

Data File : VU036009.D
Acq On : 05 Dec 2019 21:32
Operator : JC/SP
Sample : K6132-17
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFQR6

Quant Time: Dec 06 01:03:58 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Dec 06 00:57:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	270497	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	298645	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	109907	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	116778	3.79	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.80%
7) Chloroethane-d5	1.93	69	103028	4.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.40%
11) 1,1-Dichloroethene-d2	2.59	63	138220	3.12	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.40%
20) 2-Butanone-d5	4.70	46	290510	53.20	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.40%
24) Chloroform-d	5.11	84	197730	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.40%
26) 1,2-Dichloroethane-d4	5.75	65	107671	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.00%
32) Benzene-d6	5.77	84	379134	4.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.80%
36) 1,2-Dichloropropane-d6	6.73	67	122462	4.28	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.60%
41) Toluene-d8	7.93	98	303947	3.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.60%
43) trans-1,3-Dichloropropene-	8.21	79	45247	3.91	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.20%
46) 2-Hexanone-d5	8.68	63	231141	50.81	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.62%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	115231	4.79	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.80%
64) 1,2-Dichlorobenzene-d4	12.22	152	115034	5.07	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.40%

Target Compounds

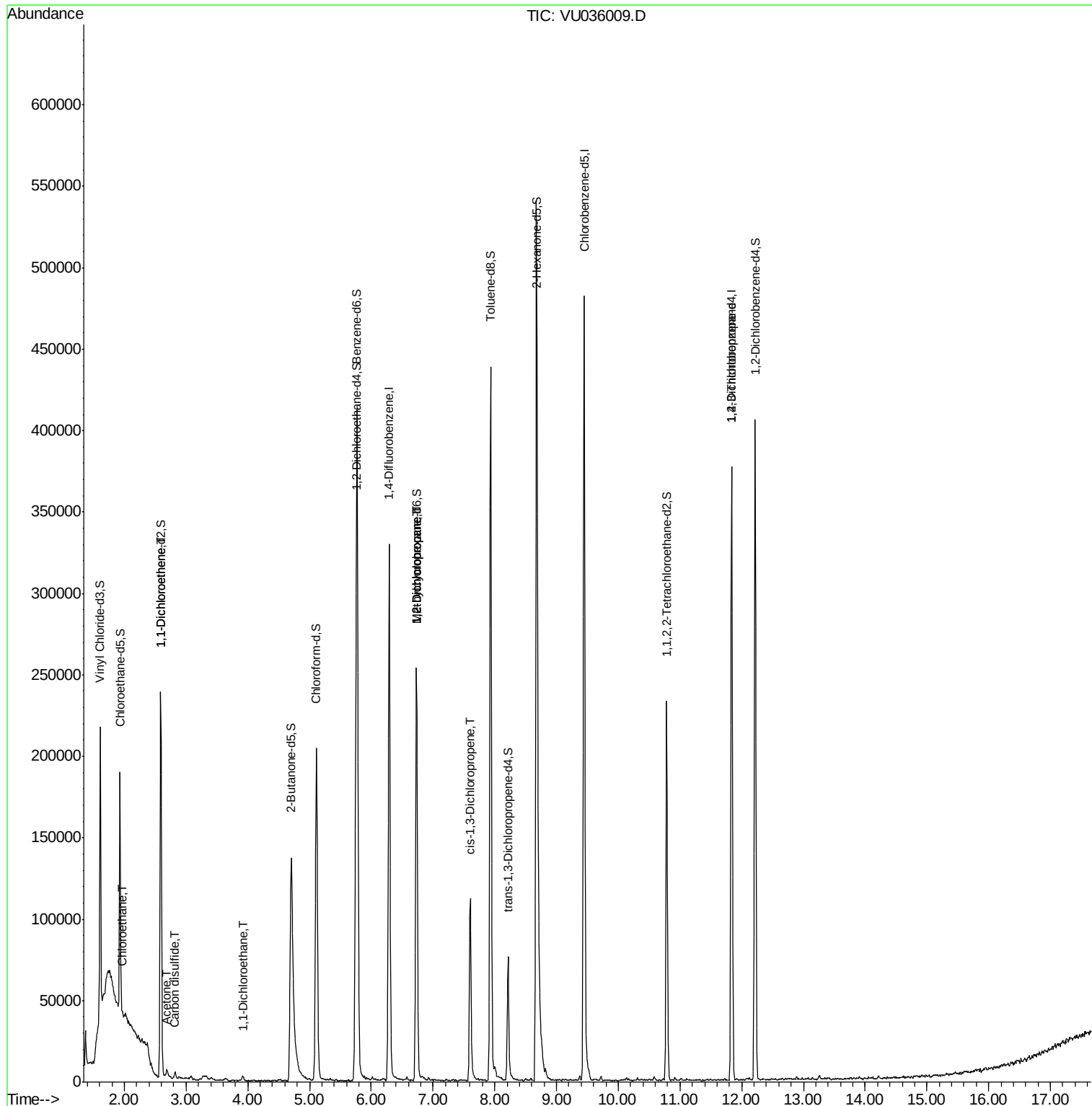
					Qvalue
8) Chloroethane	1.97	64	1703	0.085 ug/L #	51
12) 1,1-Dichloroethene	2.59	96	1252	0.065 ug/L #	1
13) Acetone	2.69	43	8756	1.774 ug/L	81
14) Carbon disulfide	2.82	76	6569	0.097 ug/L	100
19) 1,1-Dichloroethane	3.92	63	3306	0.082 ug/L	93
35) Methylcyclohexane	6.73	83	29376	0.825 ug/L #	17
37) 1,2-Dichloropropane	6.73	63	13211	0.520 ug/L #	89
39) cis-1,3-Dichloropropene	7.61	75	3436	0.102 ug/L #	67
59) 1,2,3-Trichloropropane	11.84	75	12540	0.759 ug/L	90

