

Data File : VU036024.D
Acq On : 06 Dec 2019 15:12
Operator : JC/SP
Sample : K6168-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFE37

Quant Time: Dec 06 22:35:56 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Dec 06 22:30:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	283744	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	307037	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	88896	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	110191	3.41	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.20%
7) Chloroethane-d5	1.93	69	120714	4.66	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.20%
11) 1,1-Dichloroethene-d2	2.59	63	130533	2.81	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.20%#
20) 2-Butanone-d5	4.68	46	253203	44.21	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.42%
24) Chloroform-d	5.11	84	195175	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.80%
26) 1,2-Dichloroethane-d4	5.75	65	106402	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.40%
32) Benzene-d6	5.77	84	375042	4.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.40%
36) 1,2-Dichloropropane-d6	6.73	67	120472	4.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.80%
41) Toluene-d8	7.93	98	309489	3.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.00%
43) trans-1,3-Dichloropropene-	8.21	79	42107	3.54	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	70.80%
46) 2-Hexanone-d5	8.68	63	196888	42.09	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.18%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	106279	4.30	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.00%
64) 1,2-Dichlorobenzene-d4	12.22	152	87399	4.76	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.20%

Target Compounds

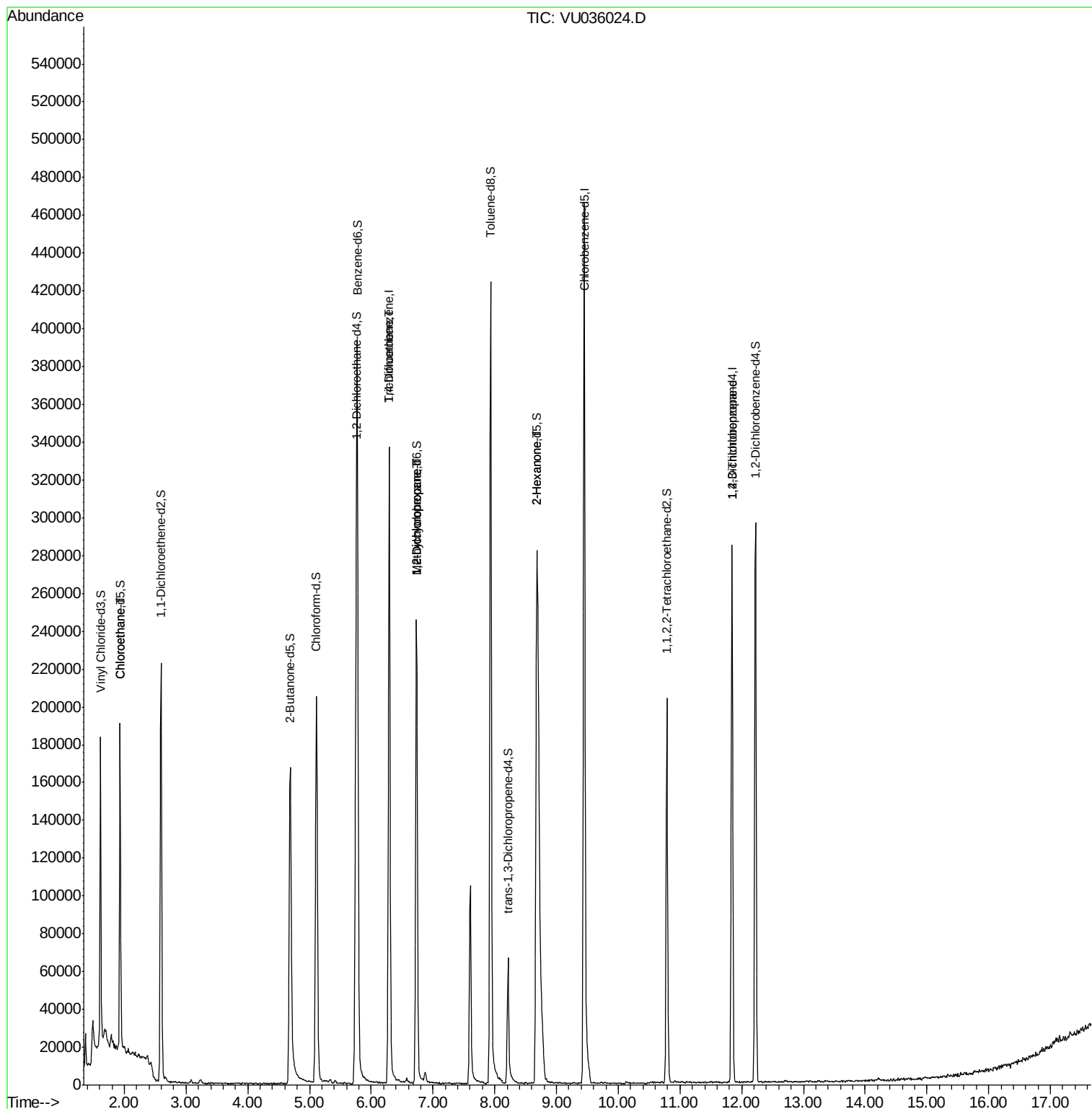
					Qvalue	
8) Chloroethane	1.93	64	1602	0.076	ug/L #	58
34) Trichloroethene	6.29	95	5483	0.225	ug/L #	5
35) Methylcyclohexane	6.73	83	28490	0.778	ug/L #	16
37) 1,2-Dichloropropane	6.73	63	12567	0.481	ug/L #	89
48) 2-Hexanone	8.68	43	31085	2.739	ug/L #	56
59) 1,2,3-Trichloropropane	11.84	75	9318	0.548	ug/L	97

