

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U0102219\
 Data File : VU035396.D
 Acq On : 23 Oct 2019 06:22
 Operator : JC/SP
 Sample : VIBLK44
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 23 08:16:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Oct 23 08:10:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	241966	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	245622	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	87318	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	90516	6.13	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	122.60%
7) Chloroethane-d5	1.93	69	82919	6.15	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	123.00%
11) 1,1-Dichloroethene-d2	2.59	63	119594	4.38	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.60%
20) 2-Butanone-d5	4.71	46	228781	53.96	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.92%
24) Chloroform-d	5.11	84	152972	5.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	113.40%
26) 1,2-Dichloroethane-d4	5.75	65	86702	5.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	116.00%
32) Benzene-d6	5.77	84	302421	5.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.60%
36) 1,2-Dichloropropane-d6	6.74	67	102586	5.75	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	115.00%
41) Toluene-d8	7.93	98	253155	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.20%
43) trans-1,3-Dichloropropene-	8.22	79	36365	4.20	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.00%
46) 2-Hexanone-d5	8.68	63	170280	44.61	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.22%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	85730	5.39	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.80%
64) 1,2-Dichlorobenzene-d4	12.22	152	86264	5.42	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.40%

Target Compounds

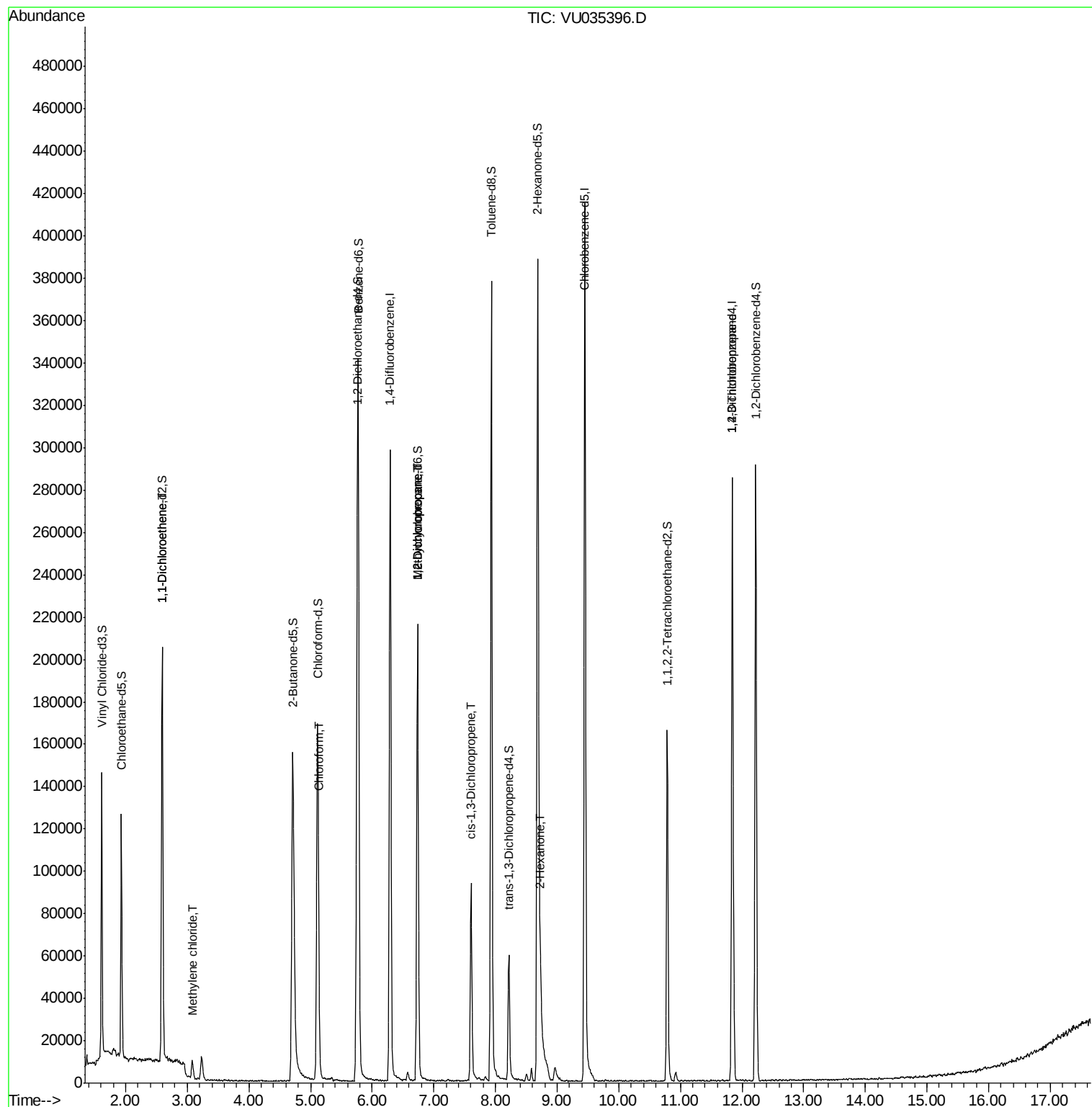
					Ovalue
12) 1,1-Dichloroethene	2.60	96	1073	0.069 ug/L #	1
16) Methylene chloride	3.08	84	4324	0.231 ug/L	84
25) Chloroform	5.14	83	11203	0.337 ug/L	92
35) Methylcyclohexane	6.73	83	23418	0.721 ug/L #	19
37) 1,2-Dichloropropane	6.74	63	11317	0.617 ug/L #	86
39) cis-1,3-Dichloropropene	7.60	75	2456	0.080 ug/L #	16
48) 2-Hexanone	8.73	43	10431	1.201 ug/L #	82
59) 1,2,3-Trichloropropane	11.84	75	11125	0.870 ug/L	91

