

Data File : VU036169.D
Acq On : 12 Dec 2019 23:37
Operator : JC/MD
Sample : K6273-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFDQ9

Quant Time: Dec 13 02:47:43 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	257028	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	284193	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	109604	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	135135	5.19	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.80%
7) Chloroethane-d5	1.93	69	119586	5.22	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.40%
11) 1,1-Dichloroethene-d2	2.59	63	133854	3.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.80%
20) 2-Butanone-d5	4.69	46	237525	56.76	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.52%
24) Chloroform-d	5.11	84	199434	5.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.40%
26) 1,2-Dichloroethane-d4	5.75	65	104277	5.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.80%
32) Benzene-d6	5.77	84	372295	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
36) 1,2-Dichloropropane-d6	6.73	67	118847	5.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.60%
41) Toluene-d8	7.93	98	300622	4.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.60%
43) trans-1,3-Dichloropropene-	8.21	79	43072	4.36	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.20%
46) 2-Hexanone-d5	8.67	63	178887	49.24	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.48%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	110245	5.23	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.60%
64) 1,2-Dichlorobenzene-d4	12.22	152	116696	5.60	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.00%

Target Compounds

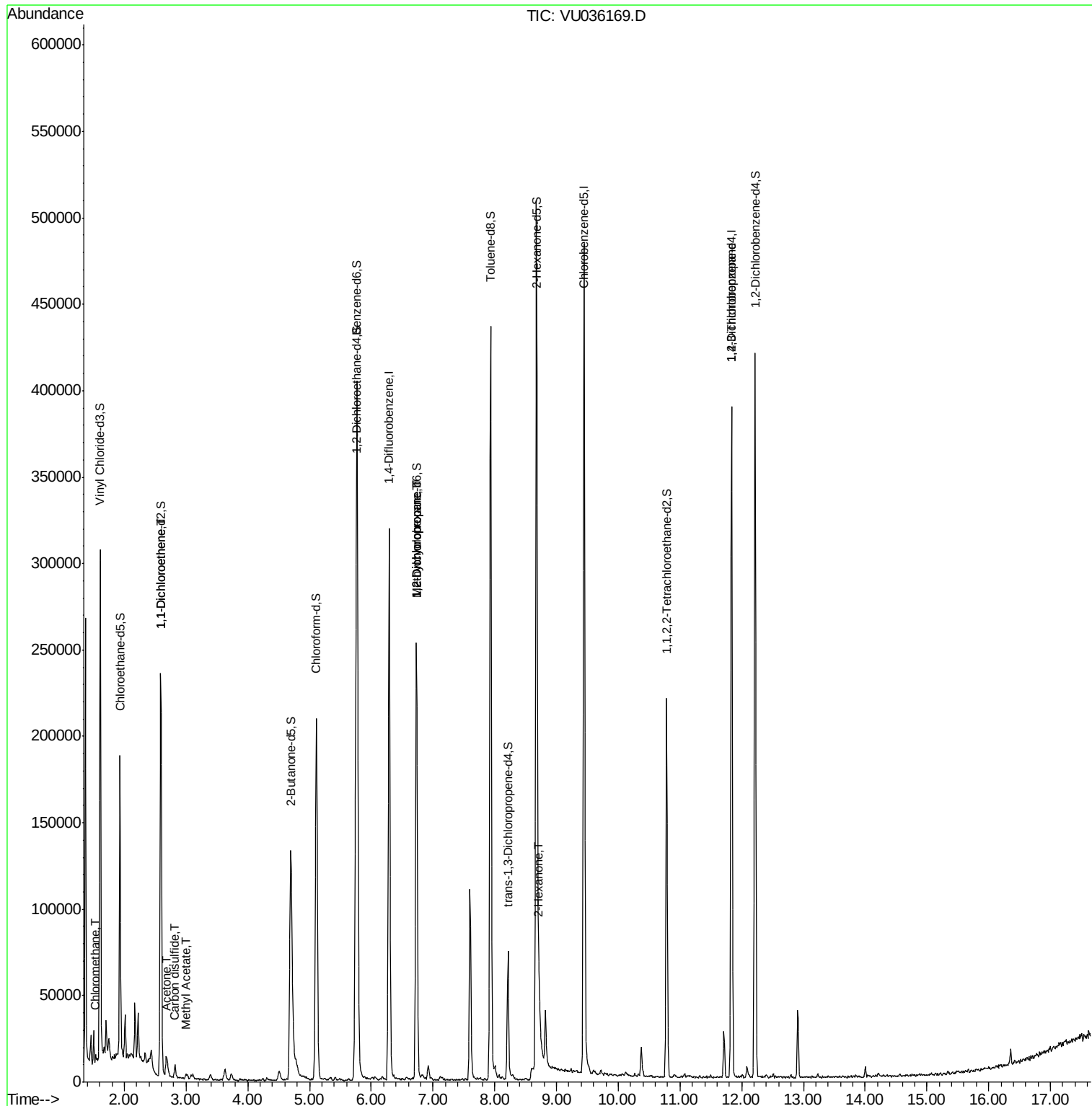
					Qvalue
3) Chloromethane	1.53	50	3423	0.093 ug/L	88
12) 1,1-Dichloroethene	2.59	96	1254	0.065 ug/L #	1
13) Acetone	2.68	43	21802	5.989 ug/L	94
14) Carbon disulfide	2.82	76	10893	0.169 ug/L	97
15) Methyl Acetate	3.00	43	1475	0.190 ug/L #	49
35) Methylcyclohexane	6.73	83	28324	0.889 ug/L #	19
37) 1,2-Dichloropropane	6.73	63	13694	0.607 ug/L #	87
48) 2-Hexanone	8.72	43	8693	1.041 ug/L #	89
59) 1,2,3-Trichloropropane	11.83	75	11810	0.794 ug/L	92

