

Data File : VU035980.D
Acq On : 04 Dec 2019 19:02
Operator : JC/SP
Sample : K6132-05 50X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFQR1

Quant Time: Dec 05 04:00:13 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Dec 05 03:54:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	276082	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	301033	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	90642	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	140641	4.47	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.40%
7) Chloroethane-d5	1.93	69	115240	4.57	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.40%
11) 1,1-Dichloroethene-d2	2.59	63	153190	3.39	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.80%
20) 2-Butanone-d5	4.69	46	259102	46.49	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.98%
24) Chloroform-d	5.11	84	206884	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.80%
26) 1,2-Dichloroethane-d4	5.75	65	111257	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.20%
32) Benzene-d6	5.77	84	401330	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.00%
36) 1,2-Dichloropropane-d6	6.73	67	129834	4.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.00%
41) Toluene-d8	7.93	98	326786	3.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.60%
43) trans-1,3-Dichloropropene-	8.22	79	46383	3.98	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.60%
46) 2-Hexanone-d5	8.68	63	192082	41.89	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.78%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	110563	4.56	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.20%
64) 1,2-Dichlorobenzene-d4	12.22	152	99734	5.33	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.60%

Target Compounds

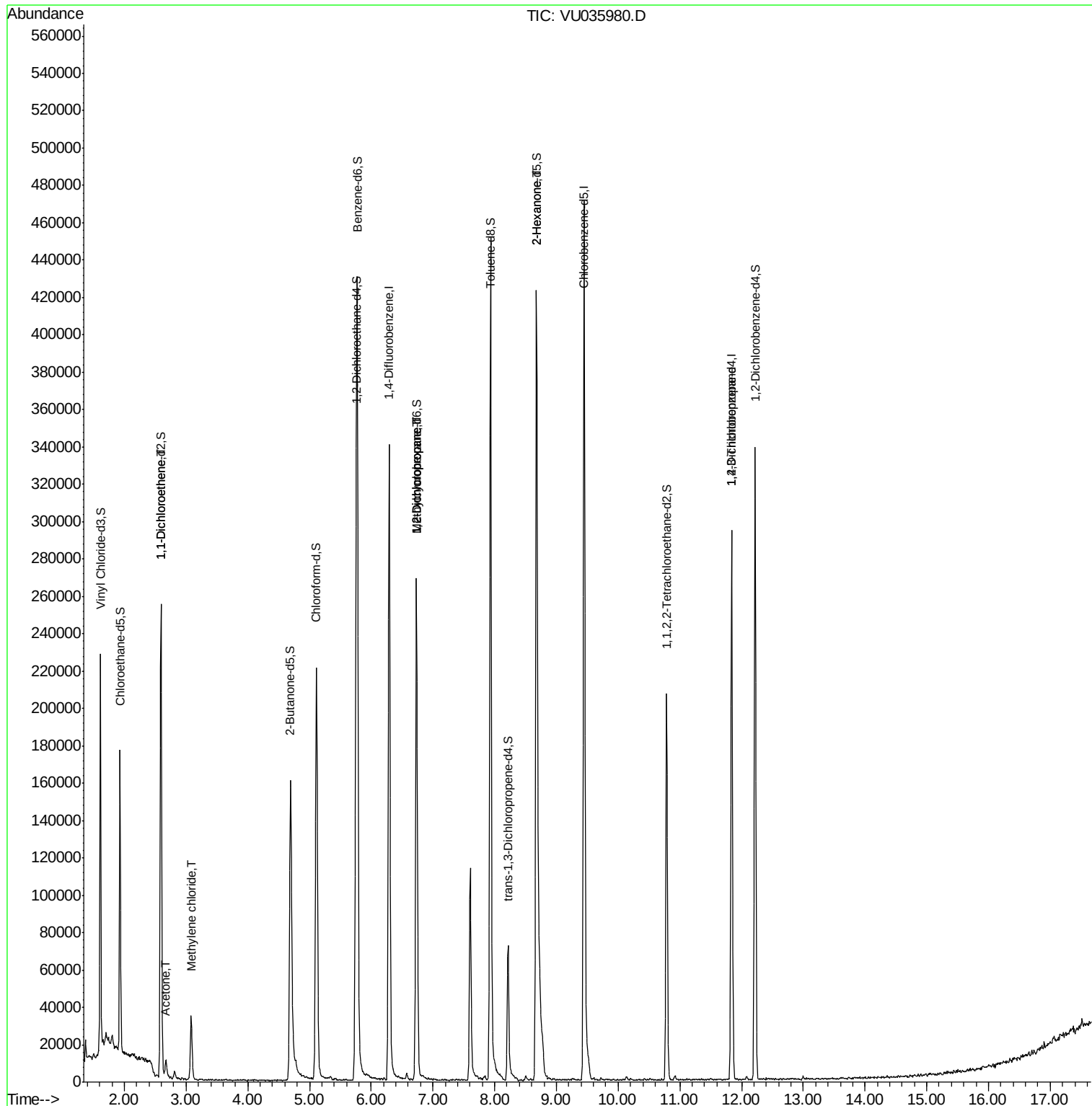
					Qvalue
12) 1,1-Dichloroethene	2.59	96	1243	0.063 ug/L #	1
13) Acetone	2.67	43	10574	2.099 ug/L	99
16) Methylene chloride	3.09	84	17715	0.578 ug/L	93
35) Methylcyclohexane	6.74	83	29964	0.835 ug/L #	17
37) 1,2-Dichloropropane	6.73	63	13891	0.542 ug/L #	88
48) 2-Hexanone	8.68	43	19973	1.795 ug/L #	67
59) 1,2,3-Trichloropropane	11.84	75	10619	0.637 ug/L	92

