

Data File : VU035457.D
Acq On : 24 Oct 2019 14:06
Operator : JC/SP
Sample : K5488-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H0G51

Quant Time: Oct 25 07:07:34 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	6.30	114	208773	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	218392	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	62327	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	42931	3.37	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.40%
7) Chloroethane-d5	1.94	69	48007	4.13	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.60%
11) 1,1-Dichloroethene-d2	2.60	63	60597	2.57	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	51.40%#
20) 2-Butanone-d5	4.70	46	188628	51.56	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.12%
24) Chloroform-d	5.12	84	104493	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.80%
26) 1,2-Dichloroethane-d4	5.75	65	63781	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.00%
32) Benzene-d6	5.77	84	185269	3.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	74.20%
36) 1,2-Dichloropropane-d6	6.74	67	71884	4.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.60%
41) Toluene-d8	7.94	98	140212	2.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	58.60%#
43) trans-1,3-Dichloropropene-	8.22	79	25063	3.26	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	65.20%
46) 2-Hexanone-d5	8.70	63	123530	36.40	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	72.80%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	67093	4.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.00%
64) 1,2-Dichlorobenzene-d4	12.22	152	46491	4.10	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	82.00%

Target Compounds

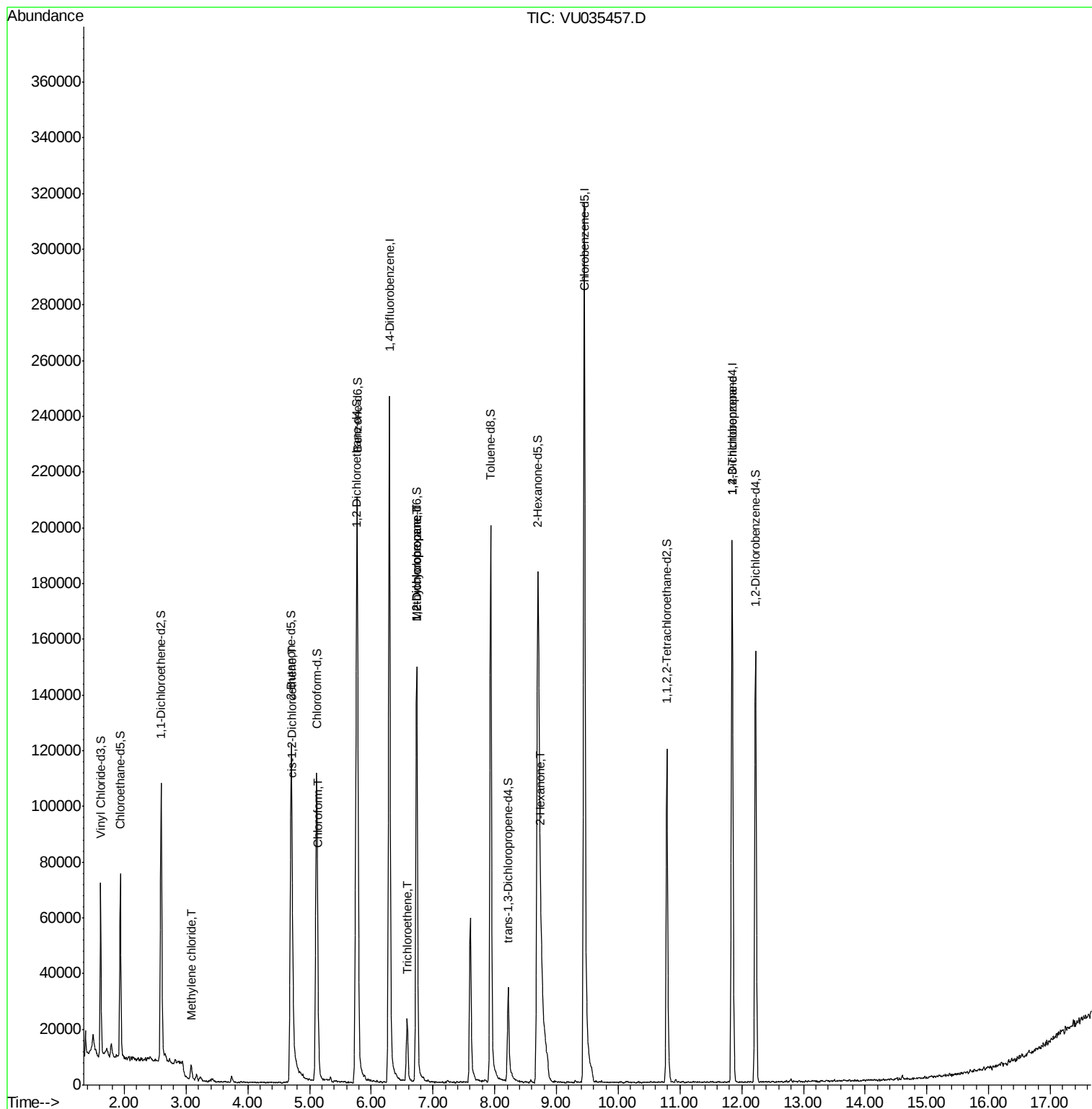
						Qvalue
16) Methylene chloride	3.08	84	2254	0.140	ug/L	91
22) cis-1,2-Dichloroethene	4.73	96	4218	0.264	ug/L	92
25) Chloroform	5.14	83	6750	0.235	ug/L	95
34) Trichloroethene	6.58	95	7473	0.433	ug/L	95
35) Methylcyclohexane	6.74	83	16432	0.569	ug/L #	19
37) 1,2-Dichloropropane	6.74	63	8268	0.507	ug/L #	86
48) 2-Hexanone	8.75	43	11769	1.524	ug/L #	91
59) 1,2,3-Trichloropropane	11.84	75	8063	0.709	ug/L	96

