

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U102319\
 Data File : VU035446.D
 Acq On : 24 Oct 2019 08:51
 Operator : JC/SP
 Sample : K5509-09
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 24 14:22:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Oct 24 14:19:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	194934	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	200733	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.85	152	59267	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	48889	4.11	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.20%
7) Chloroethane-d5	1.93	69	53522	4.93	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.60%
11) 1,1-Dichloroethene-d2	2.60	63	72057	3.28	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.60%
20) 2-Butanone-d5	4.70	46	219351	64.22	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	128.44%
24) Chloroform-d	5.11	84	106894	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.40%
26) 1,2-Dichloroethane-d4	5.75	65	72268	6.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	120.00%
32) Benzene-d6	5.77	84	218807	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.40%
36) 1,2-Dichloropropane-d6	6.74	67	82643	5.67	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	113.40%
41) Toluene-d8	7.93	98	174927	3.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.60%
43) trans-1,3-Dichloropropene-	8.22	79	26570	3.76	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.20%
46) 2-Hexanone-d5	8.69	63	143802	46.10	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.20%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	50659	3.90	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	78.00%
64) 1,2-Dichlorobenzene-d4	12.22	152	54979	5.09	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.80%

Target Compounds

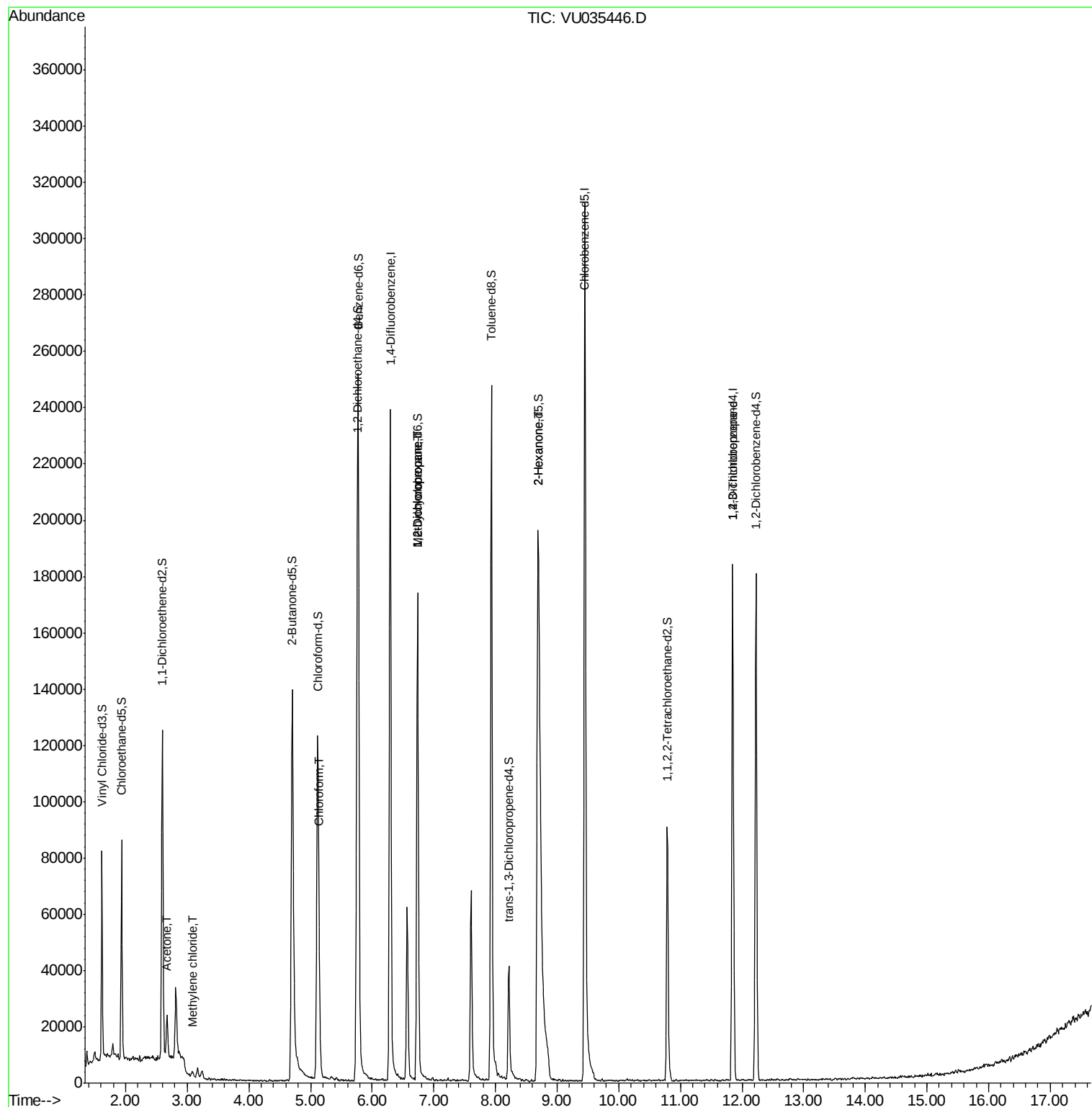
					Ovalue
13) Acetone	2.67	43	17844	7.510	ug/L 97
16) Methylene chloride	3.08	84	932	0.062	ug/L 82
25) Chloroform	5.14	83	21385	0.797	ug/L 98
35) Methylcyclohexane	6.74	83	19234	0.725	ug/L # 32
37) 1,2-Dichloropropane	6.74	63	8976	0.599	ug/L # 86
48) 2-Hexanone	8.70	43	13709	1.931	ug/L # 65
59) 1,2,3-Trichloropropane	11.85	75	7465	0.715	ug/L 95