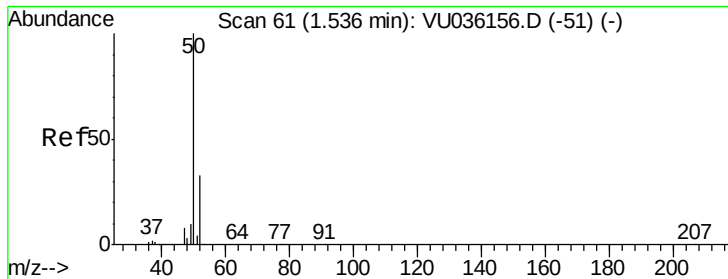
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.093 ug/L

RT: 1.53 min Scan# 60

Delta R.T. -0.00 min

Lab File: VU036169.D

Acq: 12 Dec 2019 23:37

Instrument :

MSVOA_U

ClientSampleId :

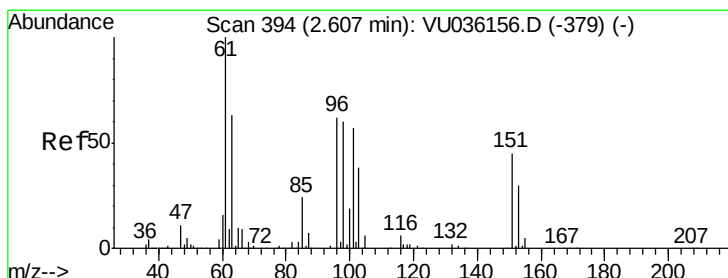
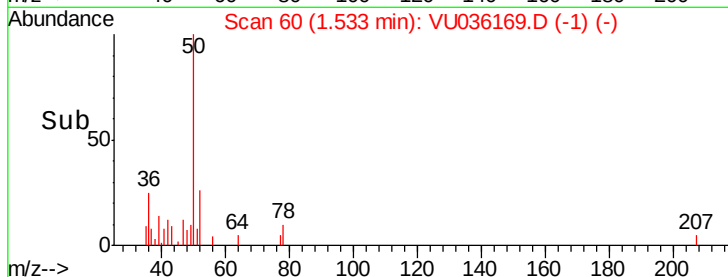
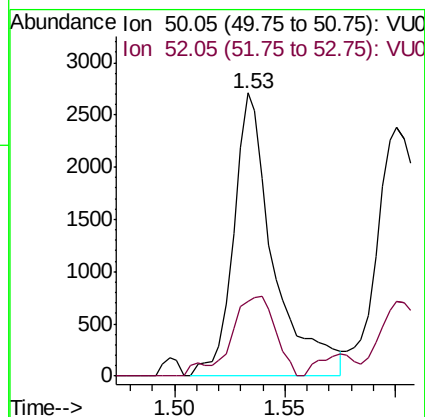
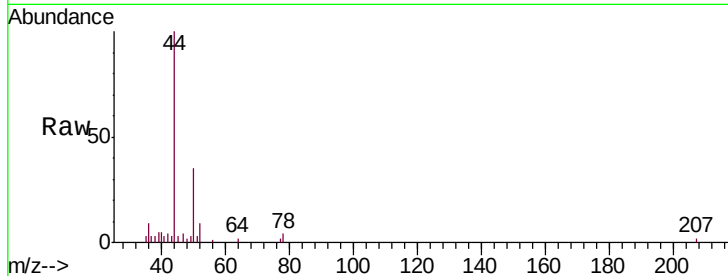
BFDQ9

