

Data File : VU035068.D
Acq On : 10 Oct 2019 23:27
Operator : JC/SP
Sample : K5310-01 200X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
IW-1-001-01

Quant Time: Oct 11 04:46:48 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 11 04:39:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	156326	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	160361	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	60260	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	43077	4.66	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.20%
7) Chloroethane-d5	1.68	69	38339	4.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.80%
11) 1,1-Dichloroethene-d2	2.26	63	56044	2.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.60%#
20) 2-Butanone-d5	4.17	46	155614	57.18	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.36%
24) Chloroform-d	4.63	84	85692	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.20%
26) 1,2-Dichloroethane-d4	5.29	65	52124	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.80%
32) Benzene-d6	5.32	84	167700	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.20%
36) 1,2-Dichloropropane-d6	6.31	67	63633	5.06	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.20%
41) Toluene-d8	7.55	98	145121	3.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.80%
43) trans-1,3-Dichloropropene-	7.84	79	16648	3.68	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.60%
46) 2-Hexanone-d5	8.30	63	110318	51.27	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.54%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	56679	5.35	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.00%
64) 1,2-Dichlorobenzene-d4	11.85	152	55032	5.41	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.20%

Target Compounds

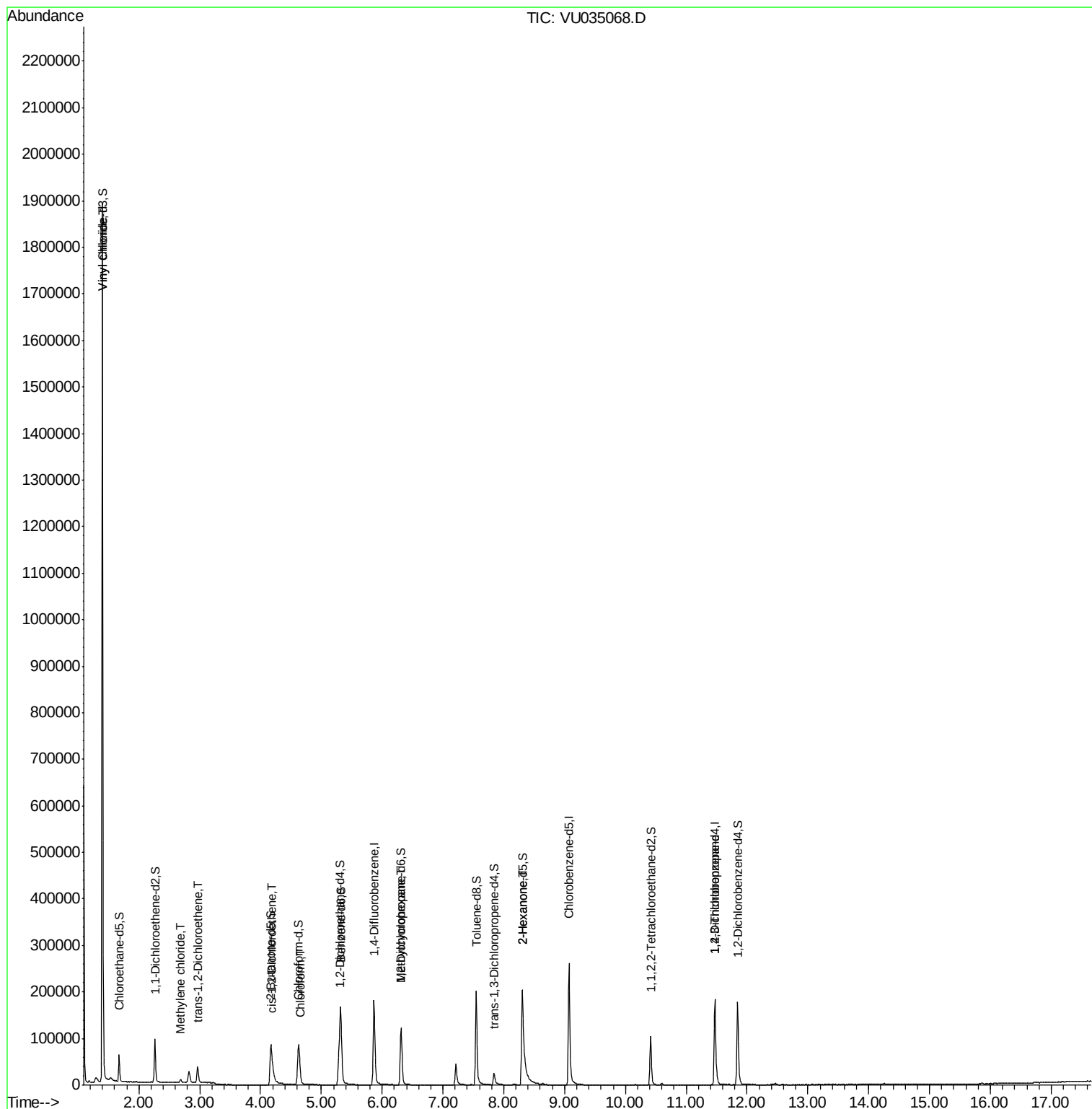
						Qvalue
5) Vinyl chloride	1.40	62	1180060	76.657	ug/L	99
16) Methylene chloride	2.68	84	2771	0.223	ug/L	83
18) trans-1,2-Dichloroethene	2.96	96	12782	1.189	ug/L	93
22) cis-1,2-Dichloroethene	4.20	96	2913	0.243	ug/L	96
25) Chloroform	4.66	83	10774	0.449	ug/L	92
35) Methylcyclohexane	6.31	83	14042	0.696	ug/L #	19
48) 2-Hexanone	8.31	43	13601	2.419	ug/L #	68
59) 1,2,3-Trichloropropane	11.47	75	7874	0.934	ug/L	94

