

Data File : VU036161.D
Acq On : 12 Dec 2019 20:23
Operator : JC/MD
Sample : K6273-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFDQ1

Quant Time: Dec 13 02:46:13 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	6.30	114	231613	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	256251	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	98748	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	143622	6.12	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	122.40%
7) Chloroethane-d5	1.93	69	123792	6.00	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	120.00%
11) 1,1-Dichloroethene-d2	2.59	63	188794	6.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	121.80%
20) 2-Butanone-d5	4.77	46	230420	61.10	ug/L	0.07
Spiked Amount	50.000	Range	40 - 130	Recovery	=	122.20%
24) Chloroform-d	5.12	84	199928	5.86	ug/L	0.01
Spiked Amount	5.000	Range	70 - 125	Recovery	=	117.20%
26) 1,2-Dichloroethane-d4	5.76	65	105532	6.11	ug/L	0.01
Spiked Amount	5.000	Range	70 - 130	Recovery	=	122.20%
32) Benzene-d6	5.78	84	349617	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.20%
36) 1,2-Dichloropropane-d6	6.74	67	118108	5.54	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.80%
41) Toluene-d8	7.94	98	289016	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.40%
43) trans-1,3-Dichloropropene-	8.21	79	44555	5.00	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.00%
46) 2-Hexanone-d5	8.68	63	180254	55.03	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.06%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	108950	5.73	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	114.60%
64) 1,2-Dichlorobenzene-d4	12.21	152	107066	5.71	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.20%

Target Compounds

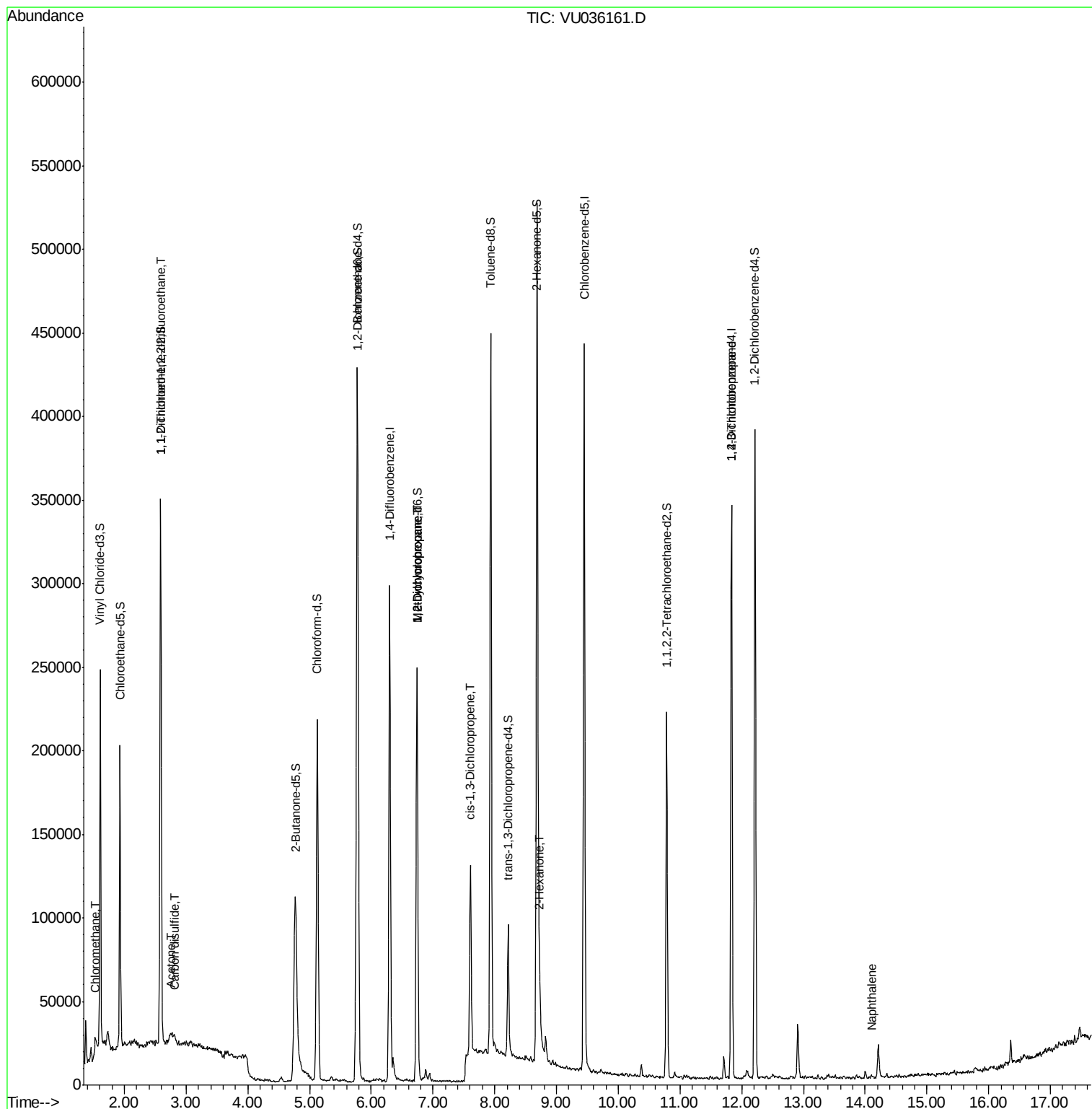
					Qvalue
3) Chloromethane	1.53	50	4109	0.124 ug/L	85
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	2484	0.133 ug/L #	20
13) Acetone	2.75	43	5898	1.798 ug/L	64
14) Carbon disulfide	2.81	76	4339	0.075 ug/L #	46
35) Methylcyclohexane	6.74	83	27976	0.974 ug/L #	19
37) 1,2-Dichloropropane	6.74	63	13471	0.662 ug/L #	87
39) cis-1,3-Dichloropropene	7.61	75	3056	0.114 ug/L #	37
48) 2-Hexanone	8.73	43	8831	1.173 ug/L #	92
59) 1,2,3-Trichloropropane	11.84	75	10069	0.751 ug/L #	76
69) Naphthalene	14.10	128	1773	0.156 ug/L #	85

