

Data File : VU035152.D
Acq On : 14 Oct 2019 16:06
Operator : JC/SP
Sample : VU1014WBL02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK22

Quant Time: Oct 15 07:56:44 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 15 07:54:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	151012	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	160900	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	61808	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	39752	4.45	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.00%
7) Chloroethane-d5	1.67	69	38542	4.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.60%
11) 1,1-Dichloroethene-d2	2.26	63	59404	3.16	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.20%
20) 2-Butanone-d5	4.18	46	139683	53.14	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.28%
24) Chloroform-d	4.62	84	83076	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.60%
26) 1,2-Dichloroethane-d4	5.29	65	46616	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.20%
32) Benzene-d6	5.31	84	156525	4.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.00%
36) 1,2-Dichloropropane-d6	6.31	67	55470	4.40	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.00%
41) Toluene-d8	7.55	98	131136	3.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.80%
43) trans-1,3-Dichloropropene-	7.84	79	17596	3.88	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.60%
46) 2-Hexanone-d5	8.30	63	93631	43.37	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.74%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	48550	4.57	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.40%
64) 1,2-Dichlorobenzene-d4	11.84	152	47738	4.58	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.60%

Target Compounds

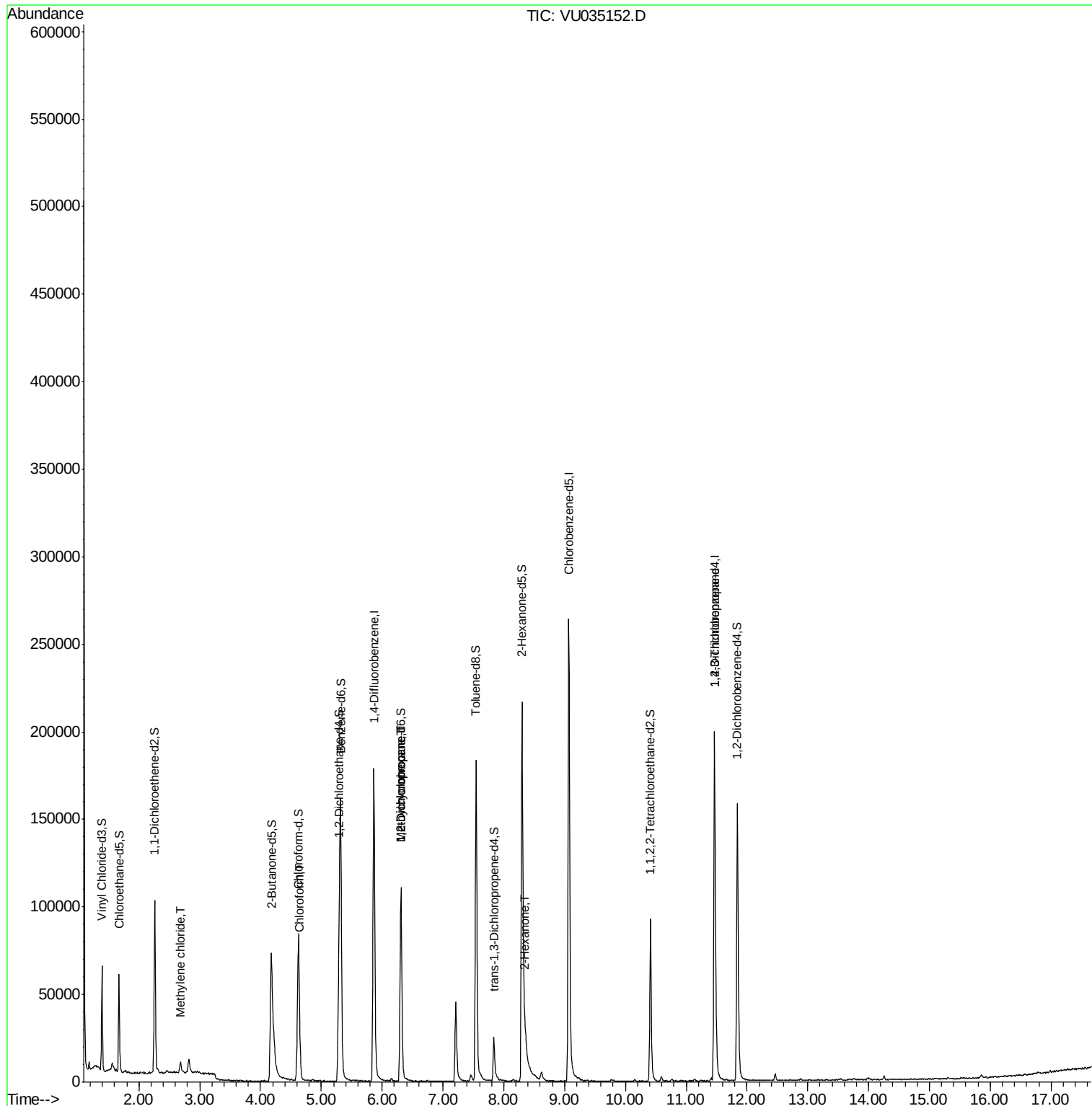
					Qvalue
16) Methylene chloride	2.69	84	2001	0.167 ug/L	85
25) Chloroform	4.65	83	4278	0.184 ug/L	96
35) Methylcyclohexane	6.31	83	12283	0.607 ug/L #	18
37) 1,2-Dichloropropane	6.31	63	6238	0.477 ug/L #	88
48) 2-Hexanone	8.35	43	5650	1.001 ug/L #	77
59) 1,2,3-Trichloropropane	11.47	75	8391	0.992 ug/L	93