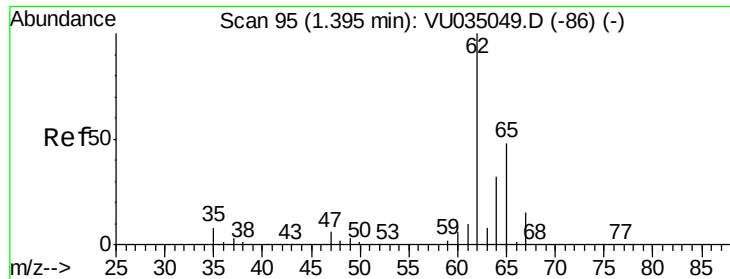
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 76.657 ug/L

RT: 1.40 min Scan# 96

Delta R.T. 0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

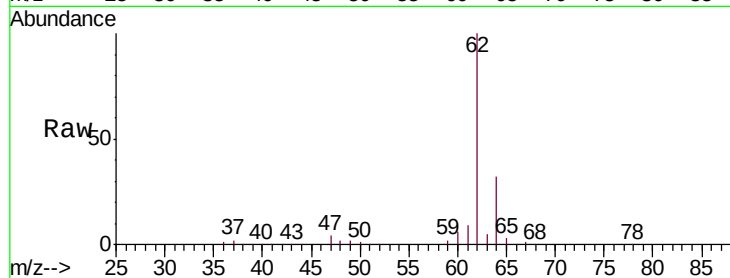
IW-1-001-01

Tgt Ion: 62 Resp: 1180060

Ion Ratio Lower Upper

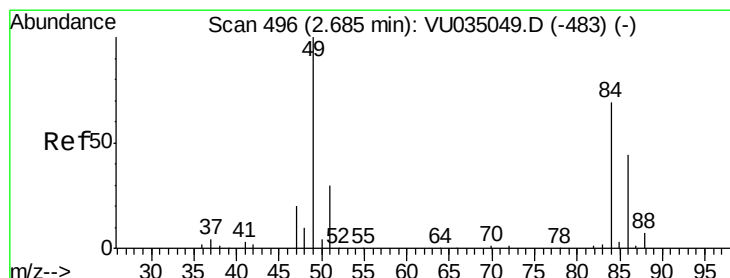
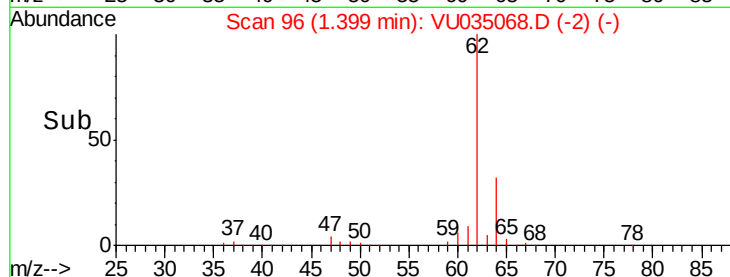
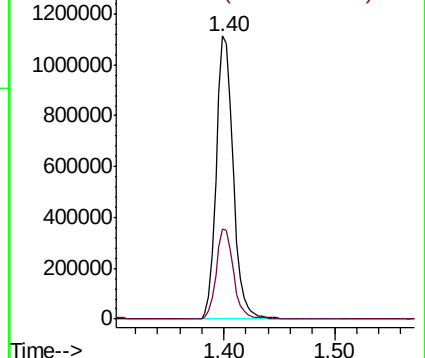
62 100

64 32.0 22.8 42.4



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.10 (63.80 to 64.80): VU0



#16

Methylene chloride

Concen: 0.223 ug/L

RT: 2.68 min Scan# 496

Delta R.T. 0.00 min

Lab File: VU035068.D

Acq: 10 Oct 2019 23:27

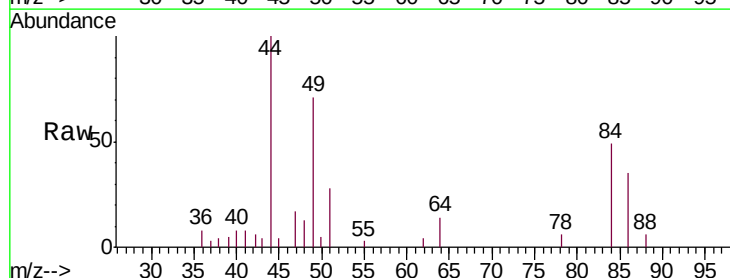
Tgt Ion: 84 Resp: 2771

Ion Ratio Lower Upper

84 100

86 70.4 42.5 78.9

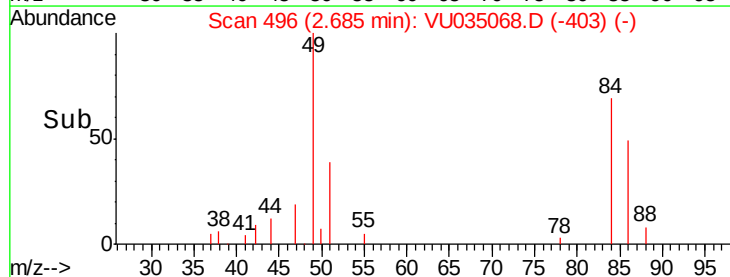
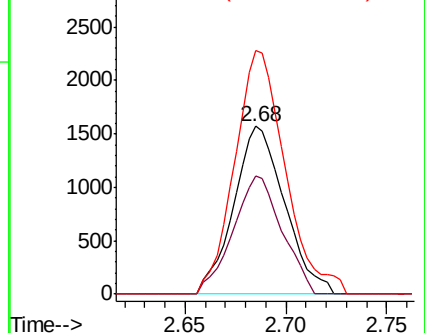
49 145.1 86.9 161.3