Tgt Ion: 50 Resp: 3423

Ion Ratio Lower Upper

50 100

52 26.2 23.0 42.8



#12

1,1-Dichloroethene

Concen: 0.065 ug/L

RT: 2.59 min Scan# 390

Delta R.T. -0.01 min

Lab File: VU036169.D

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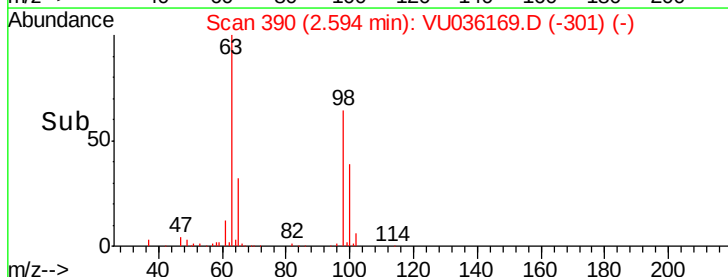
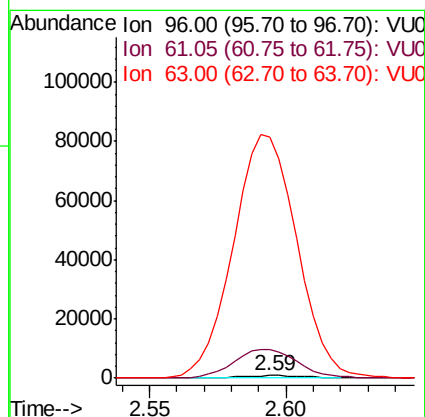
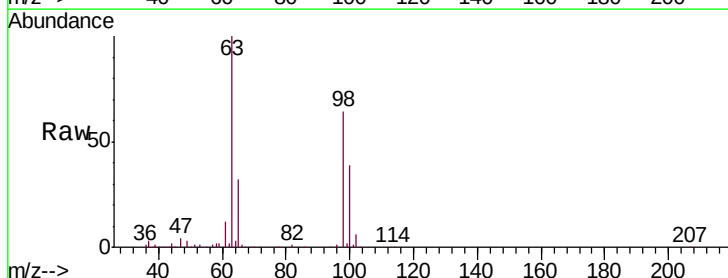
Tgt Ion: 96 Resp: 1254

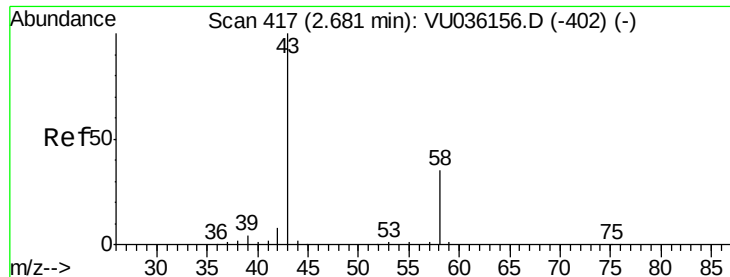
Ion Ratio Lower Upper

96 100

61 1065.5 110.6 205.4#

63 8945.6 71.6 133.0#





#13

Acetone

Concen: 5.989 ug/L

RT: 2.68 min Scan# 418

Delta R.T. 0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

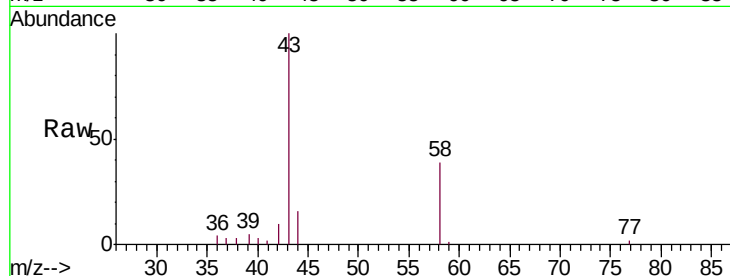
BFDQ9

Tgt Ion: 43 Resp: 21802

Ion Ratio Lower Upper

43 100

58 31.8 0.0 70.0



Abundance Ion 43.05 (42.75 to 43.75): VU036169.D (-324) (-)