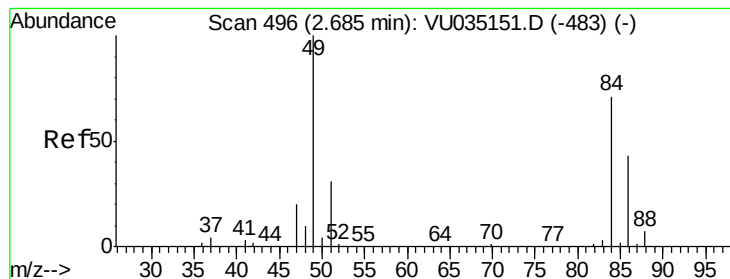
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU035152.D
Acq On : 14 Oct 2019 16:06
Operator : JC/SP
Sample : VU1014WBL02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK22

Quant Time: Oct 15 07:56:44 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 15 07:54:07 2019
Response via : Initial Calibration





#16

Methylene chloride

Concen: 0.167 ug/L

RT: 2.69 min Scan# 497

Delta R.T. 0.00 min

Lab File: VU035152.D

Acq: 14 Oct 2019 16:06

Instrument :

MSVOA_U

ClientSampleId :

VBLK22

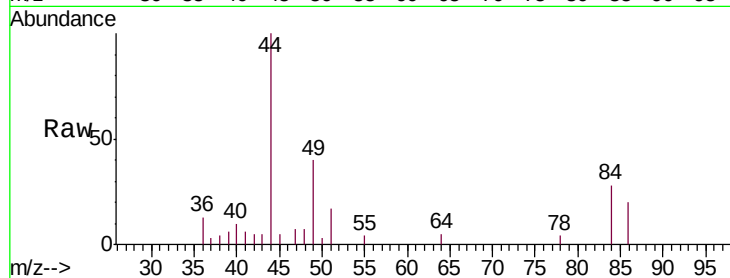
Tgt Ion: 84 Resp: 2001

Ion Ratio Lower Upper

84 100

86 70.7 42.5 78.9

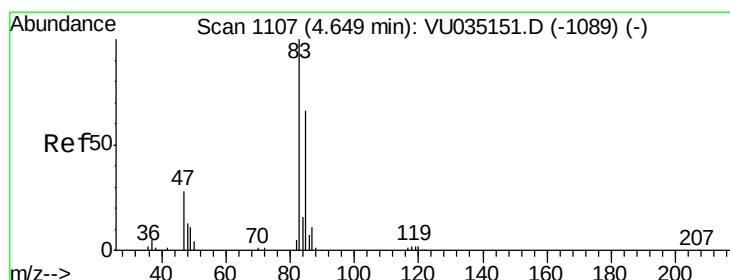
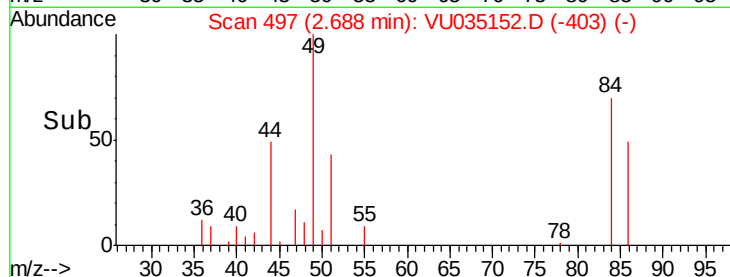
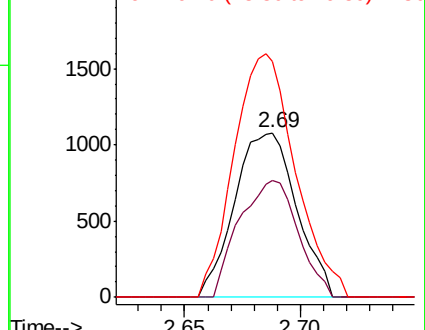
49 142.9 86.9 161.3



