

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U102219\
 Data File : VU035376.D
 Acq On : 22 Oct 2019 20:27
 Operator : JC/SP
 Sample : VIBLK41
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 23 08:06:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Oct 23 08:02:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	253805	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	255123	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	93209	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	93498	6.04	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	120.80%
7) Chloroethane-d5	1.93	69	84532	5.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	119.40%
11) 1,1-Dichloroethene-d2	2.59	63	122332	4.28	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.60%
20) 2-Butanone-d5	4.71	46	235262	52.90	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.80%
24) Chloroform-d	5.11	84	152664	5.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.00%
26) 1,2-Dichloroethane-d4	5.75	65	88860	5.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	113.40%
32) Benzene-d6	5.77	84	308047	5.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.60%
36) 1,2-Dichloropropane-d6	6.74	67	103797	5.60	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	112.00%
41) Toluene-d8	7.93	98	261122	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.60%
43) trans-1,3-Dichloropropene-	8.22	79	37724	4.20	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.00%
46) 2-Hexanone-d5	8.68	63	171660	43.30	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.60%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	85862	5.20	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.00%
64) 1,2-Dichlorobenzene-d4	12.22	152	91695	5.40	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.00%

Target Compounds

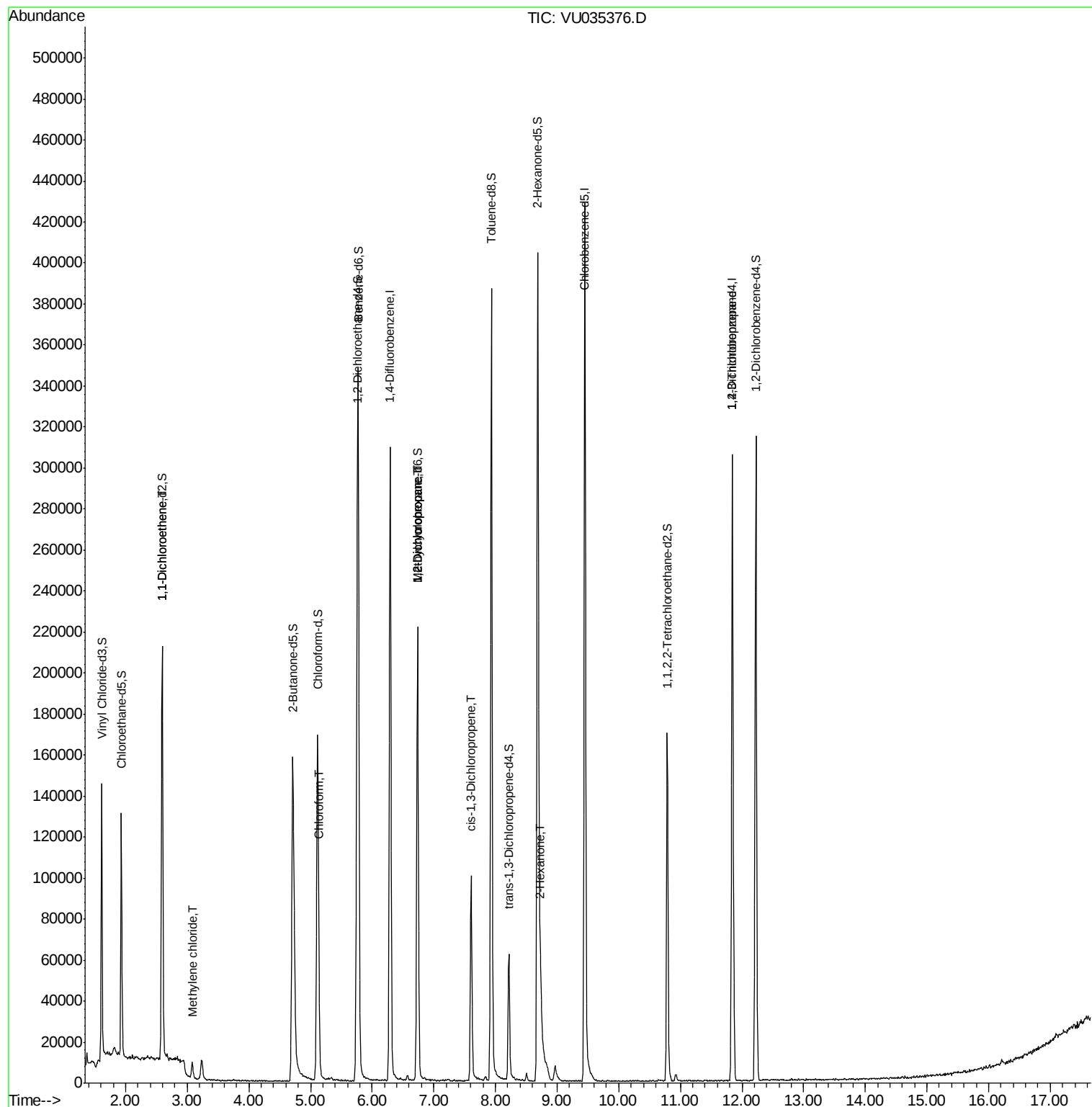
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.59	96	1289	0.079	ug/L #	1
16) Methylene chloride	3.08	84	3481	0.177	ug/L	97
25) Chloroform	5.14	83	11929	0.342	ug/L	96
35) Methylcyclohexane	6.74	83	24058	0.713	ug/L #	19
37) 1,2-Dichloropropane	6.74	63	11307	0.593	ug/L #	88
39) cis-1,3-Dichloropropene	7.61	75	2952	0.093	ug/L #	45
48) 2-Hexanone	8.74	43	11266	1.249	ug/L #	91
59) 1,2,3-Trichloropropane	11.84	75	11135	0.839	ug/L	94

