

Data File : VU033657.D
Acq On : 08 Aug 2019 22:46
Operator : JC/SP
Sample : K4161-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETOD8

Quant Time: Aug 09 07:45:41 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080819WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Aug 09 07:39:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.87	114	293252	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	297947	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	131658	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	137643	41.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.16%
7) Chloroethane-d5	1.67	69	115686	41.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.58%
11) 1,1-Dichloroethene-d2	2.26	63	178470	33.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.70%
21) 2-Butanone-d5	4.15	46	199142	82.14	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	82.14%
24) Chloroform-d	4.62	84	213323	38.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	77.78%
26) 1,2-Dichloroethane-d4	5.29	65	146807	41.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.00%
32) Benzene-d6	5.32	84	454054	40.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.74%
36) 1,2-Dichloropropane-d6	6.31	67	143276	40.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	81.12%
41) Toluene-d8	7.55	98	408340	39.75	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.50%#
43) trans-1,3-Dichloropropene-	7.83	79	64955	37.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.14%
47) 2-Hexanone-d5	8.29	63	142915	80.80	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	80.80%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	218420	39.52	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	79.04%
64) 1,2-Dichlorobenzene-d4	11.85	152	157259	43.72	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.44%

Target Compounds

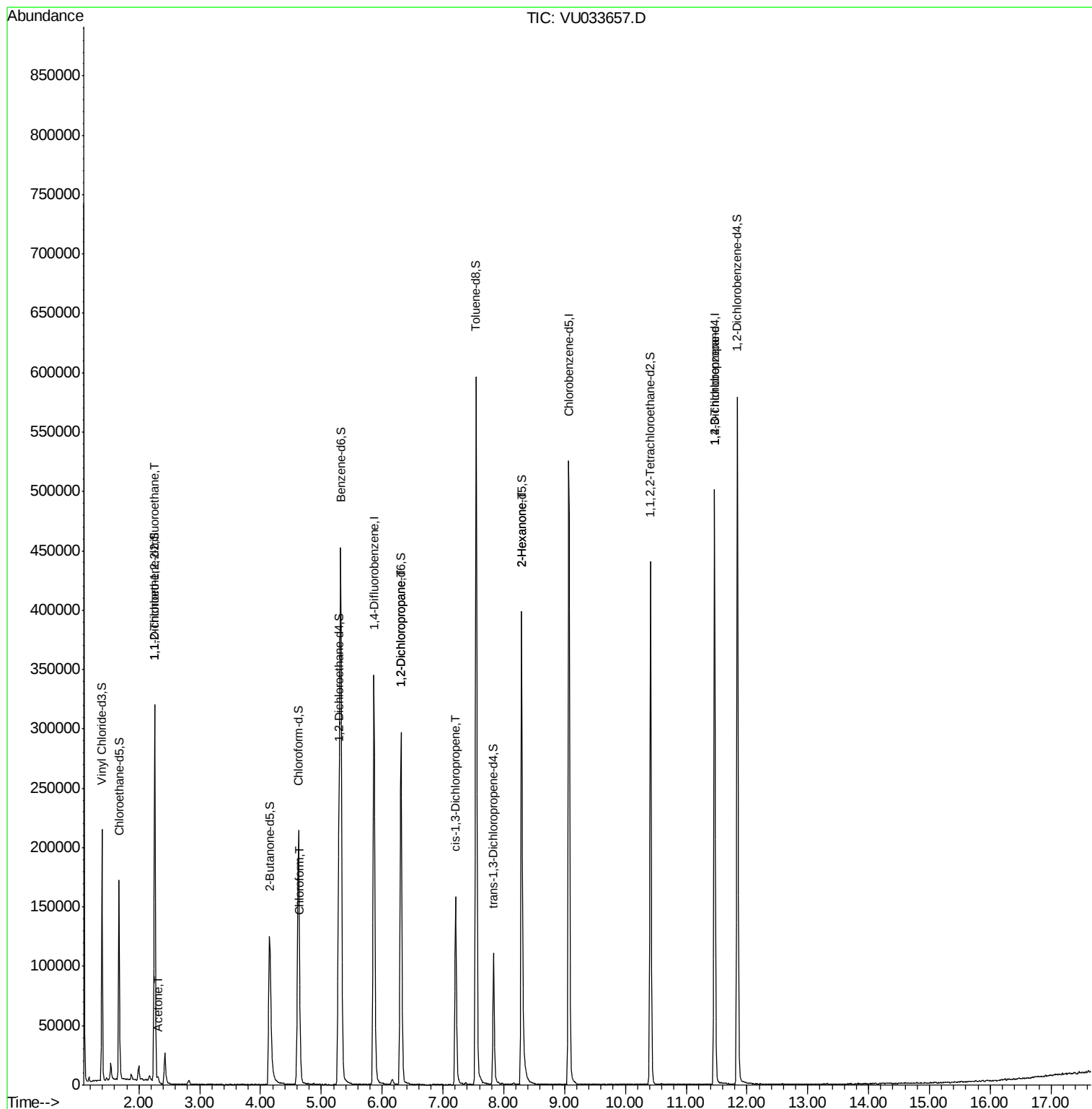
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	1844	0.849	ug/L #	19
13) Acetone	2.31	43	4181	2.535	ug/L	98
25) Chloroform	4.65	83	10095	2.285	ug/L	96
37) 1,2-Dichloropropane	6.31	63	15409	6.062	ug/L #	89
39) cis-1,3-Dichloropropene	7.21	75	3937	1.040	ug/L #	57
48) 2-Hexanone	8.29	43	17276	5.682	ug/L #	71
59) 1,2,3-Trichloropropane	11.47	75	16078	4.632	ug/L	92