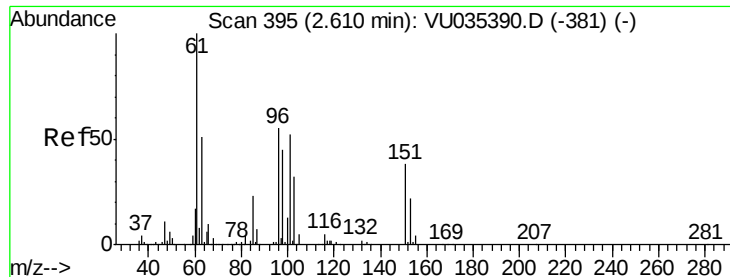
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Oct 23 08:10:07 2019
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.069 ug/L

RT: 2.60 min Scan# 392

Delta R.T. -0.01 min

Lab File: VU035396.D

Acq: 23 Oct 2019 06:22

Instrument :

MSVOA_U

ClientSampleId :

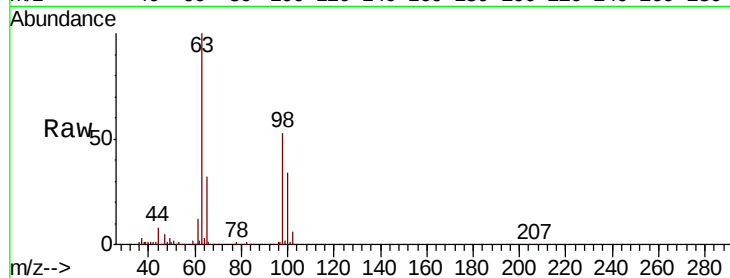
Tot Ion: 96 Resp: 1073

Ion Ratio Lower Upper

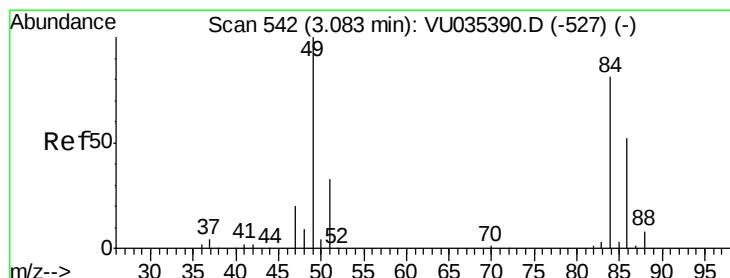
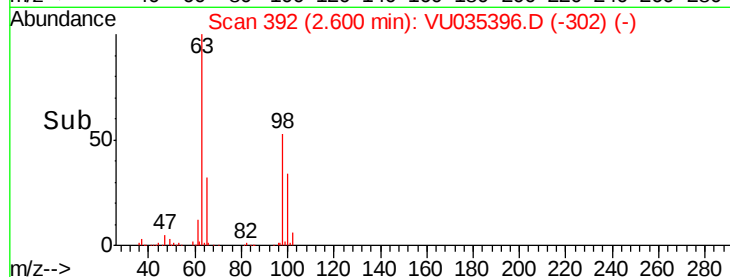
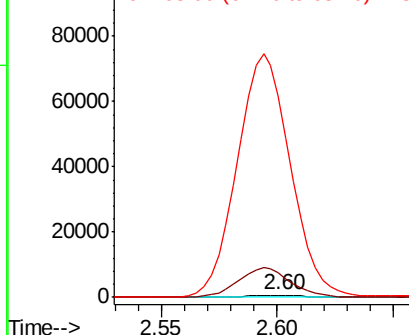