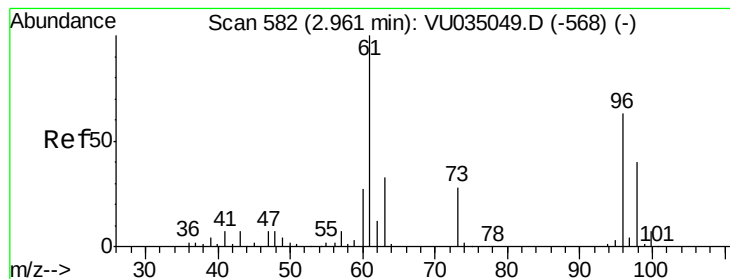


Abundance Ion 84.05 (83.75 to 84.75): VU0

Ion 86.00 (85.70 to 86.70): VU0

Ion 49.10 (48.80 to 49.80): VU0





#18

trans-1,2-Dichloroethene

Concen: 1.189 ug/L

RT: 2.96 min Scan# 583

Delta R.T. 0.00 min

Lab File: VU035068.D

Acq: 10 Oct 2019 23:27

Instrument :

MSVOA_U

ClientSampleId :

IW-1-001-01

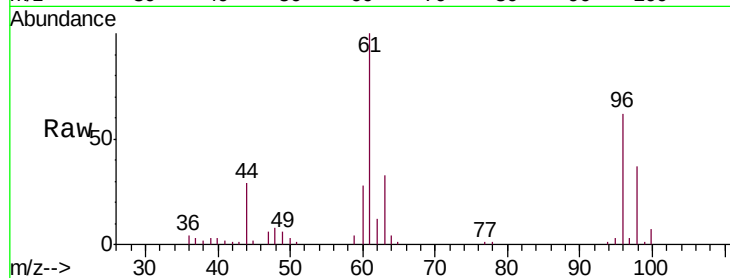
Tgt Ion: 96 Resp: 12782

Ion Ratio Lower Upper

96 100

61 162.2 107.1 198.9

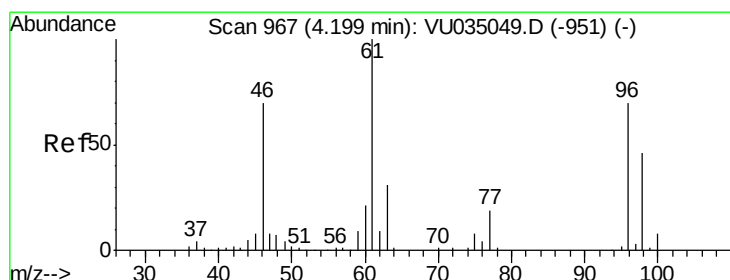
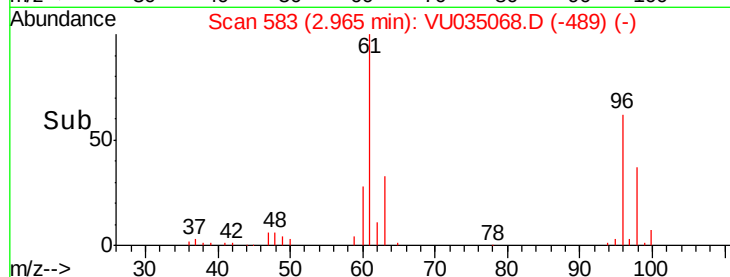
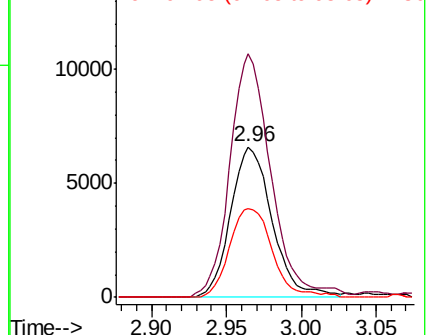
98 59.5 45.4 84.4



Abundance Ion 96.00 (95.70 to 96.70): VU035049.D (-568) (-)

Ion 61.05 (60.75 to 61.75): VU035049.D (-568) (-)

Ion 97.95 (97.65 to 98.65): VU035049.D (-568) (-)



