

Data File : VU035146.D
Acq On : 14 Oct 2019 13:09
Operator : JC/SP
Sample : K5342-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Quant Time: Oct 15 07:08:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 15 07:04:39 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	142106	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	149035	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	54263	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	41862	4.98	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.60%
7) Chloroethane-d5	1.68	69	41031	5.23	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.60%
11) 1,1-Dichloroethene-d2	2.26	63	61996	3.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.00%
20) 2-Butanone-d5	4.17	46	150995	61.04	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	122.08%
24) Chloroform-d	4.62	84	83610	5.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.40%
26) 1,2-Dichloroethane-d4	5.29	65	50288	5.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.00%
32) Benzene-d6	5.32	84	158499	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.80%
36) 1,2-Dichloropropane-d6	6.31	67	59135	5.06	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.20%
41) Toluene-d8	7.55	98	135327	4.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.00%
43) trans-1,3-Dichloropropene-	7.84	79	17181	4.09	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.80%
46) 2-Hexanone-d5	8.31	63	111618	55.82	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.64%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	54338	5.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.40%
64) 1,2-Dichlorobenzene-d4	11.85	152	48513	5.30	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.00%

Target Compounds

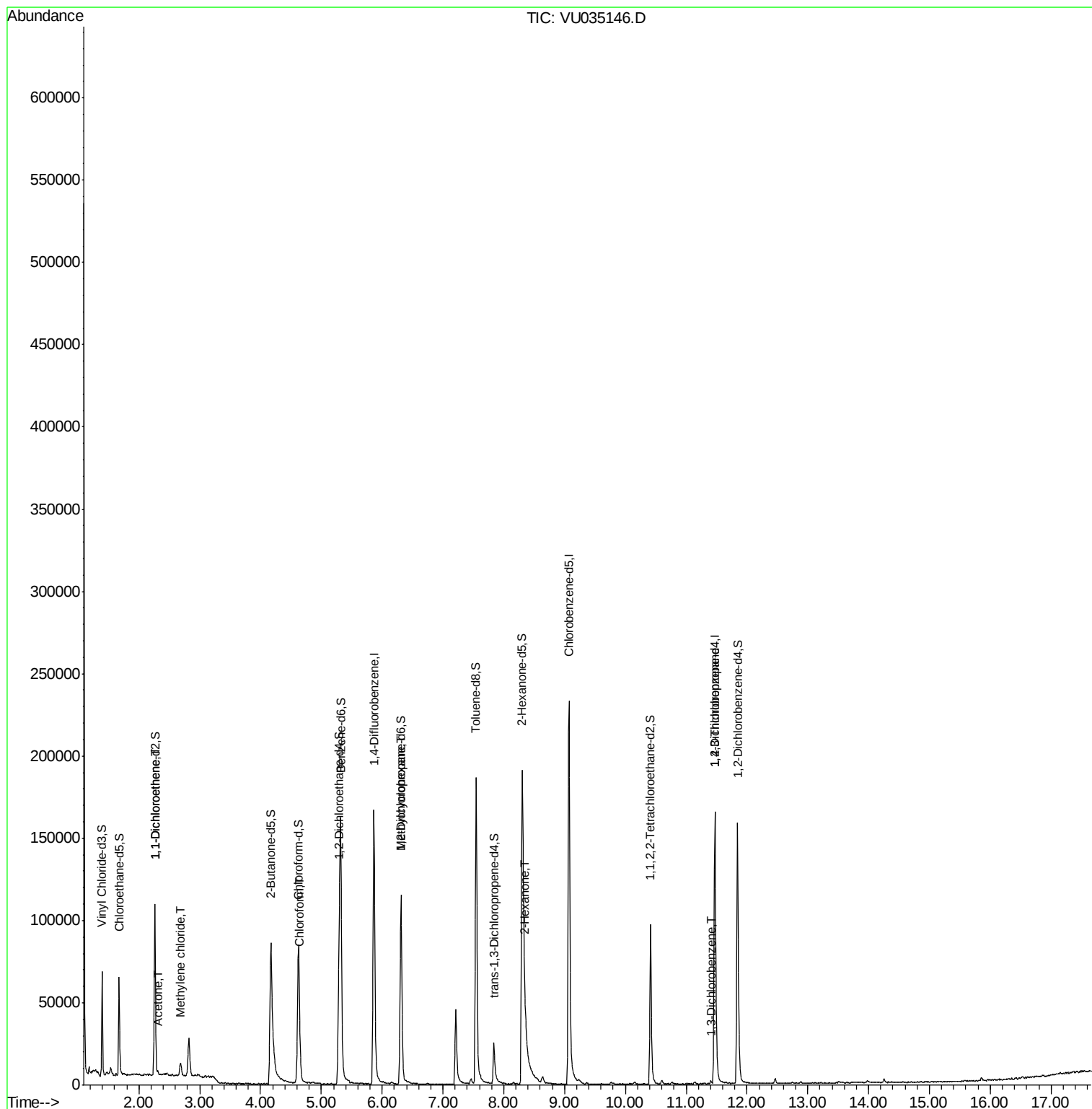
					Qvalue	
12) 1,1-Dichloroethene	2.27	96	548	0.060	ug/L #	1
13) Acetone	2.31	43	1981	0.978	ug/L	83
16) Methylene chloride	2.68	84	2924	0.259	ug/L	75
25) Chloroform	4.65	83	6463	0.296	ug/L	90
35) Methylcyclohexane	6.31	83	12429	0.663	ug/L #	18
48) 2-Hexanone	8.35	43	6063	1.160	ug/L #	42
59) 1,2,3-Trichloropropane	11.47	75	7523	0.960	ug/L	97
62) 1,3-Dichlorobenzene	11.41	146	1014	0.061	ug/L #	88