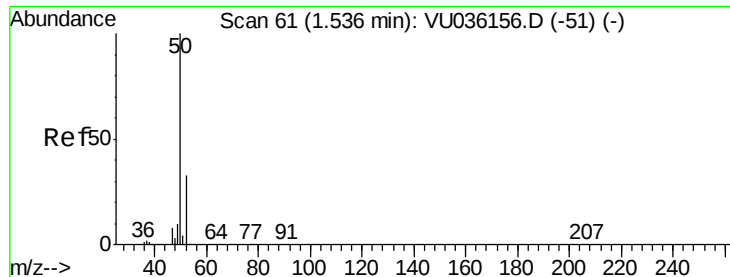
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.124 ug/L

RT: 1.53 min Scan# 60

Delta R.T. -0.00 min

Lab File: VU036161.D

Acq: 12 Dec 2019 20:23

Instrument :

MSVOA_U

ClientSampleId :

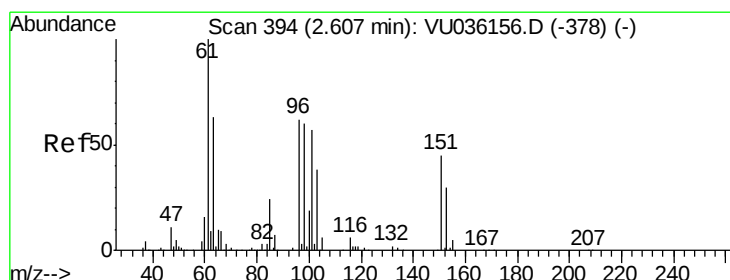
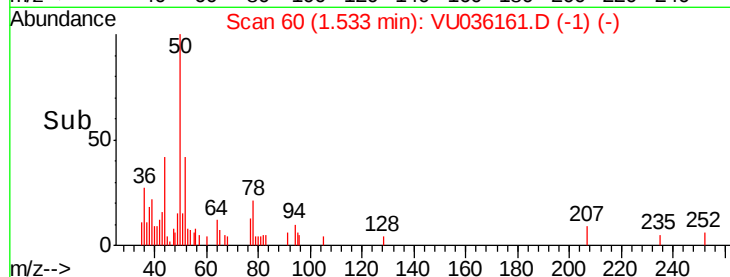
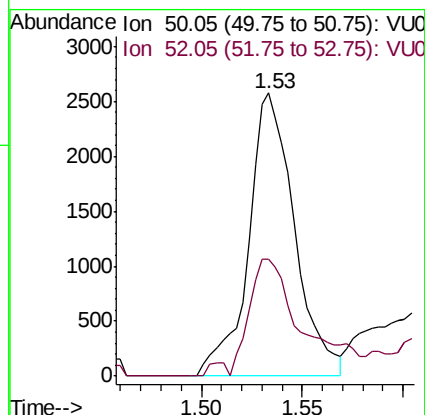
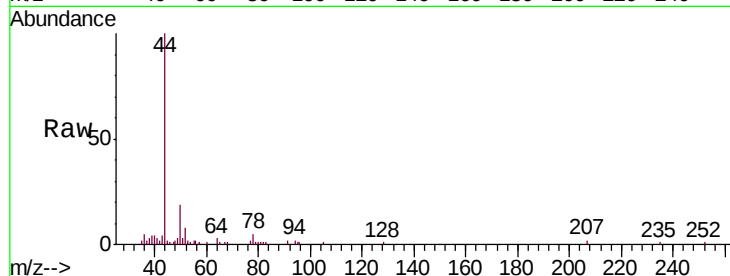
BFDQ1