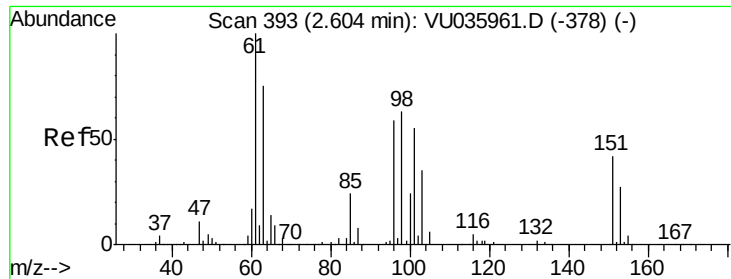
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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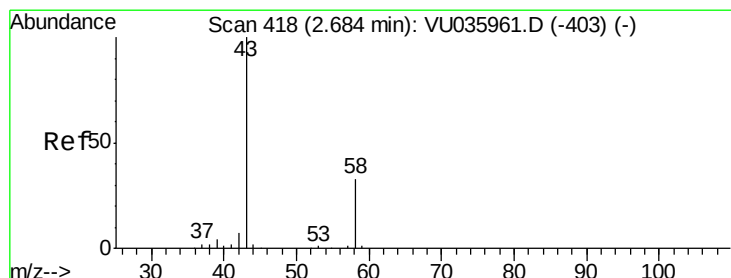
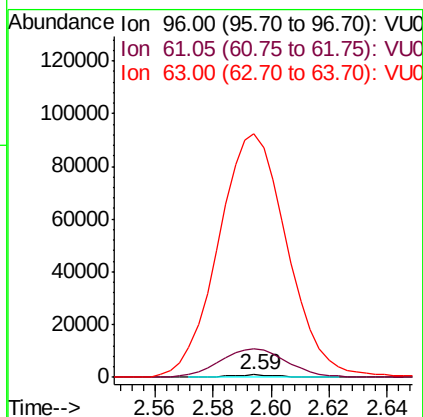
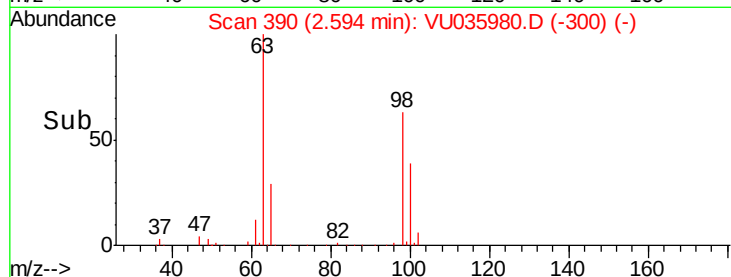
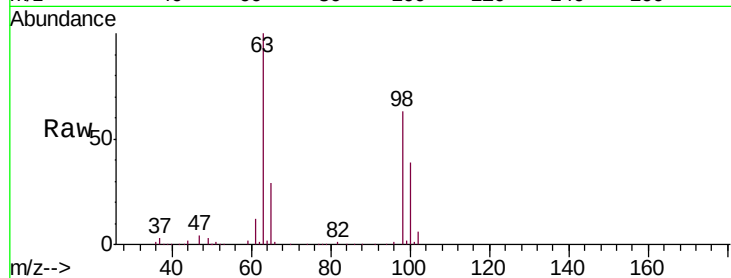