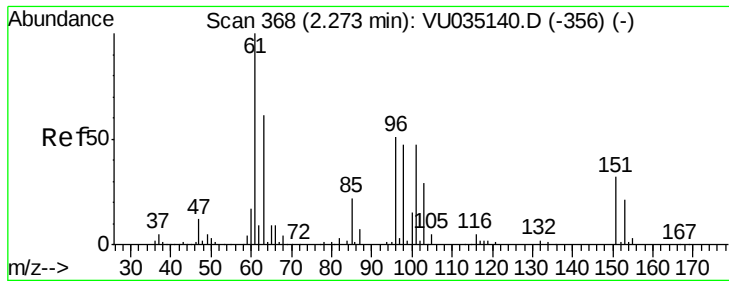
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.060 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

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ClientSampleId :

VHBLK01

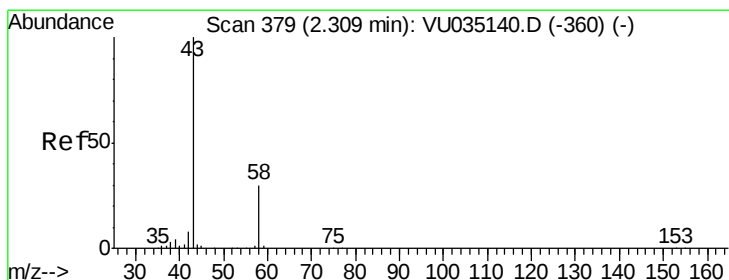
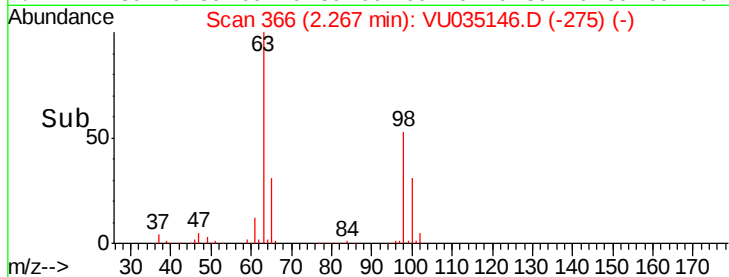
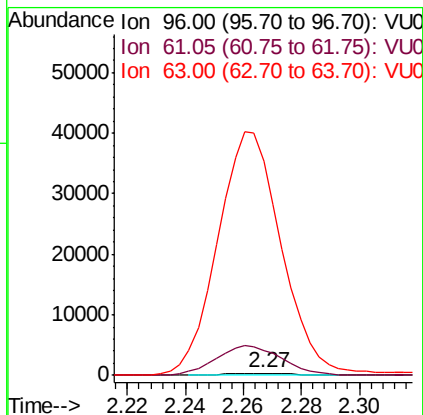
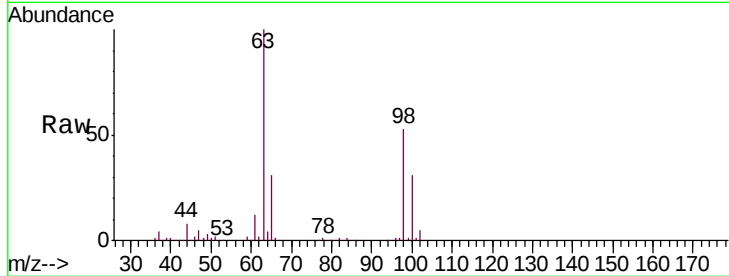
Tgt Ion: 96 Resp: 548