Tgt Ion: 50 Resp: 4109

Ion Ratio Lower Upper

50 100

52 41.5 23.0 42.8



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.133 ug/L

RT: 2.59 min Scan# 388

Delta R.T. -0.02 min

Lab File: VU036161.D

Acq: 12 Dec 2019 20:23

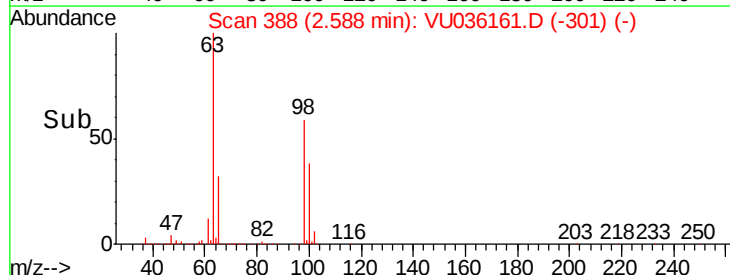
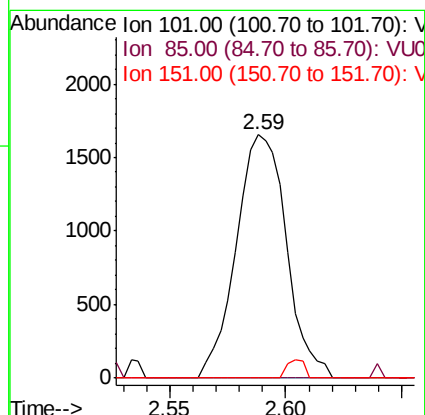
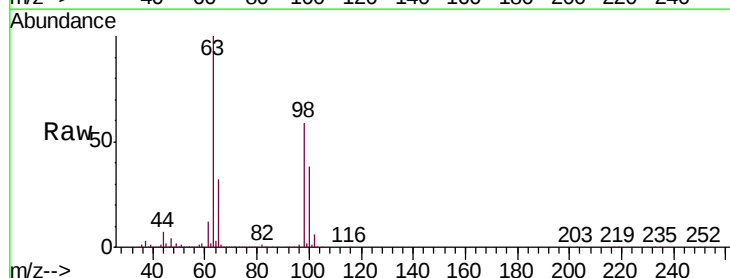
Tgt Ion: 101 Resp: 2484

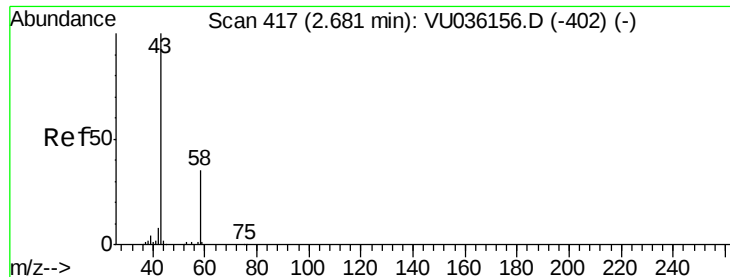
Ion Ratio Lower Upper

101 100

85 0.8 34.2 51.4#

151 2.7 63.4 95.0#





#13

Acetone

Concen: 1.798 ug/L

RT: 2.75 min Scan# 438

Delta R.T. 0.07 min

Lab File: VU036161.D

Acq: 12 Dec 2019 20:23

Instrument :