96 100

61 1263.2 120.6 224.0#

63 10387.9 86.8 161.2#



Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.05 (60.75 to 61.75): VU0
Ion 63.00 (62.70 to 63.70): VU0



#16

Methylene chloride

Concen: 0.231 ug/L

RT: 3.08 min Scan# 542

Delta R.T. -0.00 min

Lab File: VU035396.D

Acq: 23 Oct 2019 06:22

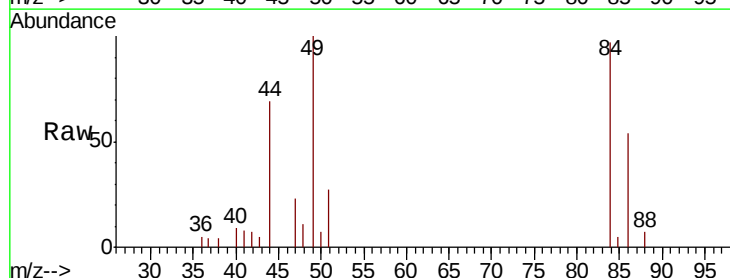
Tgt Ion: 84 Resp: 4324

Ion Ratio Lower Upper

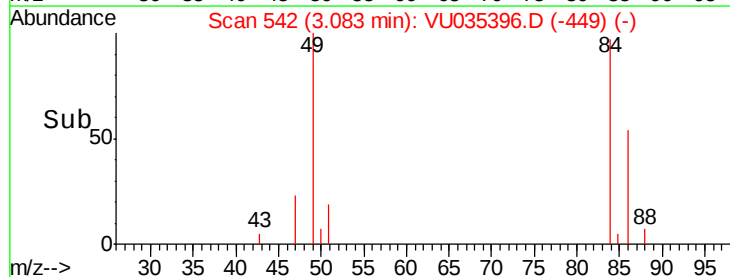
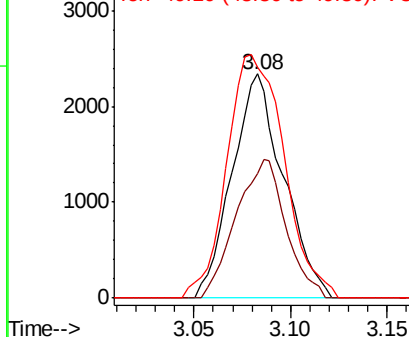
84 100