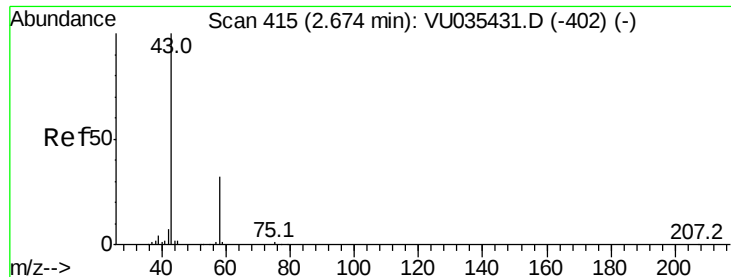
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 24 14:22:17 2019
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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 24 14:19:48 2019
Response via : Initial Calibration





#13

Acetone

Concen: 7.510 ug/L

RT: 2.67 min Scan# 414

Delta R.T. -0.00 min

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Acq: 24 Oct 2019 08:51

Instrument :

MSVOA_U

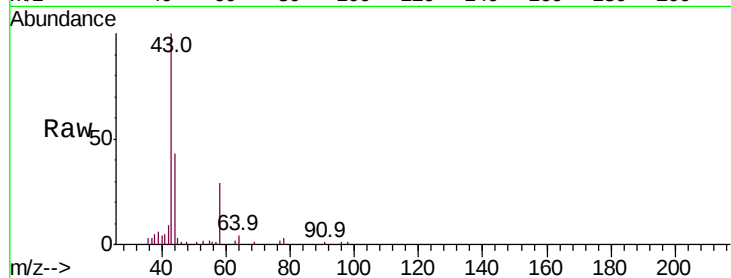
ClientSampleId :