Ion 58.05 (57.75 to 58.75): VU036169.D (-324) (-)

2.68

8000

6000

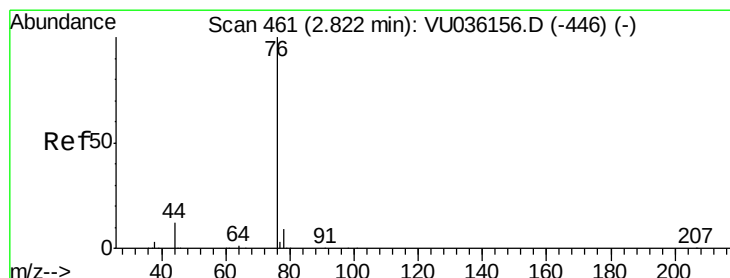
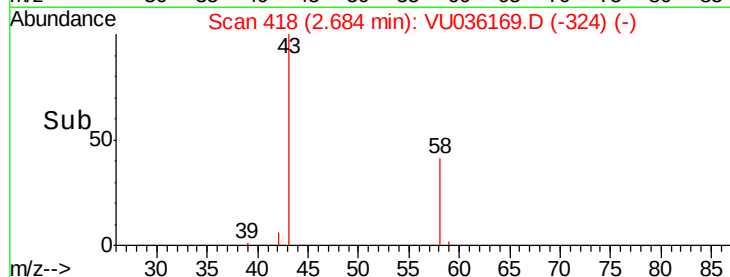
4000

2000

0

Time-->

2.60 2.65 2.70 2.75 2.80



#14

Carbon disulfide

Concen: 0.169 ug/L

RT: 2.82 min Scan# 460

Delta R.T. -0.00 min

Lab File: VU036169.D

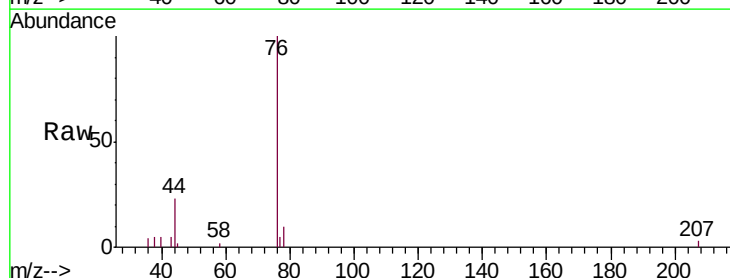
Acq: 12 Dec 2019 23:37

Tgt Ion: 76 Resp: 10893

Ion Ratio Lower Upper

76 100

78 10.0 7.2 10.8



Abundance Ion 76.05 (75.75 to 76.75): VU036169.D (-368) (-)

Ion 78.00 (77.70 to 78.70): VU036169.D (-368) (-)