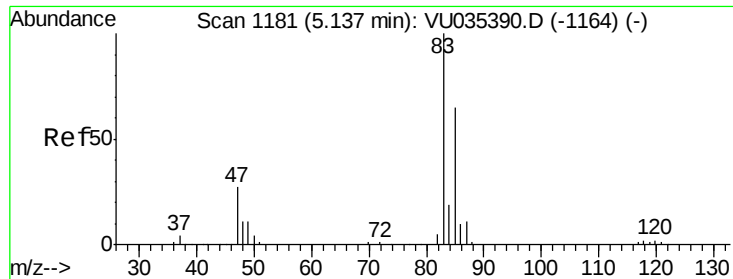
86 55.9 45.4 84.2

49 103.0 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

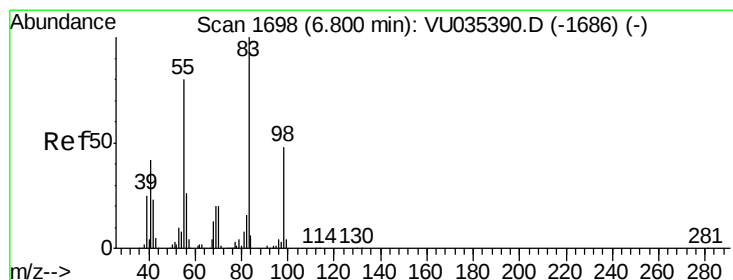
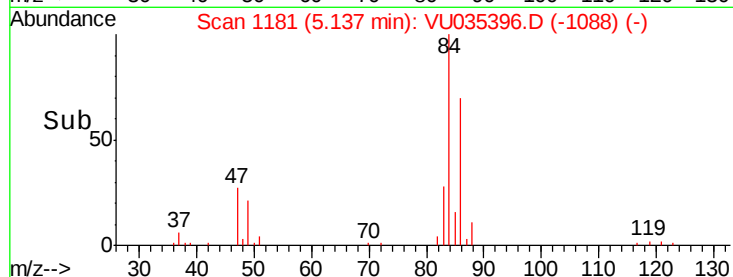
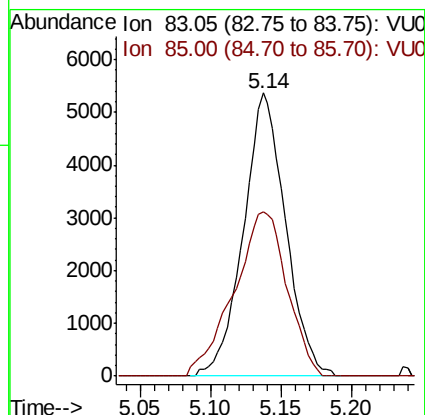
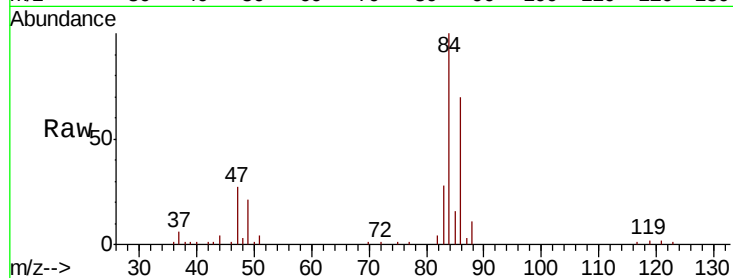




#25
Chloroform
Concen: 0.337 ug/L
RT: 5.14 min Scan# 1181
Delta R.T. -0.00 min
Lab File: VU035396.D
Acq: 23 Oct 2019 06:22

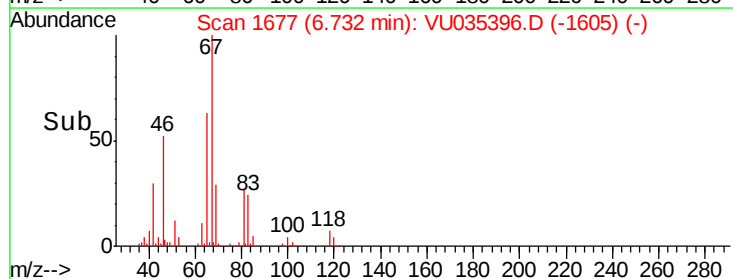
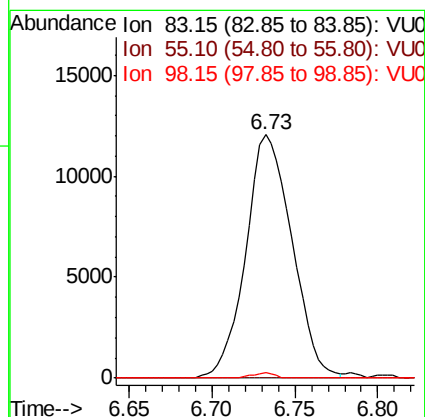
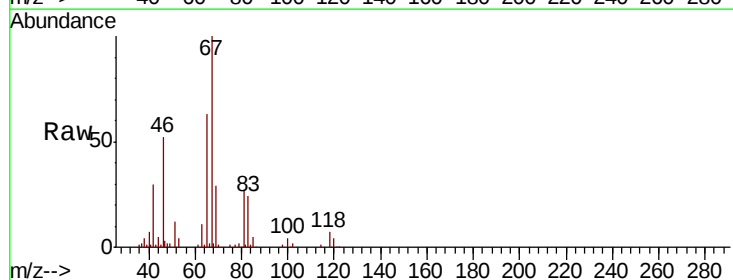
Instrument :
MSVOA_U
ClientSampled :