Ion Ratio Lower Upper

96 100

61 1116.4 129.3 240.1#

63 9531.2 108.9 202.3#



#13

Acetone

Concen: 0.978 ug/L

RT: 2.31 min Scan# 379

Delta R.T. -0.00 min

Lab File: VU035146.D

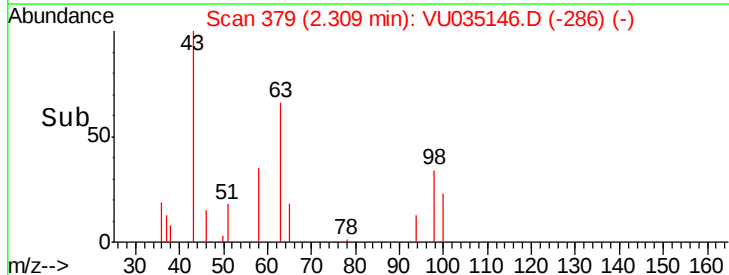
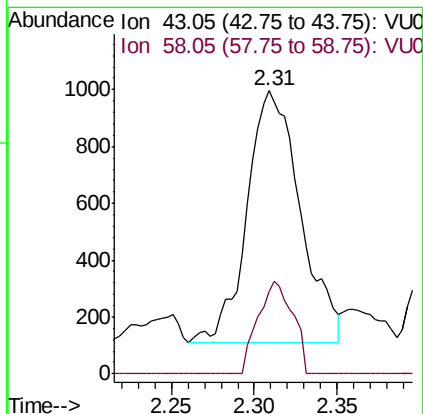
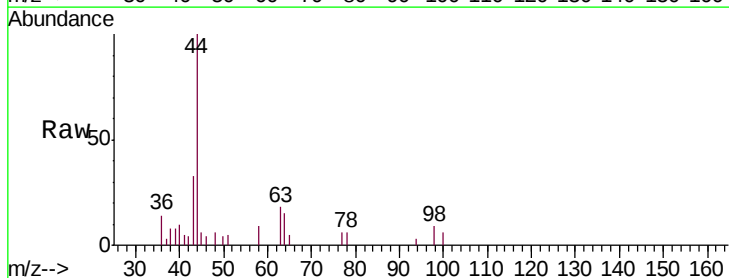
Acq: 14 Oct 2019 13:09

