

Data File : VU030539.D
Acq On : 29 Mar 2019 13:16
Operator : JC/SP
Sample : K2084-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF7Z1

Quant Time: Mar 30 01:12:29 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR032919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Mar 30 00:57:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	212549	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	208052	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	87994	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	82083	5.05	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.00%
7) Chloroethane-d5	1.68	69	68218	5.21	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.20%
11) 1,1-Dichloroethene-d2	2.27	63	123818	3.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.40%
20) 2-Butanone-d5	4.20	46	201761	48.21	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.42%
24) Chloroform-d	4.65	84	137824	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.00%
26) 1,2-Dichloroethane-d4	5.31	65	71111	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.20%
32) Benzene-d6	5.34	84	275448	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.60%
36) 1,2-Dichloropropane-d6	6.33	67	93237	5.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.40%
41) Toluene-d8	7.56	98	229642	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.00%
43) trans-1,3-Dichloropropene-	7.85	79	31078	4.55	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.00%
46) 2-Hexanone-d5	8.31	63	142721	48.10	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.20%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	64511	4.90	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.00%
64) 1,2-Dichlorobenzene-d4	11.86	152	76180	5.17	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.40%

Target Compounds

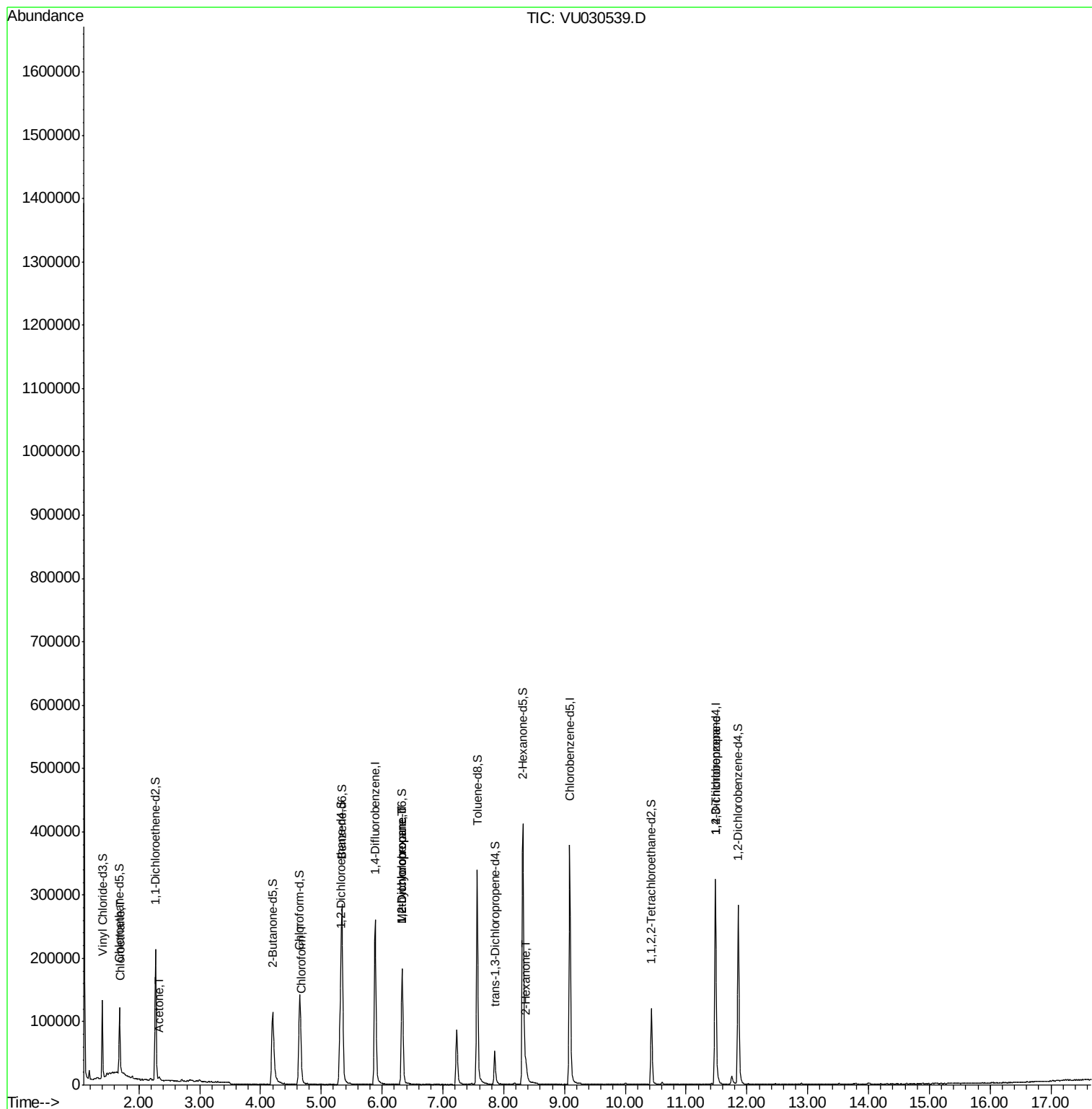
					Qvalue	
8) Chloroethane	1.70	64	2506	0.173	ug/L #	53
13) Acetone	2.33	43	4124	1.274	ug/L	95
25) Chloroform	4.68	83	9333	0.296	ug/L	92
35) Methylcyclohexane	6.33	83	20461	0.728	ug/L #	14
37) 1,2-Dichloropropane	6.33	63	10280	0.531	ug/L #	89
48) 2-Hexanone	8.37	43	12759	1.524	ug/L	98
59) 1,2,3-Trichloropropane	11.48	75	12182	1.126	ug/L	94