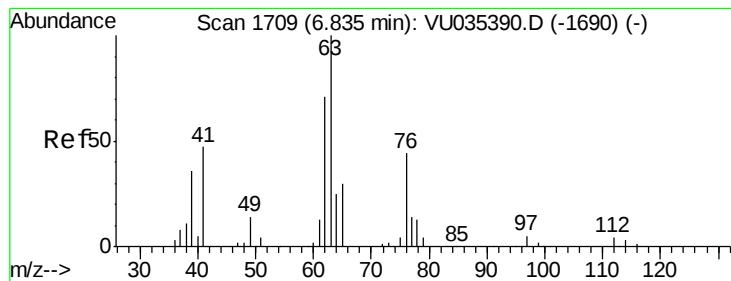
Tot Ion: 83 Resp: 11203
Ion Ratio Lower Upper
83 100
85 58.0 45.1 83.9



#35
Methylcyclohexane
Concen: 0.721 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.07 min
Lab File: VU035396.D
Acq: 23 Oct 2019 06:22

Tgt Ion: 83 Resp: 23418
Ion Ratio Lower Upper
83 100
55 0.0 60.4 90.6#
98 1.1 39.5 59.3#





#37

1,2-Dichloropropane

Concen: 0.617 ug/L

RT: 6.74 min Scan# 1678

Delta R.T. -0.10 min

Lab File: VU035396.D

Acq: 23 Oct 2019 06:22

Instrument :

MSVOA_U

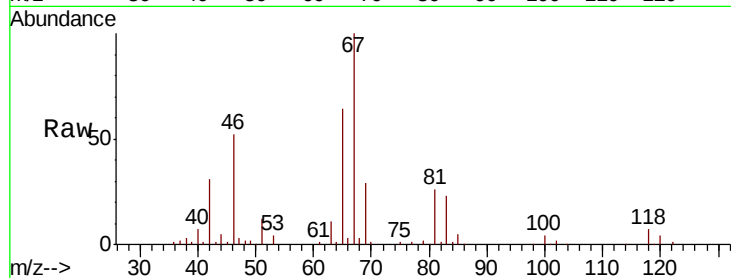
ClientSampleId :

Tot Ion: 63 Resp: 11317

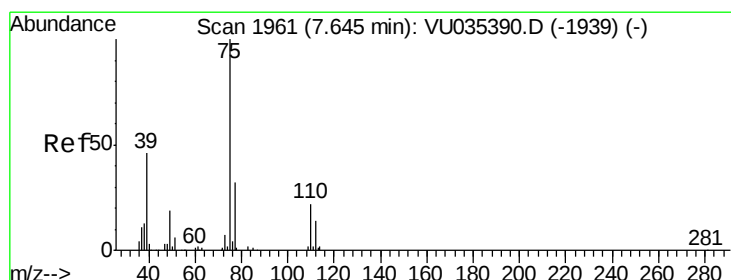
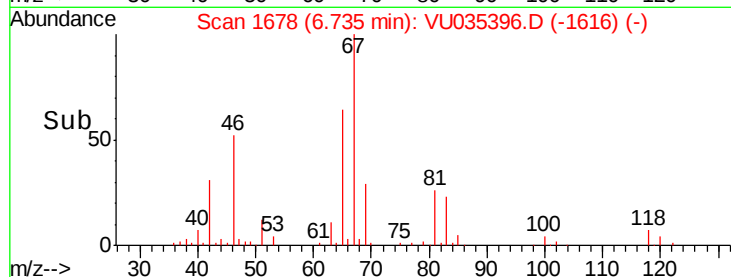
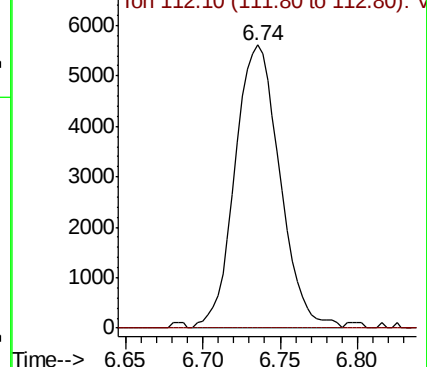
Ion Ratio Lower Upper

