

Data File : VU035455.D
Acq On : 24 Oct 2019 12:53
Operator : JC/SP
Sample : K5509-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H0G60

Quant Time: Oct 25 07:07:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 25 07:04:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	207138	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	215380	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	60602	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	43115	3.41	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.20%
7) Chloroethane-d5	1.93	69	47179	4.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.80%
11) 1,1-Dichloroethene-d2	2.60	63	60163	2.58	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	51.60%#
20) 2-Butanone-d5	4.70	46	186229	51.31	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.62%
24) Chloroform-d	5.11	84	99952	4.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.60%
26) 1,2-Dichloroethane-d4	5.75	65	60633	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.80%
32) Benzene-d6	5.77	84	187959	3.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.40%
36) 1,2-Dichloropropane-d6	6.73	67	69133	4.42	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.40%
41) Toluene-d8	7.93	98	142920	3.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	60.60%#
43) trans-1,3-Dichloropropene-	8.22	79	23486	3.09	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	61.80%
46) 2-Hexanone-d5	8.70	63	126563	37.81	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	75.62%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	63859	4.58	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.60%
64) 1,2-Dichlorobenzene-d4	12.22	152	46179	4.18	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	83.60%

Target Compounds

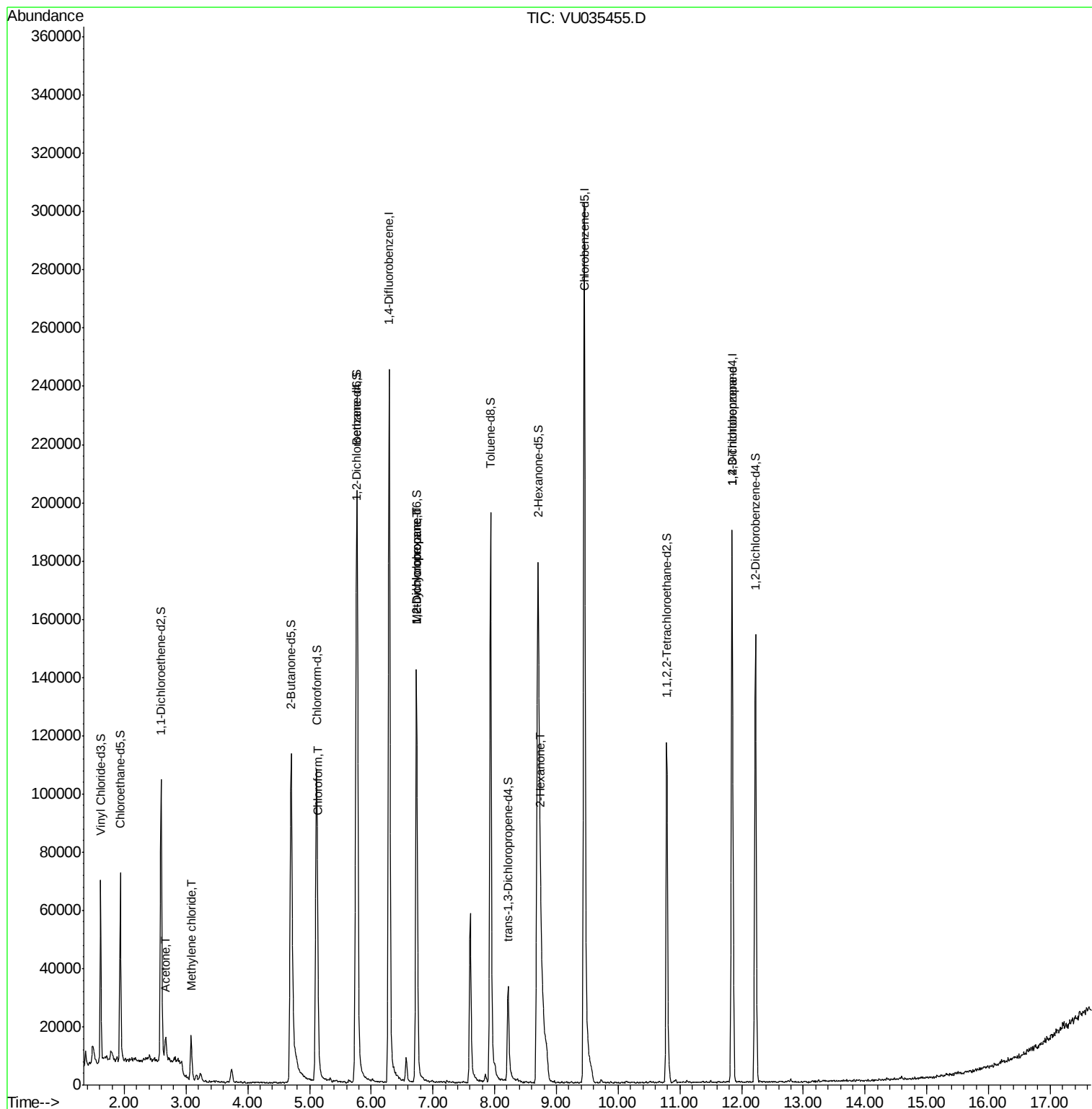
					Qvalue
13) Acetone	2.67	43	9079	3.596	ug/L 99
16) Methylene chloride	3.08	84	6942	0.434	ug/L 95
25) Chloroform	5.14	83	9419	0.331	ug/L 100
35) Methylcyclohexane	6.74	83	16500	0.579	ug/L # 24
37) 1,2-Dichloropropane	6.73	63	7695	0.478	ug/L # 86
48) 2-Hexanone	8.75	43	11301	1.484	ug/L # 77
59) 1,2,3-Trichloropropane	11.84	75	8032	0.717	ug/L 94