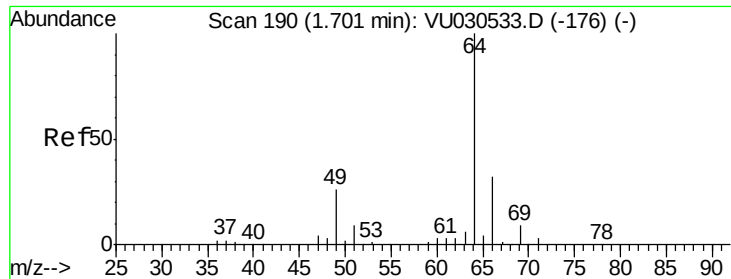
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 0.173 ug/L

RT: 1.70 min Scan# 189

Delta R.T. -0.00 min

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MSVOA_U

ClientSampleId :

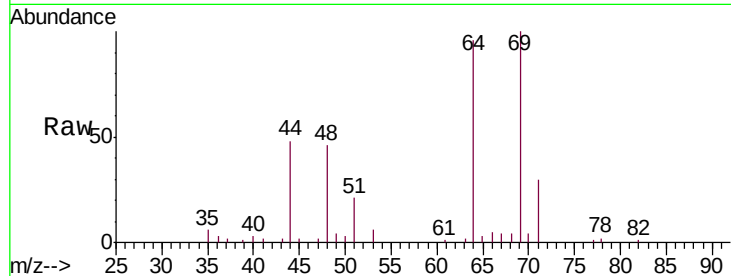
BF7Z1

Tgt Ion: 64 Resp: 2506

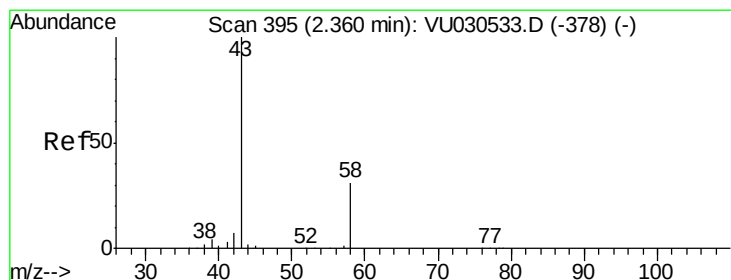
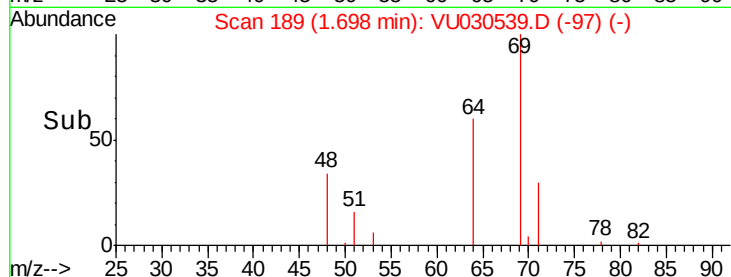
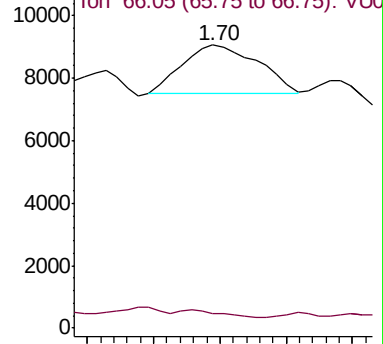
Ion Ratio Lower Upper

64 100

66 5.3 22.1 41.1#