#12
 1,1-Dichloroethene
 Concen: 0.063 ug/L
 RT: 2.59 min Scan# 390
 Delta R.T. -0.01 min
 Lab File: VU035980.D
 Acq: 04 Dec 2019 19:02

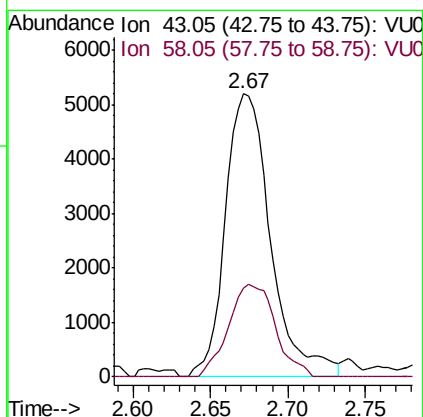
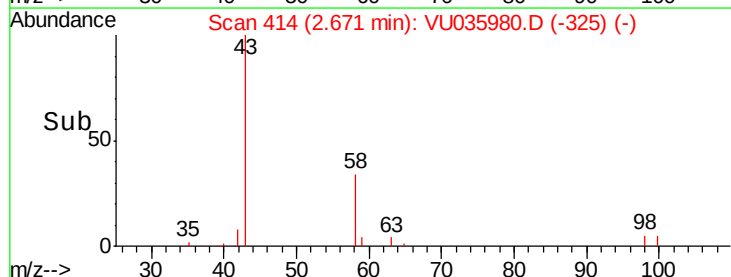
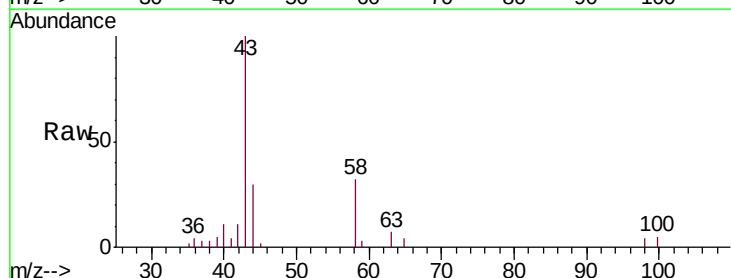
Instrument :
 MSVOA_U
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 BFQR1

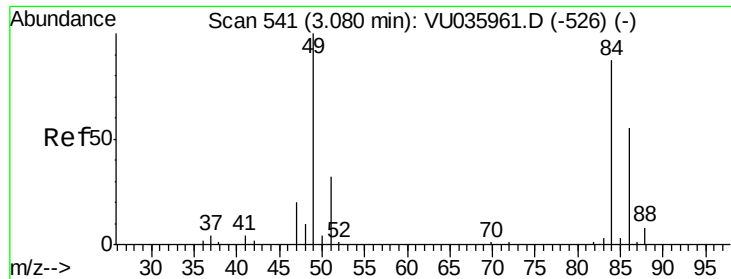
Tgt Ion: 96 Resp: 1243
 Ion Ratio Lower Upper
 96 100
 61 1121.1 127.1 236.1#
 63 9430.8 86.0 159.8#



#13
 Acetone
 Concen: 2.099 ug/L
 RT: 2.67 min Scan# 414
 Delta R.T. -0.01 min
 Lab File: VU035980.D
 Acq: 04 Dec 2019 19:02