63 100

112 0.0 3.7 5.5#



Abundance Ion 63.10 (62.80 to 63.80): VU035396.D (-1678) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.080 ug/L

RT: 7.60 min Scan# 1948

Delta R.T. -0.04 min

Lab File: VU035396.D

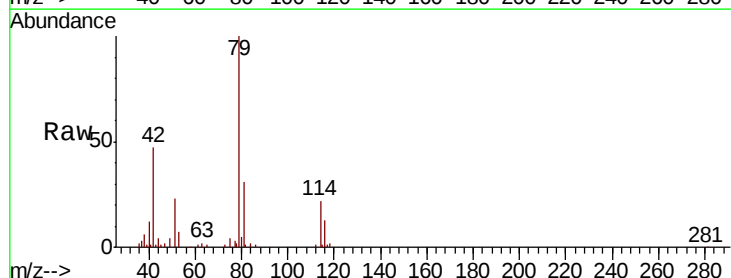
Acq: 23 Oct 2019 06:22

Tgt Ion: 75 Resp: 2456

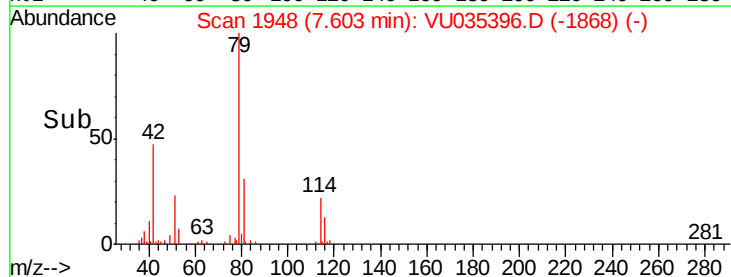
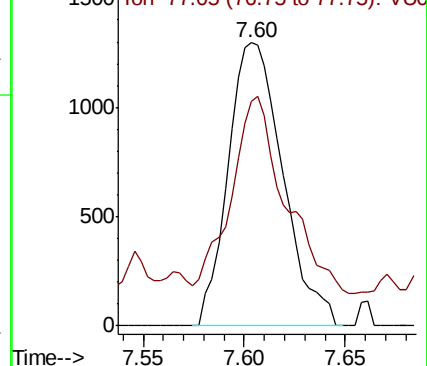
Ion Ratio Lower Upper

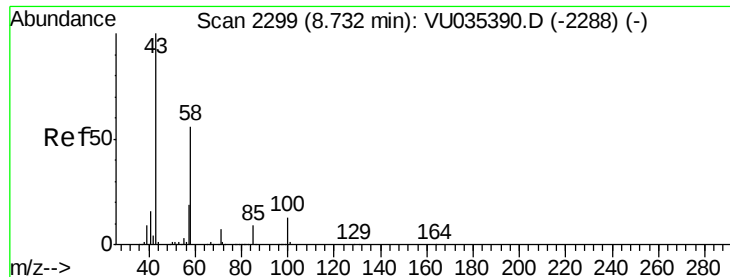
75 100

77 79.4 22.7 42.1#



Abundance Ion 75.05 (74.75 to 75.75): VU035396.D (-1868) (-)

