

Data File : VU035436.D
Acq On : 24 Oct 2019 04:44
Operator : JC/SP
Sample : K5488-19
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 45 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H0G21

Quant Time: Oct 24 07:54:09 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 24 07:51:06 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	205581	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	218660	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.85	152	63359	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	51557	4.11	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.20%
7) Chloroethane-d5	1.93	69	55354	4.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.60%
11) 1,1-Dichloroethene-d2	2.60	63	76468	3.30	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.00%
20) 2-Butanone-d5	4.70	46	234647	65.14	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	130.28%#
24) Chloroform-d	5.12	84	109781	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.80%
26) 1,2-Dichloroethane-d4	5.75	65	75749	5.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	119.40%
32) Benzene-d6	5.77	84	223602	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.40%
36) 1,2-Dichloropropane-d6	6.74	67	84895	5.35	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.00%
41) Toluene-d8	7.93	98	178165	3.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.40%
43) trans-1,3-Dichloropropene-	8.22	79	27353	3.55	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	71.00%
46) 2-Hexanone-d5	8.69	63	149417	43.97	ug/L	0.01
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.94%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	55403	3.92	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	78.40%
64) 1,2-Dichlorobenzene-d4	12.23	152	56747	4.92	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.40%

Target Compounds

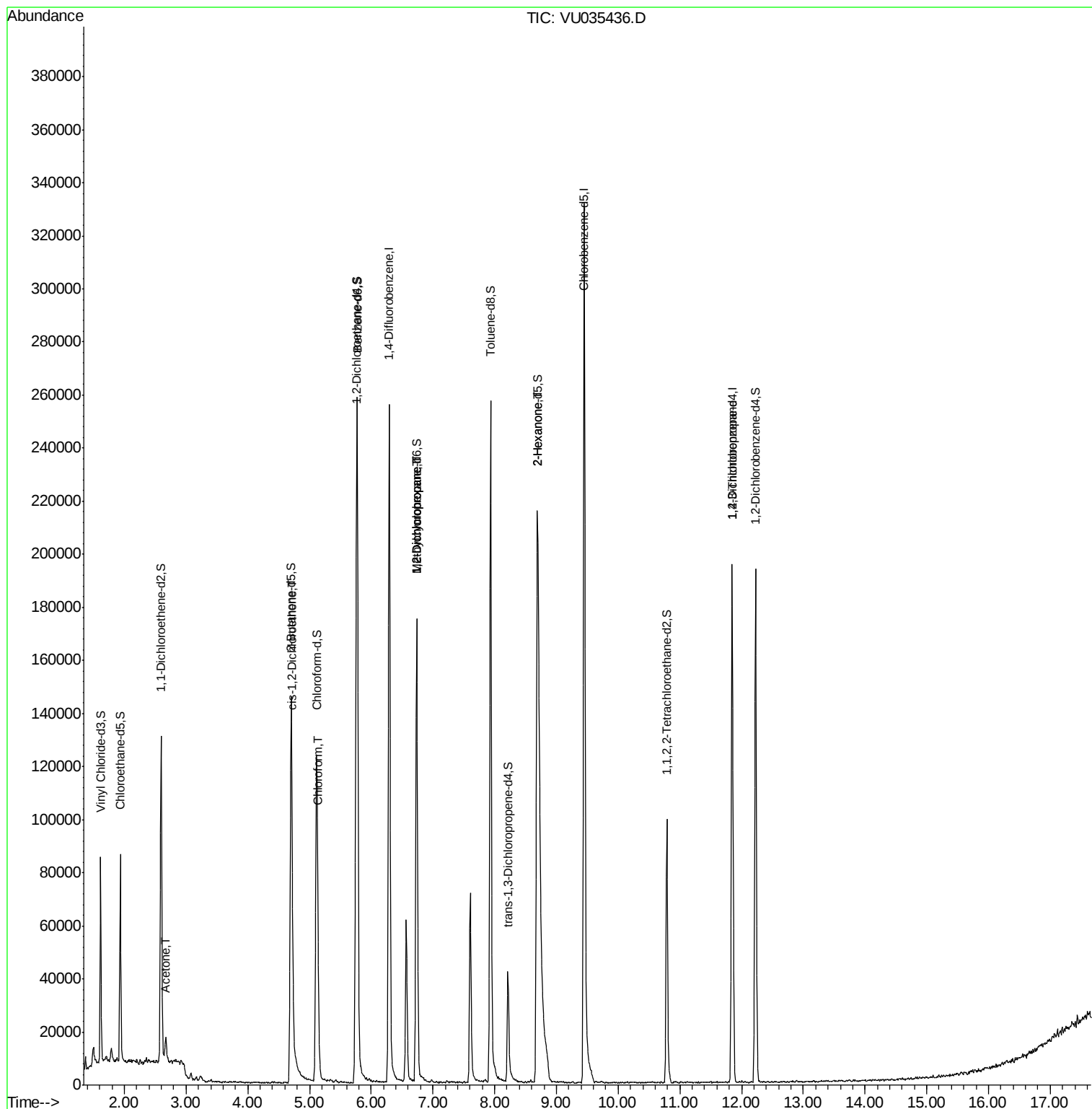
					Qvalue
13) Acetone	2.67	43	10039	4.006	ug/L 98
22) cis-1,2-Dichloroethene	4.72	96	2156	0.137	ug/L 79
25) Chloroform	5.14	83	20517	0.725	ug/L 96
35) Methylcyclohexane	6.74	83	19314	0.668	ug/L # 36
37) 1,2-Dichloropropane	6.74	63	9095	0.557	ug/L # 86
48) 2-Hexanone	8.70	43	17630	2.280	ug/L # 60
59) 1,2,3-Trichloropropane	11.84	75	8713	0.766	ug/L 98