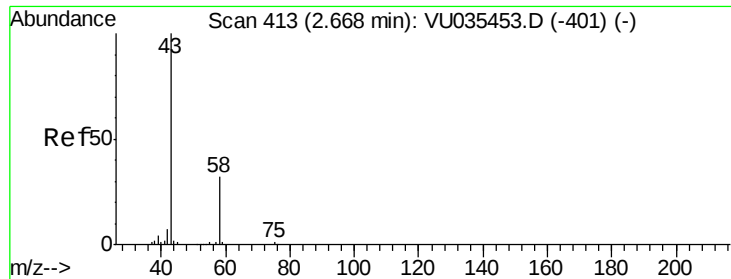
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.596 ug/L

RT: 2.67 min Scan# 413

Delta R.T. 0.00 min

Lab File: VU035455.D

Acq: 24 Oct 2019 12:53

Instrument :

MSVOA_U

ClientSampled :

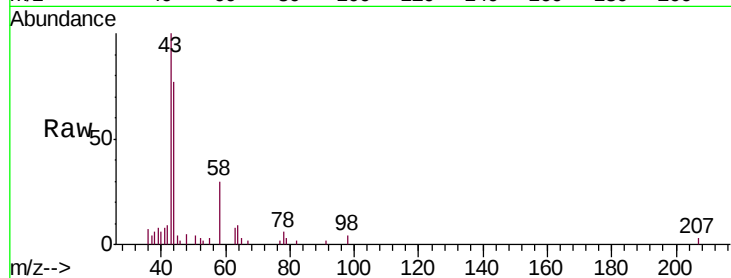
H0G60

Tgt Ion: 43 Resp: 9079

Ion Ratio Lower Upper

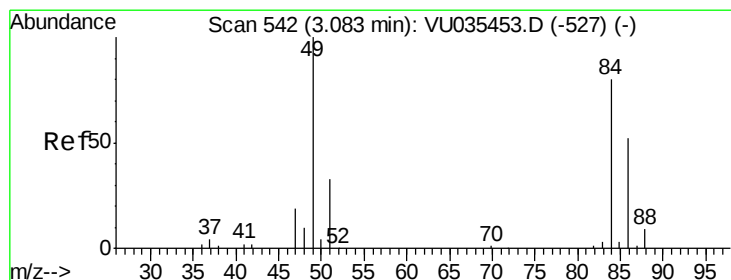
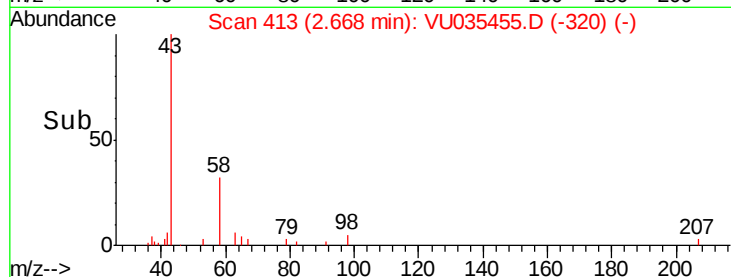
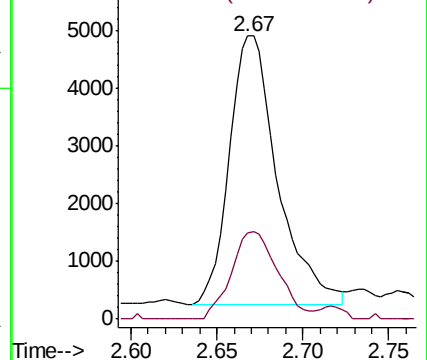