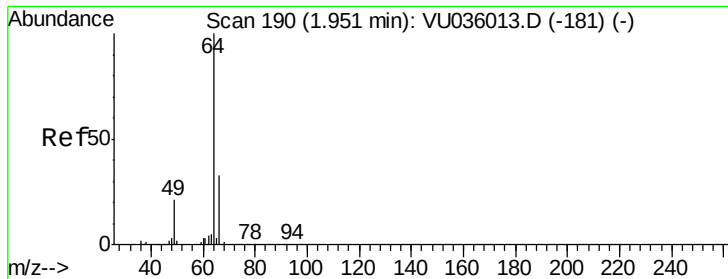
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 0.076 ug/L

RT: 1.93 min Scan# 185

Delta R.T. -0.02 min

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Acq: 06 Dec 2019 15:12

Instrument :

MSVOA_U

ClientSampleId :

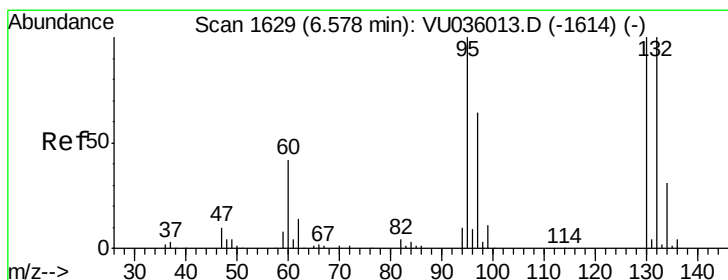
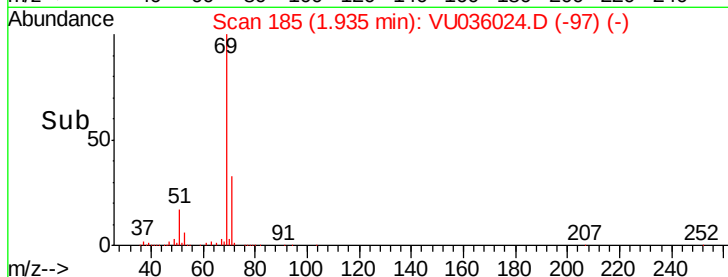
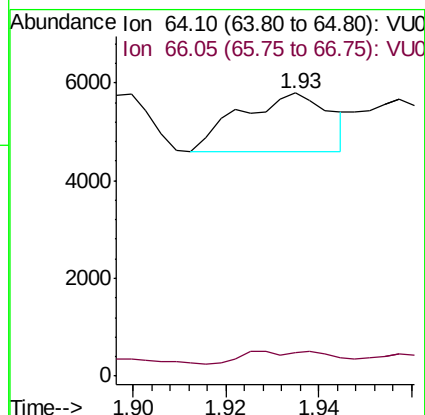
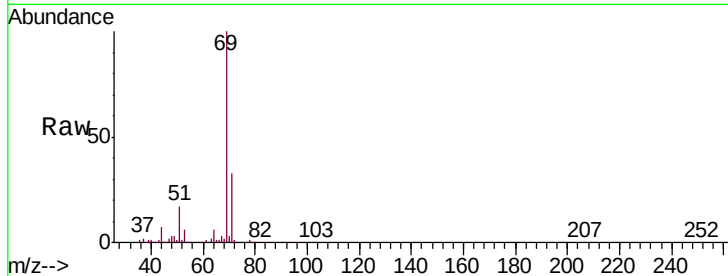
BFE37