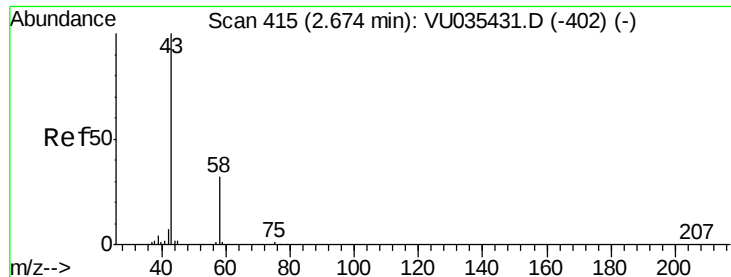
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.006 ug/L

RT: 2.67 min Scan# 415

Delta R.T. -0.00 min

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Acq: 24 Oct 2019 04:44

Instrument :

MSVOA_U

ClientSampleId :

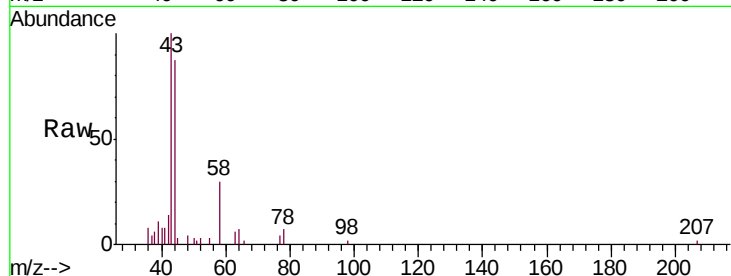
H0G21

Tgt Ion: 43 Resp: 10039

Ion Ratio Lower Upper

43 100

58 30.0 0.0 61.8



Abundance Ion 43.05 (42.75 to 43.75): VU035431.D (-402) (-)

Ion 58.05 (57.75 to 58.75): VU035431.D (-402) (-)