#22

cis-1,2-Dichloroethene

Concen: 0.243 ug/L

RT: 4.20 min Scan# 967

Delta R.T. 0.00 min

Lab File: VU035068.D

Acq: 10 Oct 2019 23:27

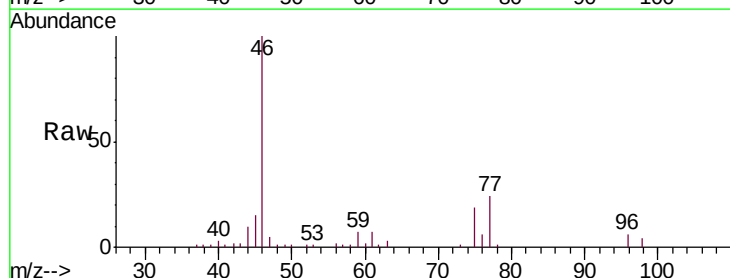
Tgt Ion: 96 Resp: 2913

Ion Ratio Lower Upper

96 100

61 122.8 89.2 165.6

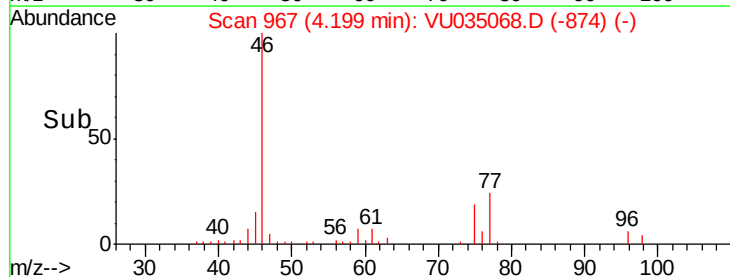
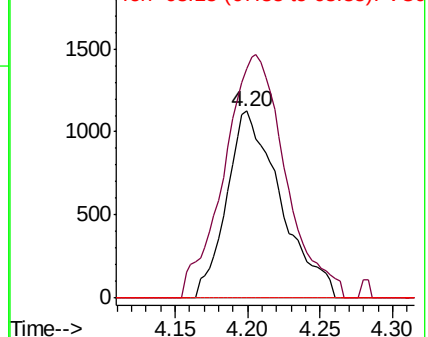
68 0.0 0.0 0.0

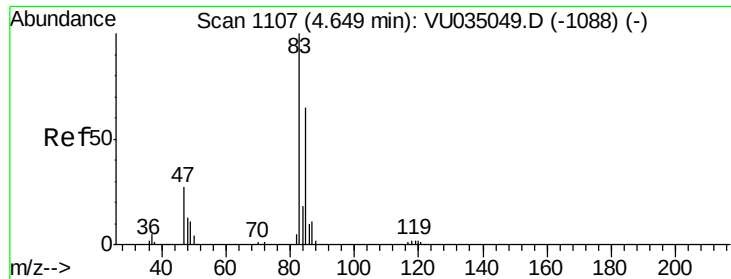


Abundance Ion 96.00 (95.70 to 96.70): VU035049.D (-951) (-)

Ion 61.05 (60.75 to 61.75): VU035049.D (-951) (-)

Ion 68.15 (67.85 to 68.85): VU035049.D (-951) (-)





#25

Chloroform

Concen: 0.449 ug/L

RT: 4.66 min Scan# 1109

Delta R.T. 0.01 min

Lab File: VU035068.D

Acq: 10 Oct 2019 23:27

Instrument :

MSVOA_U

ClientSampleId :

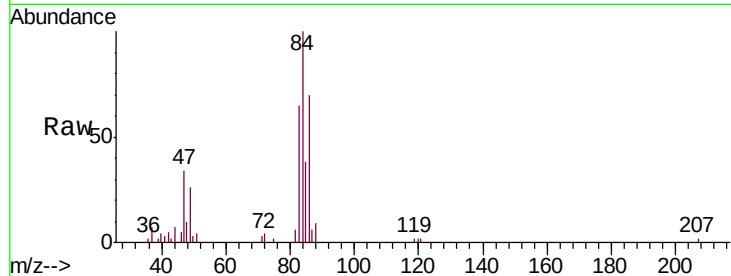
IW-1-001-01

Tgt Ion: 83 Resp: 10774

Ion Ratio Lower Upper

83 100

85 58.4 45.4 84.4



Abundance Ion 83.05 (82.75 to 83.75): VU035049.D (-1088) (-)

