

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U102219\
 Data File : VU035371.D
 Acq On : 22 Oct 2019 18:23
 Operator : JC/SP
 Sample : K5461-20DL 50X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 23 08:05:33 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	267414	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	269463	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	104417	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	97914	6.00	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	120.00%
7) Chloroethane-d5	1.93	69	90425	6.07	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	121.40%
11) 1,1-Dichloroethene-d2	2.59	63	131131	4.35	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.00%
20) 2-Butanone-d5	4.71	46	258237	55.11	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.22%
24) Chloroform-d	5.11	84	167838	5.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	112.60%
26) 1,2-Dichloroethane-d4	5.75	65	96366	5.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	116.80%
32) Benzene-d6	5.77	84	333329	5.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.20%
36) 1,2-Dichloropropane-d6	6.74	67	112187	5.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	114.60%
41) Toluene-d8	7.93	98	283461	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.20%
43) trans-1,3-Dichloropropene-	8.22	79	43546	4.59	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.80%
46) 2-Hexanone-d5	8.68	63	188299	44.97	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.94%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	92789	5.32	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.40%
64) 1,2-Dichlorobenzene-d4	12.22	152	98951	5.20	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.00%

Target Compounds

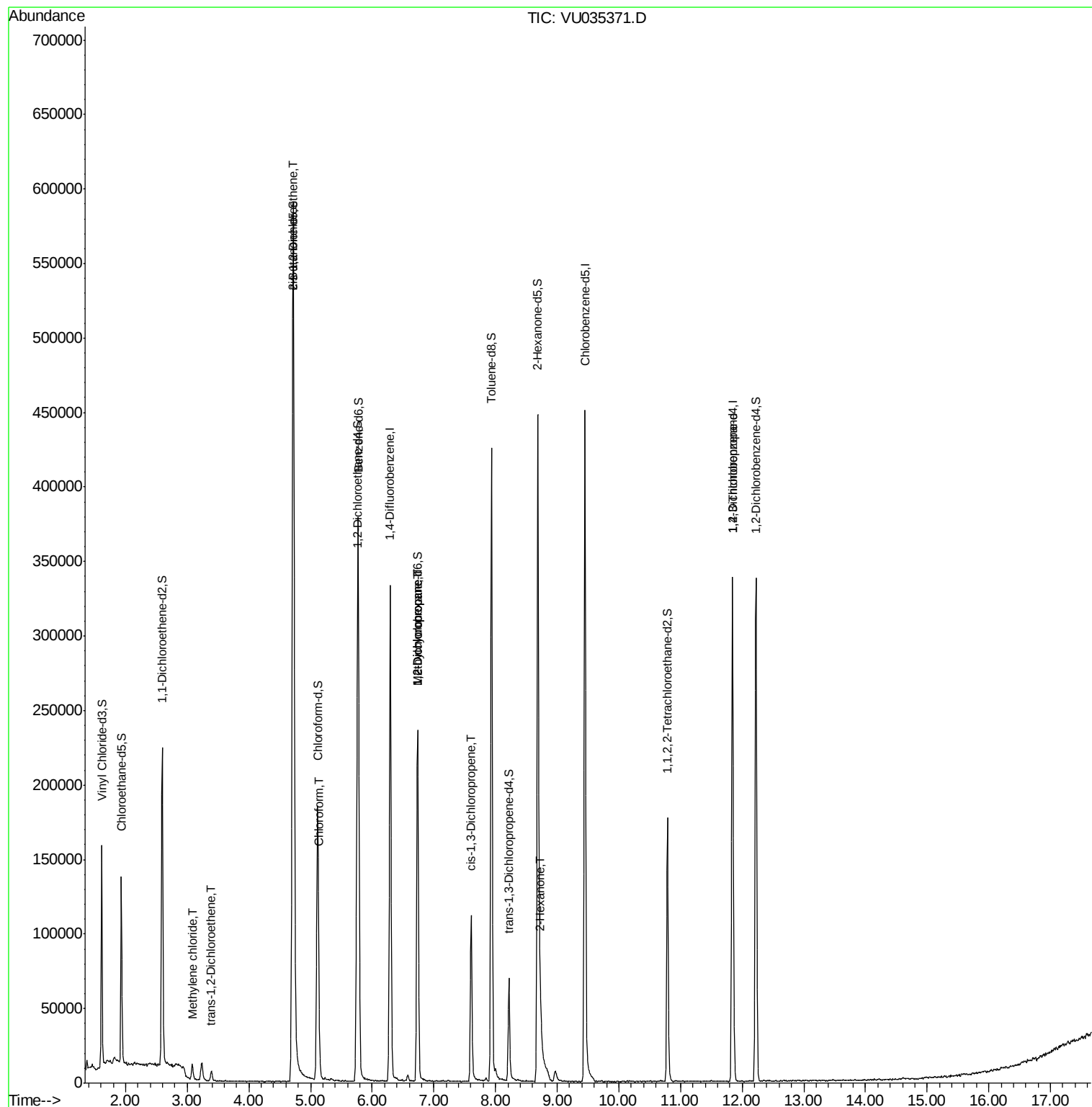
					Ovalue
16) Methylene chloride	3.08	84	4437	0.215 ug/L	93
18) trans-1,2-Dichloroethene	3.39	96	2952	0.159 ug/L	97
22) cis-1,2-Dichloroethene	4.72	96	230765	11.261 ug/L	100
25) Chloroform	5.14	83	10803	0.294 ug/L	97
35) Methylcyclohexane	6.74	83	25835	0.725 ug/L #	19
37) 1,2-Dichloropropane	6.74	63	12431	0.618 ug/L #	86
39) cis-1,3-Dichloropropene	7.60	75	2640	0.078 ug/L #	52
48) 2-Hexanone	8.73	43	10721	1.125 ug/L #	97
59) 1,2,3-Trichloropropane	11.84	75	12794	0.912 ug/L	94

