

Data File : VU035154.D
Acq On : 14 Oct 2019 16:56
Operator : JC/SP
Sample : K5317-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0CF3

Quant Time: Oct 15 07:57:17 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	5.87	114	182010	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	193880	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	69345	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	44872	4.17	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.40%
7) Chloroethane-d5	1.68	69	44378	4.42	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.40%
11) 1,1-Dichloroethene-d2	2.26	63	66694	2.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.80%#
20) 2-Butanone-d5	4.17	46	139989	44.18	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.36%
24) Chloroform-d	4.63	84	85977	4.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.40%
26) 1,2-Dichloroethane-d4	5.29	65	52562	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.20%
32) Benzene-d6	5.32	84	169551	3.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	74.60%
36) 1,2-Dichloropropane-d6	6.31	67	62827	4.13	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.60%
41) Toluene-d8	7.55	98	147746	3.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	67.20%#
43) trans-1,3-Dichloropropene-	7.84	79	17744	3.25	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	65.00%
46) 2-Hexanone-d5	8.31	63	97212	37.37	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	74.74%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	52641	4.11	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.20%
64) 1,2-Dichlorobenzene-d4	11.85	152	50553	4.32	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.40%

Target Compounds

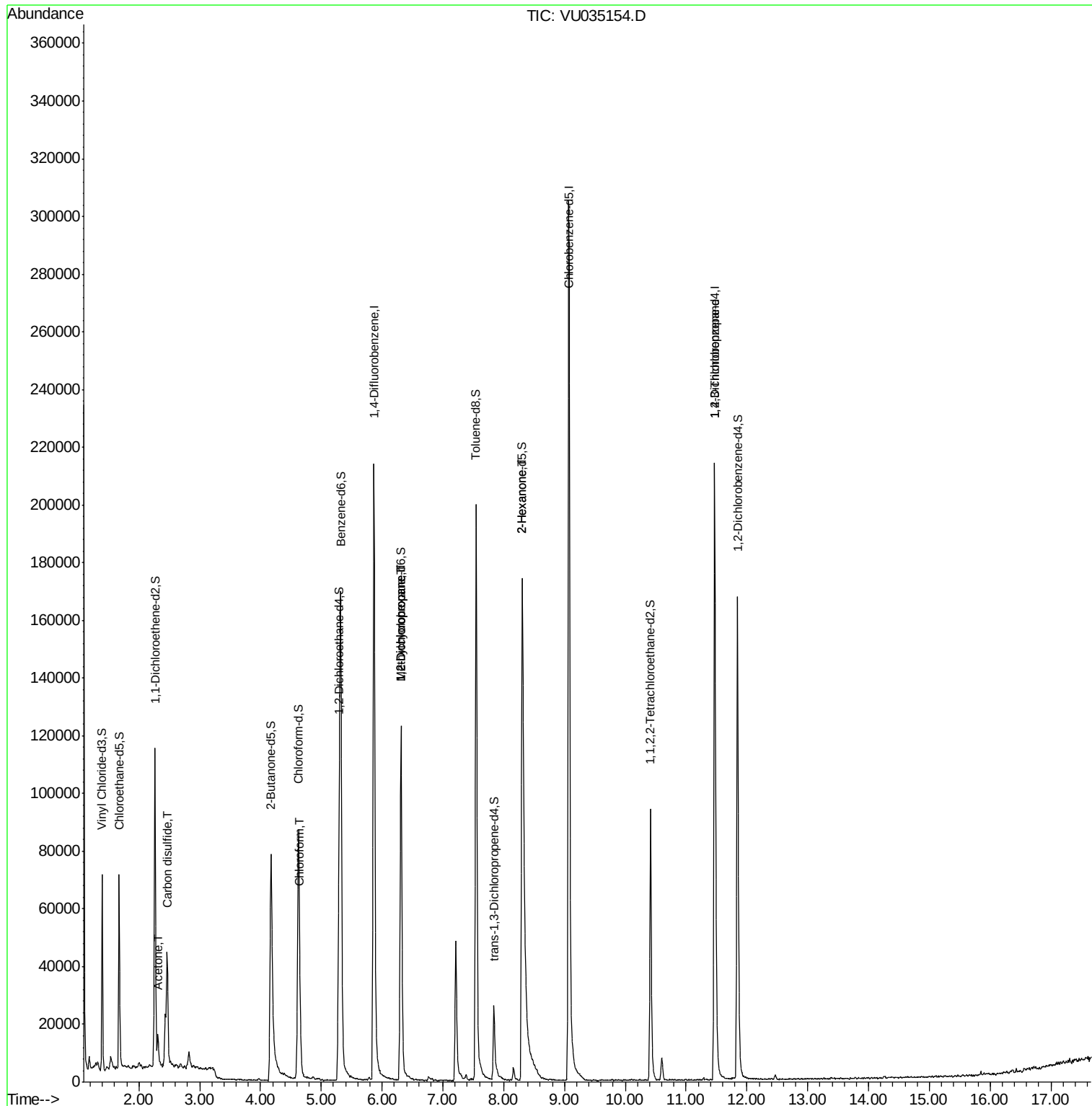
						Qvalue
13) Acetone	2.31	43	10936	4.214	ug/L	95
14) Carbon disulfide	2.47	76	46705	1.200	ug/L	99
25) Chloroform	4.65	83	6909	0.247	ug/L	95
35) Methylcyclohexane	6.31	83	13793	0.565	ug/L #	18
37) 1,2-Dichloropropane	6.31	63	6943	0.441	ug/L #	88
48) 2-Hexanone	8.31	43	10548	1.552	ug/L #	53
59) 1,2,3-Trichloropropane	11.47	75	8820	0.865	ug/L	93