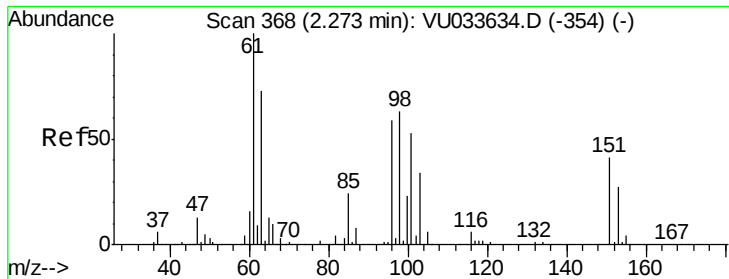
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU033657.D
Acq On : 08 Aug 2019 22:46
Operator : JC/SP
Sample : K4161-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETOD8

Quant Time: Aug 09 07:45:41 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080819WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Aug 09 07:39:51 2019
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.849 ug/L

RT: 2.26 min Scan# 363

Delta R.T. -0.02 min

Lab File: VU033657.D

Acq: 08 Aug 2019 22:46

Instrument :

MSVOA_U

ClientSampleId :

ETOD8

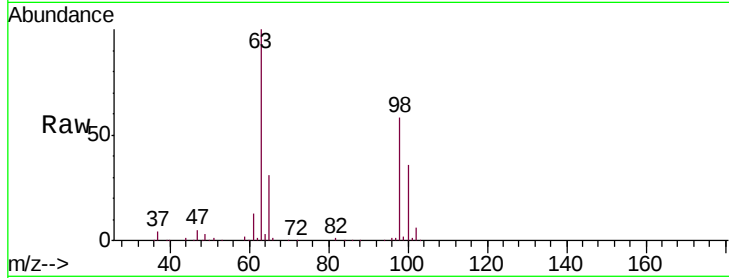
Tgt Ion: 101 Resp: 1844