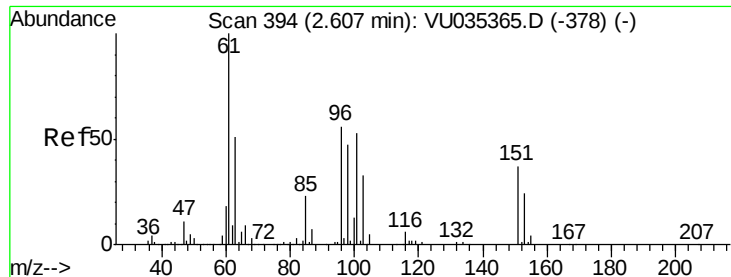
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Oct 23 08:02:08 2019
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.079 ug/L

RT: 2.59 min Scan# 389

Delta R.T. -0.02 min

Lab File: VU035376.D

Acq: 22 Oct 2019 20:27

Instrument :
MSVOA_U
ClientSampled :

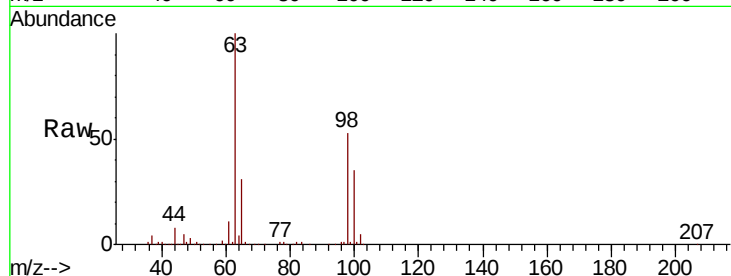
Tot Ion: 96 Resp: 1289

Ion Ratio Lower Upper

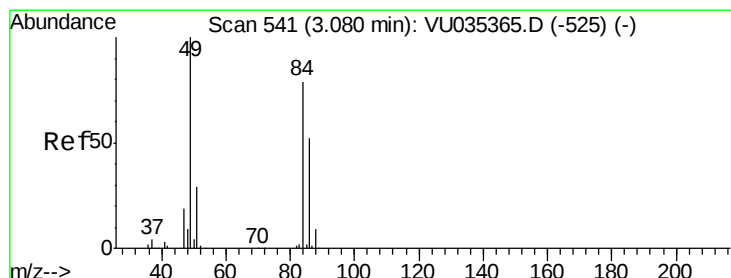
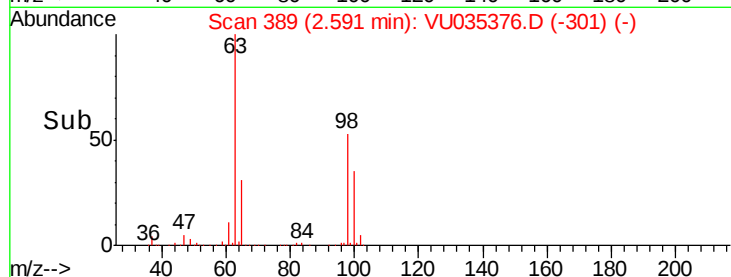
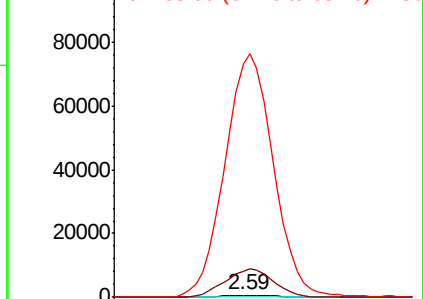
96 100

61 1344.8 120.6 224.0#

63 11828.4 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: 0.177 ug/L

RT: 3.08 min Scan# 542

Delta R.T. 0.00 min

Lab File: VU035376.D

Acq: 22 Oct 2019 20:27

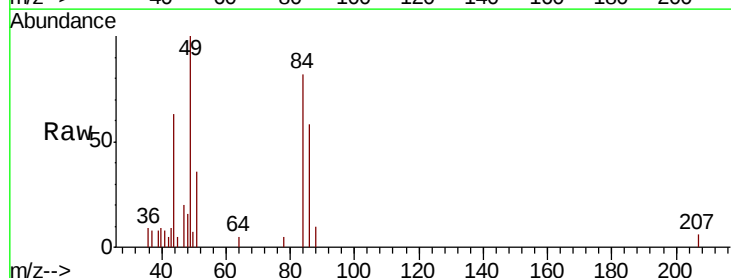
Tgt Ion: 84 Resp: 3481

Ion Ratio Lower Upper

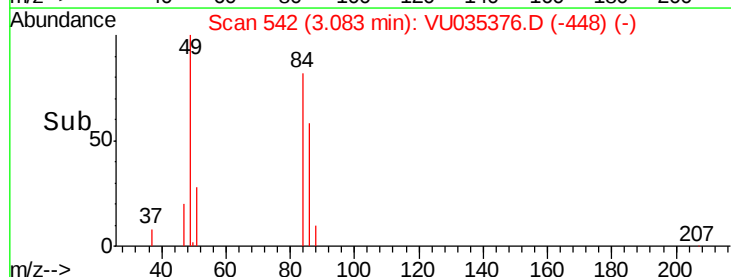
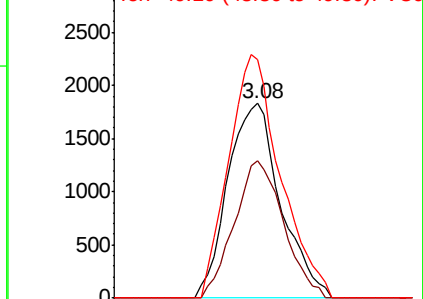
84 100