Tot Ion: 43 Resp: 17844

Ion Ratio Lower Upper

43 100

58 32.6 0.0 61.8



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

12000

10000

8000

6000

4000

2000

0

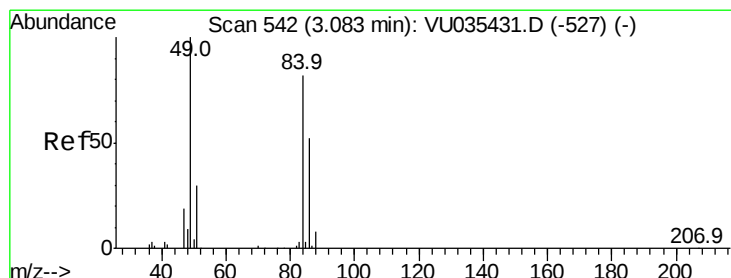
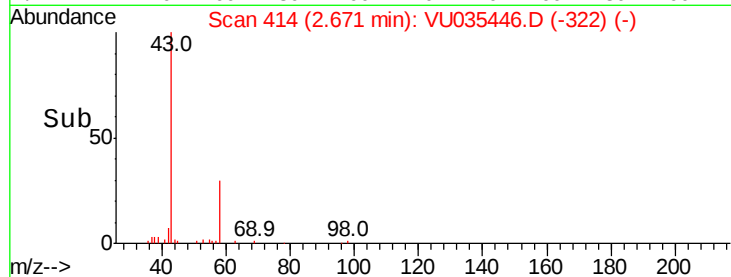
Time-->