Ion Ratio Lower Upper

101 100

85 0.0 34.8 52.2#

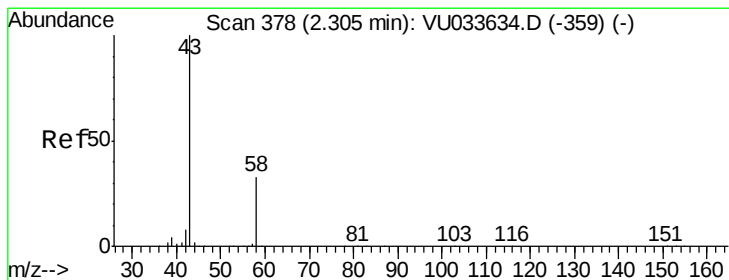
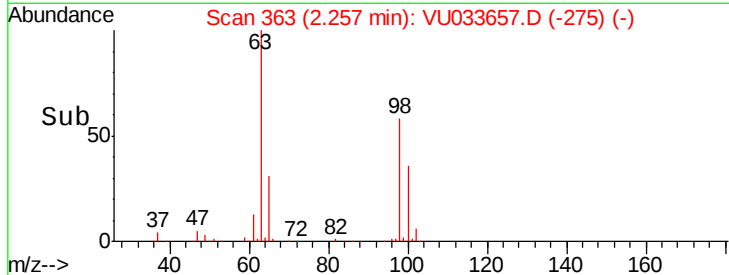
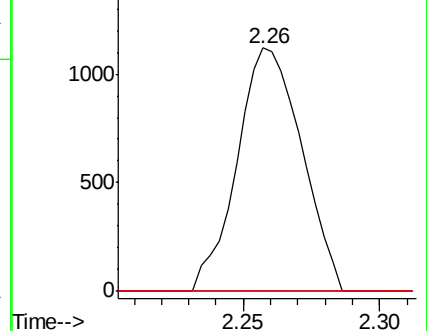
151 0.0 60.4 90.6#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#13

Acetone

Concen: 2.535 ug/L

RT: 2.31 min Scan# 378

Delta R.T. -0.00 min

Lab File: VU033657.D

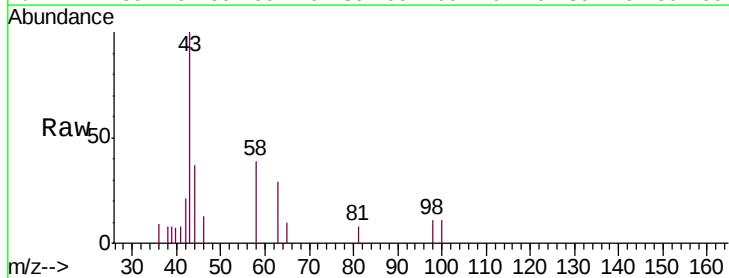
Acq: 08 Aug 2019 22:46

Tgt Ion: 43 Resp: 4181

Ion Ratio Lower Upper

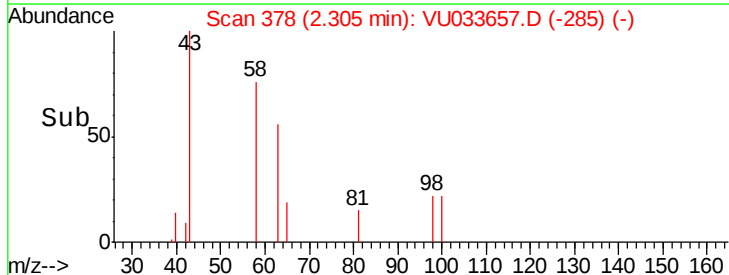
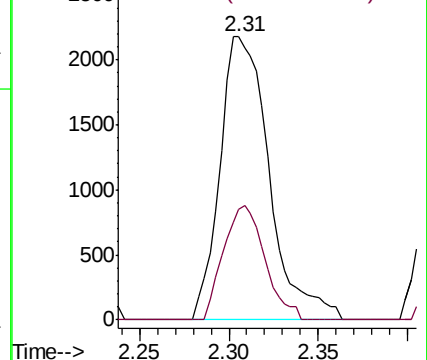
43 100

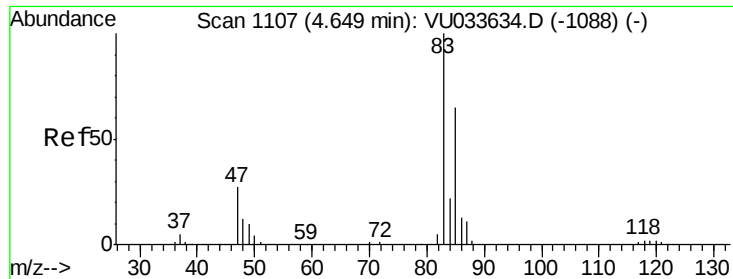
58 33.4 0.0 65.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