Abundance Ion 84.05 (83.75 to 84.75): VU035152.D (-403) (-)

Ion 86.00 (85.70 to 86.70): VU035152.D (-403) (-)

Ion 49.10 (48.80 to 49.80): VU035152.D (-403) (-)



#25

Chloroform

Concen: 0.184 ug/L

RT: 4.65 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VU035152.D

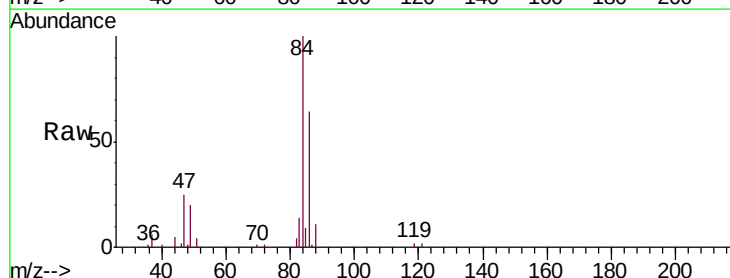
Acq: 14 Oct 2019 16:06

Tgt Ion: 83 Resp: 4278

Ion Ratio Lower Upper

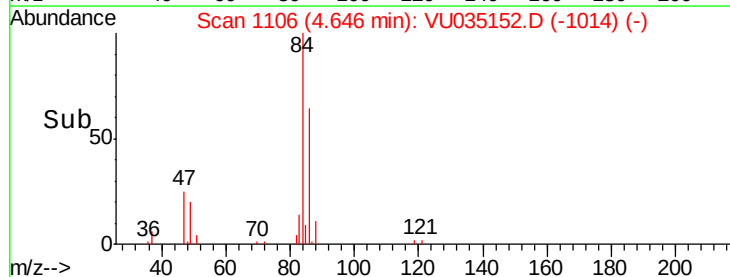
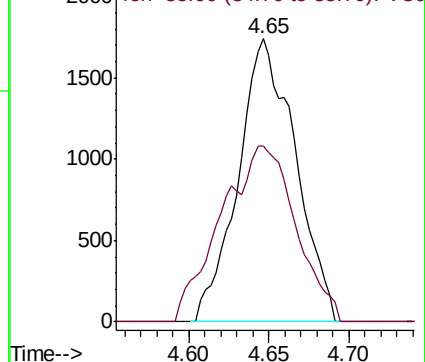
83 100

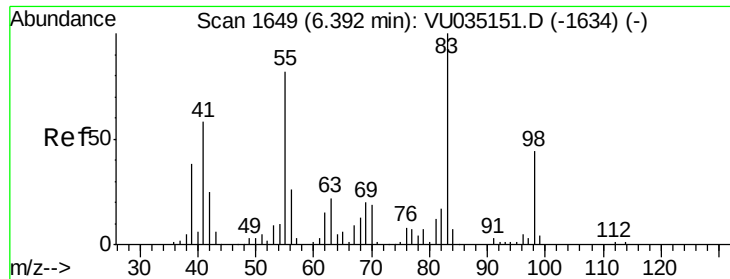
85 62.1 45.4 84.4



Abundance Ion 83.05 (82.75 to 83.75): VU035152.D (-1014) (-)

Ion 85.00 (84.70 to 85.70): VU035152.D (-1014) (-)