Ion 85.00 (84.70 to 85.70): VU035049.D (-1088) (-)

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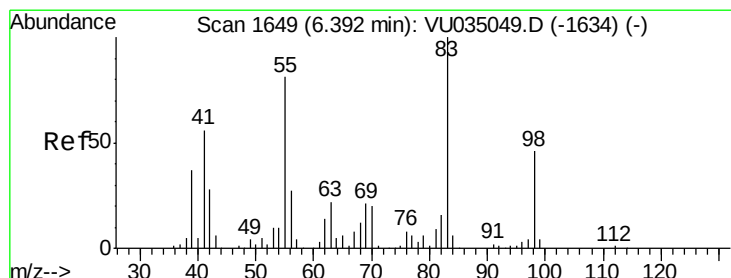
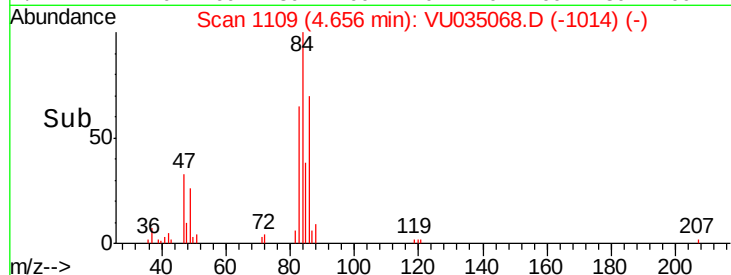
4.66

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4.66



#35

Methylcyclohexane

Concen: 0.696 ug/L

RT: 6.31 min Scan# 1623

Delta R.T. -0.08 min

Lab File: VU035068.D

Acq: 10 Oct 2019 23:27

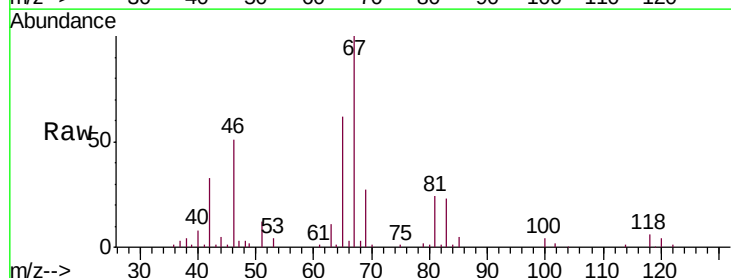
Tgt Ion: 83 Resp: 14042

Ion Ratio Lower Upper

83 100

55 0.3 62.6 94.0#

98 0.9 36.2 54.2#



Abundance Ion 83.15 (82.85 to 83.85): VU035049.D (-1634) (-)

Ion 55.10 (54.80 to 55.80): VU035049.D (-1634) (-)

Ion 98.15 (97.85 to 98.85): VU035049.D (-1634) (-)

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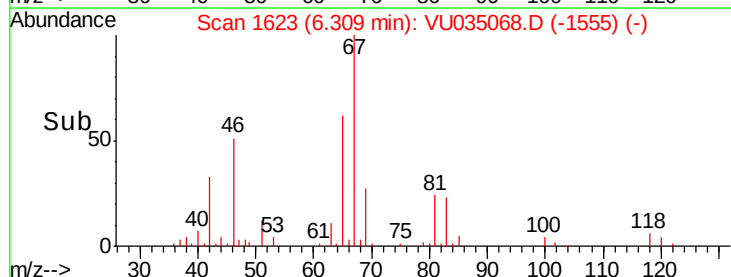
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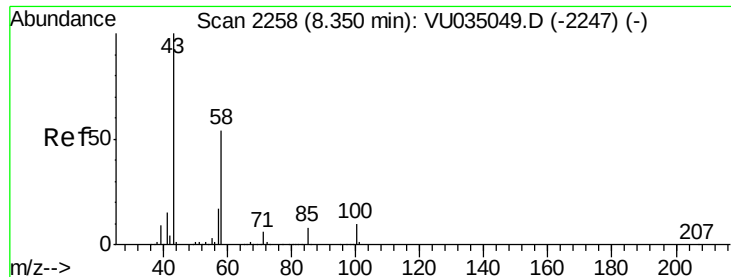
6.31