Abundance Ion 64.10 (63.80 to 64.80): VU030539.D (-176) (-)



#13

Acetone

Concen: 1.274 ug/L

RT: 2.33 min Scan# 387

Delta R.T. -0.03 min

Lab File: VU030539.D

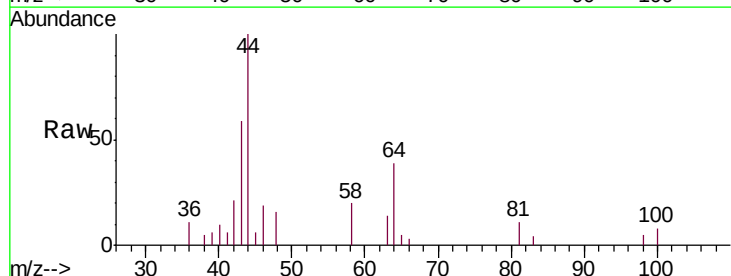
Acq: 29 Mar 2019 13:16

Tgt Ion: 43 Resp: 4124

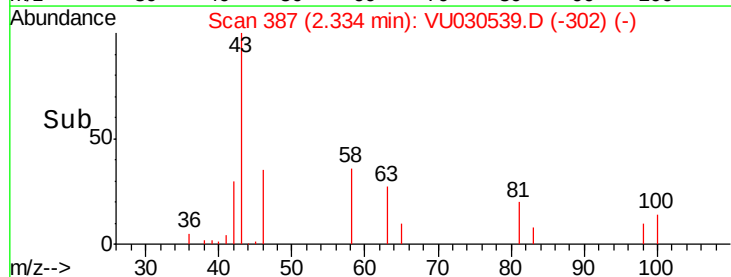
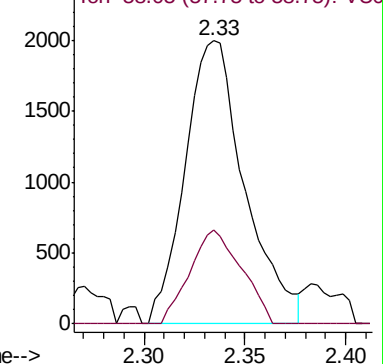
Ion Ratio Lower Upper

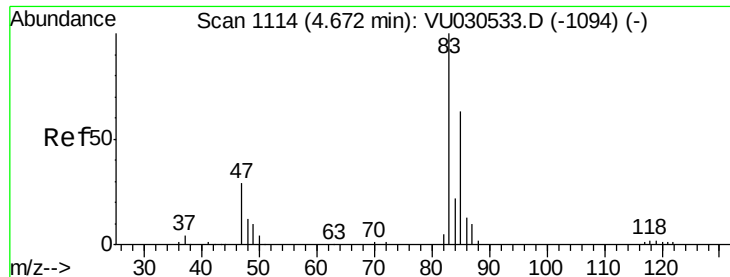
43 100

58 28.8 0.0 62.8



Abundance Ion 43.05 (42.75 to 43.75): VU030539.D (-302) (-)