43 100

58 31.5 0.0 61.8



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0



#16

Methylene chloride

Concen: 0.434 ug/L

RT: 3.08 min Scan# 542

Delta R.T. 0.00 min

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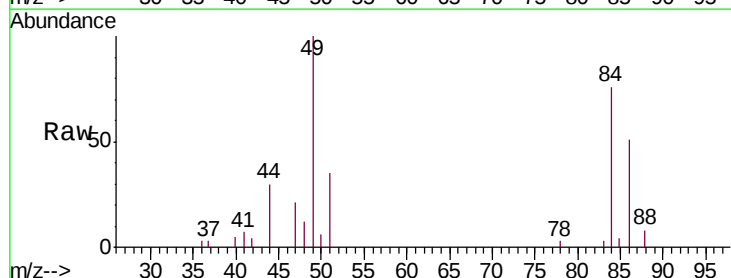
Tgt Ion: 84 Resp: 6942

Ion Ratio Lower Upper

84 100

86 66.6 45.4 84.2

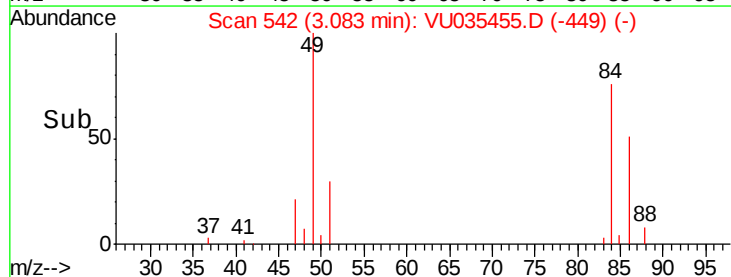
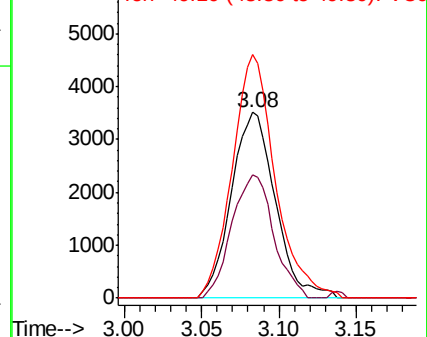
49 131.0 86.8 161.2