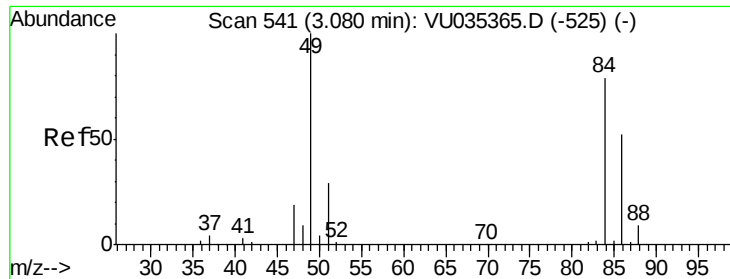
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Oct 23 08:02:08 2019
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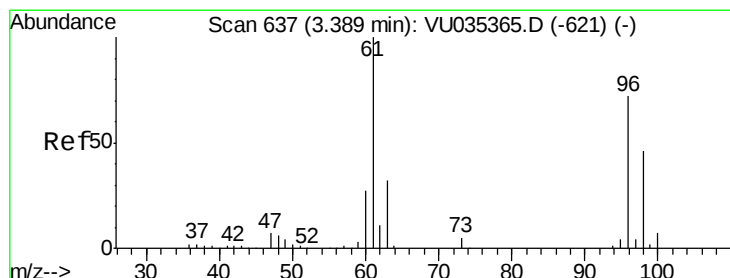
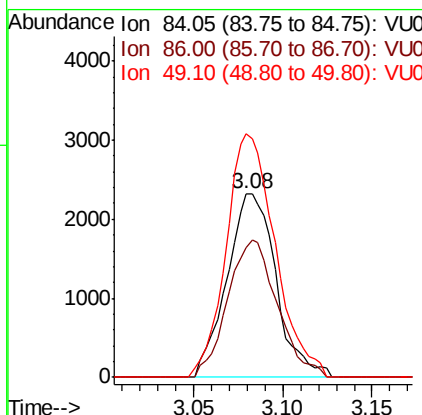
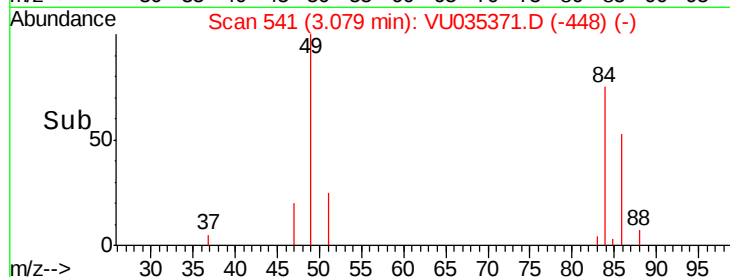
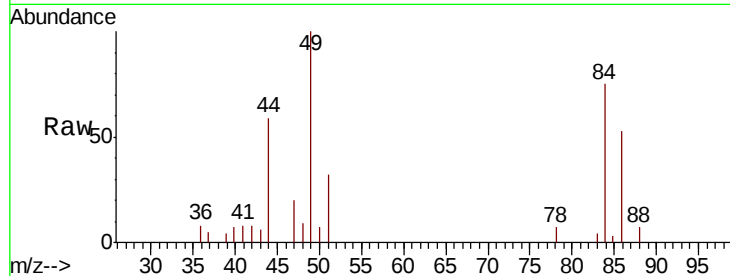




#16
Methvlene chloride
Concen: 0.215 ug/L
RT: 3.08 min Scan# 541
Delta R.T. -0.00 min
Lab File: VU035371.D
Acq: 22 Oct 2019 18:23