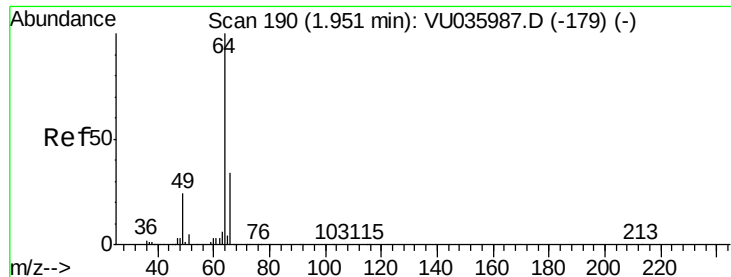
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 0.085 ug/L

RT: 1.97 min Scan# 196

Delta R.T. 0.02 min

Lab File: VU036009.D

Acq: 05 Dec 2019 21:32

Instrument :

MSVOA_U

ClientSampleId :

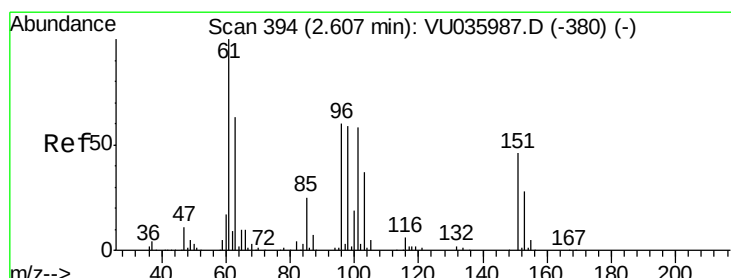
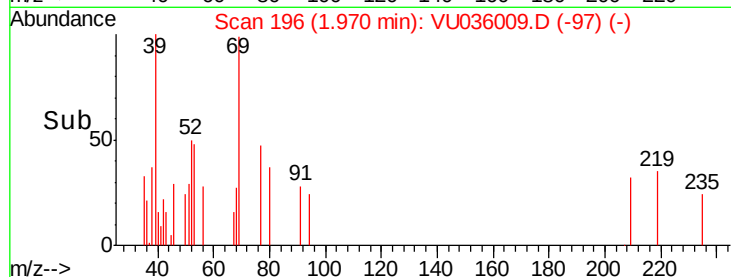
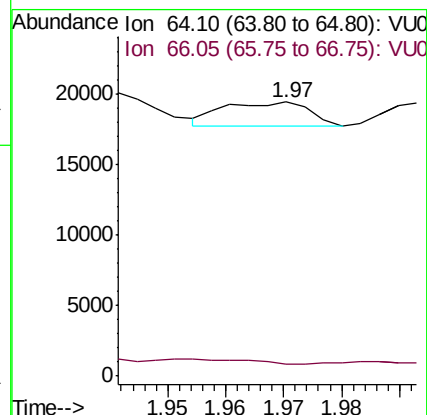
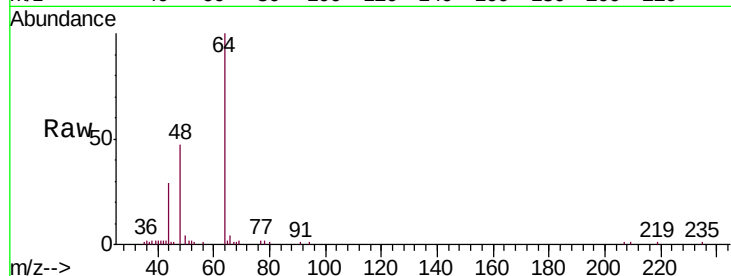