Tgt Ion: 43 Resp: 10574
 Ion Ratio Lower Upper
 43 100
 58 33.9 0.0 68.6

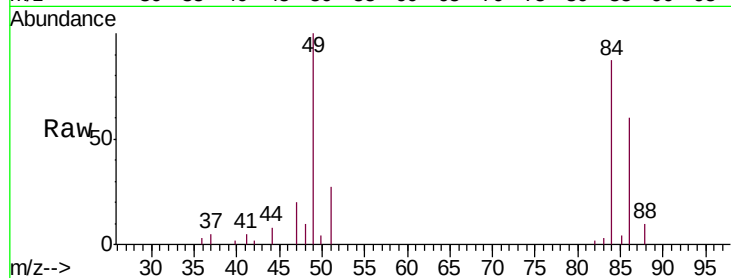




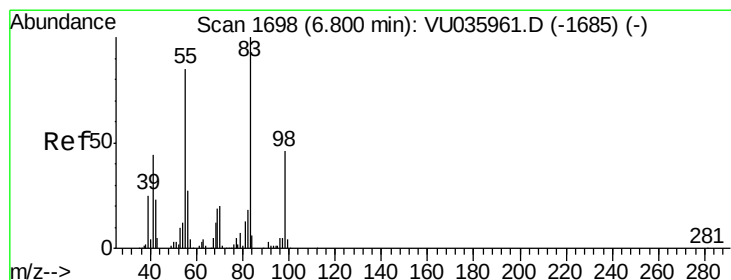
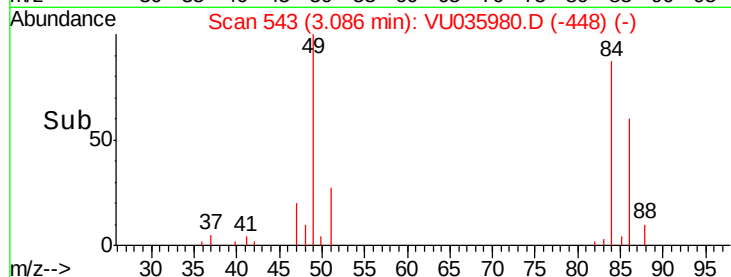
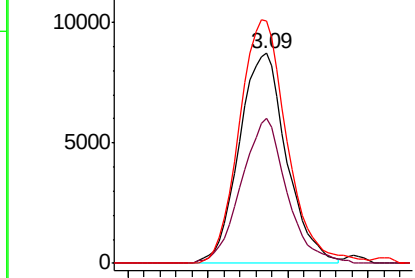
#16
Methylene chloride
Concen: 0.578 ug/L
RT: 3.09 min Scan# 543
Delta R.T. 0.01 min
Lab File: VU035980.D
Acq: 04 Dec 2019 19:02

Instrument :
MSVOA_U
ClientSampled :
BFQR1

Tgt Ion: 84 Resp: 17715
Ion Ratio Lower Upper
84 100
86 69.2 44.7 82.9
49 115.3 86.2 160.2

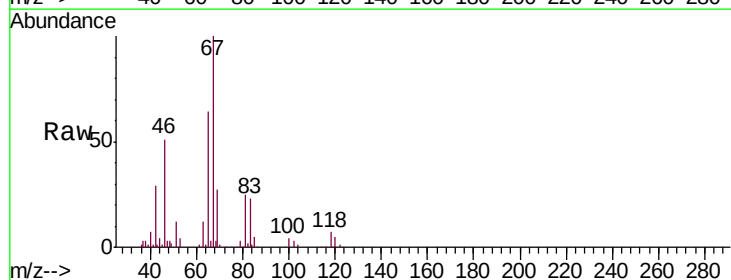


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

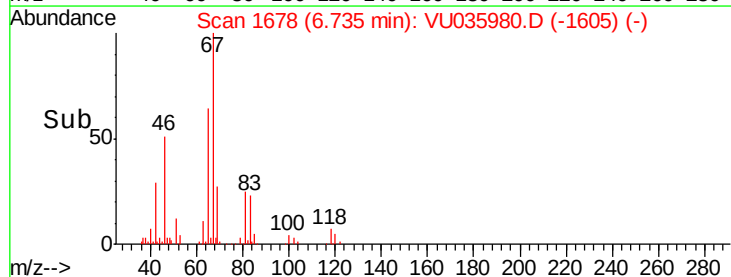
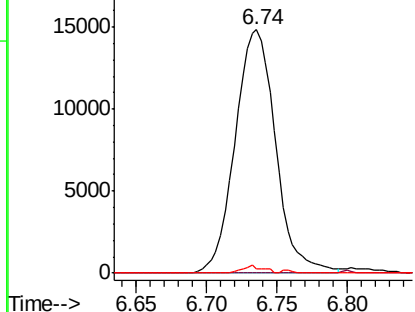