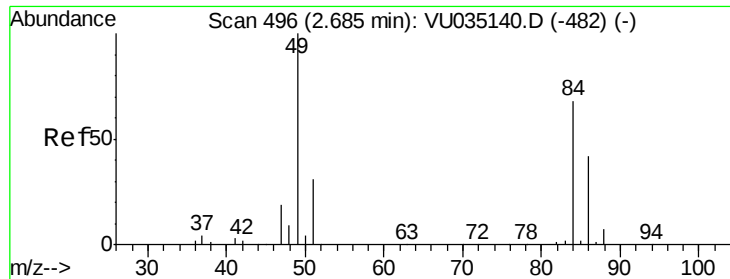
Tgt Ion: 43 Resp: 1981

Ion Ratio Lower Upper

43 100

58 23.9 0.0 66.6

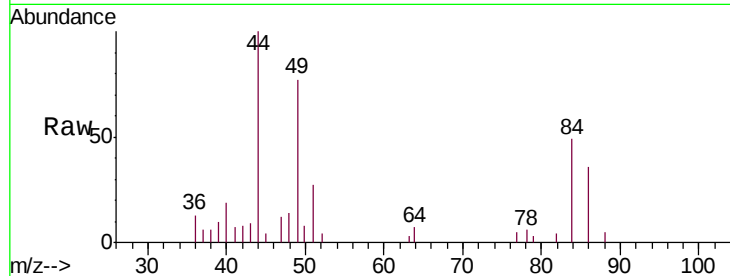




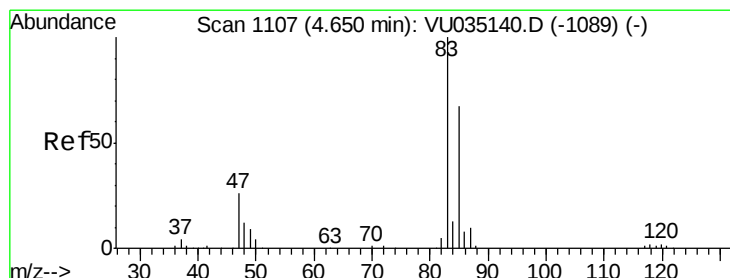
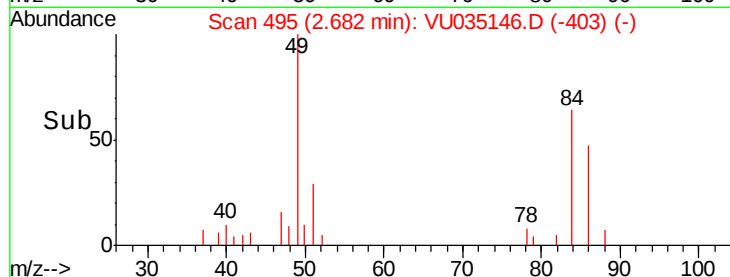
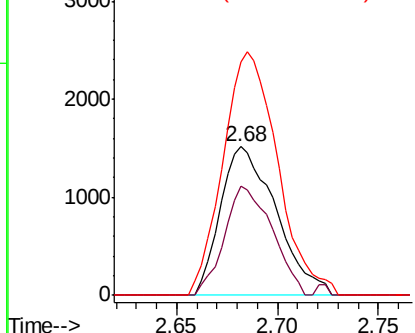
#16
Methylene chloride
Concen: 0.259 ug/L
RT: 2.68 min Scan# 495
Delta R.T. -0.00 min
Lab File: VU035146.D
Acq: 14 Oct 2019 13:09

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Tgt Ion: 84 Resp: 2924
Ion Ratio Lower Upper
84 100
86 73.3 42.5 78.9
49 157.3 86.9 161.3