MSVOA_U

ClientSampled :

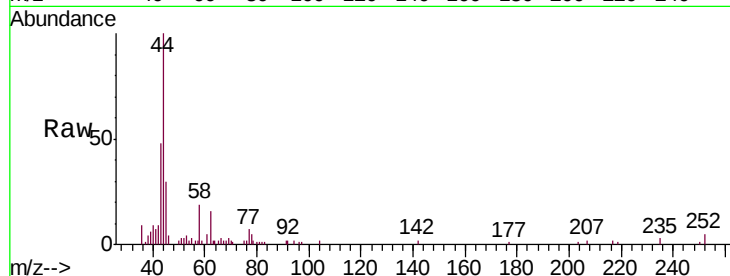
BFDQ1

Tgt Ion: 43 Resp: 5898

Ion Ratio Lower Upper

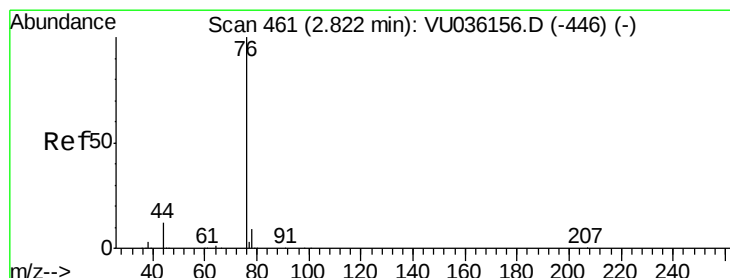
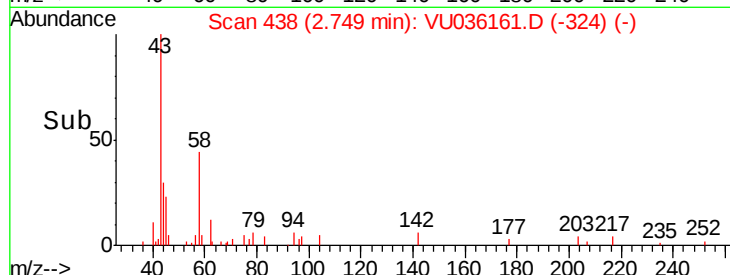
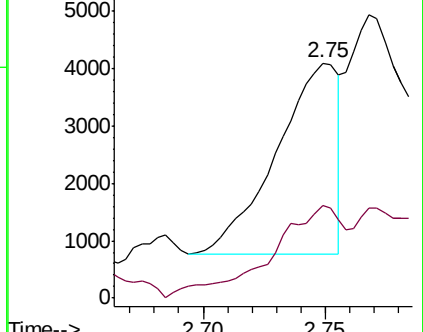
43 100

58 56.0 0.0 70.0



Abundance Ion 43.05 (42.75 to 43.75): VU036161.D (-324) (-)

Ion 58.05 (57.75 to 58.75): VU036161.D (-324) (-)