BFQR6

Tgt Ion: 64 Resp: 1703

Ion Ratio Lower Upper

64 100

66 4.5 22.0 40.8#



#12

1,1-Dichloroethene

Concen: 0.065 ug/L

RT: 2.59 min Scan# 389

Delta R.T. -0.02 min

Lab File: VU036009.D

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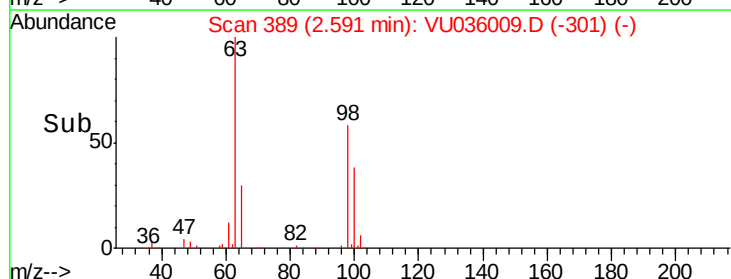
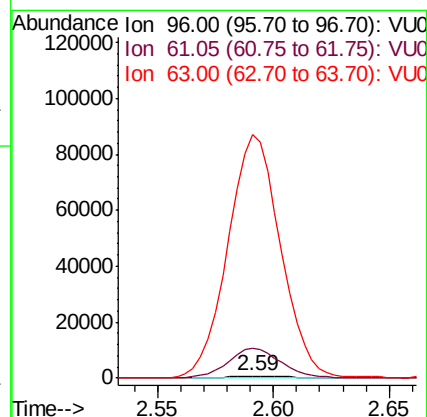
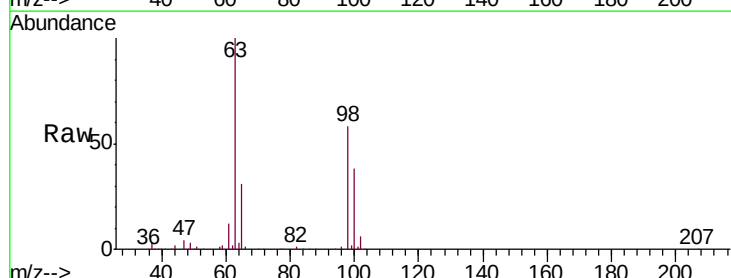
Tgt Ion: 96 Resp: 1252