2.82

6000

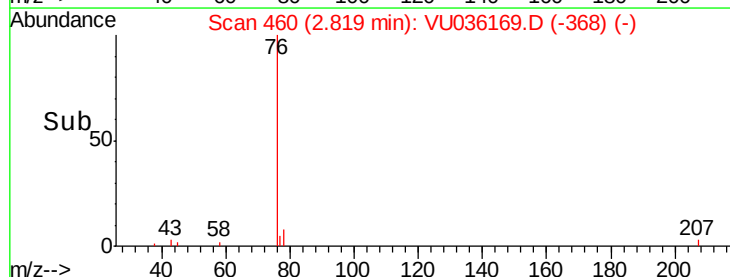
4000

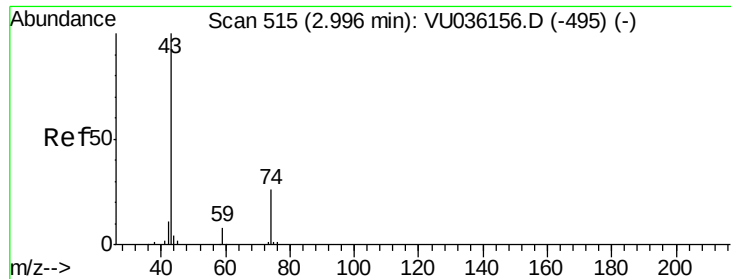
2000

0

Time-->

2.75 2.80 2.85

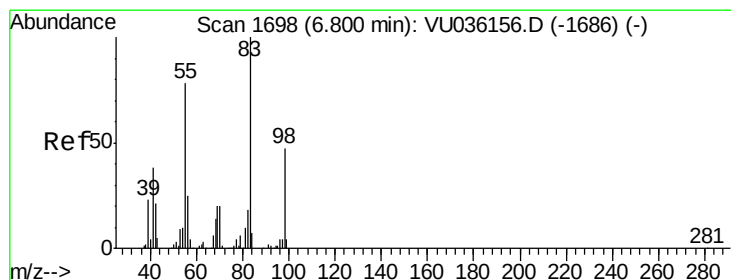
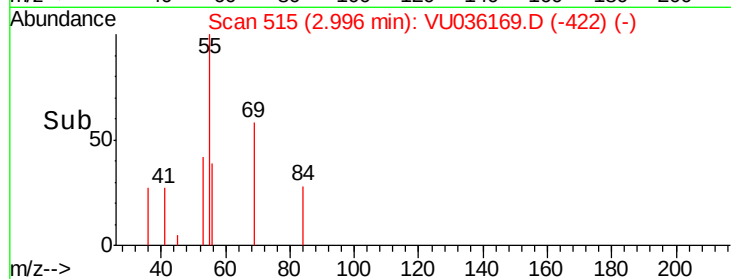
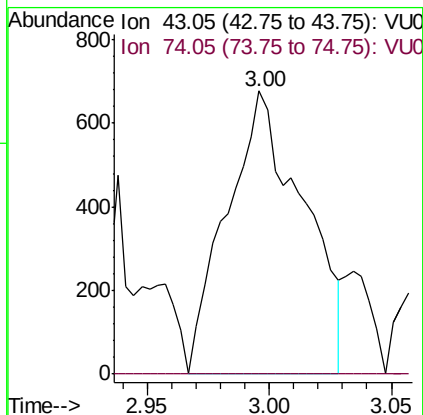
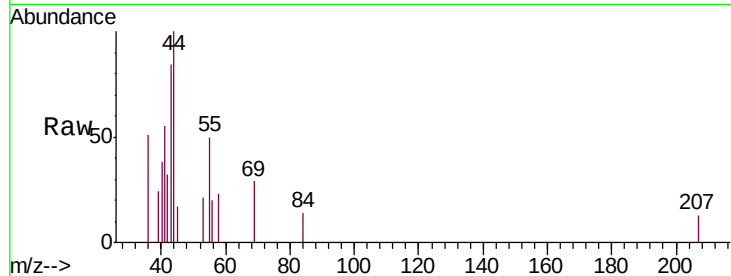




#15
Methyl Acetate
Concen: 0.190 ug/L
RT: 3.00 min Scan# 515
Delta R.T. -0.00 min
Lab File: VU036169.D
Acq: 12 Dec 2019 23:37