#14

Carbon disulfide

Concen: 0.075 ug/L

RT: 2.81 min Scan# 458

Delta R.T. -0.01 min

Lab File: VU036161.D

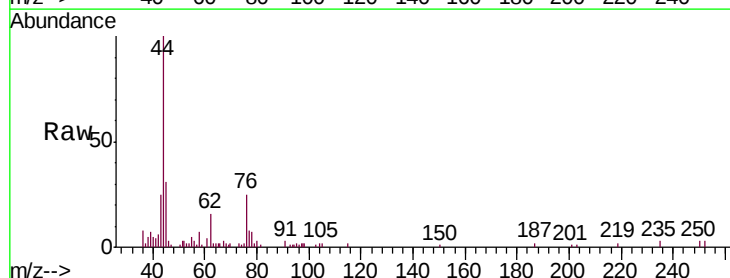
Acq: 12 Dec 2019 20:23

Tgt Ion: 76 Resp: 4339

Ion Ratio Lower Upper

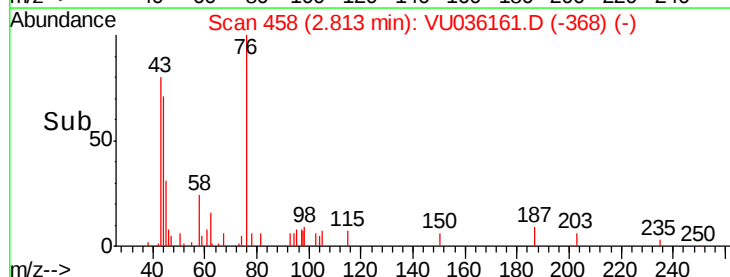
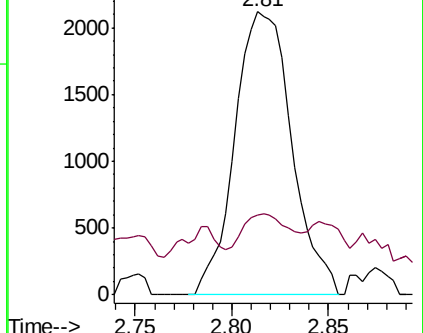
76 100

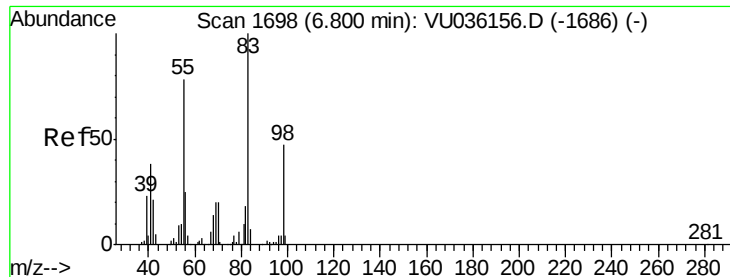
78 28.4 7.2 10.8#



Abundance Ion 76.05 (75.75 to 76.75): VU036161.D (-368) (-)

Ion 78.00 (77.70 to 78.70): VU036161.D (-368) (-)





#35

Methylcyclohexane

Concen: 0.974 ug/L

RT: 6.74 min Scan# 1679

Delta R.T. -0.06 min

Lab File: VU036161.D

Acq: 12 Dec 2019 20:23

Instrument :

MSVOA_U

ClientSampleId :

BFDQ1

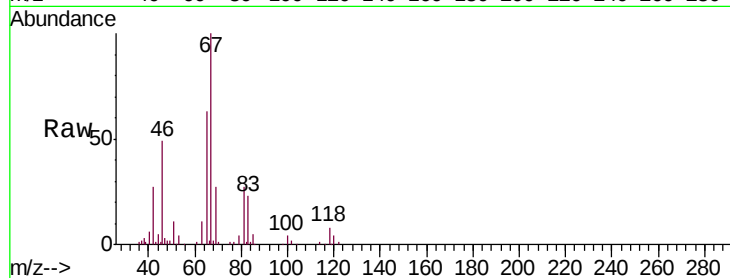
Tgt Ion: 83 Resp: 27976

Ion Ratio Lower Upper

83 100

55 0.3 61.9 92.9#

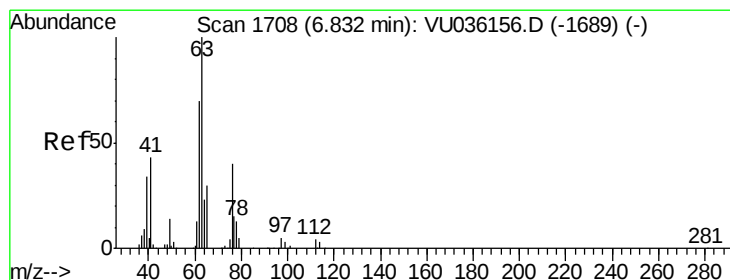
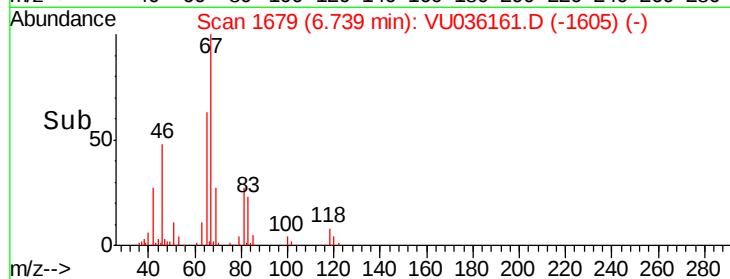
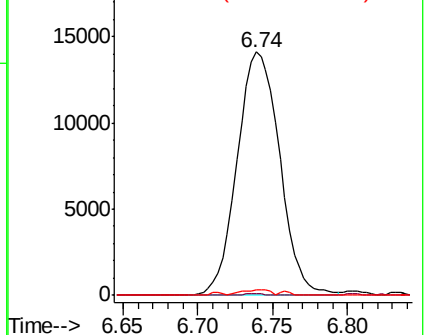
98 1.5 35.8 53.6#