2.67

6000

5000

4000

3000

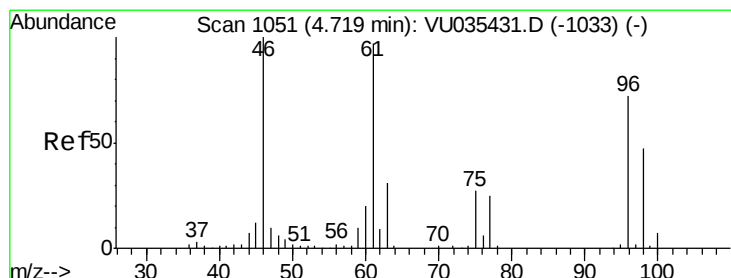
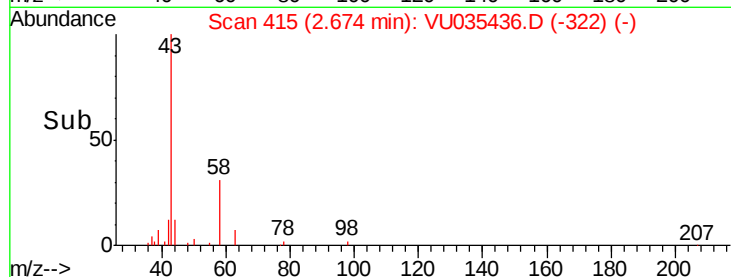
2000

1000

0

Time-->

2.60 2.65 2.70 2.75



#22

cis-1,2-Dichloroethene

Concen: 0.137 ug/L

RT: 4.72 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VU035436.D

Acq: 24 Oct 2019 04:44

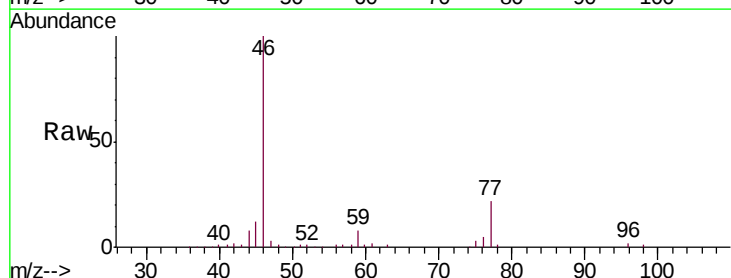
Tgt Ion: 96 Resp: 2156

Ion Ratio Lower Upper

96 100

61 103.5 89.7 166.5

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU035431.D (-1033) (-)

Ion 61.05 (60.75 to 61.75): VU035431.D (-1033) (-)

Ion 68.15 (67.85 to 68.85): VU035431.D (-1033) (-)