#25

Chloroform

Concen: 0.296 ug/L

RT: 4.68 min Scan# 1115

Delta R.T. 0.00 min

Lab File: VU030539.D

Acq: 29 Mar 2019 13:16

Instrument :

MSVOA_U

ClientSampleId :

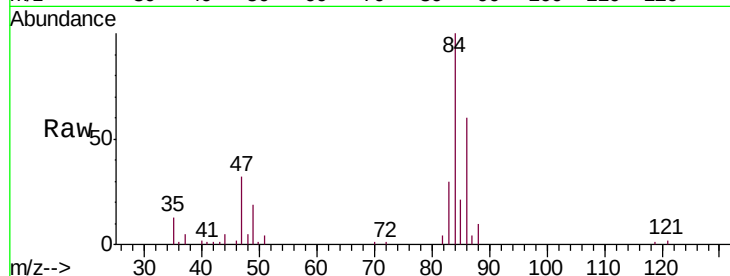
BF7Z1

Tgt Ion: 83 Resp: 9333

Ion Ratio Lower Upper

83 100

85 69.6 44.2 82.2



Abundance Ion 83.05 (82.75 to 83.75): VU030539.D (-1094) (-)

Ion 85.00 (84.70 to 85.70): VU030539.D (-1094) (-)

4.68

3000

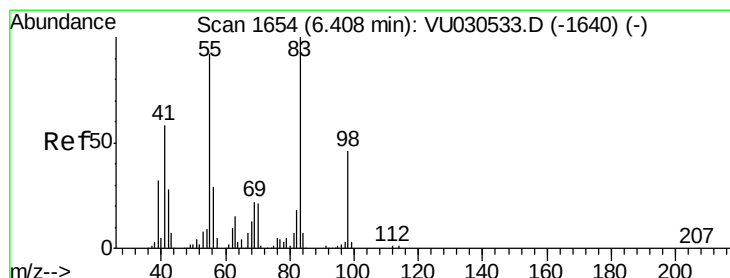
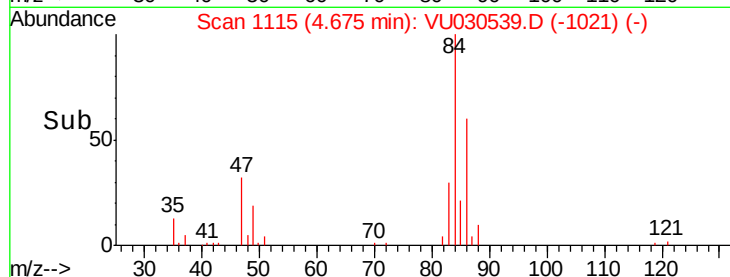
2000

1000

0

4.60 4.65 4.70 4.75

Time-->



#35

Methylcyclohexane

Concen: 0.728 ug/L

RT: 6.33 min Scan# 1630

Delta R.T. -0.08 min

Lab File: VU030539.D

Acq: 29 Mar 2019 13:16

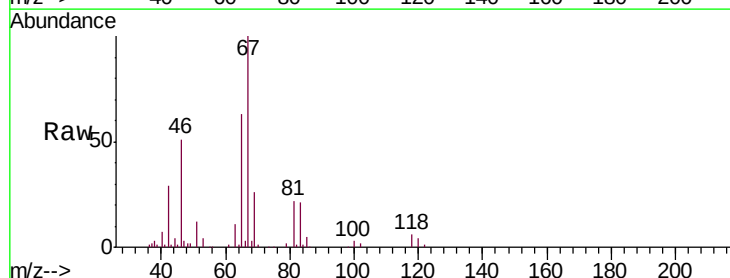
Tgt Ion: 83 Resp: 20461

Ion Ratio Lower Upper

83 100

55 0.2 72.6 108.8#

98 1.0 35.0 52.6#



Abundance Ion 83.15 (82.85 to 83.85): VU030539.D (-1561) (-)

Ion 55.10 (54.80 to 55.80): VU030539.D (-1561) (-)