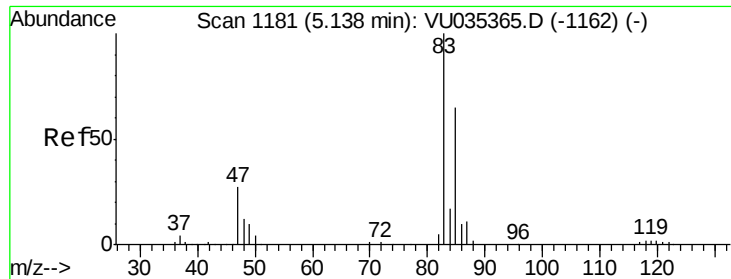
86 70.6 45.4 84.2

49 122.5 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

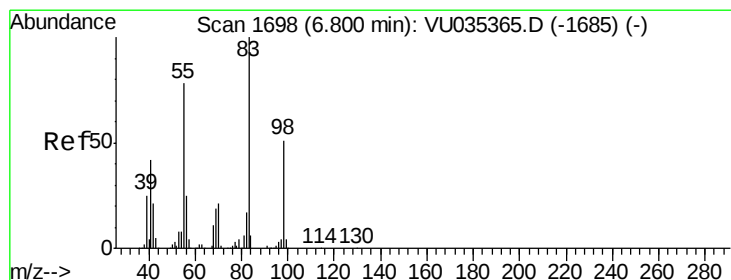
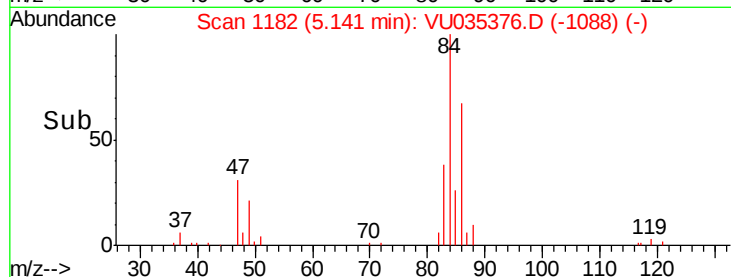
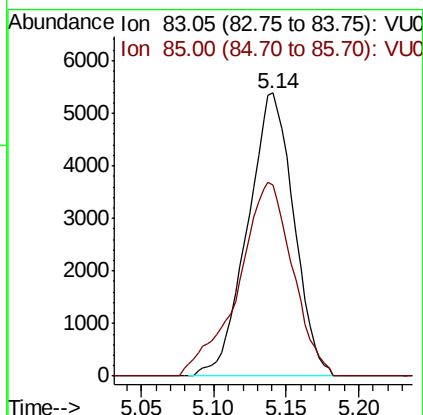
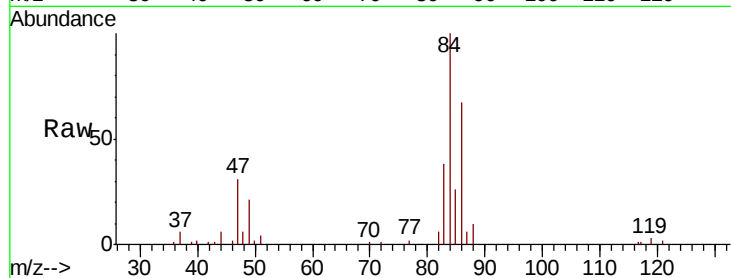




#25
Chloroform
Concen: 0.342 ug/L
RT: 5.14 min Scan# 1182
Delta R.T. 0.00 min
Lab File: VU035376.D
Acq: 22 Oct 2019 20:27

