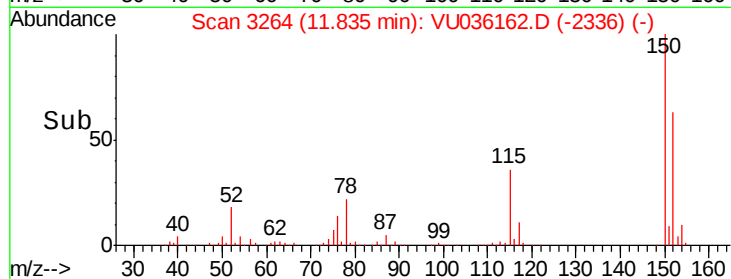
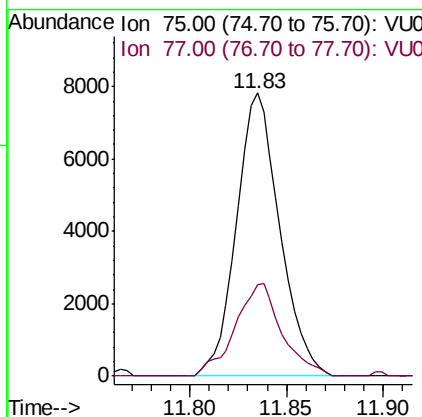
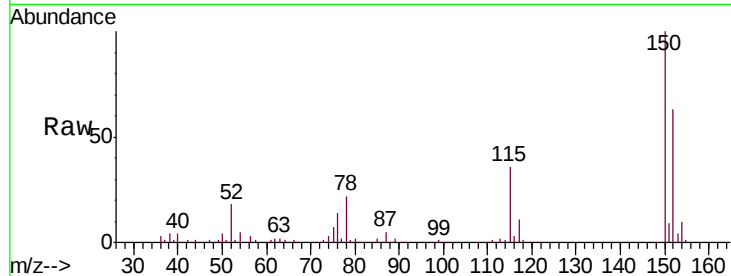




#59
 1,2,3-Trichloropropane
 Concen: 0.834 ug/L
 RT: 11.83 min Scan# 3264
 Delta R.T. 0.98 min
 Lab File: VU036162.D
 Acq: 12 Dec 2019 20:47

Instrument :
 MSVOA_U
 ClientSampleId :
 BFDQ2

Tgt Ion: 75 Resp: 12172
 Ion Ratio Lower Upper
 75 100
 77 35.3 26.6 39.8



#69
 Naphthalene
 Concen: 0.111 ug/L
 RT: 14.11 min Scan# 3972
 Delta R.T. 0.00 min
 Lab File: VU036162.D
 Acq: 12 Dec 2019 20:47

Tgt Ion: 128 Resp: 1385
 Ion Ratio Lower Upper
 128 100
 129 7.7 8.8 13.2#
 127 11.9 11.3 16.9