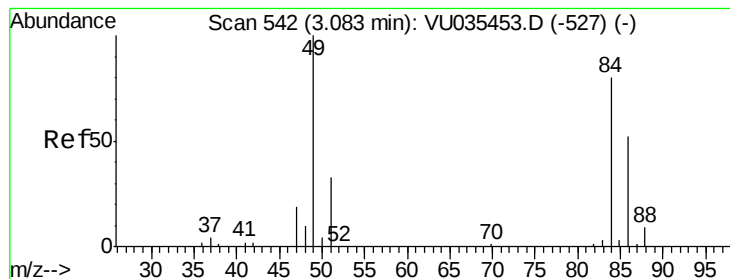
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 25 07:04:30 2019
Response via : Initial Calibration





#16

Methylene chloride

Concen: 0.140 ug/L

RT: 3.08 min Scan# 540

Delta R.T. -0.01 min

Lab File: VU035457.D

Acq: 24 Oct 2019 14:06

Instrument :

MSVOA_U

ClientSampled :

H0G51

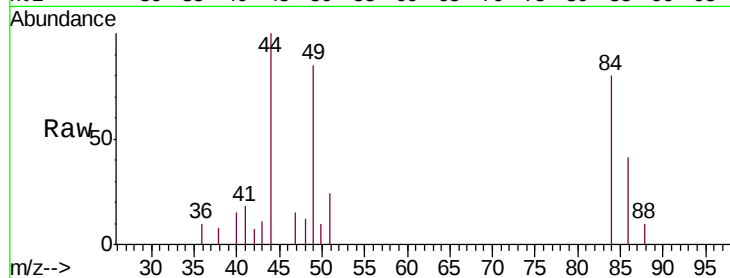
Tgt Ion: 84 Resp: 2254

Ion Ratio Lower Upper

84 100

86 51.2 45.4 84.2

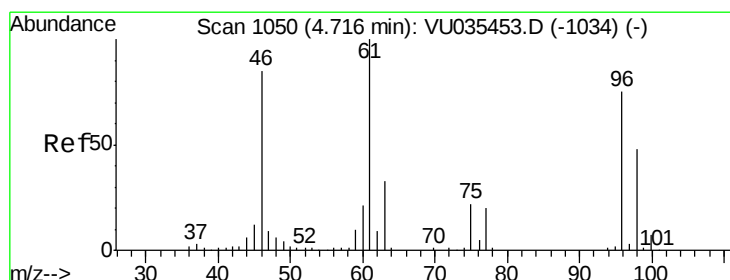
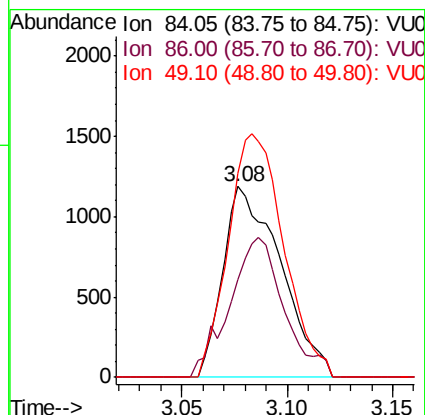
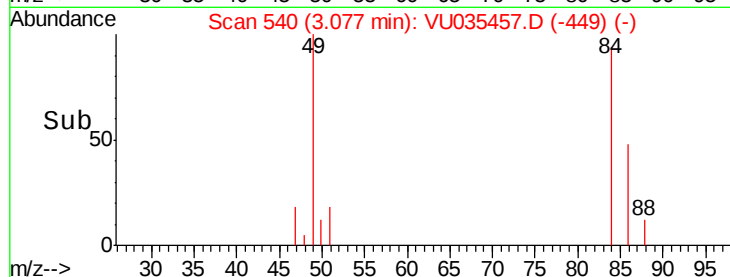