1500

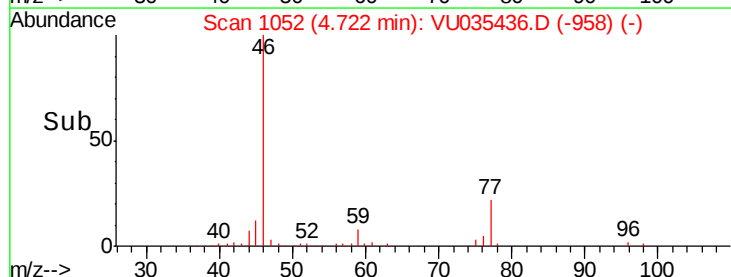
1000

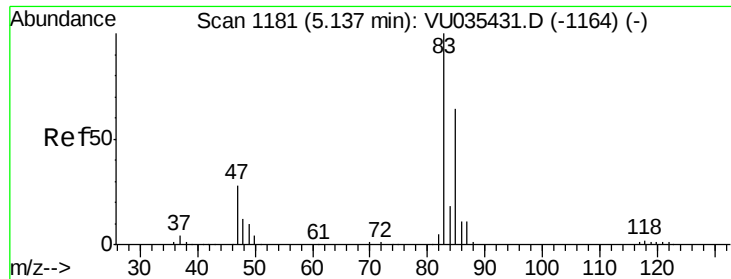
500

0

Time-->

4.65 4.70 4.75

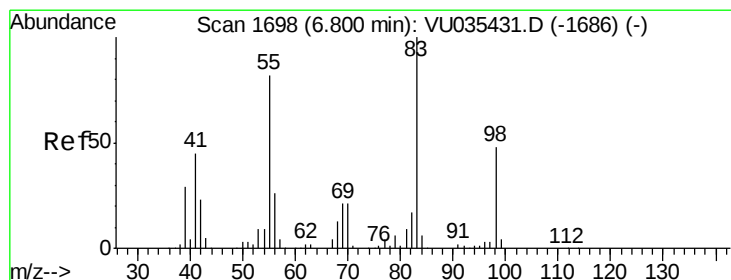
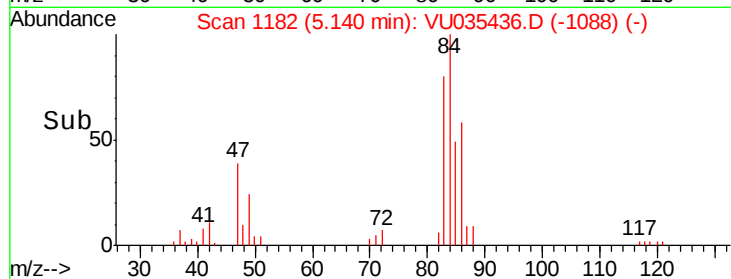
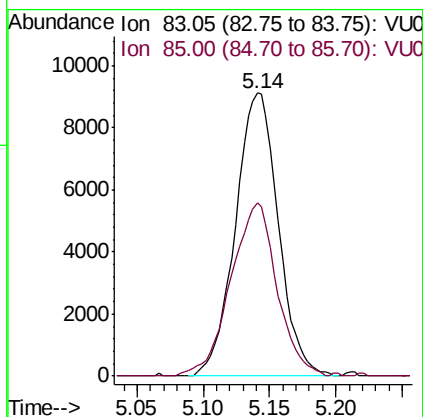
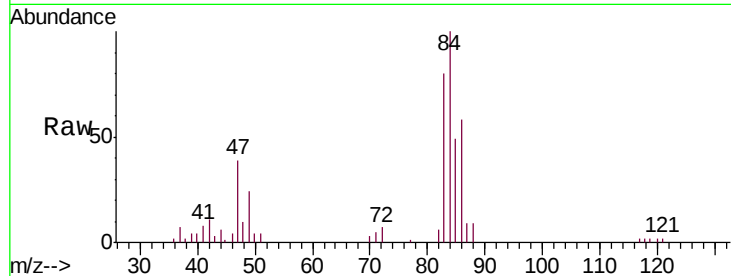




#25
Chloroform
Concen: 0.725 ug/L
RT: 5.14 min Scan# 1182
Delta R.T. 0.00 min
Lab File: VU035436.D
Acq: 24 Oct 2019 04:44

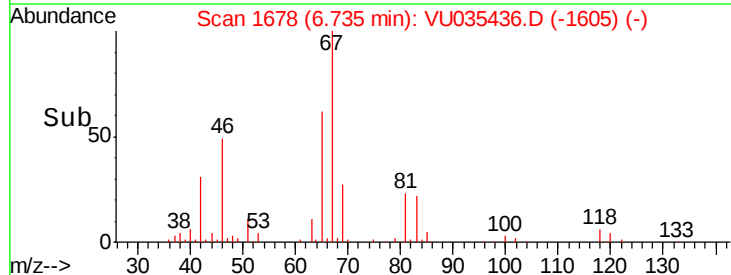
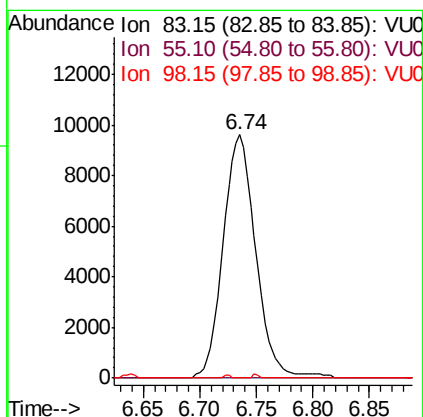
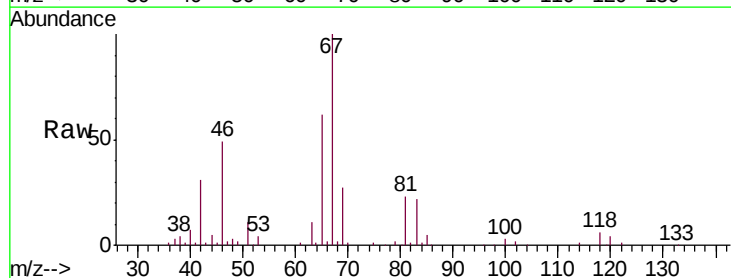
Instrument :
MSVOA_U
ClientSampled :
H0G21