2.60

2.65

2.70

2.75



#16

Methylene chloride

Concen: 0.062 ug/L

RT: 3.08 min Scan# 541

Delta R.T. -0.00 min

Lab File: VU035446.D

Acq: 24 Oct 2019 08:51

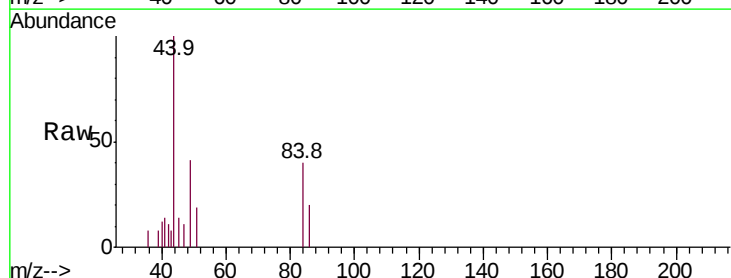
Tgt Ion: 84 Resp: 932

Ion Ratio Lower Upper

84 100

86 49.5 45.4 84.2

49 104.4 86.8 161.2



Abundance Ion 84.05 (83.75 to 84.75): VU0

Ion 86.00 (85.70 to 86.70): VU0

Ion 49.10 (48.80 to 49.80): VU0

600

400

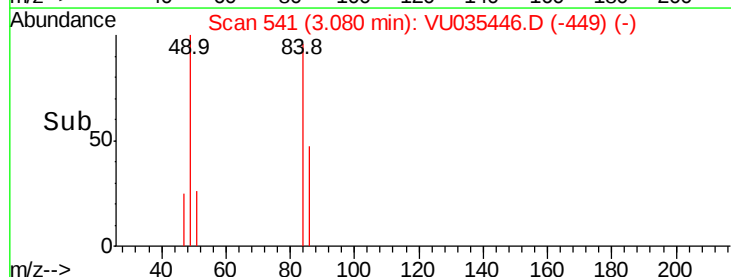
200

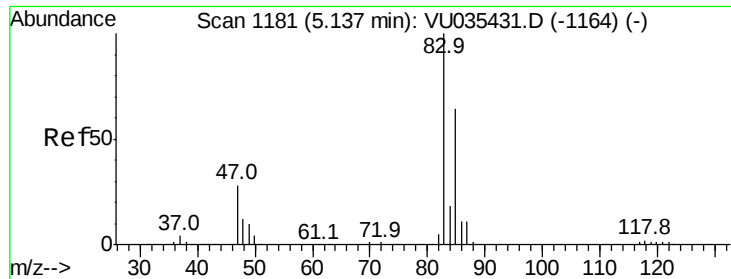
0

Time-->

3.05

3.10

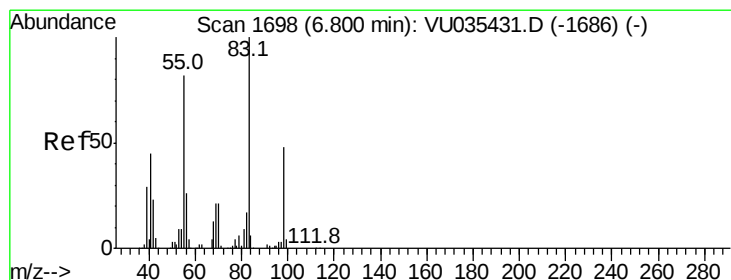
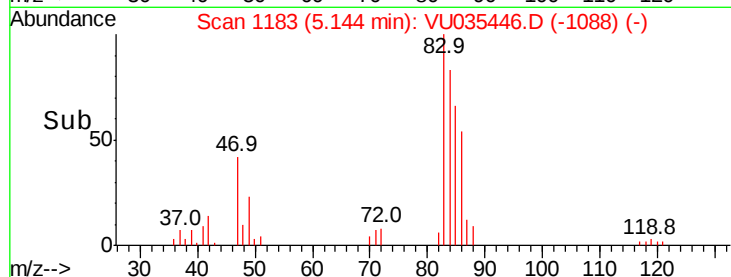
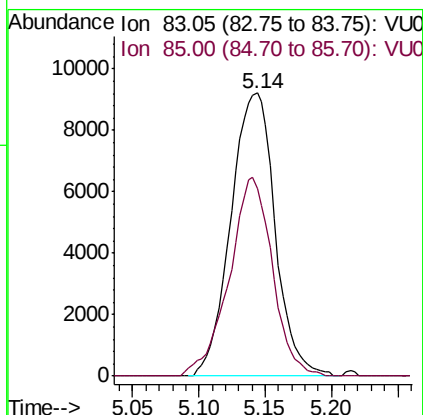
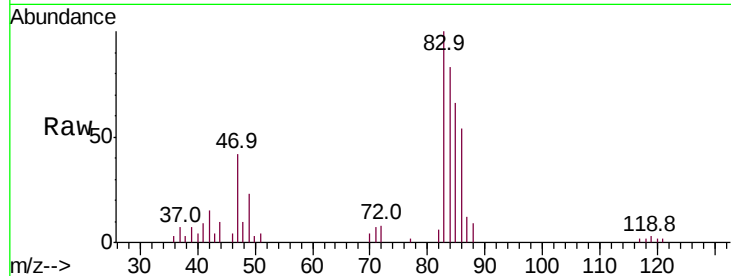




#25
Chloroform
Concen: 0.797 ug/L
RT: 5.14 min Scan# 1183
Delta R.T. 0.01 min
Lab File: VU035446.D
Acq: 24 Oct 2019 08:51

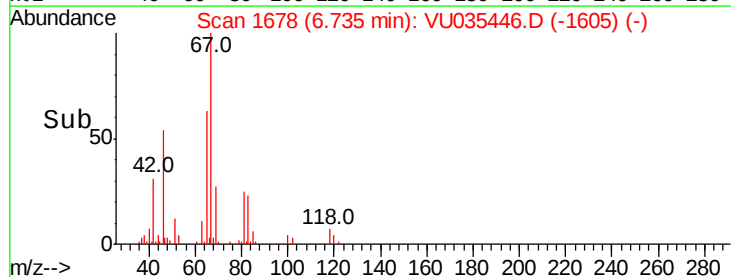
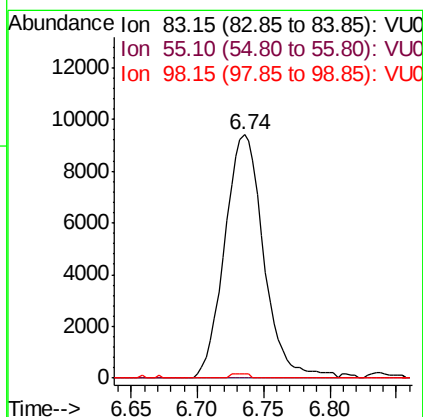
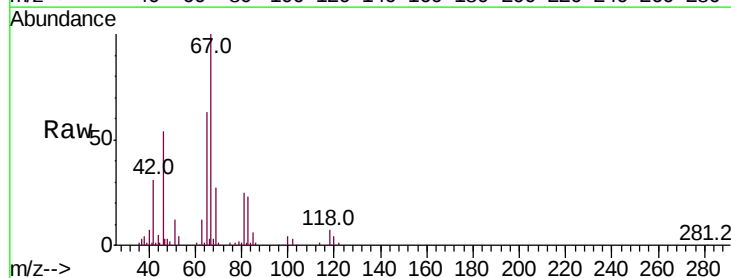
Instrument :
MSVOA_U
ClientSampleId :