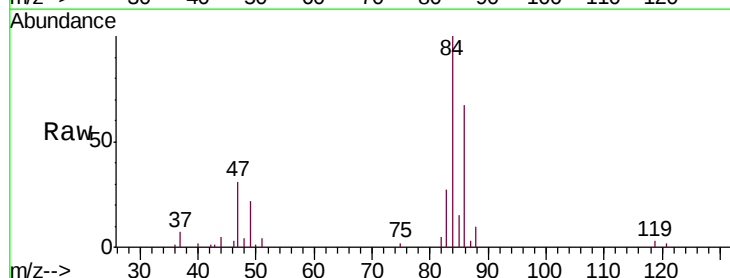


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

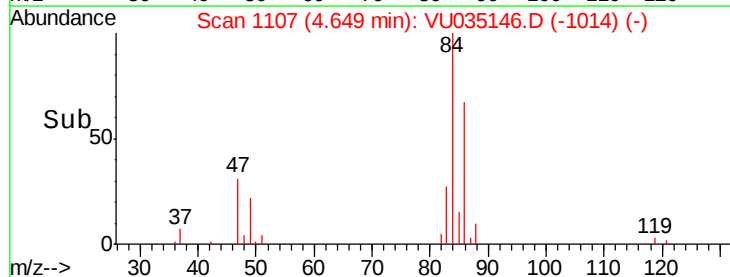
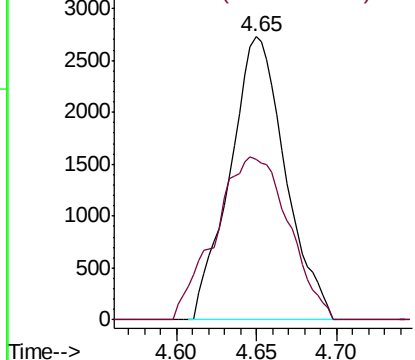


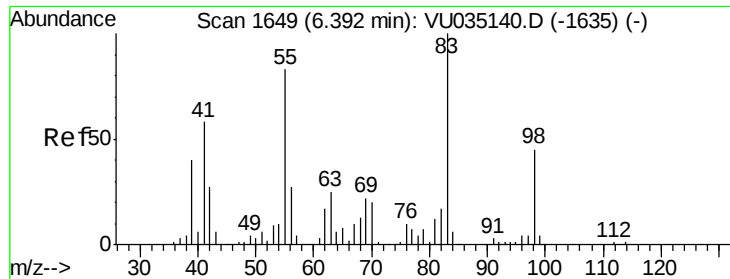
#25
Chloroform
Concen: 0.296 ug/L
RT: 4.65 min Scan# 1107
Delta R.T. -0.00 min
Lab File: VU035146.D
Acq: 14 Oct 2019 13:09