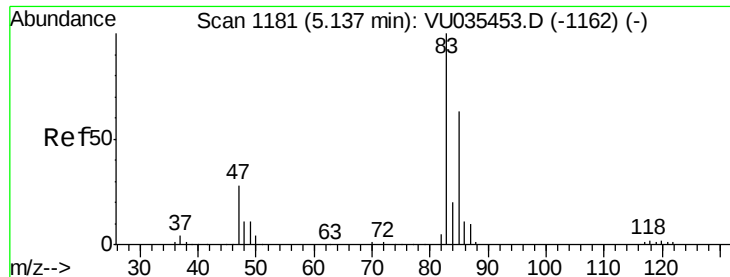


Abundance Ion 84.05 (83.75 to 84.75): VU0

Ion 86.00 (85.70 to 86.70): VU0

Ion 49.10 (48.80 to 49.80): VU0

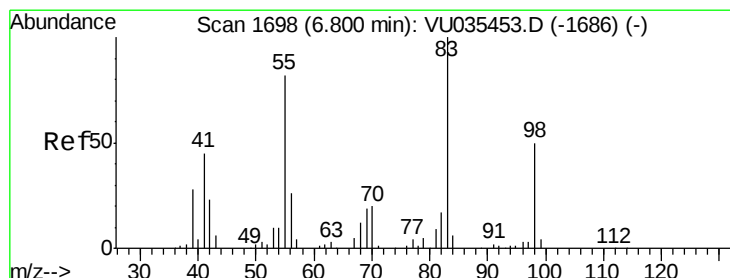
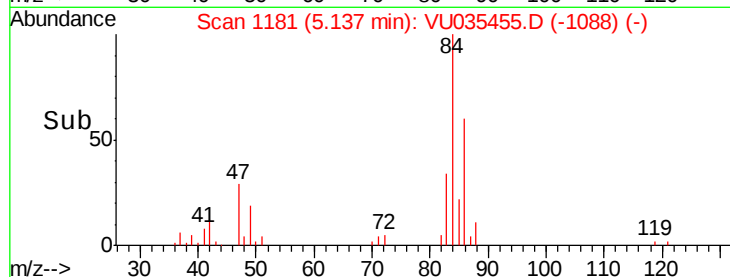
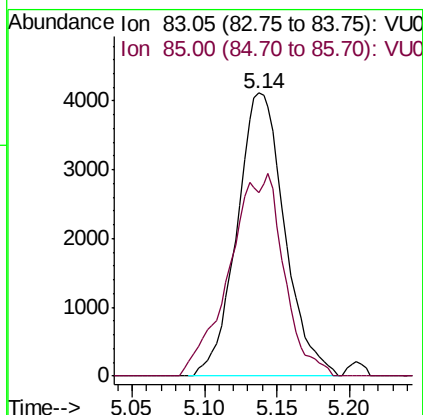
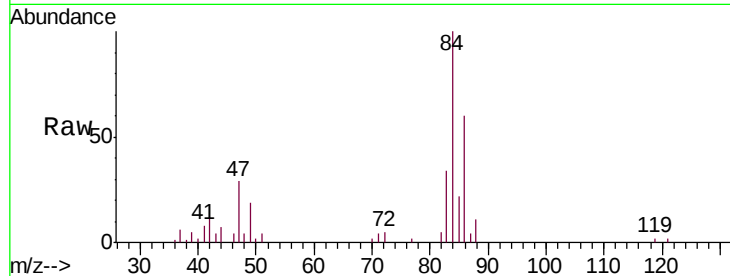




#25
Chloroform
Concen: 0.331 ug/L
RT: 5.14 min Scan# 1181
Delta R.T. 0.00 min
Lab File: VU035455.D
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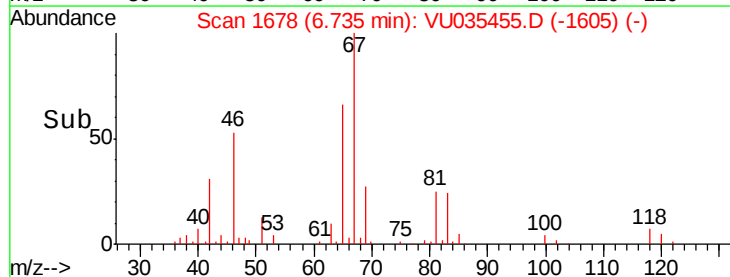
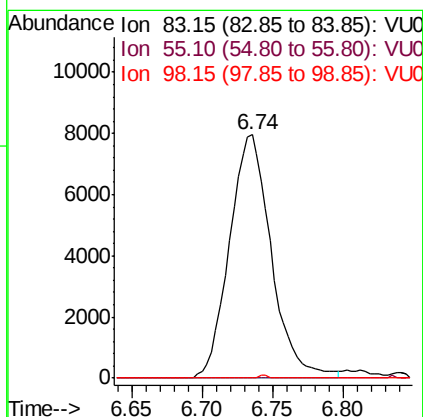
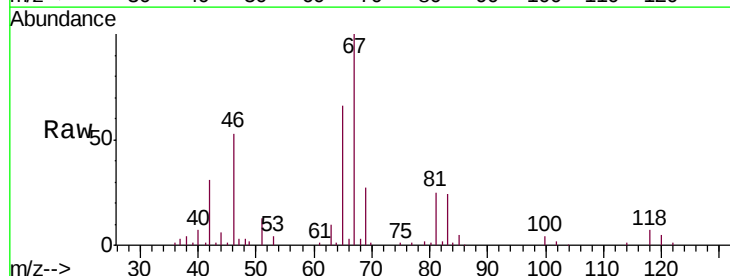
Instrument :
MSVOA_U
ClientSampleId :
H0G60