Tgt Ion: 64 Resp: 1602

Ion Ratio Lower Upper

64 100

66 8.1 22.0 40.8#



#34

Trichloroethene

Concen: 0.225 ug/L

RT: 6.29 min Scan# 1539

Delta R.T. -0.29 min

Lab File: VU036024.D

Acq: 06 Dec 2019 15:12

Tgt Ion: 95 Resp: 5483

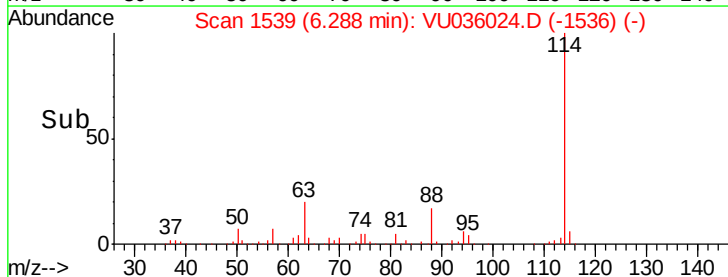
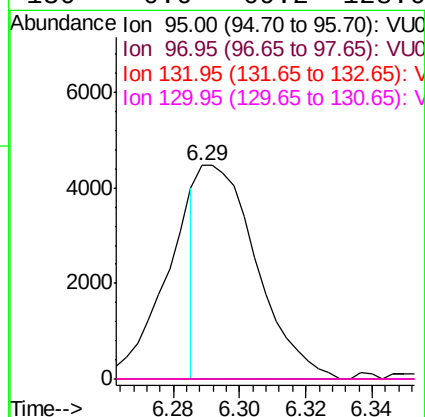
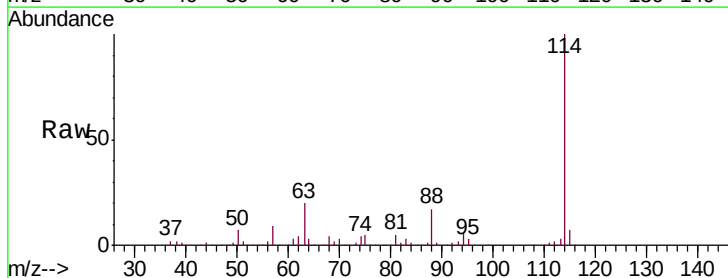
Ion Ratio Lower Upper