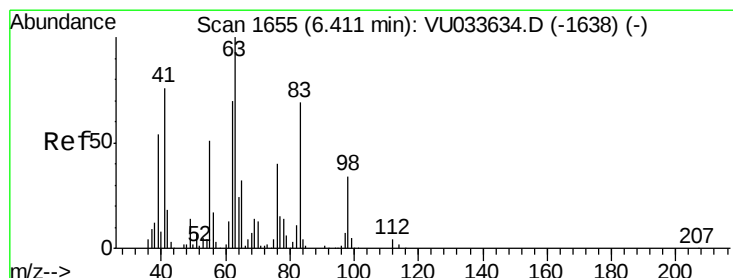
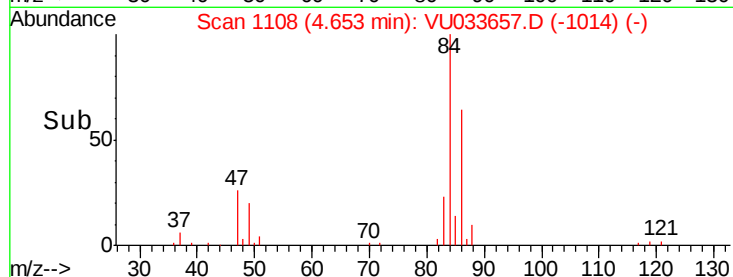
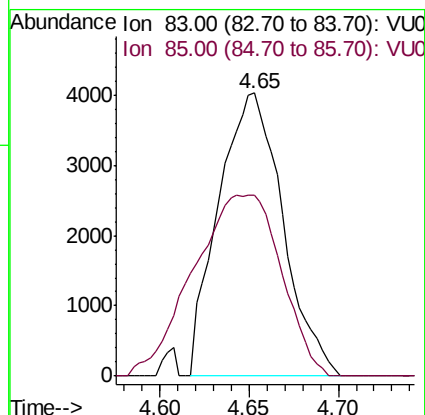
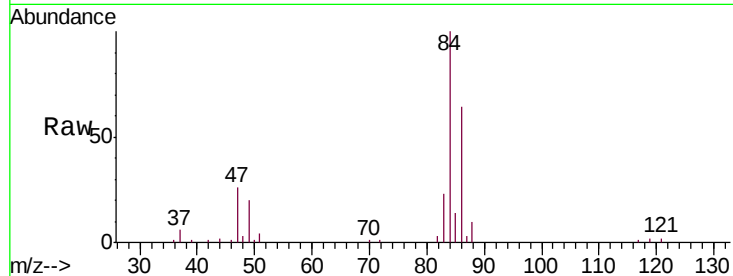




#25
Chloroform
Concen: 2.285 ug/L
RT: 4.65 min Scan# 1108
Delta R.T. 0.00 min
Lab File: VU033657.D
Acq: 08 Aug 2019 22:46

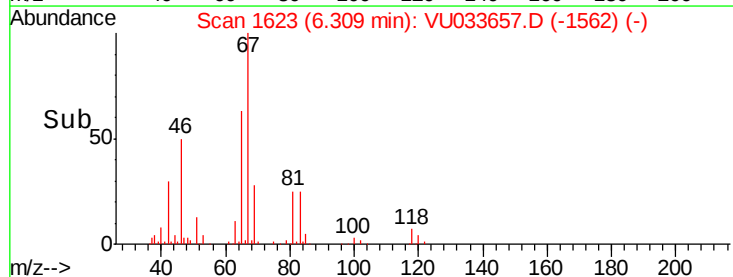
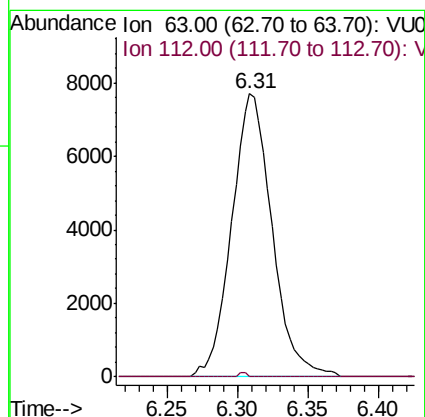
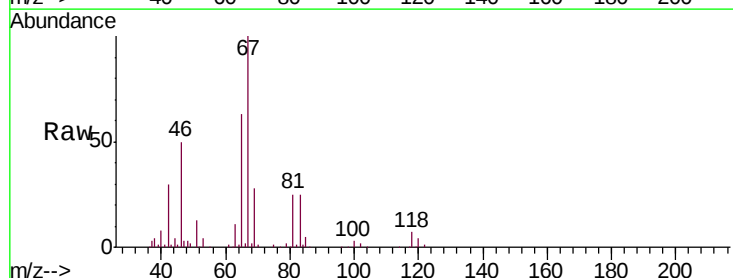
Instrument :
MSVOA_U
ClientSampleId :
ETOD8