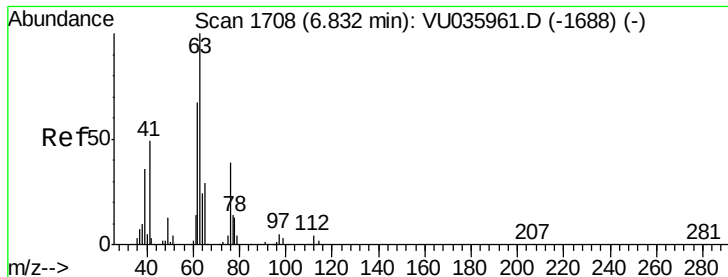
#35
Methylcyclohexane
Concen: 0.835 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.06 min
Lab File: VU035980.D
Acq: 04 Dec 2019 19:02

Tgt Ion: 83 Resp: 29964
Ion Ratio Lower Upper
83 100
55 0.0 67.4 101.0#
98 1.5 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

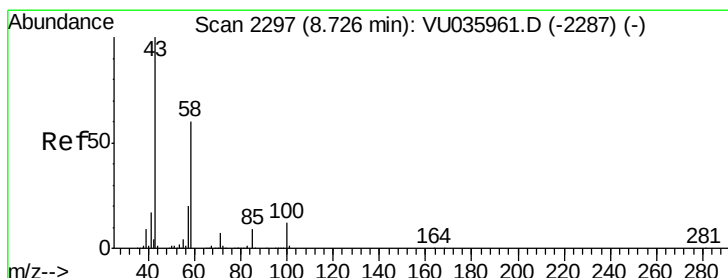
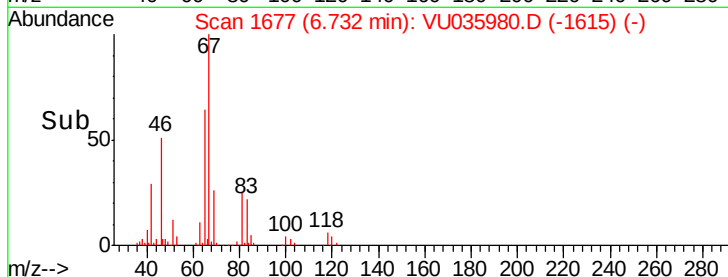
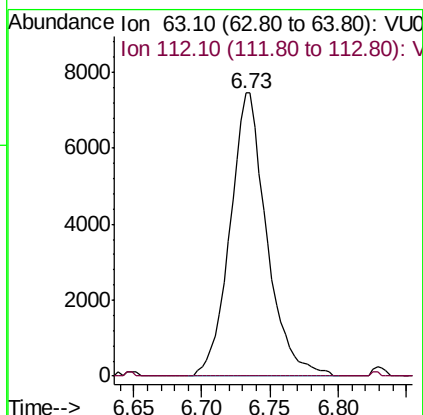
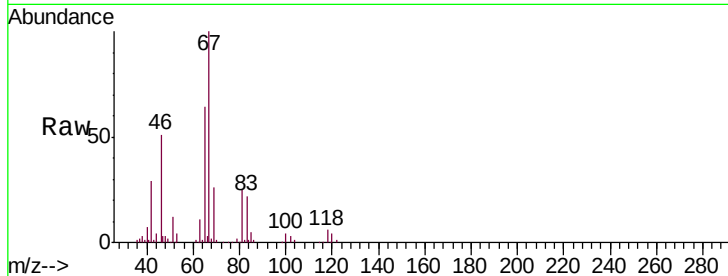




#37
 1,2-Dichloropropane
 Concen: 0.542 ug/L
 RT: 6.73 min Scan# 1677
 Delta R.T. -0.10 min
 Lab File: VU035980.D
 Acq: 04 Dec 2019 19:02