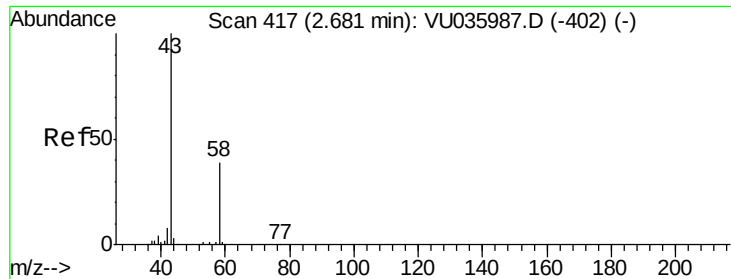
Ion Ratio Lower Upper

96 100

61 1465.3 127.1 236.1#

63 11876.7 86.0 159.8#





#13

Acetone

Concen: 1.774 ug/L

RT: 2.69 min Scan# 419

Delta R.T. 0.01 min

Lab File: VU036009.D

Acq: 05 Dec 2019 21:32

Instrument :

MSVOA_U

ClientSampleId :

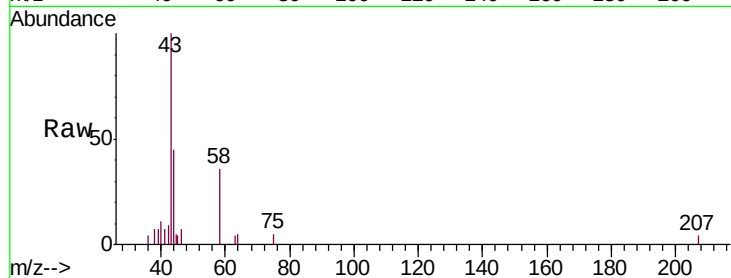
BFQR6

Tgt Ion: 43 Resp: 8756

Ion Ratio Lower Upper

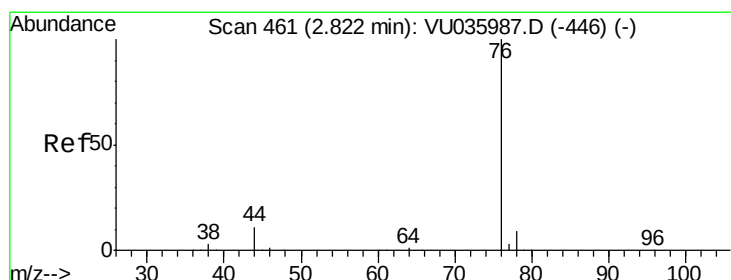
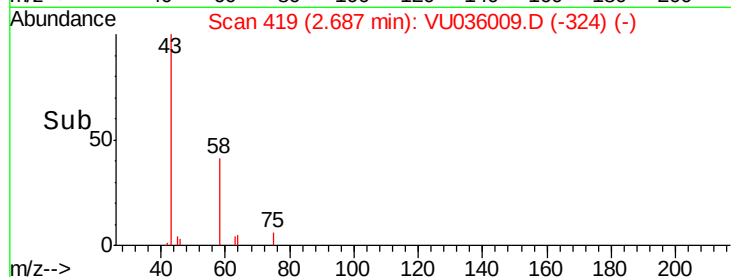
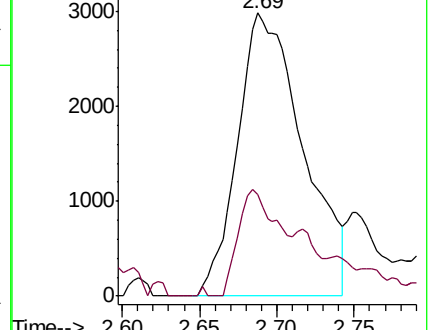
43 100

58 23.4 0.0 68.6



Abundance Ion 43.05 (42.75 to 43.75): VU035987.D (-402) (-)

Ion 58.05 (57.75 to 58.75): VU035987.D (-402) (-)