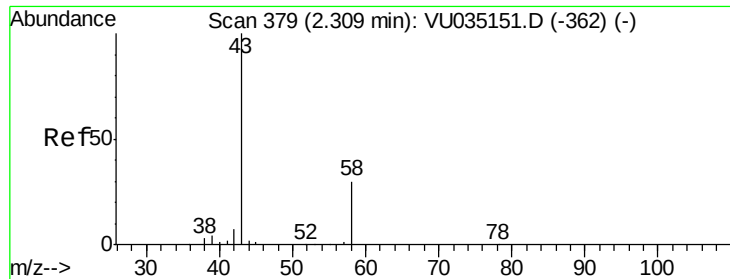
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.214 ug/L

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

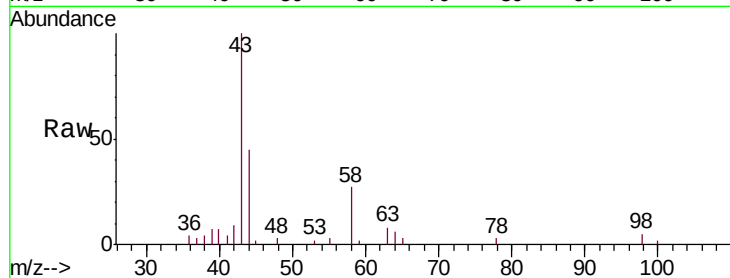
C0CF3

Tgt Ion: 43 Resp: 10936

Ion Ratio Lower Upper

43 100

58 30.7 0.0 66.6



Abundance Ion 43.05 (42.75 to 43.75): VU035151.D (-362) (-)

Ion 58.05 (57.75 to 58.75): VU035151.D (-362) (-)