Abundance Ion 83.15 (82.85 to 83.85): VU036161.D (-1679) (-)

Ion 55.10 (54.80 to 55.80): VU036161.D (-1679) (-)

Ion 98.15 (97.85 to 98.85): VU036161.D (-1679) (-)



#37

1,2-Dichloropropane

Concen: 0.662 ug/L

RT: 6.74 min Scan# 1680

Delta R.T. -0.09 min

Lab File: VU036161.D

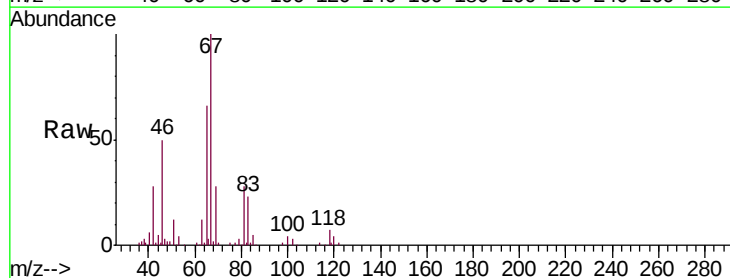
Acq: 12 Dec 2019 20:23

Tgt Ion: 63 Resp: 13471

Ion Ratio Lower Upper

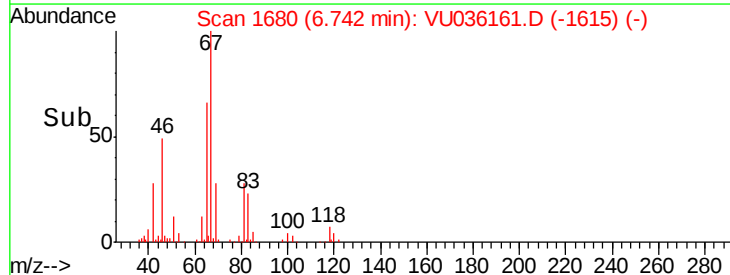
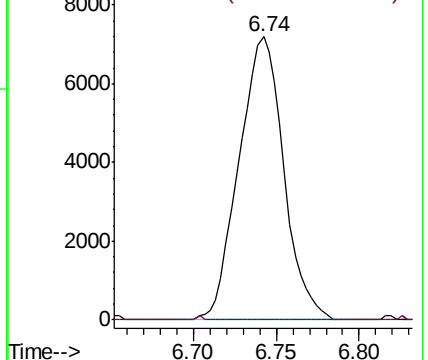
63 100

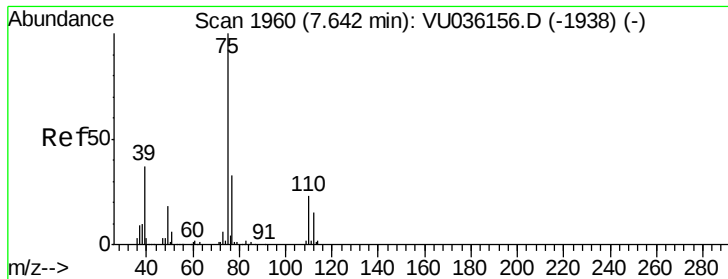
112 0.2 3.6 5.4#



Abundance Ion 63.10 (62.80 to 63.80): VU036161.D (-1680) (-)

Ion 112.10 (111.80 to 112.80): VU036161.D (-1680) (-)