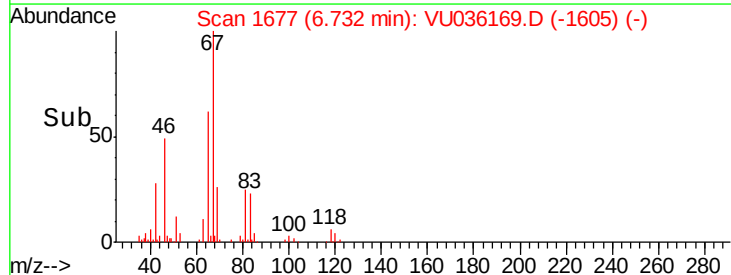
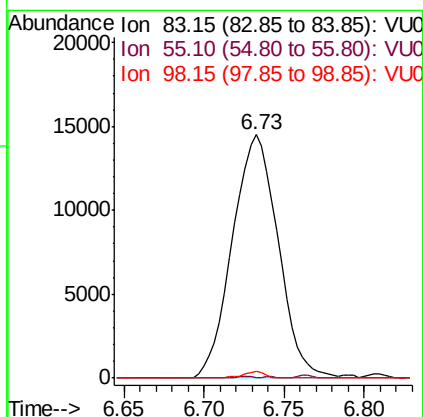
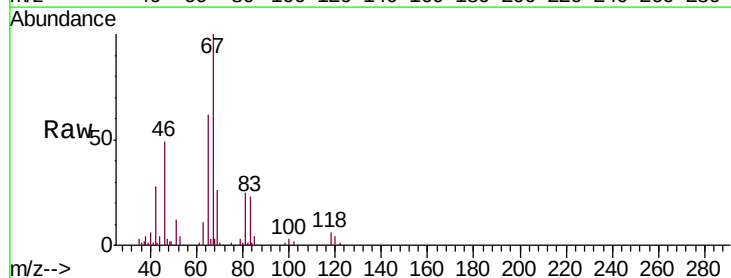
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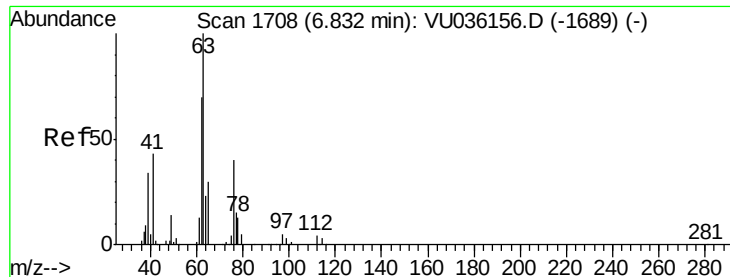
Tgt Ion: 43 Resp: 1475
Ion Ratio Lower Upper
43 100
74 0.0 20.6 30.8#



#35
Methylcyclohexane
Concen: 0.889 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.07 min
Lab File: VU036169.D
Acq: 12 Dec 2019 23:37

Tgt Ion: 83 Resp: 28324
Ion Ratio Lower Upper
83 100
55 0.2 61.9 92.9#
98 1.3 35.8 53.6#

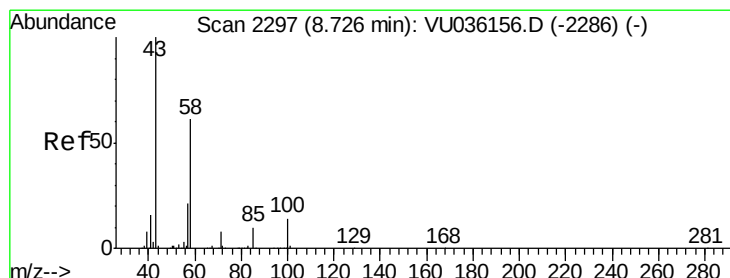
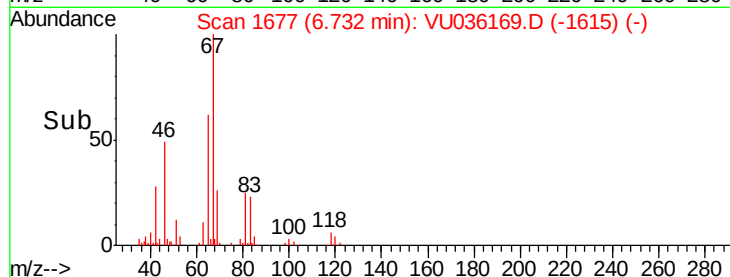
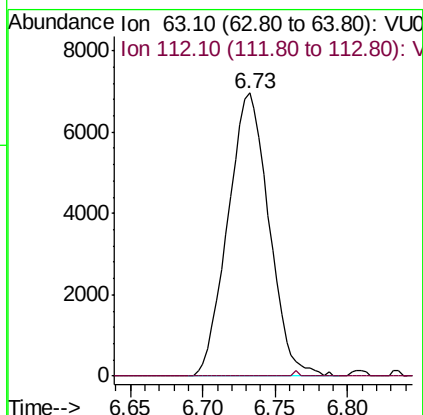
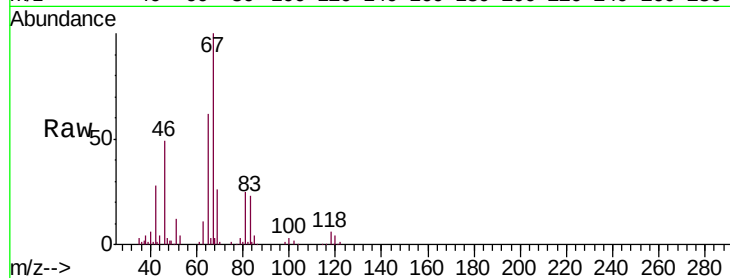