2.31

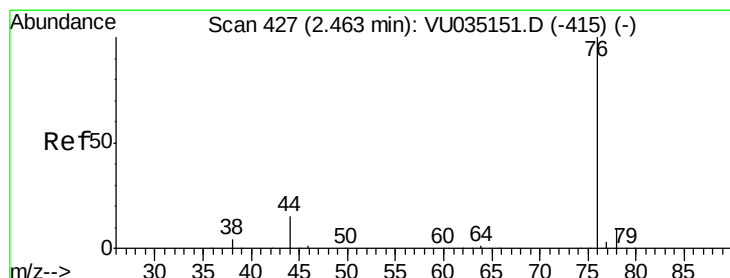
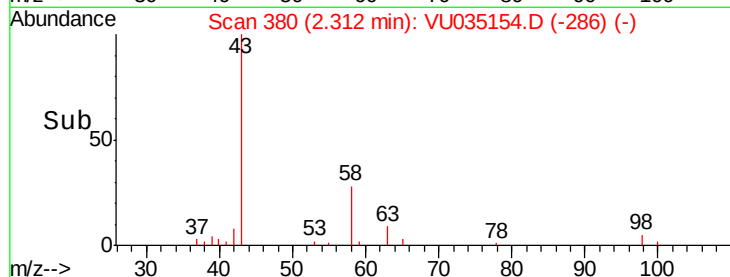
6000

4000

2000

0

Time-->



#14

Carbon disulfide

Concen: 1.200 ug/L

RT: 2.47 min Scan# 428

Delta R.T. 0.00 min

Lab File: VU035154.D

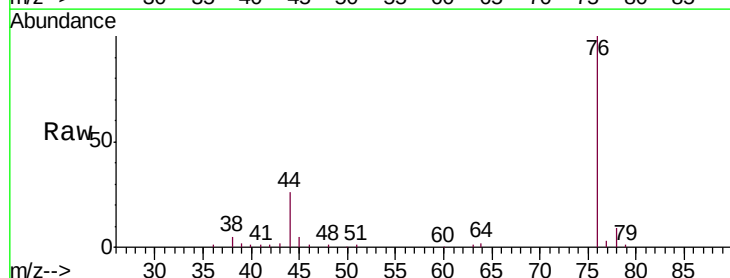
Acq: 14 Oct 2019 16:56

Tgt Ion: 76 Resp: 46705

Ion Ratio Lower Upper

76 100

78 9.2 7.1 10.7



Abundance Ion 76.05 (75.75 to 76.75): VU035151.D (-415) (-)

Ion 78.00 (77.70 to 78.70): VU035151.D (-415) (-)