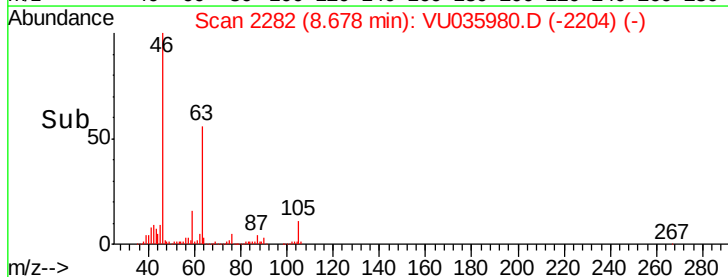
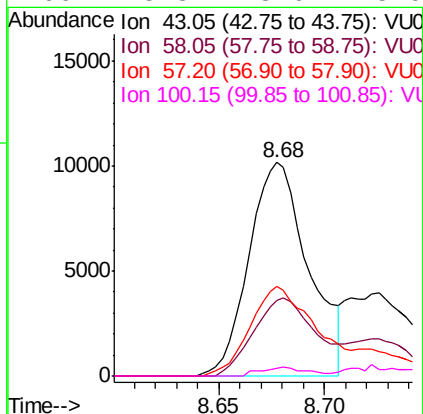
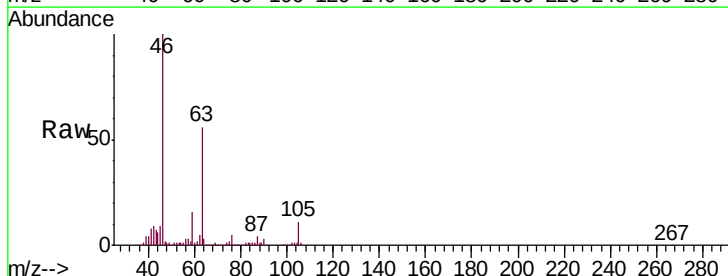
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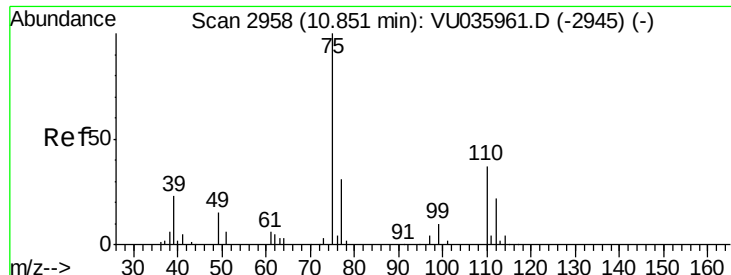
Tgt Ion: 63 Resp: 13891
 Ion Ratio Lower Upper
 63 100
 112 0.3 3.3 4.9#



#48
 2-Hexanone
 Concen: 1.795 ug/L
 RT: 8.68 min Scan# 2282
 Delta R.T. -0.05 min
 Lab File: VU035980.D
 Acq: 04 Dec 2019 19:02

Tgt Ion: 43 Resp: 19973
 Ion Ratio Lower Upper
 43 100
 58 37.6 45.4 68.2#
 57 46.2 14.9 22.3#
 100 3.3 8.6 13.0#





#59

1,2,3-Trichloropropane

Concen: 0.637 ug/L

RT: 11.84 min Scan# 3265

Delta R.T. 0.99 min

Lab File: VU035980.D

Acq: 04 Dec 2019 19:02

Instrument :

MSVOA_U

ClientSampleId :

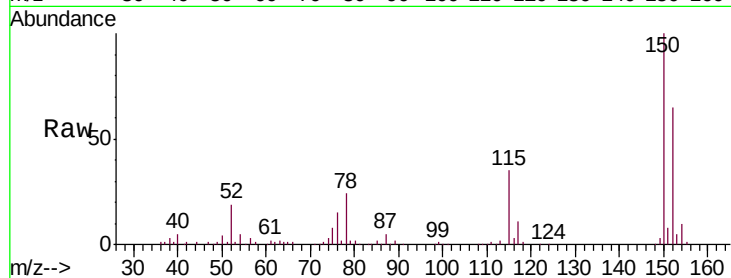
BFQR1

Tgt Ion: 75 Resp: 10619

Ion Ratio Lower Upper

75 100

77 38.0 26.6 39.8



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