#14

Carbon disulfide

Concen: 0.097 ug/L

RT: 2.82 min Scan# 461

Delta R.T. 0.00 min

Lab File: VU036009.D

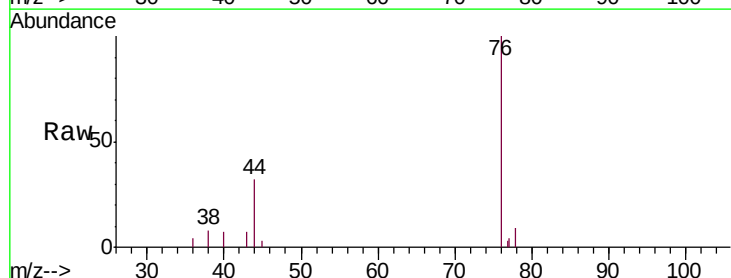
Acq: 05 Dec 2019 21:32

Tgt Ion: 76 Resp: 6569

Ion Ratio Lower Upper

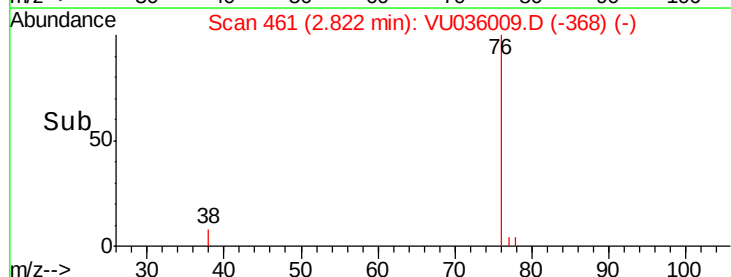
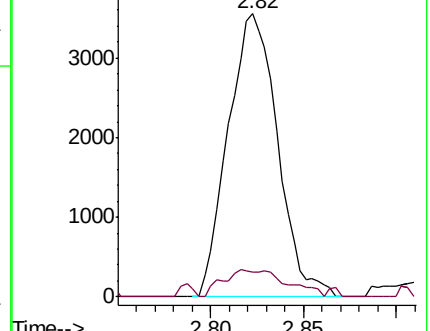
76 100

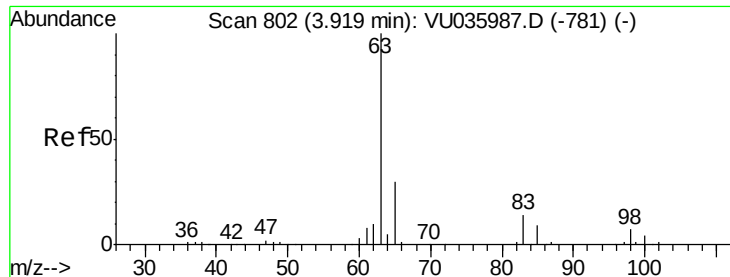
78 8.7 6.9 10.3



Abundance Ion 76.05 (75.75 to 76.75): VU035987.D (-446) (-)

Ion 78.00 (77.70 to 78.70): VU035987.D (-446) (-)