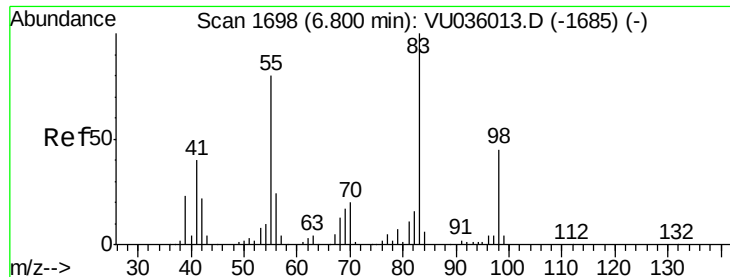
95 100

97 0.0 46.3 85.9#

132 0.0 65.7 122.1#

130 0.0 69.2 128.6#

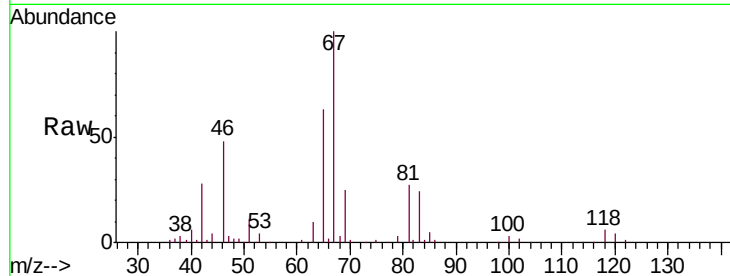




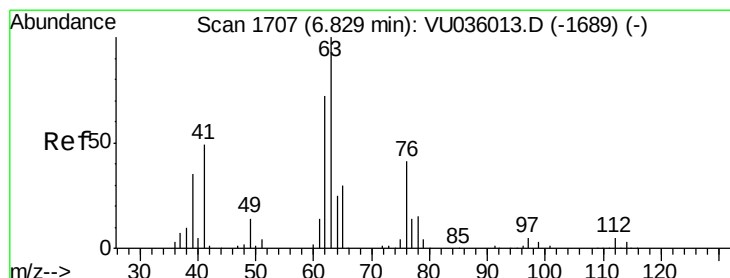
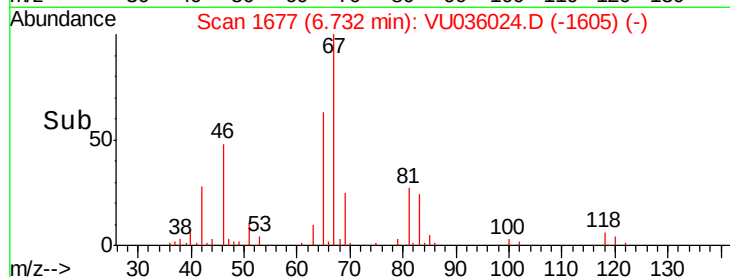
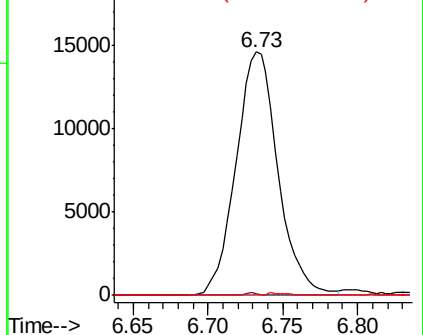
#35
Methylcyclohexane
Concen: 0.778 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.07 min
Lab File: VU036024.D
Acq: 06 Dec 2019 15:12

Instrument :
MSVOA_U
ClientSampleId :
BFE37

Tgt Ion: 83 Resp: 28490
Ion Ratio Lower Upper
83 100
55 0.3 67.4 101.0#
98 0.5 34.6 52.0#

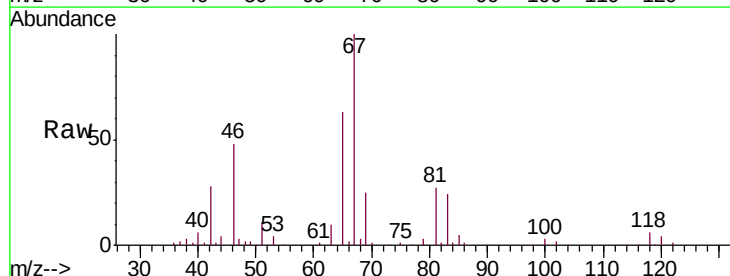


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

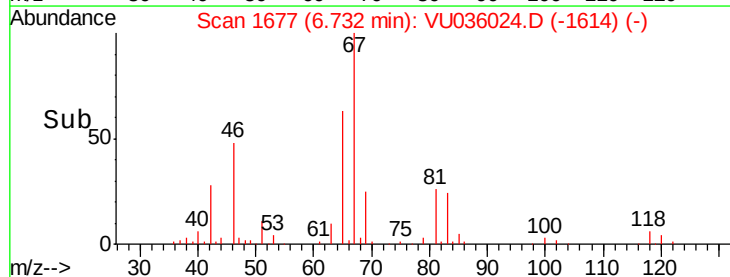
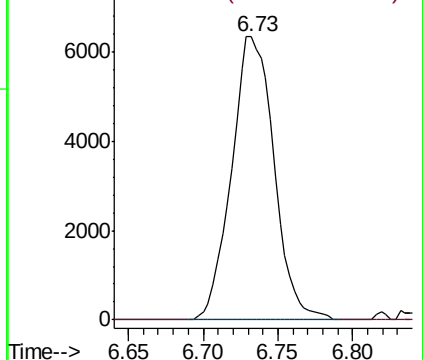