49 119.3 86.8 161.2



Abundance Ion 84.05 (83.75 to 84.75): VU035457.D (-449) (-)

Ion 86.00 (85.70 to 86.70): VU035457.D (-449) (-)

Ion 49.10 (48.80 to 49.80): VU035457.D (-449) (-)



#22

cis-1,2-Dichloroethene

Concen: 0.264 ug/L

RT: 4.73 min Scan# 1053

Delta R.T. 0.01 min

Lab File: VU035457.D

Acq: 24 Oct 2019 14:06

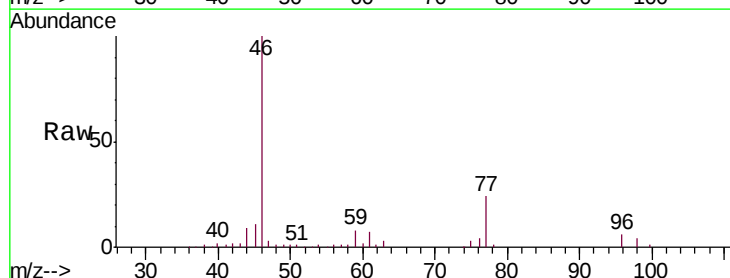
Tgt Ion: 96 Resp: 4218

Ion Ratio Lower Upper

96 100

61 118.5 89.7 166.5

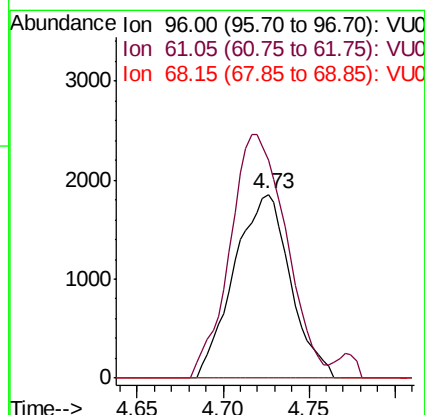
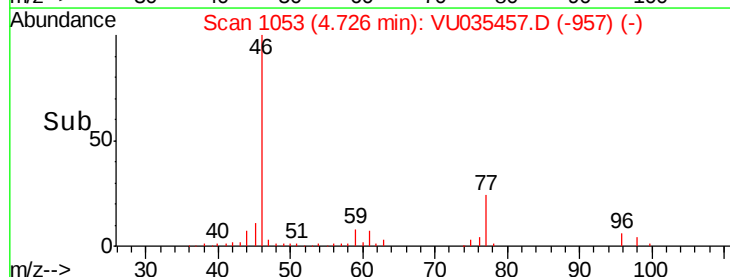
68 0.0 0.0 0.0