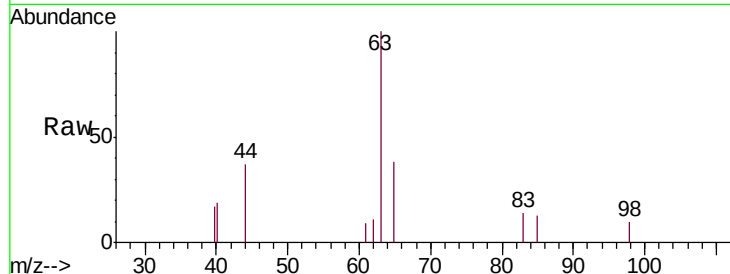




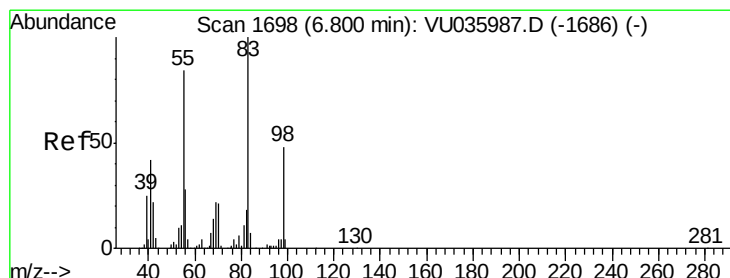
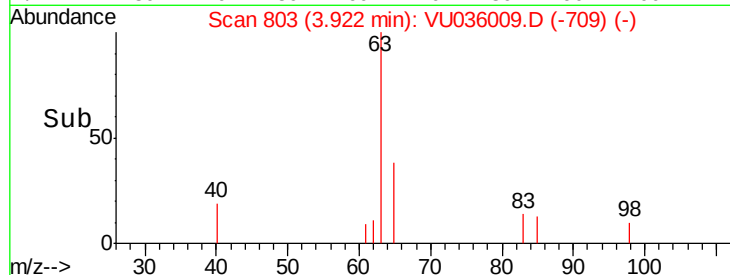
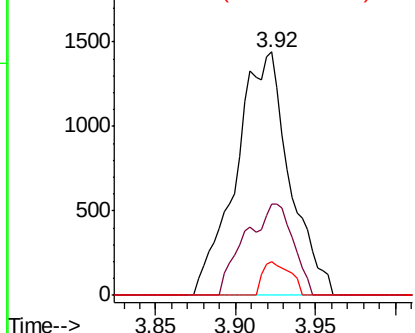
#19
 1,1-Dichloroethane
 Concen: 0.082 ug/L
 RT: 3.92 min Scan# 803
 Delta R.T. 0.00 min
 Lab File: VU036009.D
 Acq: 05 Dec 2019 21:32

Instrument :
 MSVOA_U
 ClientSampleId :
 BFQR6

Tgt Ion:	63	Resp:	3306
Ion	Ratio	Lower	Upper
63	100		
65	37.5	22.4	41.6
83	13.9	9.8	18.2

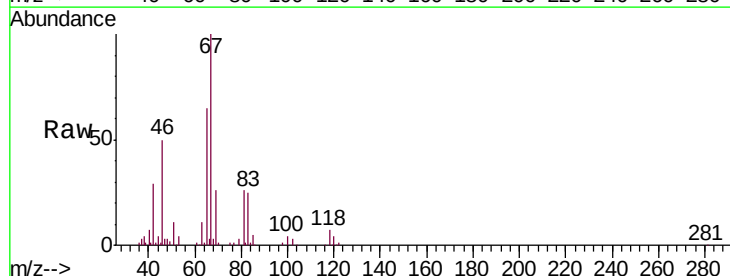


Abundance Ion 63.10 (62.80 to 63.80): VU0
 Ion 65.10 (64.80 to 65.80): VU0
 Ion 83.05 (82.75 to 83.75): VU0

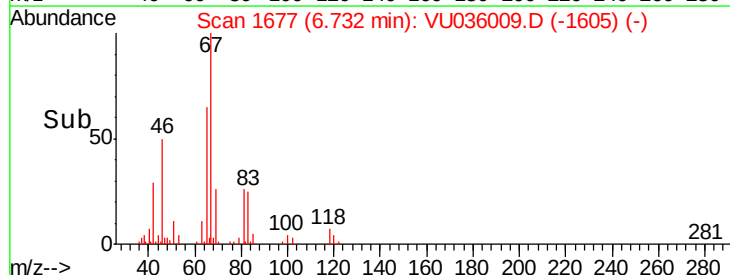
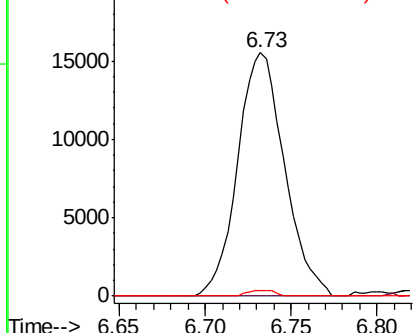