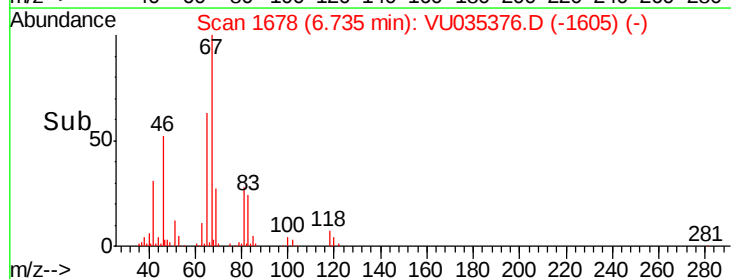
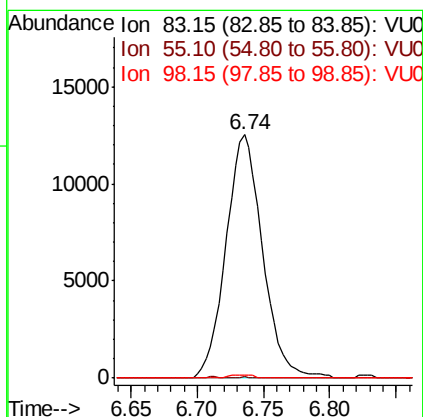
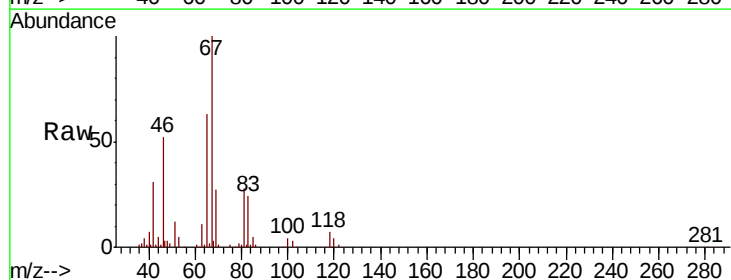
Instrument :
MSVOA_U
ClientSampled :

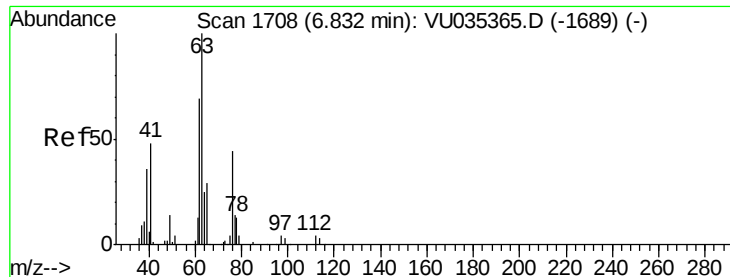
Tot Ion: 83 Resp: 11929
Ion Ratio Lower Upper
83 100
85 67.4 45.1 83.9



#35
Methylcyclohexane
Concen: 0.713 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.06 min
Lab File: VU035376.D
Acq: 22 Oct 2019 20:27

Tgt Ion: 83 Resp: 24058
Ion Ratio Lower Upper
83 100
55 0.1 60.4 90.6#
98 0.8 39.5 59.3#





#37

1,2-Dichloropropane

Concen: 0.593 ug/L

RT: 6.74 min Scan# 1678

Delta R.T. -0.10 min

Lab File: VU035376.D

Acq: 22 Oct 2019 20:27

Instrument :

MSVOA_U

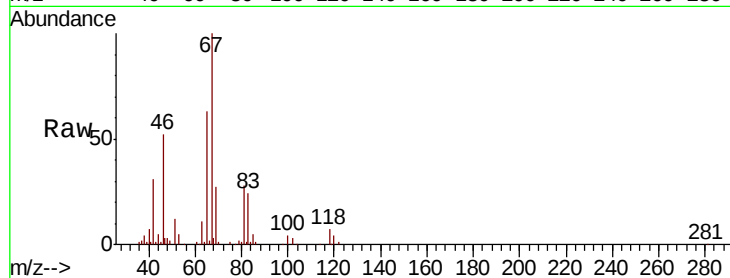
ClientSampleId :