Tgt Ion: 83 Resp: 6463
Ion Ratio Lower Upper
83 100
85 56.7 45.4 84.4



Abundance Ion 83.05 (82.75 to 83.75): VU0
Ion 85.00 (84.70 to 85.70): VU0

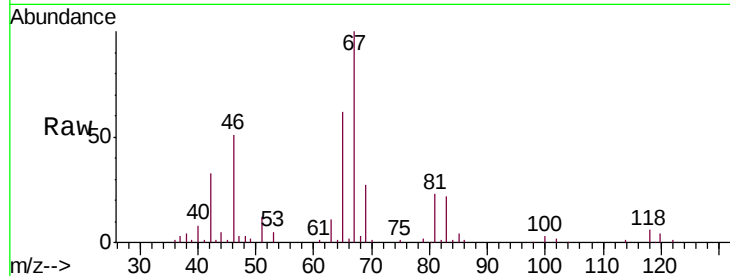




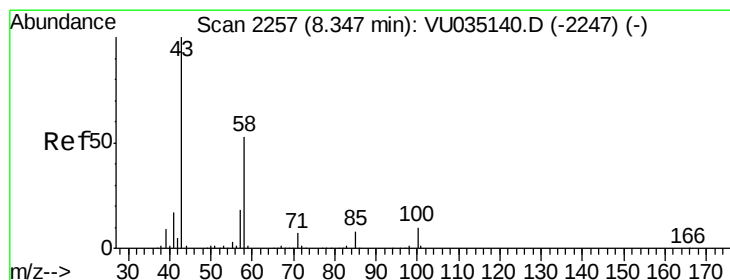
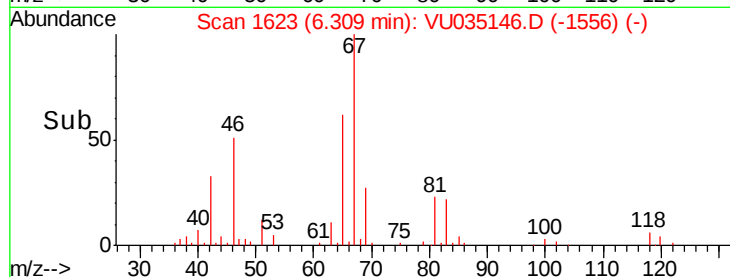
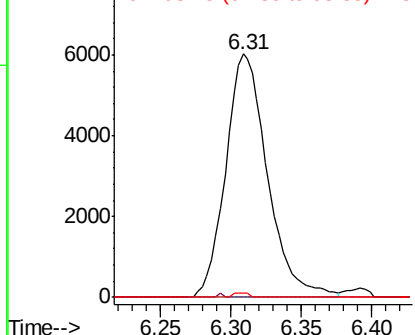
#35
Methylcyclohexane
Concen: 0.663 ug/L
RT: 6.31 min Scan# 1623
Delta R.T. -0.08 min
Lab File: VU035146.D
Acq: 14 Oct 2019 13:09

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Tgt Ion: 83 Resp: 12429
Ion Ratio Lower Upper
83 100
55 0.2 62.6 94.0#
98 0.7 36.2 54.2#

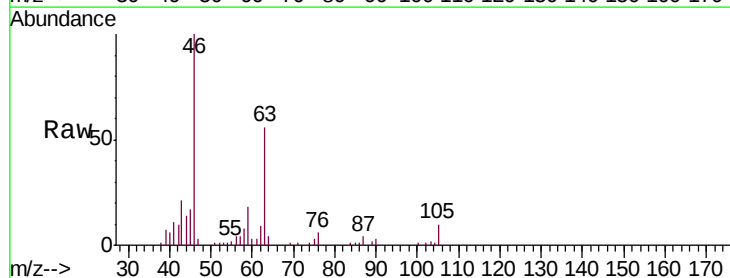


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

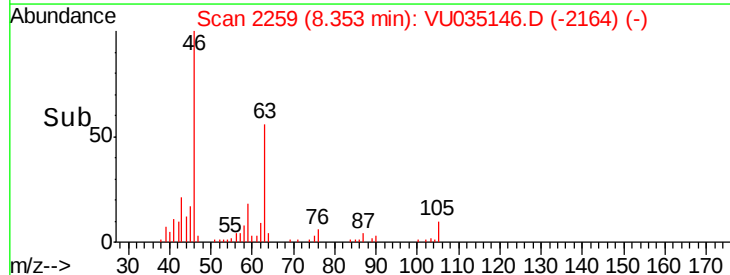
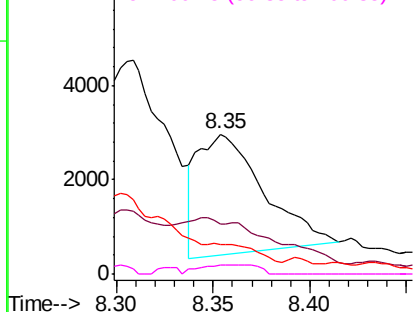


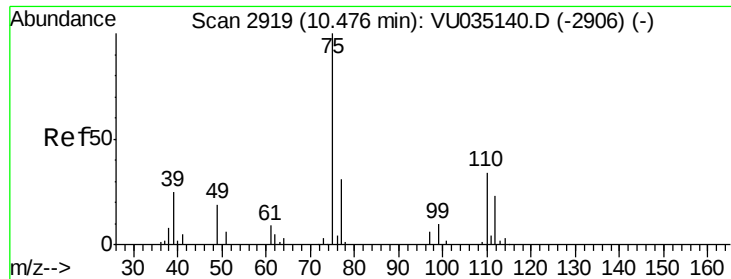
#48
2-Hexanone
Concen: 1.160 ug/L
RT: 8.35 min Scan# 2259
Delta R.T. 0.01 min
Lab File: VU035146.D
Acq: 14 Oct 2019 13:09