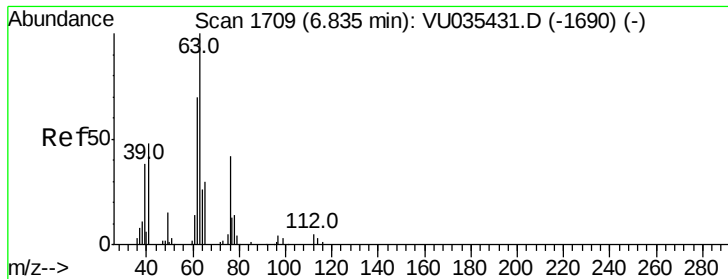
Tot Ion: 83 Resp: 21385
Ion Ratio Lower Upper
83 100
85 66.1 45.1 83.9



#35
Methylcyclohexane
Concen: 0.725 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.06 min
Lab File: VU035446.D
Acq: 24 Oct 2019 08:51

Tgt Ion: 83 Resp: 19234
Ion Ratio Lower Upper
83 100
55 0.0 60.4 90.6#
98 74.2 39.5 59.3#





#37

1,2-Dichloropropane

Concen: 0.599 ug/L

RT: 6.74 min Scan# 1678

Delta R.T. -0.10 min

Lab File: VU035446.D

Acq: 24 Oct 2019 08:51

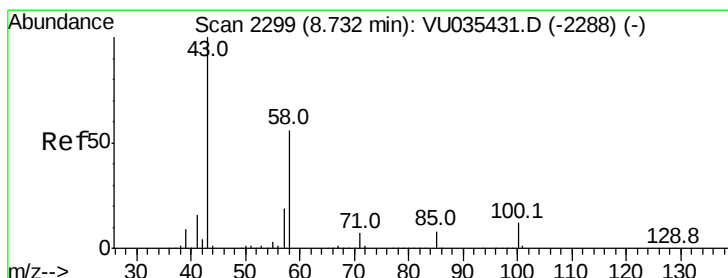
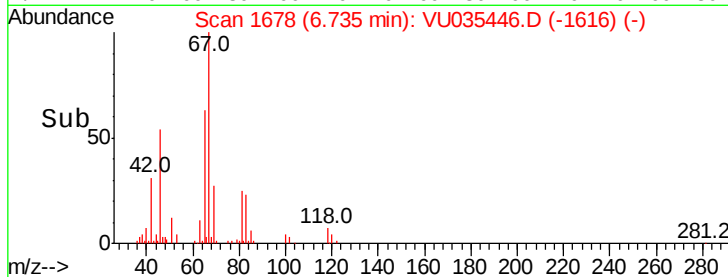
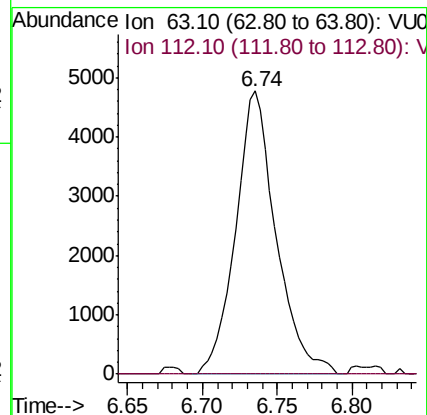
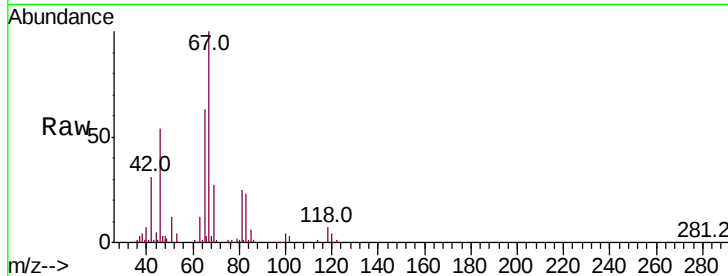
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 63 Resp: 8976