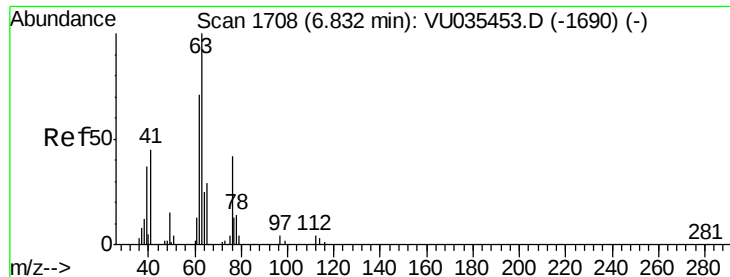
Tgt Ion: 83 Resp: 9419
Ion Ratio Lower Upper
83 100
85 64.7 45.1 83.9



#35
Methylcyclohexane
Concen: 0.579 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.06 min
Lab File: VU035455.D
Acq: 24 Oct 2019 12:53

Tgt Ion: 83 Resp: 16500
Ion Ratio Lower Upper
83 100
55 0.1 60.4 90.6#
98 10.6 39.5 59.3#





#37

1,2-Dichloropropane

Concen: 0.478 ug/L

RT: 6.73 min Scan# 1677

Delta R.T. -0.10 min

Lab File: VU035455.D

Acq: 24 Oct 2019 12:53

Instrument :

MSVOA_U

ClientSampleId :

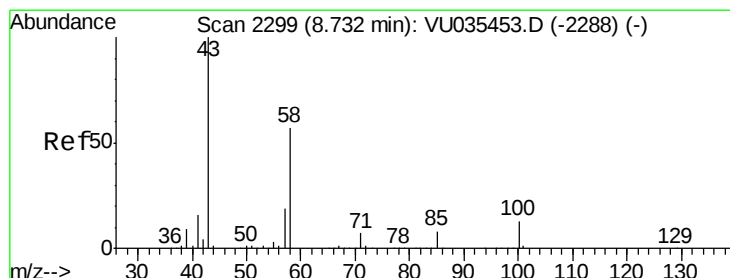
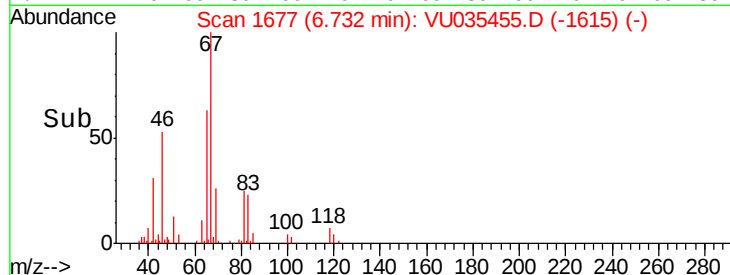
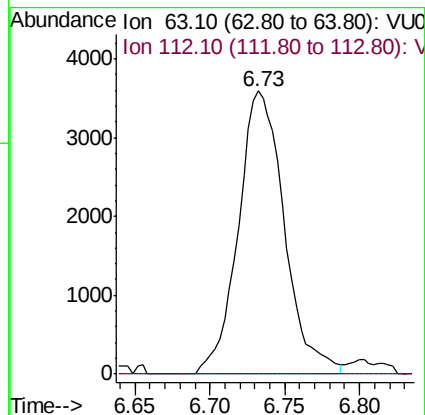
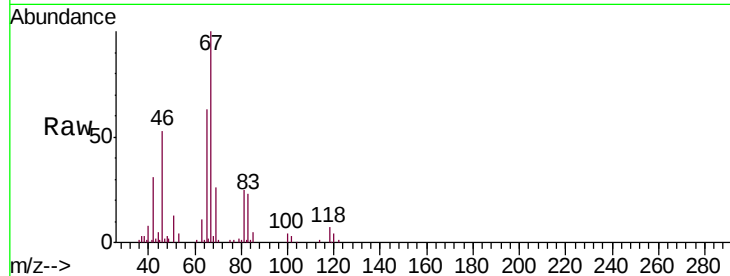
H0G60