Tgt Ion: 43 Resp: 6063
Ion Ratio Lower Upper
43 100
58 0.0 44.1 66.1#
57 5.3 15.8 23.8#
100 4.1 9.4 14.2#



Abundance Ion 43.05 (42.75 to 43.75): VU0
Ion 58.05 (57.75 to 58.75): VU0
Ion 57.20 (56.90 to 57.90): VU0
Ion 100.15 (99.85 to 100.85): VU0

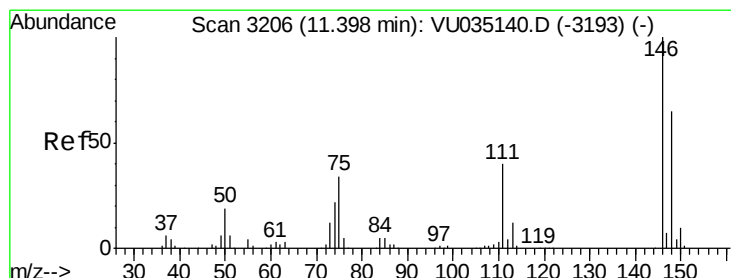
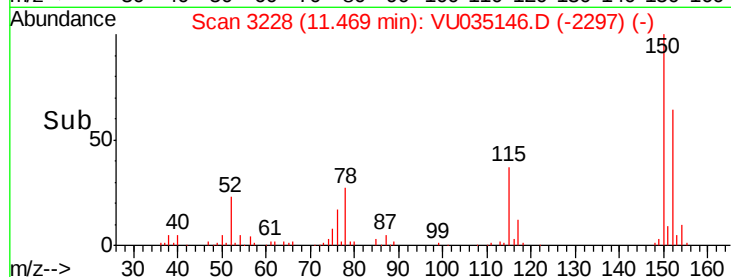
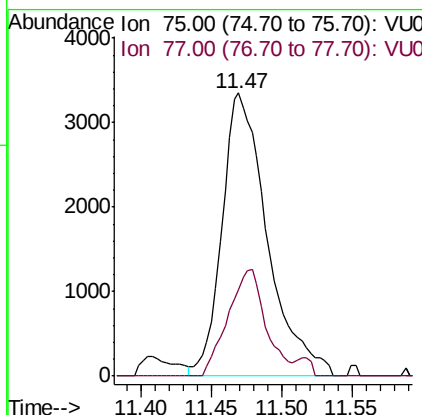
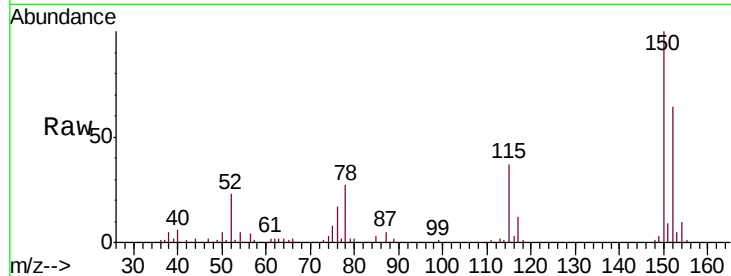




#59
 1,2,3-Trichloropropane
 Concen: 0.960 ug/L
 RT: 11.47 min Scan# 3228
 Delta R.T. 0.99 min
 Lab File: VU035146.D
 Acq: 14 Oct 2019 13:09

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

Tgt Ion: 75 Resp: 7523
 Ion Ratio Lower Upper
 75 100
 77 31.6 26.5 39.7



#62
 1,3-Dichlorobenzene
 Concen: 0.061 ug/L
 RT: 11.41 min Scan# 3210
 Delta R.T. 0.01 min
 Lab File: VU035146.D
 Acq: 14 Oct 2019 13:09

Tgt Ion: 146 Resp: 1014
 Ion Ratio Lower Upper
 146 100
 111 23.9 28.6 53.2#
 148 63.1 45.0 83.6