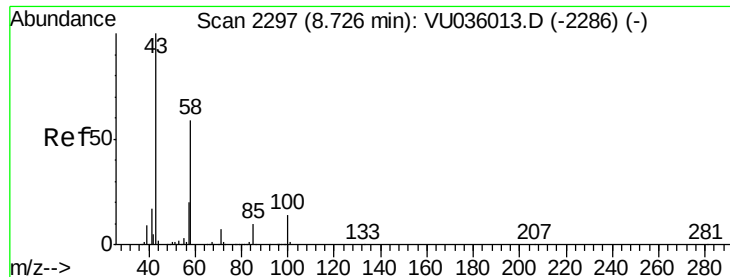
#37
1,2-Dichloropropane
Concen: 0.481 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.10 min
Lab File: VU036024.D
Acq: 06 Dec 2019 15:12

Tgt Ion: 63 Resp: 12567
Ion Ratio Lower Upper
63 100
112 0.4 3.3 4.9#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V

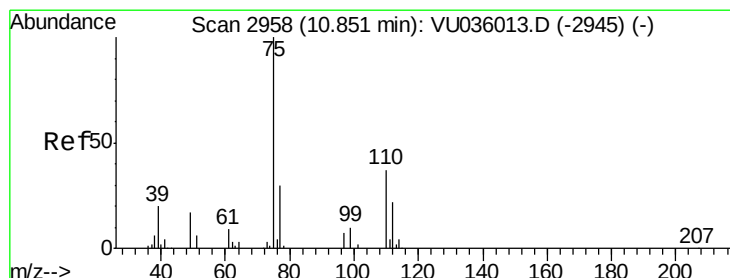
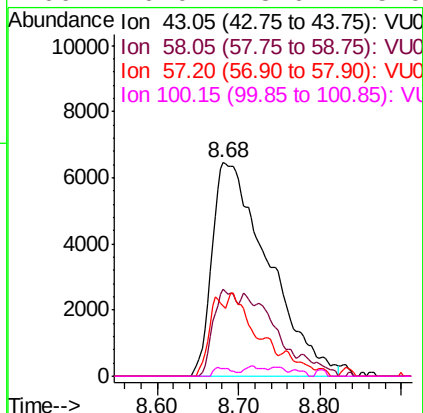
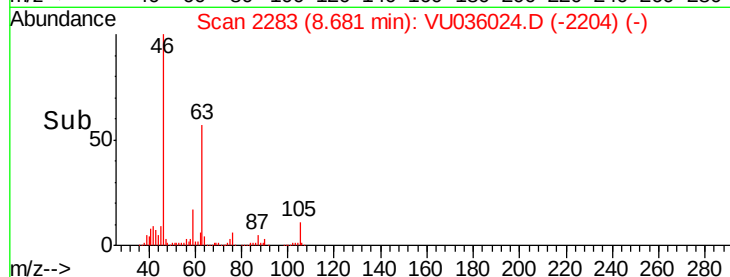
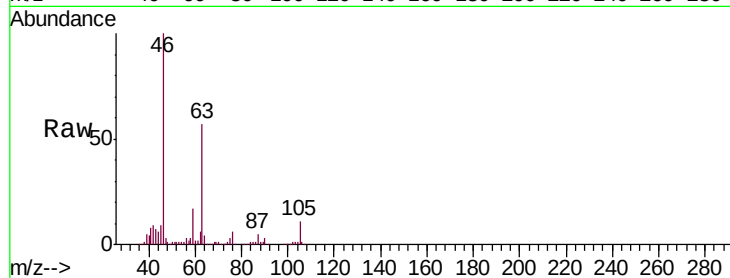




#48
 2-Hexanone
 Concen: 2.739 ug/L
 RT: 8.68 min Scan# 2283
 Delta R.T. -0.04 min
 Lab File: VU036024.D
 Acq: 06 Dec 2019 15:12

Instrument :
 MSVOA_U
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 BFE37

Tgt Ion: 43 Resp: 31085
 Ion Ratio Lower Upper
 43 100
 58 17.1 45.4 68.2#
 57 8.4 14.9 22.3#
 100 0.0 8.6 13.0#



#59
 1,2,3-Trichloropropane
 Concen: 0.548 ug/L
 RT: 11.84 min Scan# 3265
 Delta R.T. 0.99 min
 Lab File: VU036024.D
 Acq: 06 Dec 2019 15:12

Tgt Ion: 75 Resp: 9318
 Ion Ratio Lower Upper
 75 100
 77 34.9 26.6 39.8