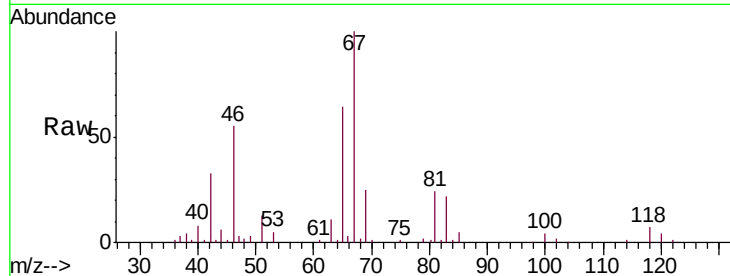




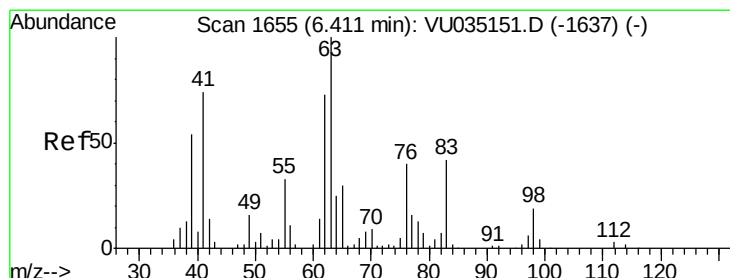
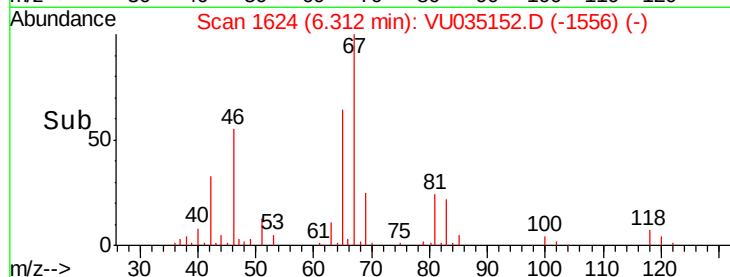
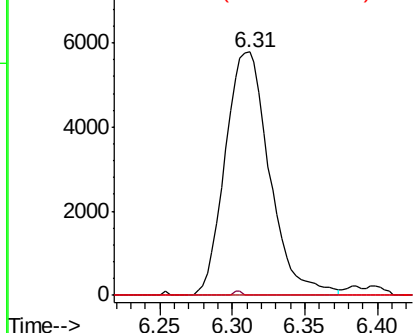
#35
Methylcyclohexane
Concen: 0.607 ug/L
RT: 6.31 min Scan# 1624
Delta R.T. -0.08 min
Lab File: VU035152.D
Acq: 14 Oct 2019 16:06

Instrument :
MSVOA_U
ClientSampleId :
VBLK22

Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.3	62.6	94.0#
98	0.5	36.2	54.2#

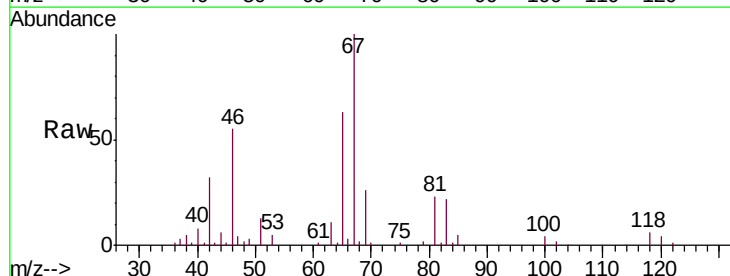


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

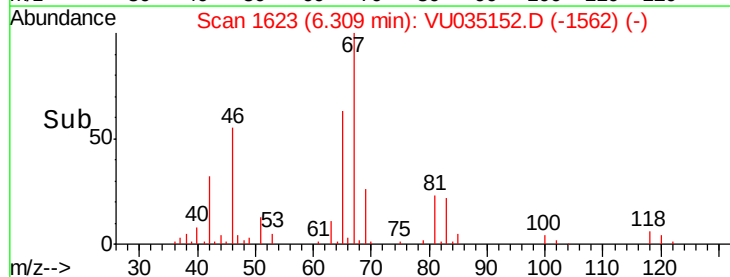
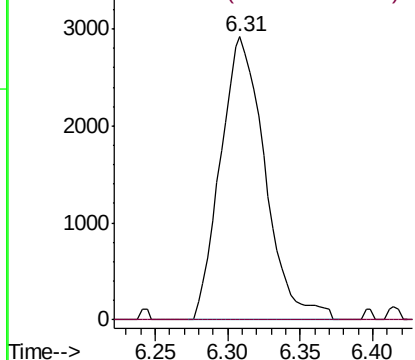