Ion 98.15 (97.85 to 98.85): VU030539.D (-1561) (-)

6.33

12000

10000

8000

6000

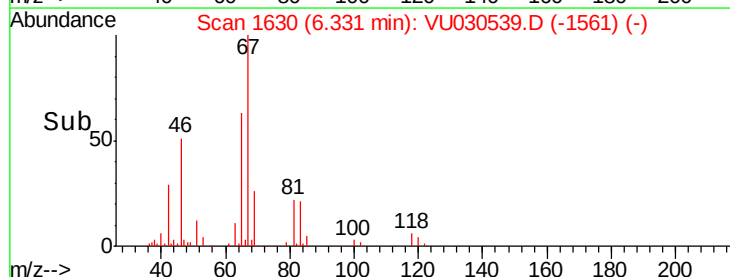
4000

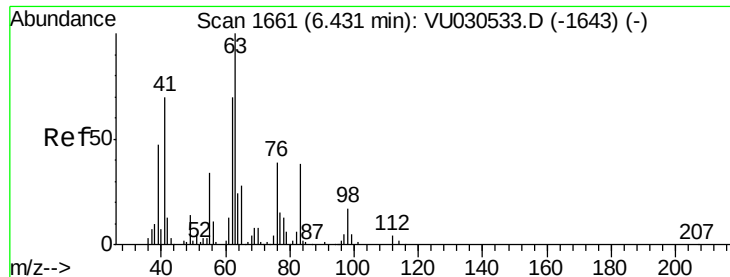
2000

0

6.25 6.30 6.35 6.40

Time-->

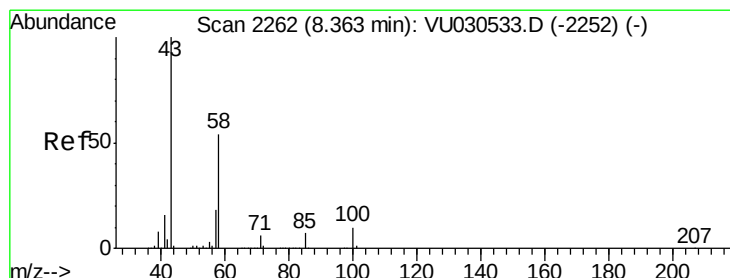
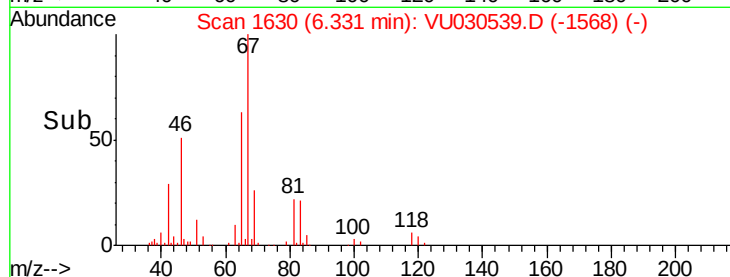
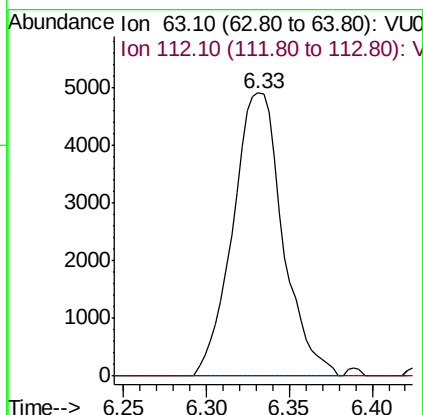
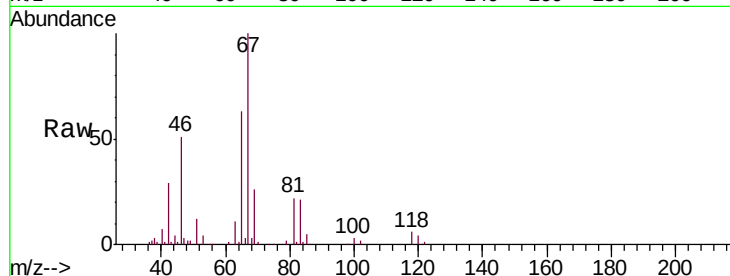