2.47

30000

25000

20000

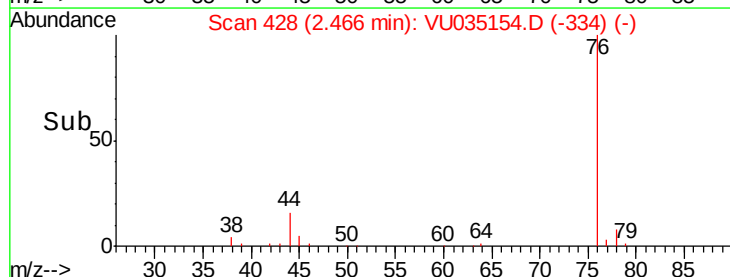
15000

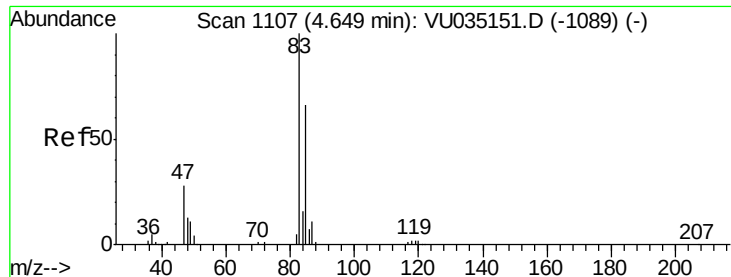
10000

5000

0

Time-->

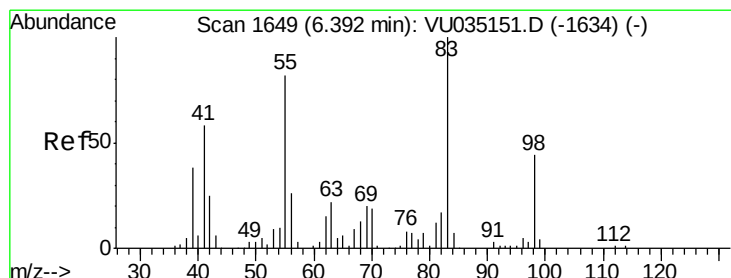
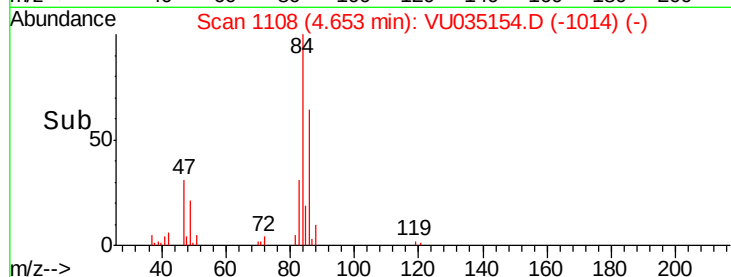
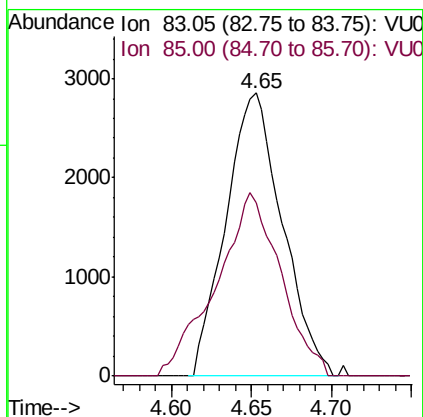
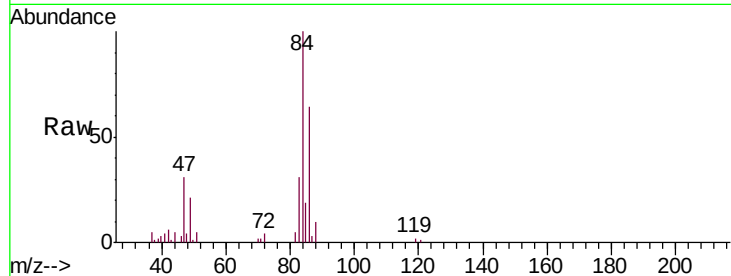




#25
Chloroform
Concen: 0.247 ug/L
RT: 4.65 min Scan# 1108
Delta R.T. 0.00 min
Lab File: VU035154.D
Acq: 14 Oct 2019 16:56

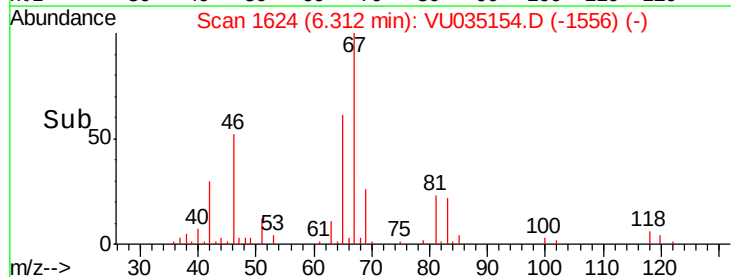
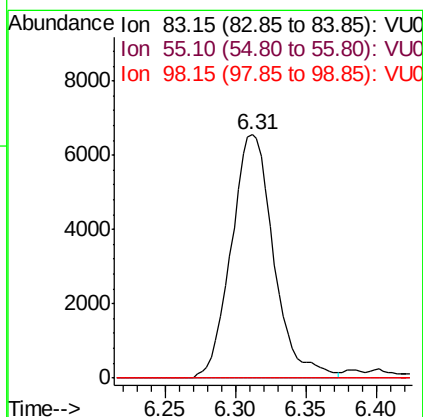
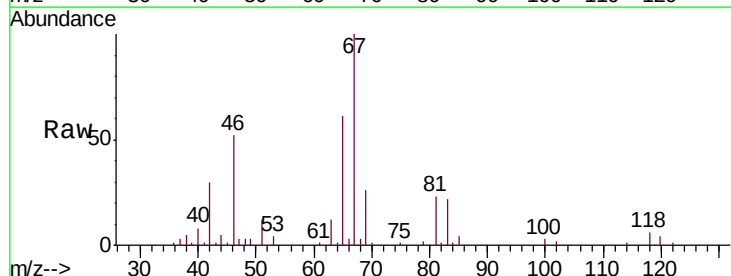
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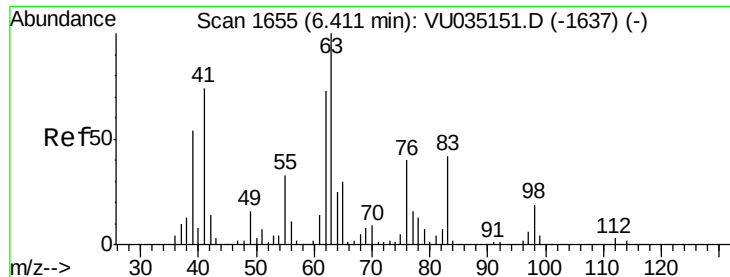
Tgt Ion: 83 Resp: 6909
Ion Ratio Lower Upper
83 100
85 61.2 45.4 84.4