Tgt Ion: 63 Resp: 7695

Ion Ratio Lower Upper

63 100

112 0.0 3.7 5.5#



#48

2-Hexanone

Concen: 1.484 ug/L

RT: 8.75 min Scan# 2304

Delta R.T. 0.02 min

Lab File: VU035455.D

Acq: 24 Oct 2019 12:53

Tgt Ion: 43 Resp: 11301

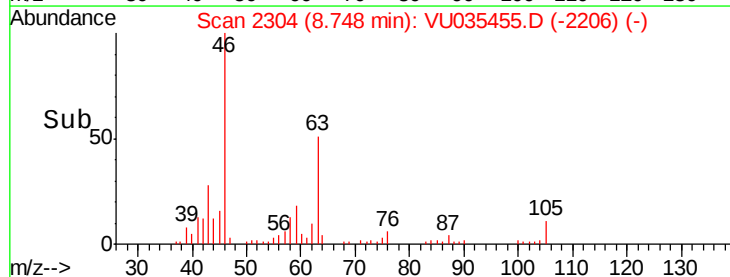
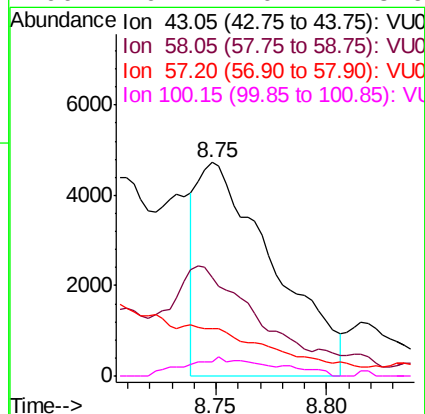
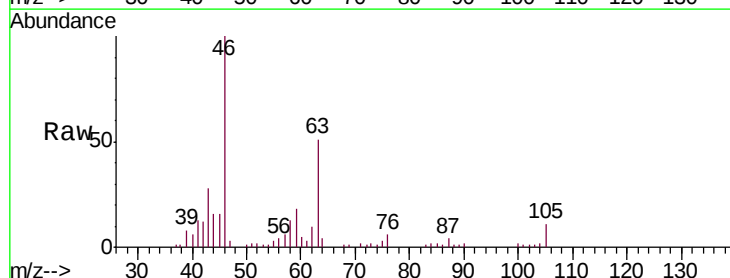
Ion Ratio Lower Upper

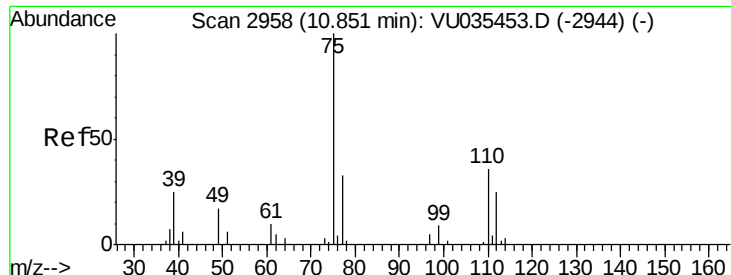
43 100

58 42.0 45.1 67.7#

57 0.0 16.0 24.0#

100 10.1 10.4 15.6#





#59

1,2,3-Trichloropropane

Concen: 0.717 ug/L

RT: 11.84 min Scan# 3267

Delta R.T. 0.99 min

Lab File: VU035455.D

Acq: 24 Oct 2019 12:53

Instrument :

MSVOA_U

ClientSampleId :

H0G60

Tgt Ion: 75 Resp: 8032

Ion Ratio Lower Upper

75 100

77 36.1 26.2 39.2