#37
 1,2-Dichloropropane
 Concen: 0.531 ug/L
 RT: 6.33 min Scan# 1630
 Delta R.T. -0.10 min
 Lab File: VU030539.D
 Acq: 29 Mar 2019 13:16

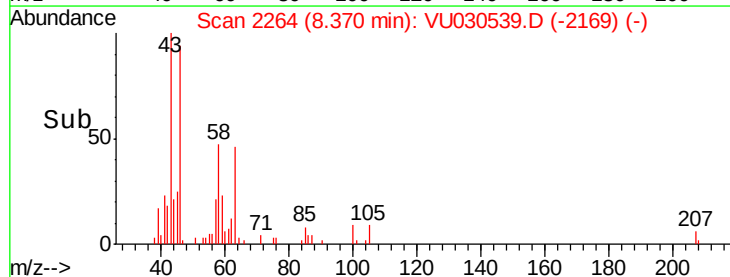
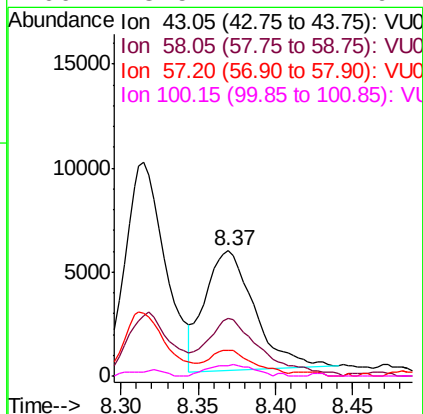
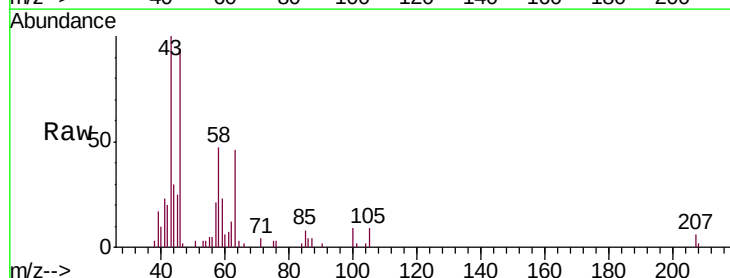
Instrument :
 MSVOA_U
 ClientSampled :
 BF7Z1

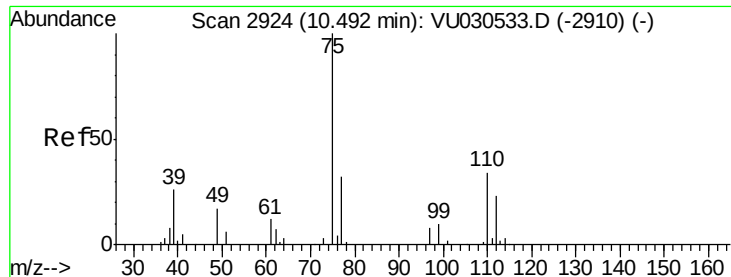
Tgt Ion: 63 Resp: 10280
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.8 4.2#



#48
 2-Hexanone
 Concen: 1.524 ug/L
 RT: 8.37 min Scan# 2264
 Delta R.T. 0.01 min
 Lab File: VU030539.D
 Acq: 29 Mar 2019 13:16

Tgt Ion: 43 Resp: 12759
 Ion Ratio Lower Upper
 43 100
 58 53.9 42.5 63.7
 57 19.6 13.9 20.9
 100 8.5 7.1 10.7





#59

1,2,3-Trichloropropane

Concen: 1.126 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU030539.D

Acq: 29 Mar 2019 13:16

Instrument :

MSVOA_U

ClientSampleId :

BF7Z1

Tgt Ion: 75 Resp: 12182

Ion Ratio Lower Upper

75 100

77 35.4 25.6 38.4