Tot Ion: 63 Resp: 11307

Ion Ratio Lower Upper

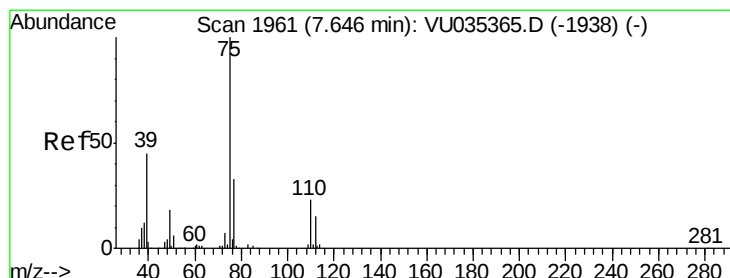
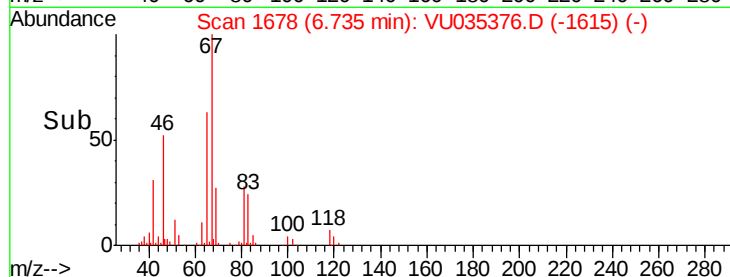
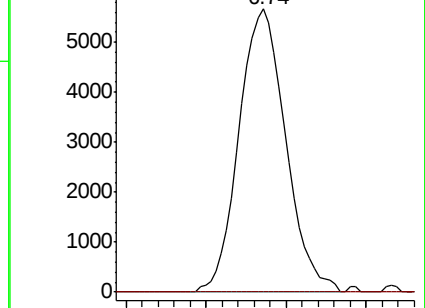
63 100

112 0.5 3.7 5.5#



Abundance Ion 63.10 (62.80 to 63.80): VU035376.D (-1678) (-)

Ion 112.10 (111.80 to 112.80): VU035376.D (-1678) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.093 ug/L

RT: 7.61 min Scan# 1950

Delta R.T. -0.04 min

Lab File: VU035376.D

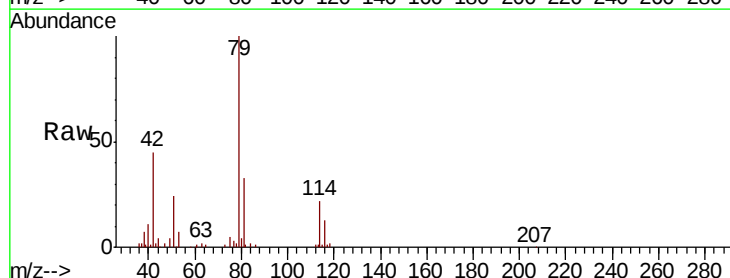
Acq: 22 Oct 2019 20:27

Tgt Ion: 75 Resp: 2952

Ion Ratio Lower Upper

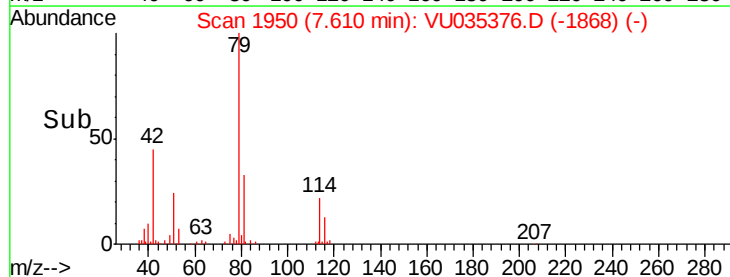
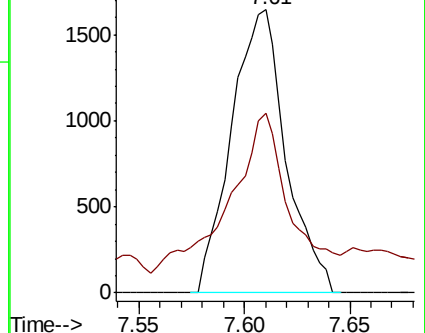
75 100