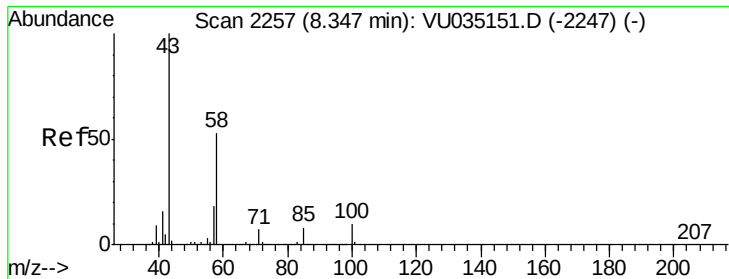
#37
1,2-Dichloropropane
Concen: 0.477 ug/L
RT: 6.31 min Scan# 1623
Delta R.T. -0.10 min
Lab File: VU035152.D
Acq: 14 Oct 2019 16:06

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.1	4.7#



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

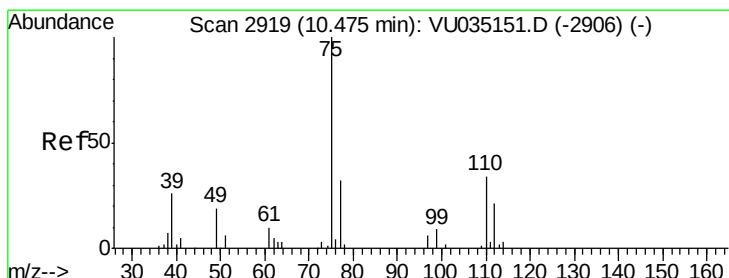
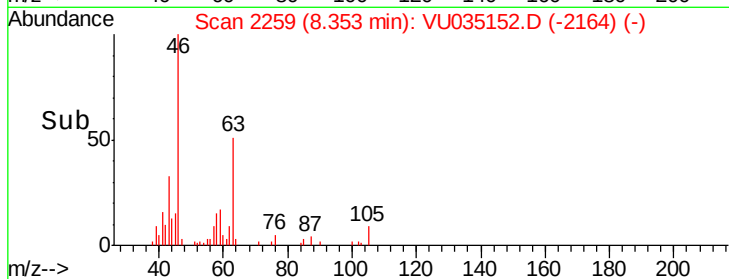
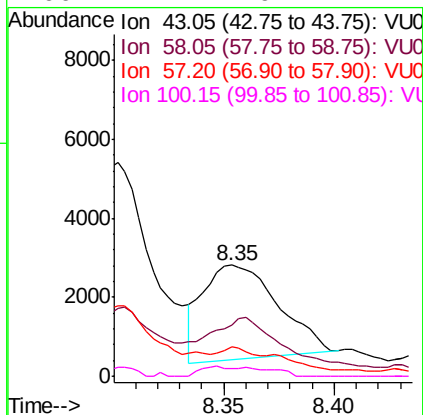
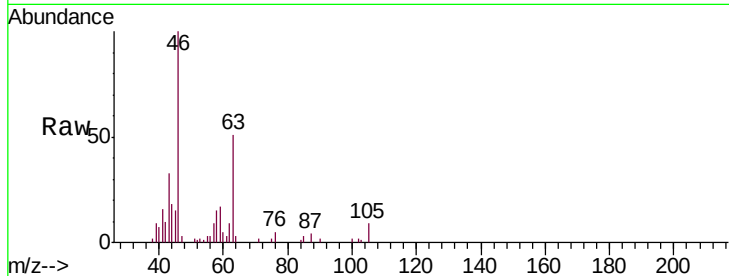




#48
 2-Hexanone
 Concen: 1.001 ug/L
 RT: 8.35 min Scan# 2259
 Delta R.T. 0.01 min
 Lab File: VU035152.D
 Acq: 14 Oct 2019 16:06

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK22

Tgt Ion: 43 Resp: 5650
 Ion Ratio Lower Upper
 43 100
 58 69.8 44.1 66.1#
 57 4.3 15.8 23.8#
 100 4.1 9.4 14.2#



#59
 1,2,3-Trichloropropane
 Concen: 0.992 ug/L
 RT: 11.47 min Scan# 3227
 Delta R.T. 0.99 min
 Lab File: VU035152.D
 Acq: 14 Oct 2019 16:06

Tgt Ion: 75 Resp: 8391
 Ion Ratio Lower Upper
 75 100
 77 37.3 26.5 39.7