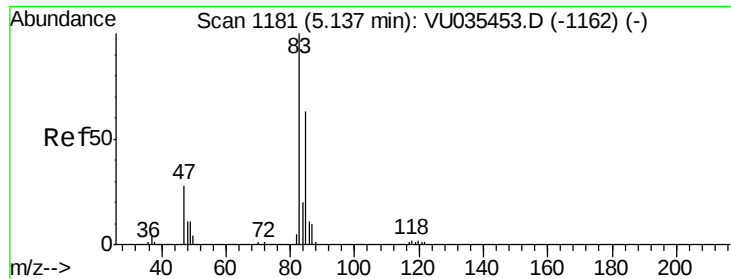


Abundance Ion 96.00 (95.70 to 96.70): VU035457.D (-957) (-)

Ion 61.05 (60.75 to 61.75): VU035457.D (-957) (-)

Ion 68.15 (67.85 to 68.85): VU035457.D (-957) (-)





#25

Chloroform

Concen: 0.235 ug/L

RT: 5.14 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VU035457.D

Acq: 24 Oct 2019 14:06

Instrument :

MSVOA_U

ClientSampleId :

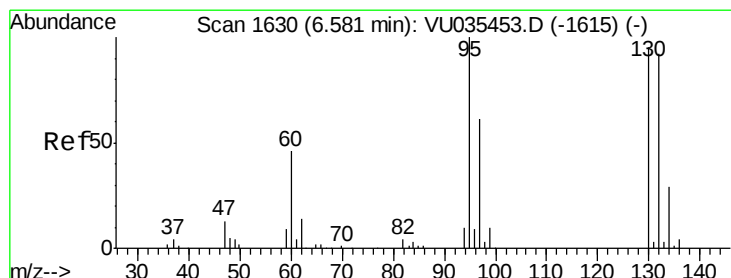
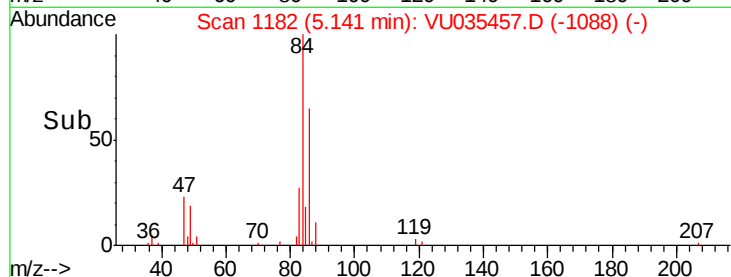
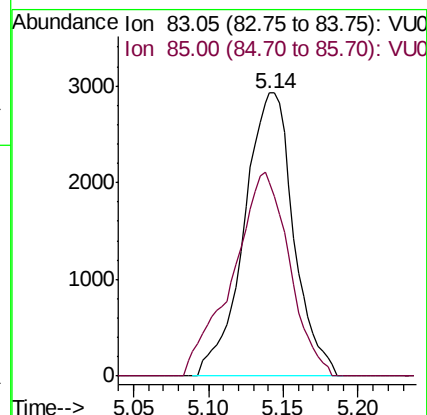
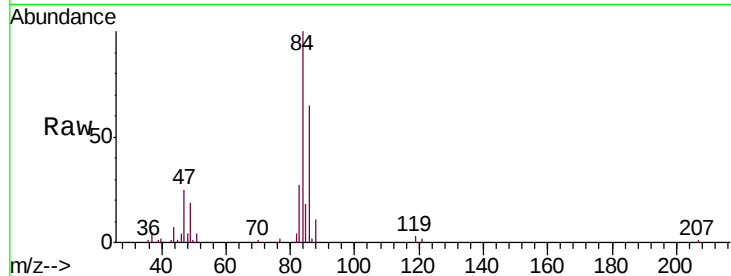
H0G51