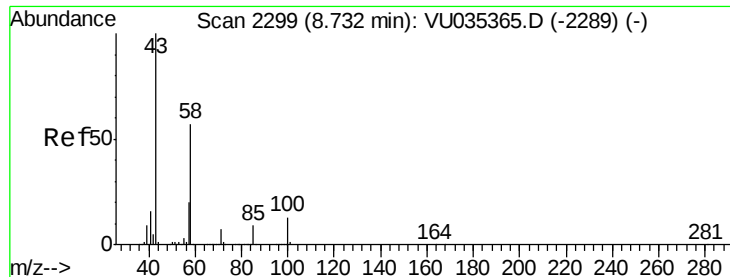
77 63.3 22.7 42.1#



Abundance Ion 75.05 (74.75 to 75.75): VU035376.D (-1868) (-)

Ion 77.05 (76.75 to 77.75): VU035376.D (-1868) (-)

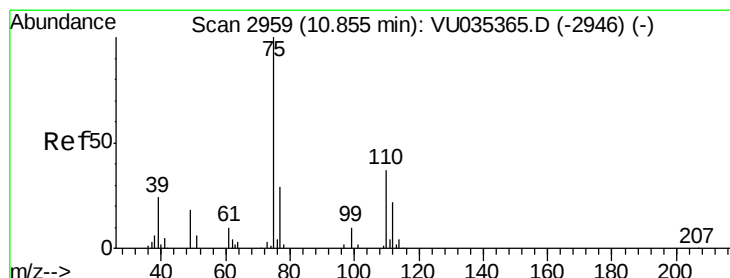
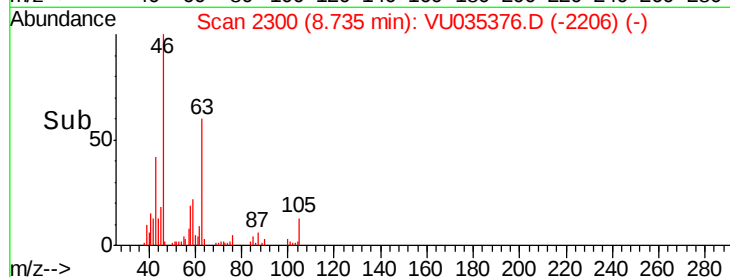
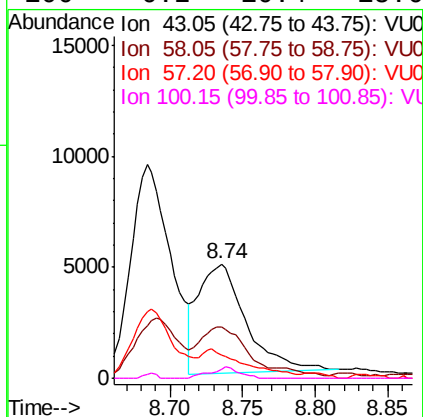
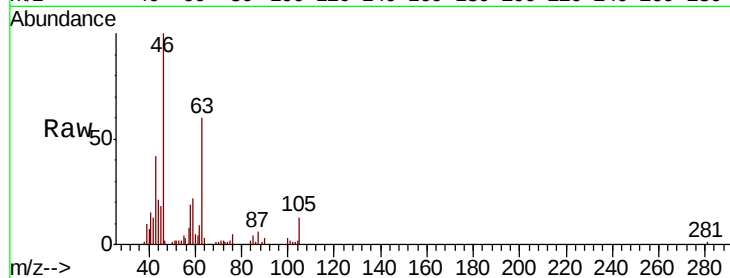




#48
 2-Hexanone
 Concen: 1.249 ug/L
 RT: 8.74 min Scan# 2300
 Delta R.T. 0.00 min
 Lab File: VU035376.D
 Acq: 22 Oct 2019 20:27

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 43 Resp: 11266
 Ion Ratio Lower Upper
 43 100
 58 51.9 45.1 67.7
 57 25.5 16.0 24.0#
 100 6.2 10.4 15.6#



#59
 1,2,3-Trichloropropane
 Concen: 0.839 ug/L
 RT: 11.84 min Scan# 3266
 Delta R.T. 0.99 min
 Lab File: VU035376.D
 Acq: 22 Oct 2019 20:27

Tgt Ion: 75 Resp: 11135
 Ion Ratio Lower Upper
 75 100
 77 35.8 26.2 39.2