6.31

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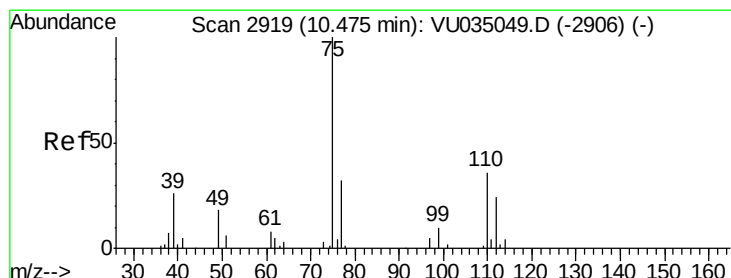
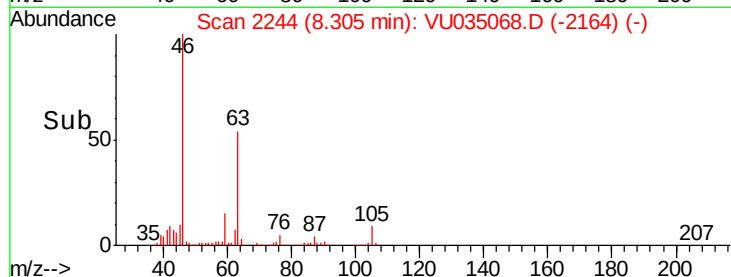
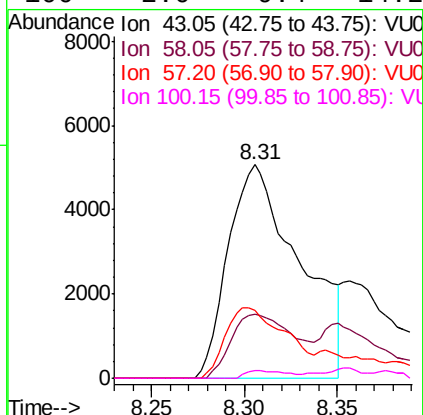
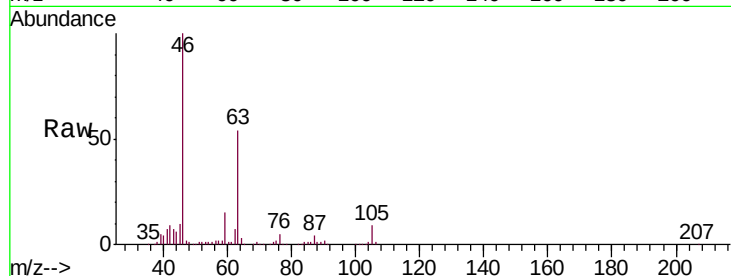
6.31



#48
2-Hexanone
Concen: 2.419 ug/L
RT: 8.31 min Scan# 2244
Delta R.T. -0.04 min
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Tgt Ion:	43	Resp:	13601
Ion	Ratio	Lower	Upper
43	100		
58	27.0	44.1	66.1#
57	28.3	15.8	23.8#
100	2.0	9.4	14.2#



#59
1,2,3-Trichloropropane
Concen: 0.934 ug/L
RT: 11.47 min Scan# 3229
Delta R.T. 1.00 min
Lab File: VU035068.D
Acq: 10 Oct 2019 23:27

Tgt Ion:	75	Resp:	7874
Ion	Ratio	Lower	Upper
75	100		
77	36.3	26.5	39.7