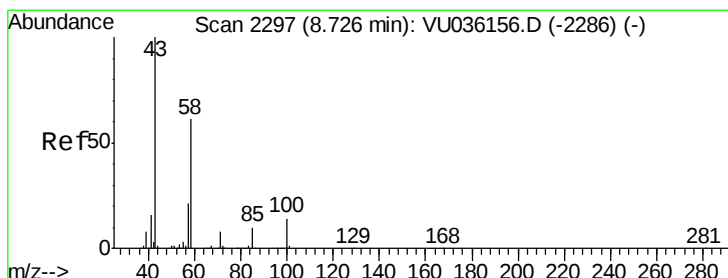
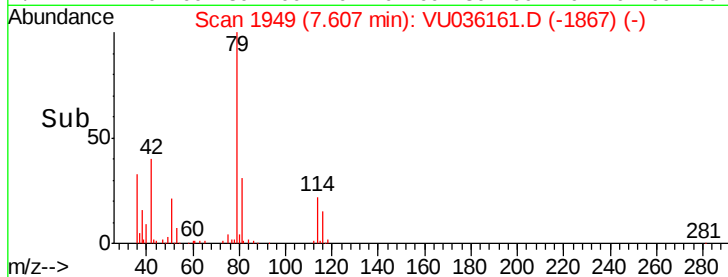
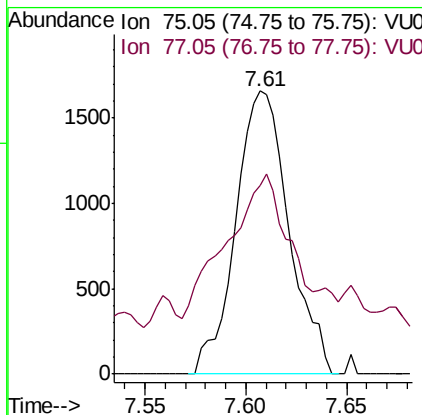
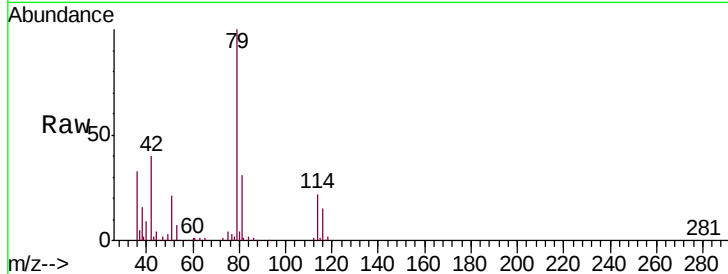




#39
 cis-1,3-Dichloropropene
 Concen: 0.114 ug/L
 RT: 7.61 min Scan# 1949
 Delta R.T. -0.04 min
 Lab File: VU036161.D
 Acq: 12 Dec 2019 20:23

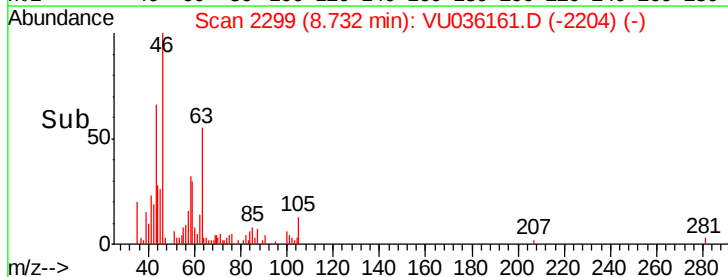
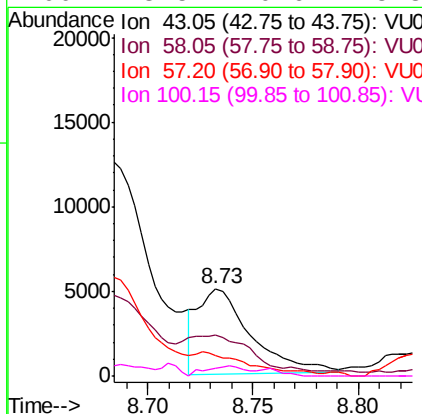
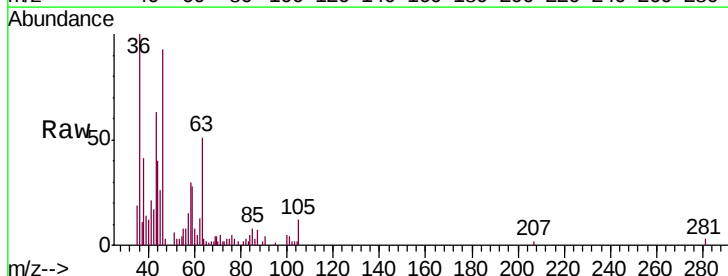
Instrument :
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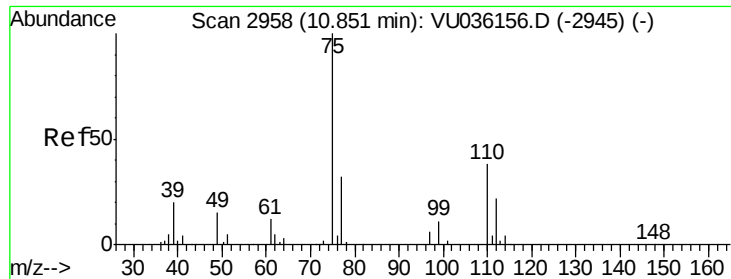
Tgt Ion: 75 Resp: 3056
 Ion Ratio Lower Upper
 75 100
 77 66.7 22.3 41.5#