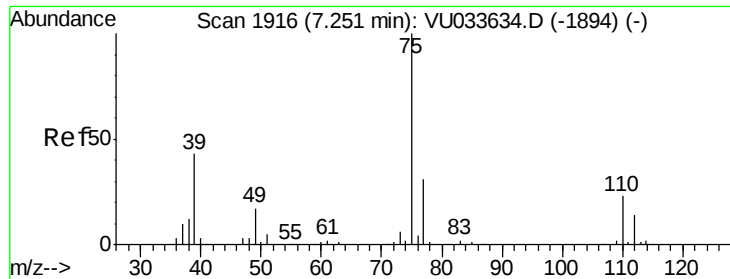
Tgt Ion: 83 Resp: 10095
Ion Ratio Lower Upper
83 100
85 64.0 47.2 87.6



#37
1,2-Dichloropropane
Concen: 6.062 ug/L
RT: 6.31 min Scan# 1623
Delta R.T. -0.10 min
Lab File: VU033657.D
Acq: 08 Aug 2019 22:46

Tgt Ion: 63 Resp: 15409
Ion Ratio Lower Upper
63 100
112 0.3 3.0 4.6#

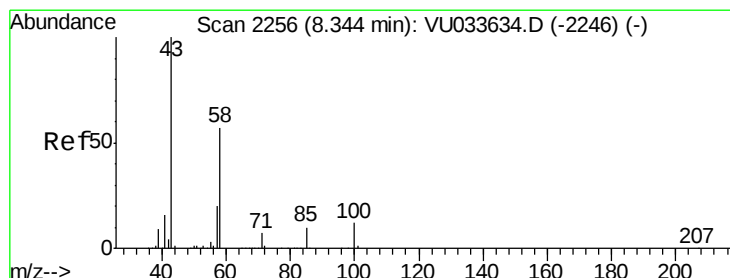
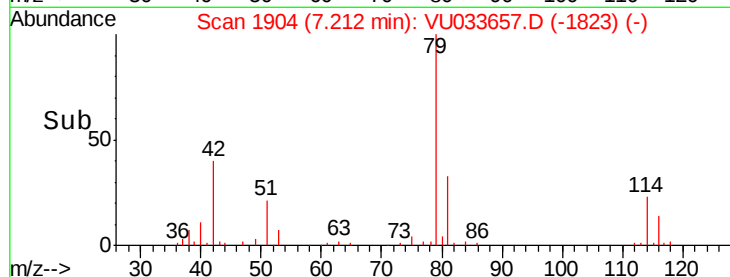
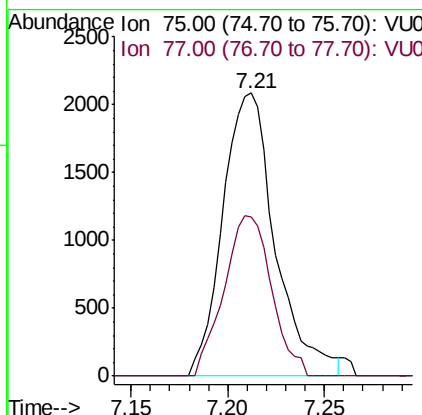
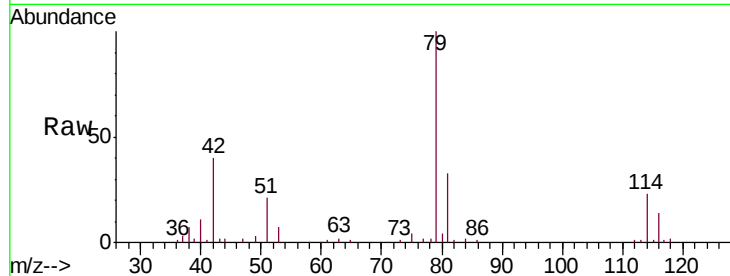