#37
 1,2-Dichloropropane
 Concen: 0.607 ug/L
 RT: 6.73 min Scan# 1677
 Delta R.T. -0.10 min
 Lab File: VU036169.D
 Acq: 12 Dec 2019 23:37

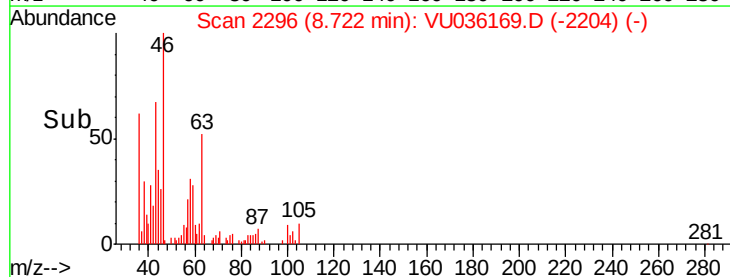
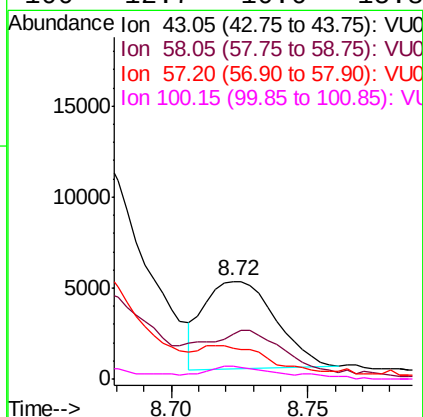
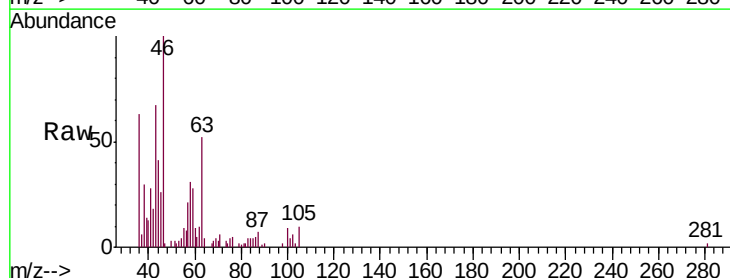
Instrument :
 MSVOA_U
 ClientSampleId :
 BFDQ9

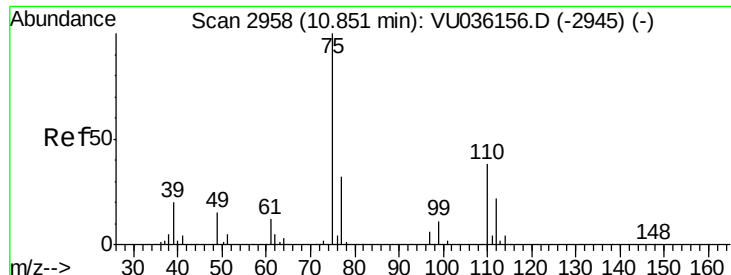
Tgt Ion: 63 Resp: 13694
 Ion Ratio Lower Upper
 63 100
 112 0.2 3.6 5.4#



#48
 2-Hexanone
 Concen: 1.041 ug/L
 RT: 8.72 min Scan# 2296
 Delta R.T. -0.00 min
 Lab File: VU036169.D
 Acq: 12 Dec 2019 23:37

Tgt Ion: 43 Resp: 8693
 Ion Ratio Lower Upper
 43 100
 58 55.2 48.6 72.8
 57 34.7 16.7 25.1#
 100 12.7 10.6 15.8





#59

1,2,3-Trichloropropane

Concen: 0.794 ug/L

RT: 11.83 min Scan# 3264

Delta R.T. 0.98 min

Lab File: VU036169.D

Acq: 12 Dec 2019 23:37

Instrument :

MSVOA_U

ClientSampleId :

BFDQ9

Tgt Ion: 75 Resp: 11810

Ion Ratio Lower Upper

75 100

77 37.7 26.6 39.8