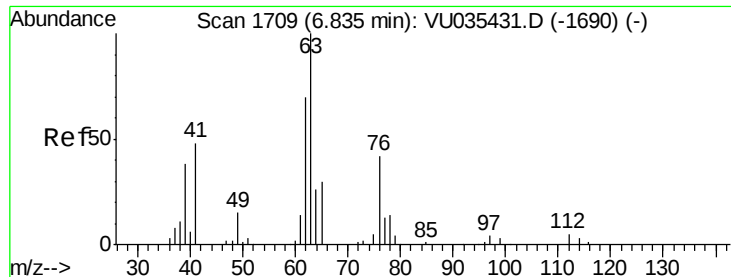
Tgt Ion: 83 Resp: 20517
Ion Ratio Lower Upper
83 100
85 61.1 45.1 83.9



#35
Methylcyclohexane
Concen: 0.668 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.06 min
Lab File: VU035436.D
Acq: 24 Oct 2019 04:44

Tgt Ion: 83 Resp: 19314
Ion Ratio Lower Upper
83 100
55 0.0 60.4 90.6#
98 67.2 39.5 59.3#

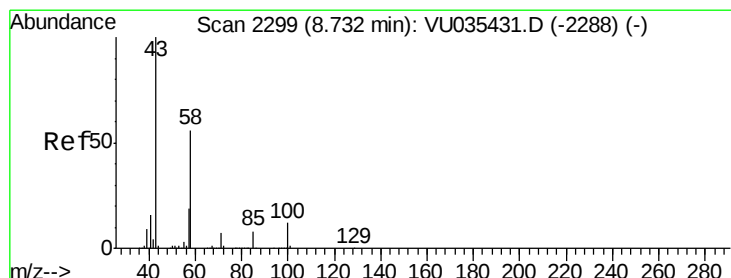
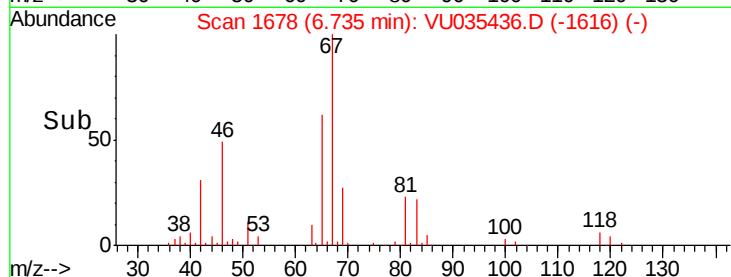
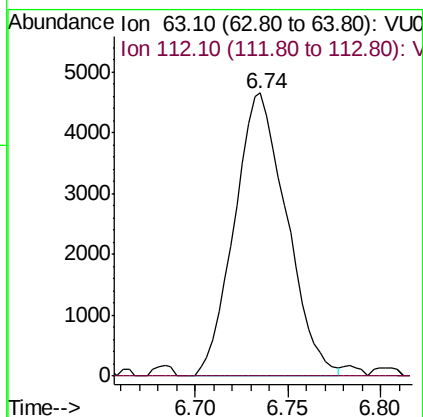
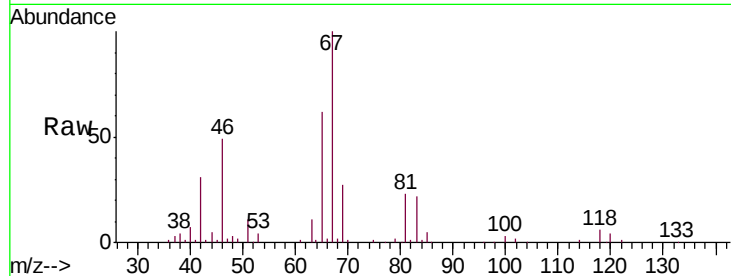