Ion Ratio Lower Upper

63 100

112 0.0 3.7 5.5#



#48

2-Hexanone

Concen: 1.931 ug/L

RT: 8.70 min Scan# 2288

Delta R.T. -0.04 min

Lab File: VU035446.D

Acq: 24 Oct 2019 08:51

Tgt Ion: 43 Resp: 13709

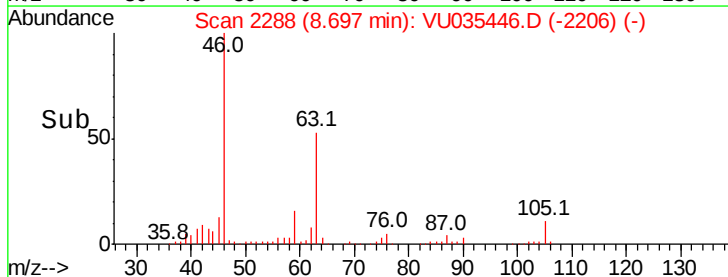
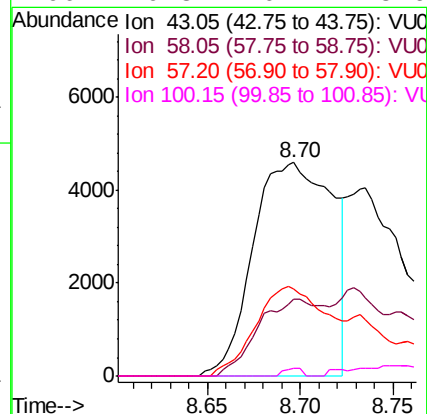
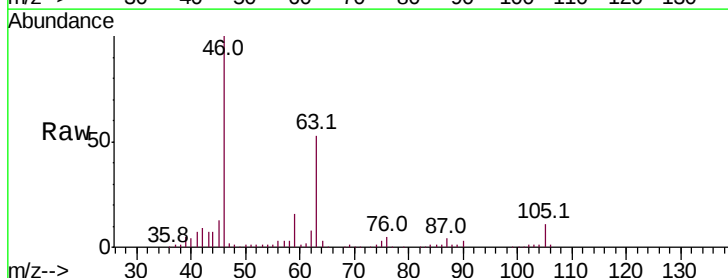
Ion Ratio Lower Upper

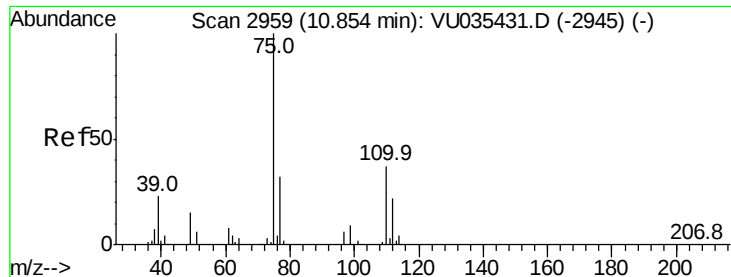
43 100

58 30.5 45.1 67.7#

57 37.4 16.0 24.0#

100 0.8 10.4 15.6#





#59

1,2,3-Trichloropropane

Concen: 0.715 ug/L

RT: 11.85 min Scan# 3268

Delta R.T. 0.99 min

Lab File: VU035446.D

Acq: 24 Oct 2019 08:51

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 7465

Ion Ratio Lower Upper

75 100

77 35.4 26.2 39.2