Tgt Ion: 83 Resp: 6750

Ion Ratio Lower Upper

83 100

85 68.4 45.1 83.9



#34

Trichloroethene

Concen: 0.433 ug/L

RT: 6.58 min Scan# 1631

Delta R.T. 0.00 min

Lab File: VU035457.D

Acq: 24 Oct 2019 14:06

Tgt Ion: 95 Resp: 7473

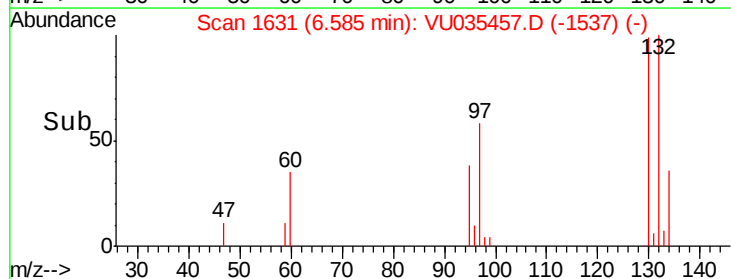
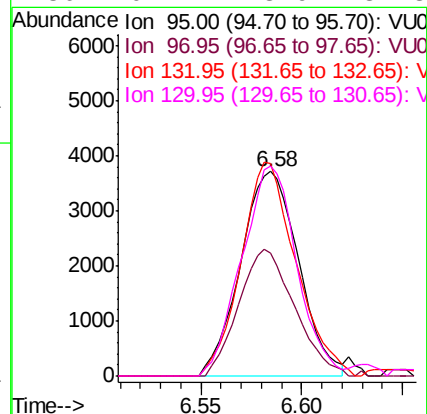
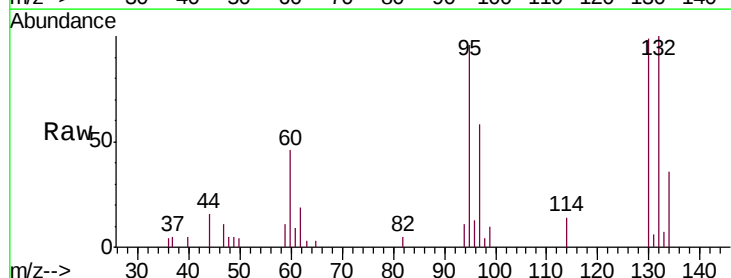
Ion Ratio Lower Upper

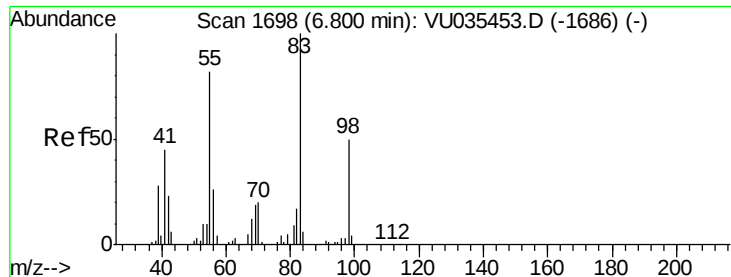
95 100

97 60.1 46.6 86.6

132 103.6 68.7 127.7

130 102.7 73.9 137.3





#35

Methylcyclohexane

Concen: 0.569 ug/L

RT: 6.74 min Scan# 1678

Delta R.T. -0.06 min

Lab File: VU035457.D

Acq: 24 Oct 2019 14:06

Instrument :

MSVOA_U

ClientSampled :