#37
 1,2-Dichloropropane
 Concen: 0.557 ug/L
 RT: 6.74 min Scan# 1678
 Delta R.T. -0.10 min
 Lab File: VU035436.D
 Acq: 24 Oct 2019 04:44

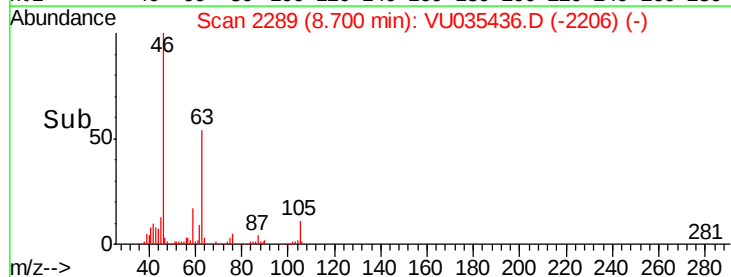
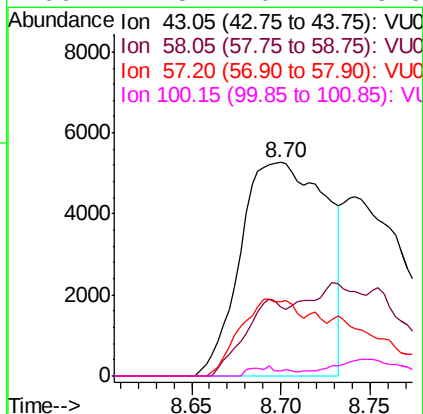
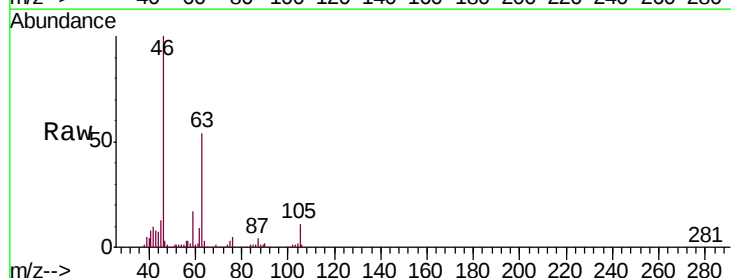
Instrument :
 MSVOA_U
 ClientSampleID :
 H0G21

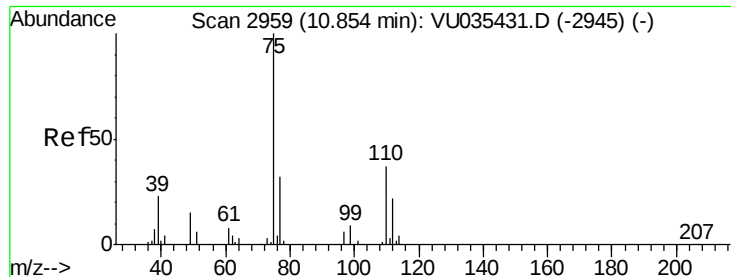
Tgt Ion: 63 Resp: 9095
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.7 5.5#



#48
 2-Hexanone
 Concen: 2.280 ug/L
 RT: 8.70 min Scan# 2289
 Delta R.T. -0.03 min
 Lab File: VU035436.D
 Acq: 24 Oct 2019 04:44

Tgt Ion: 43 Resp: 17630
 Ion Ratio Lower Upper
 43 100
 58 17.0 45.1 67.7#
 57 24.5 16.0 24.0#
 100 1.8 10.4 15.6#





#59

1,2,3-Trichloropropane

Concen: 0.766 ug/L

RT: 11.84 min Scan# 3267

Delta R.T. 0.99 min

Lab File: VU035436.D

Acq: 24 Oct 2019 04:44

Instrument :

MSVOA_U

ClientSampleId :

H0G21

Tgt Ion: 75 Resp: 8713

Ion Ratio Lower Upper

75 100

77 33.9 26.2 39.2