#39
 cis-1,3-Dichloropropene
 Concen: 1.040 ug/L
 RT: 7.21 min Scan# 1904
 Delta R.T. -0.04 min
 Lab File: VU033657.D
 Acq: 08 Aug 2019 22:46

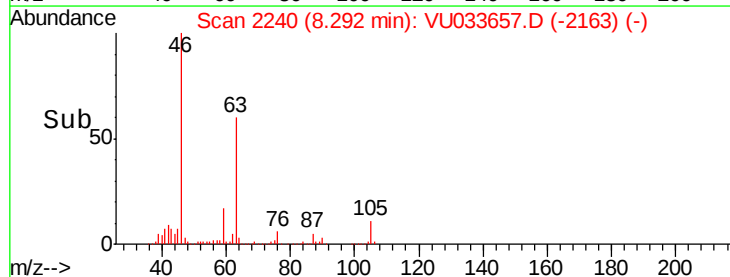
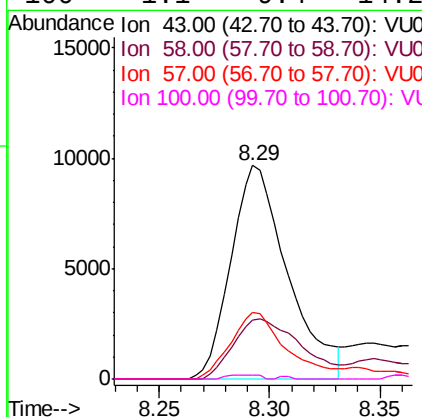
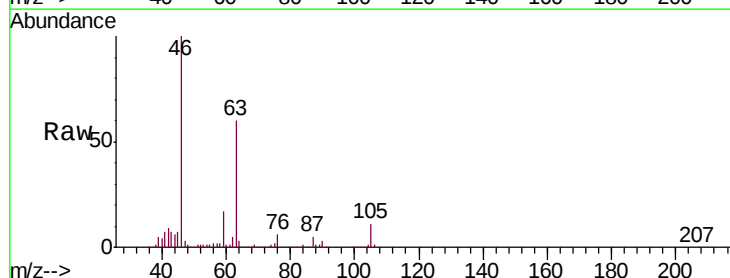
Instrument :
 MSVOA_U
 ClientSampleId :
 ETOD8

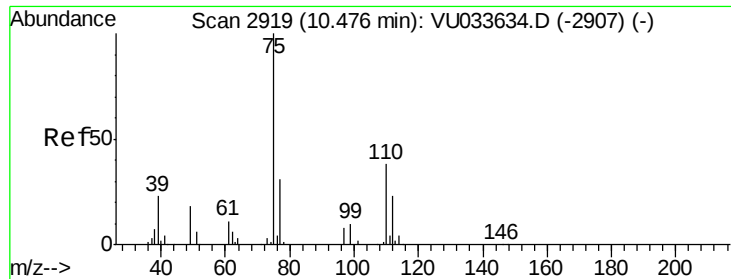
Tgt Ion: 75 Resp: 3937
 Ion Ratio Lower Upper
 75 100
 77 56.1 22.5 41.9#



#48
 2-Hexanone
 Concen: 5.682 ug/L
 RT: 8.29 min Scan# 2240
 Delta R.T. -0.05 min
 Lab File: VU033657.D
 Acq: 08 Aug 2019 22:46

Tgt Ion: 43 Resp: 17276
 Ion Ratio Lower Upper
 43 100
 58 33.4 44.8 67.2#
 57 30.8 15.5 23.3#
 100 1.1 9.4 14.2#





#59

1,2,3-Trichloropropane

Concen: 4.632 ug/L

RT: 11.47 min Scan# 3227

Delta R.T. 0.99 min

Lab File: VU033657.D

Acq: 08 Aug 2019 22:46

Instrument :

MSVOA_U

ClientSampleId :

ETOD8

Tgt Ion: 75 Resp: 16078

Ion Ratio Lower Upper

75 100

77 36.4 25.5 38.3