#35
Methylcyclohexane
Concen: 0.565 ug/L
RT: 6.31 min Scan# 1624
Delta R.T. -0.08 min
Lab File: VU035154.D
Acq: 14 Oct 2019 16:56

Tgt Ion: 83 Resp: 13793
Ion Ratio Lower Upper
83 100
55 0.0 62.6 94.0#
98 0.1 36.2 54.2#

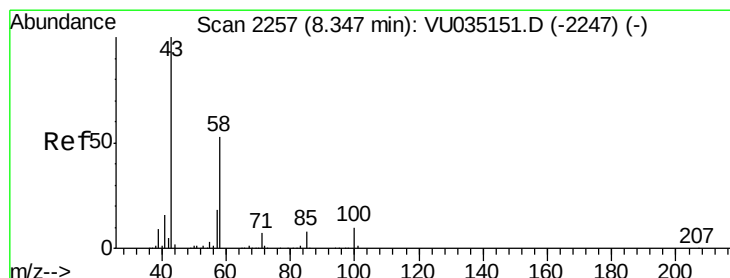
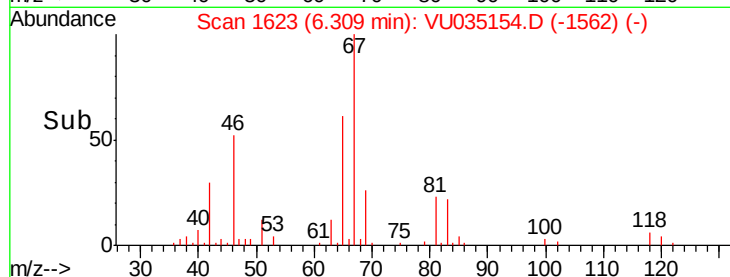
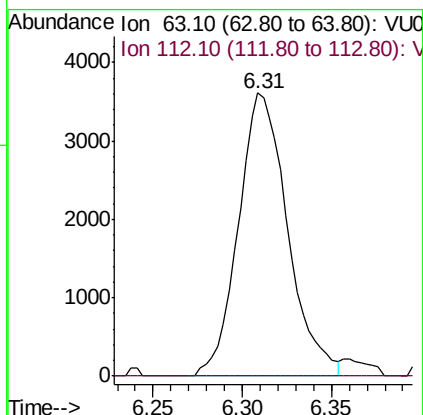
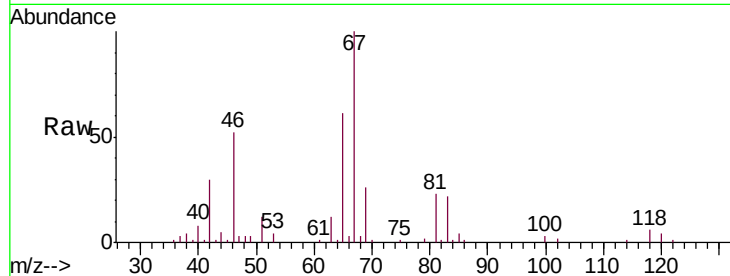