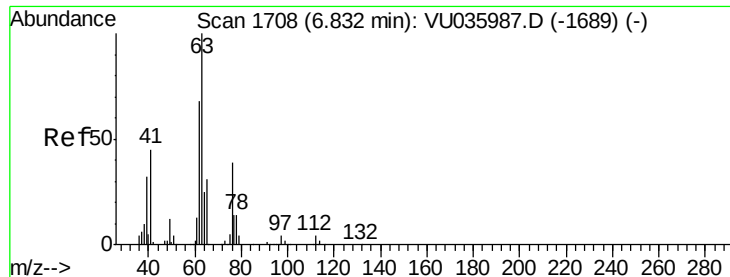
#35
 Methylcyclohexane
 Concen: 0.825 ug/L
 RT: 6.73 min Scan# 1677
 Delta R.T. -0.07 min
 Lab File: VU036009.D
 Acq: 05 Dec 2019 21:32

Tgt Ion:	83	Resp:	29376
Ion	Ratio	Lower	Upper
83	100		
55	0.2	67.4	101.0#
98	1.4	34.6	52.0#



Abundance Ion 83.15 (82.85 to 83.85): VU0
 Ion 55.10 (54.80 to 55.80): VU0
 Ion 98.15 (97.85 to 98.85): VU0

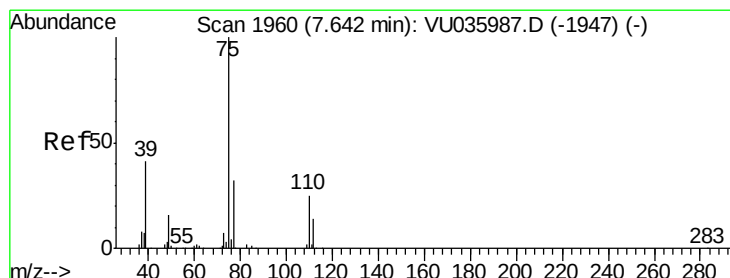
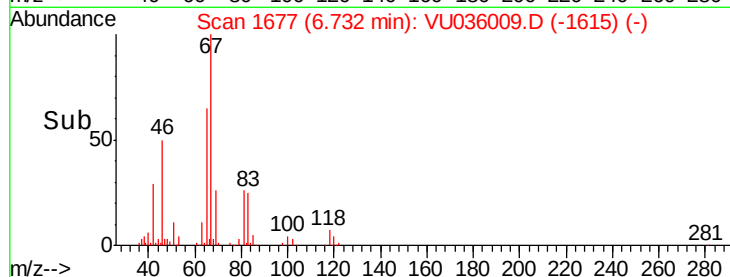
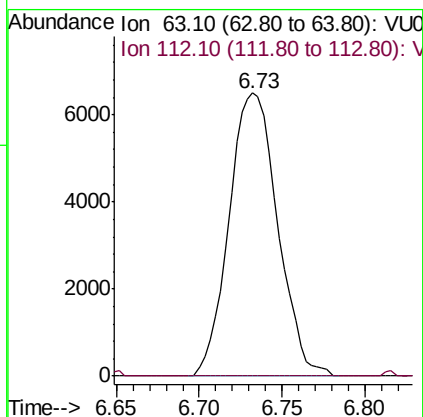
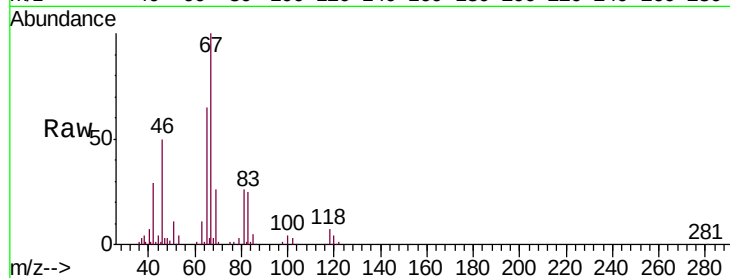