H0G51

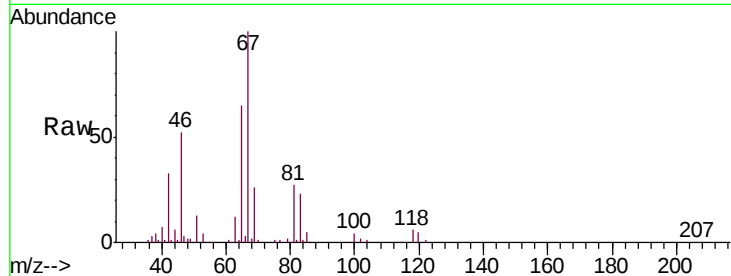
Tgt Ion: 83 Resp: 16432

Ion Ratio Lower Upper

83 100

55 0.1 60.4 90.6#

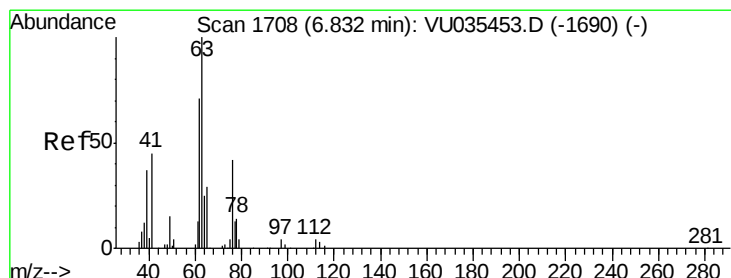
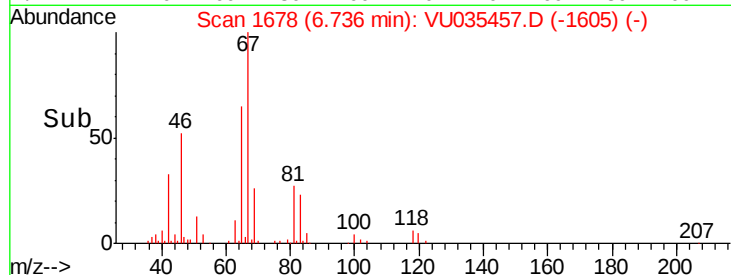
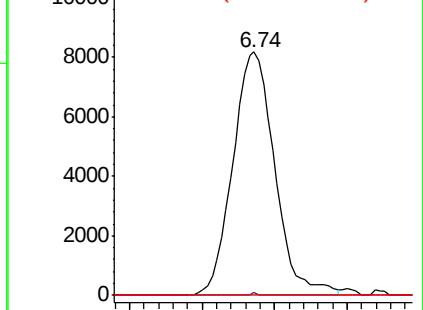
98 1.1 39.5 59.3#



Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0



#37

1,2-Dichloropropane

Concen: 0.507 ug/L

RT: 6.74 min Scan# 1678

Delta R.T. -0.10 min

Lab File: VU035457.D

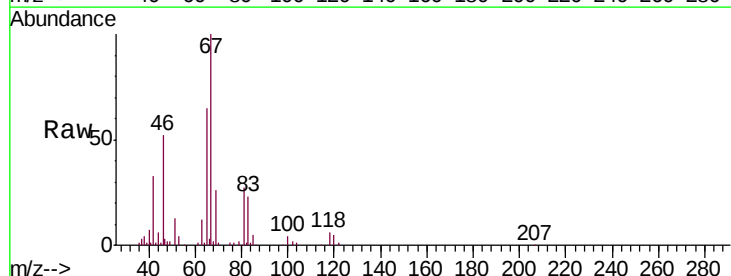
Acq: 24 Oct 2019 14:06

Tgt Ion: 63 Resp: 8268

Ion Ratio Lower Upper

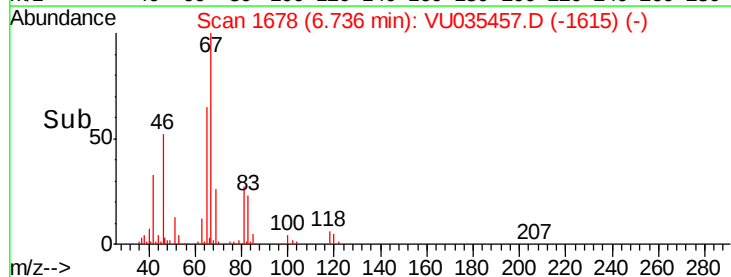
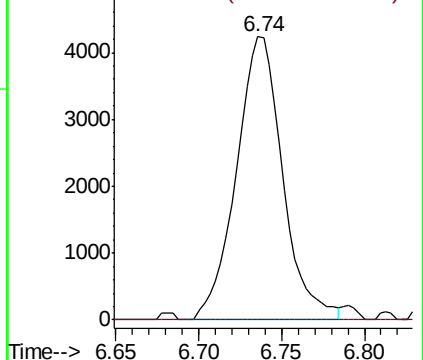
63 100