#37
 1,2-Dichloropropane
 Concen: 0.441 ug/L
 RT: 6.31 min Scan# 1623
 Delta R.T. -0.10 min
 Lab File: VU035154.D
 Acq: 14 Oct 2019 16:56

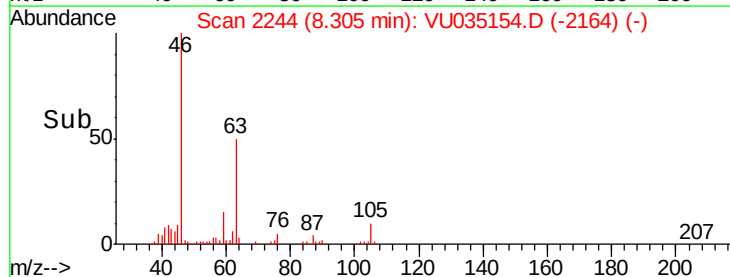
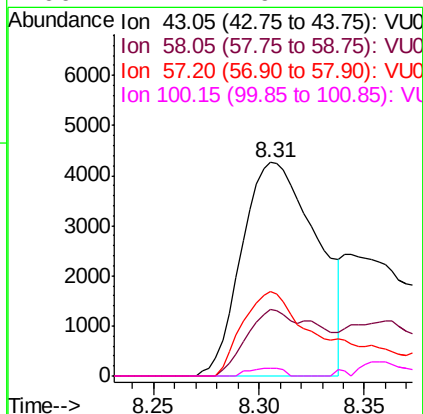
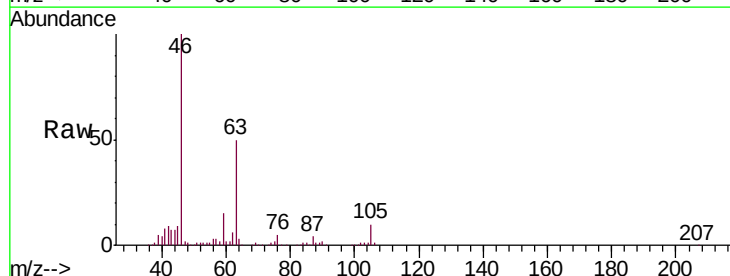
Instrument :
 MSVOA_U
 ClientSampleId :
 C0CF3

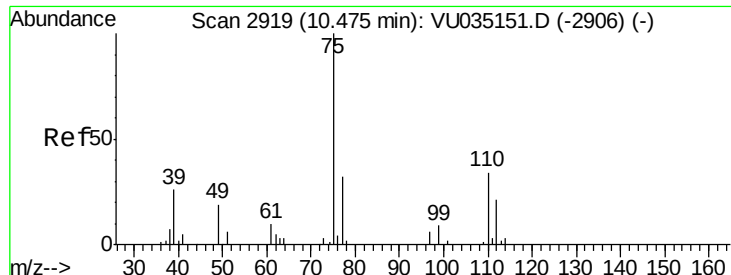
Tgt Ion: 63 Resp: 6943
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



#48
 2-Hexanone
 Concen: 1.552 ug/L
 RT: 8.31 min Scan# 2244
 Delta R.T. -0.04 min
 Lab File: VU035154.D
 Acq: 14 Oct 2019 16:56

Tgt Ion: 43 Resp: 10548
 Ion Ratio Lower Upper
 43 100
 58 19.5 44.1 66.1#
 57 44.8 15.8 23.8#
 100 1.7 9.4 14.2#





#59

1,2,3-Trichloropropane

Concen: 0.865 ug/L

RT: 11.47 min Scan# 3228

Delta R.T. 0.99 min

Lab File: VU035154.D

Acq: 14 Oct 2019 16:56

Instrument :

MSVOA_U

ClientSampleId :

C0CF3

Tgt Ion: 75 Resp: 8820

Ion Ratio Lower Upper

75 100

77 37.3 26.5 39.7