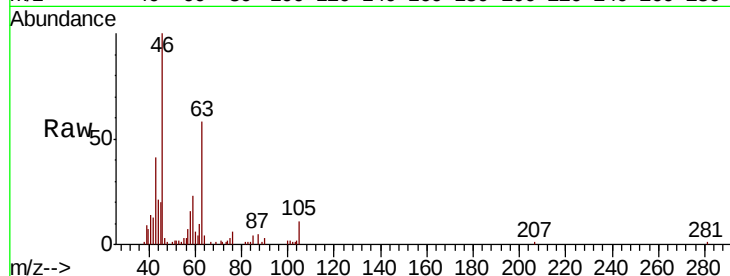




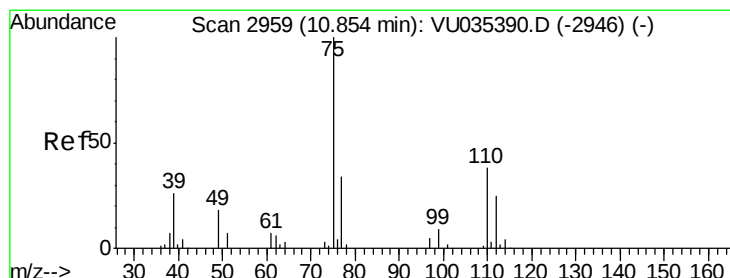
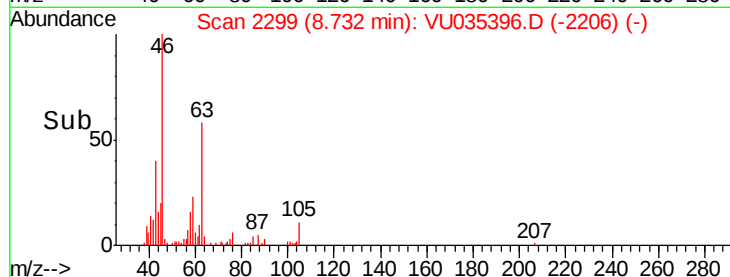
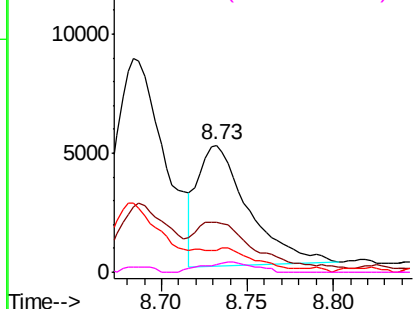
#48
2-Hexanone
Concen: 1.201 ug/L
RT: 8.73 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VU035396.D
Acq: 23 Oct 2019 06:22

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 10431
Ion Ratio Lower Upper
43 100
58 48.9 45.1 67.7
57 0.0 16.0 24.0#
100 8.3 10.4 15.6#

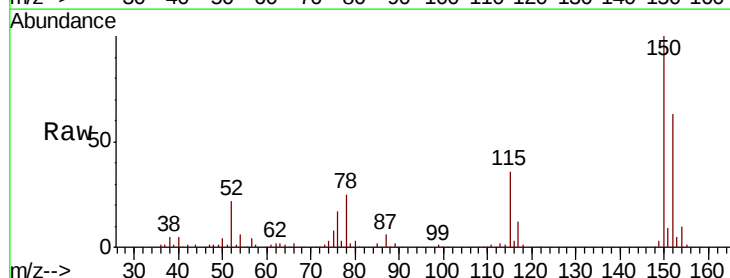


Abundance Ion 43.05 (42.75 to 43.75): VU0
Ion 58.05 (57.75 to 58.75): VU0
Ion 57.20 (56.90 to 57.90): VU0
Ion 100.15 (99.85 to 100.85): VU0



#59
1,2,3-Trichloropropane
Concen: 0.870 ug/L
RT: 11.84 min Scan# 3266
Delta R.T. 0.99 min
Lab File: VU035396.D
Acq: 23 Oct 2019 06:22

Tgt Ion: 75 Resp: 11125
Ion Ratio Lower Upper
75 100
77 37.6 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VU0
Ion 77.00 (76.70 to 77.70): VU0