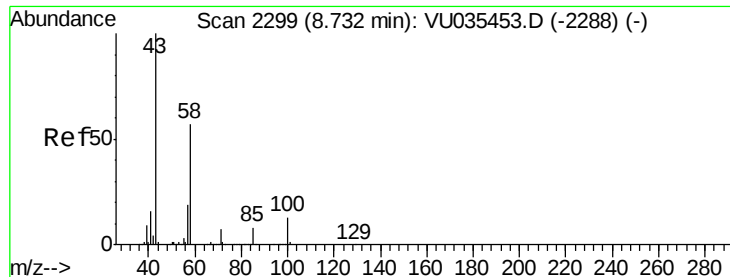
112 0.0 3.7 5.5#



Abundance Ion 63.10 (62.80 to 63.80): VU0

Ion 112.10 (111.80 to 112.80): V

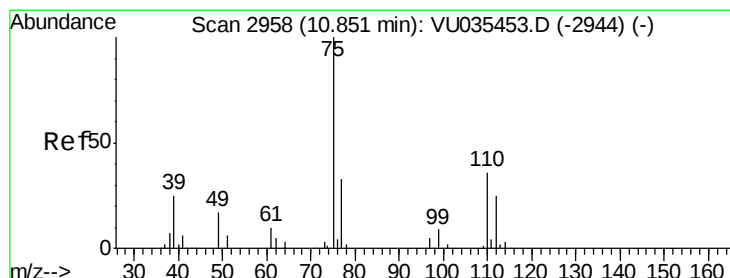
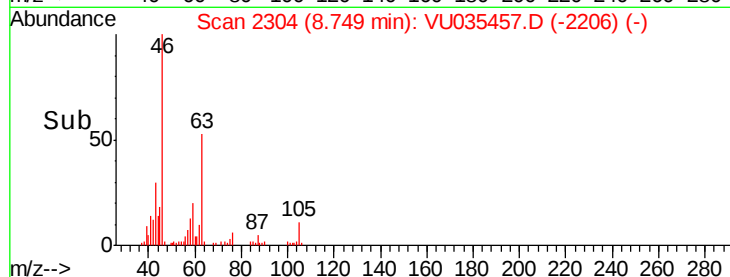
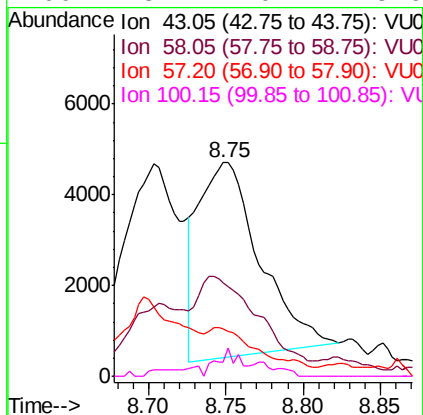
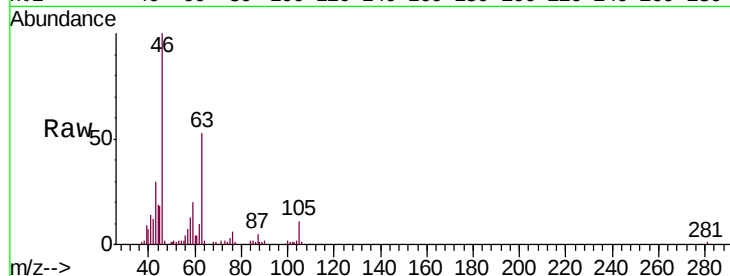




#48
 2-Hexanone
 Concen: 1.524 ug/L
 RT: 8.75 min Scan# 2304
 Delta R.T. 0.02 min
 Lab File: VU035457.D
 Acq: 24 Oct 2019 14:06

Instrument :
 MSVOA_U
 ClientSampleId :
 H0G51

Tgt Ion: 43 Resp: 11769
 Ion Ratio Lower Upper
 43 100
 58 50.9 45.1 67.7
 57 17.4 16.0 24.0
 100 5.1 10.4 15.6#



#59
 1,2,3-Trichloropropane
 Concen: 0.709 ug/L
 RT: 11.84 min Scan# 3267
 Delta R.T. 0.99 min
 Lab File: VU035457.D
 Acq: 24 Oct 2019 14:06

Tgt Ion: 75 Resp: 8063
 Ion Ratio Lower Upper
 75 100
 77 30.6 26.2 39.2