#48
 2-Hexanone
 Concen: 1.173 ug/L
 RT: 8.73 min Scan# 2299
 Delta R.T. 0.01 min
 Lab File: VU036161.D
 Acq: 12 Dec 2019 20:23

Tgt Ion: 43 Resp: 8831
 Ion Ratio Lower Upper
 43 100
 58 54.8 48.6 72.8
 57 24.5 16.7 25.1
 100 8.5 10.6 15.8#

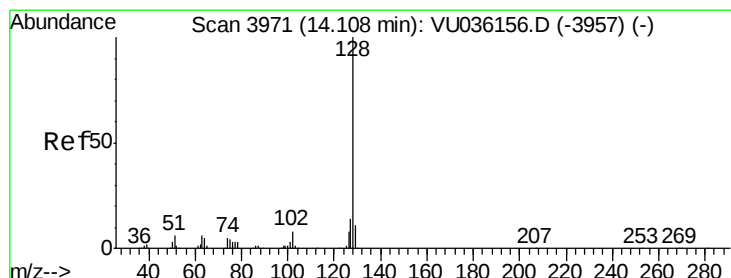
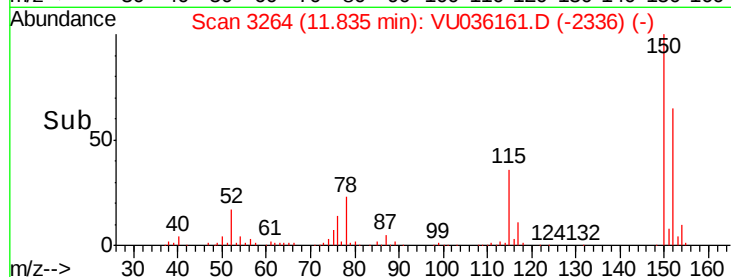
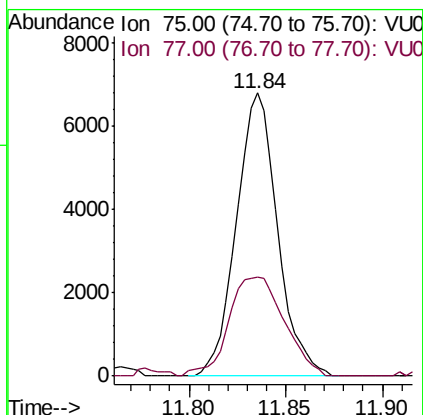
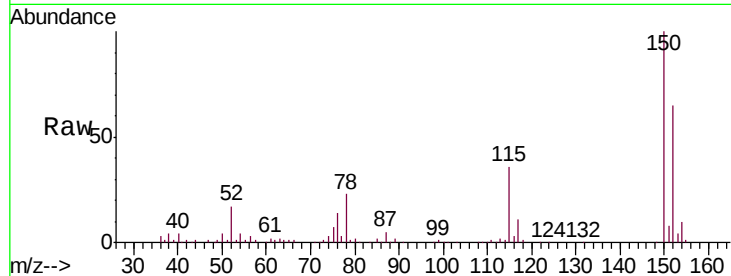




#59
 1,2,3-Trichloropropane
 Concen: 0.751 ug/L
 RT: 11.84 min Scan# 3264
 Delta R.T. 0.98 min
 Lab File: VU036161.D
 Acq: 12 Dec 2019 20:23

Instrument :
 MSVOA_U
 ClientSampleId :
 BFDQ1

Tgt Ion: 75 Resp: 10069
 Ion Ratio Lower Upper
 75 100
 77 47.0 26.6 39.8#



#69
 Naphthalene
 Concen: 0.156 ug/L
 RT: 14.10 min Scan# 3968
 Delta R.T. -0.01 min
 Lab File: VU036161.D
 Acq: 12 Dec 2019 20:23

Tgt Ion: 128 Resp: 1773
 Ion Ratio Lower Upper
 128 100
 129 1.2 8.8 13.2#
 127 11.4 11.3 16.9