#37
 1,2-Dichloropropane
 Concen: 0.520 ug/L
 RT: 6.73 min Scan# 1677
 Delta R.T. -0.10 min
 Lab File: VU036009.D
 Acq: 05 Dec 2019 21:32

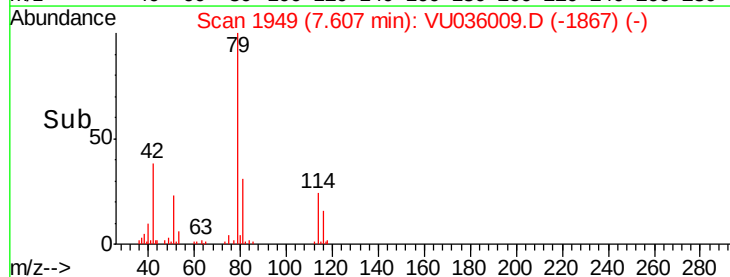
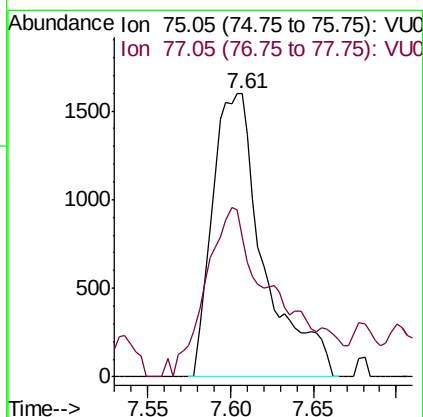
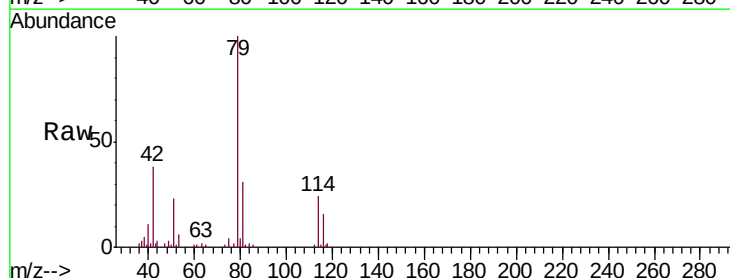
Instrument :
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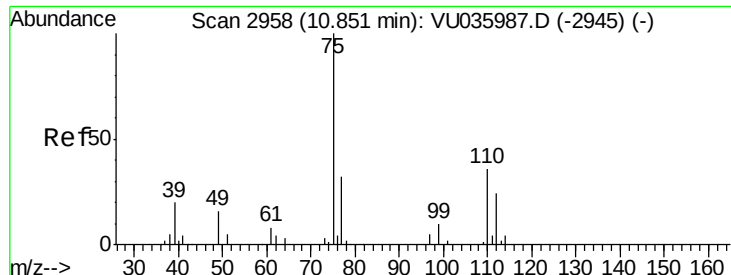
Tgt Ion: 63 Resp: 13211
 Ion Ratio Lower Upper
 63 100
 112 0.3 3.3 4.9#



#39
 cis-1,3-Dichloropropene
 Concen: 0.102 ug/L
 RT: 7.61 min Scan# 1949
 Delta R.T. -0.04 min
 Lab File: VU036009.D
 Acq: 05 Dec 2019 21:32

Tgt Ion: 75 Resp: 3436
 Ion Ratio Lower Upper
 75 100
 77 49.6 21.9 40.7#





#59
 1,2,3-Trichloropropane
 Concen: 0.759 ug/L
 RT: 11.84 min Scan# 3265
 Delta R.T. 0.99 min
 Lab File: VU036009.D
 Acq: 05 Dec 2019 21:32

Instrument :
 MSVOA_U
 ClientSampleId :
 BFQR6

Tgt Ion: 75 Resp: 12540
 Ion Ratio Lower Upper
 75 100
 77 38.6 26.6 39.8