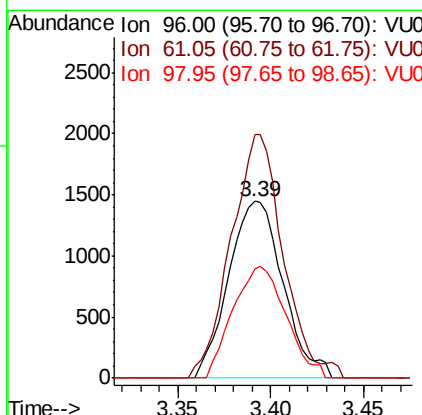
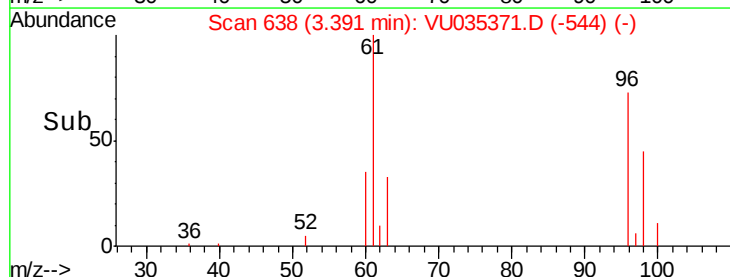
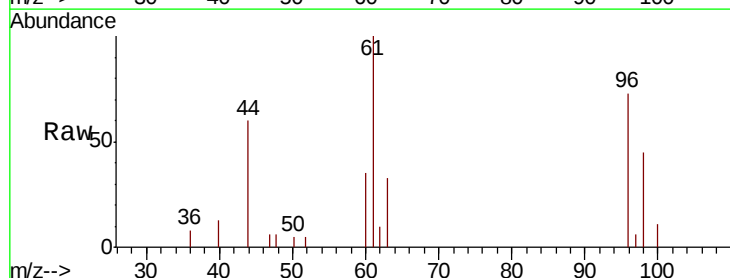
Instrument :
MSVOA_U
ClientSampleId :

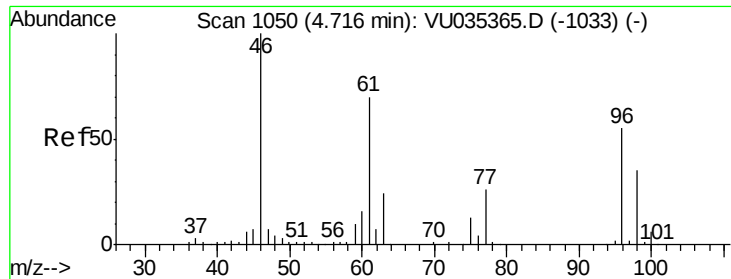
Tot Ion: 84 Resp: 4437
Ion Ratio Lower Upper
84 100
86 70.6 45.4 84.2
49 132.6 86.8 161.2



#18
trans-1,2-Dichloroethene
Concen: 0.159 ug/L
RT: 3.39 min Scan# 638
Delta R.T. 0.00 min
Lab File: VU035371.D
Acq: 22 Oct 2019 18:23

Tgt Ion: 96 Resp: 2952
Ion Ratio Lower Upper
96 100
61 137.9 93.0 172.6
98 61.7 43.7 81.1





#22

cis-1,2-Dichloroethene

Concen: 11.261 ug/L

RT: 4.72 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VU035371.D

Acq: 22 Oct 2019 18:23

Instrument :
MSVOA_U
ClientSampleId :

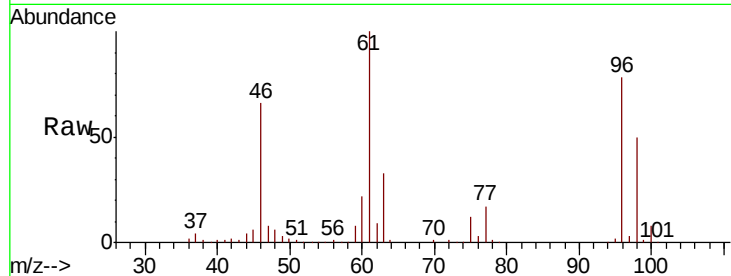
Tot Ion: 96 Resp: 230765

Ion Ratio Lower Upper

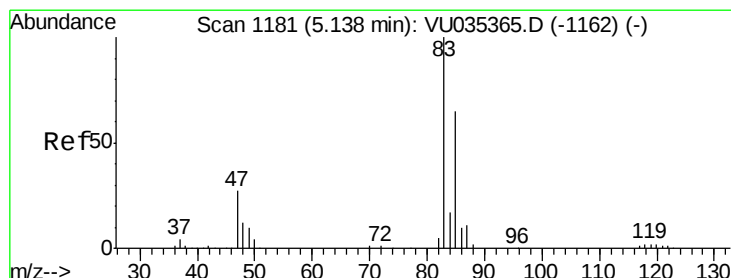
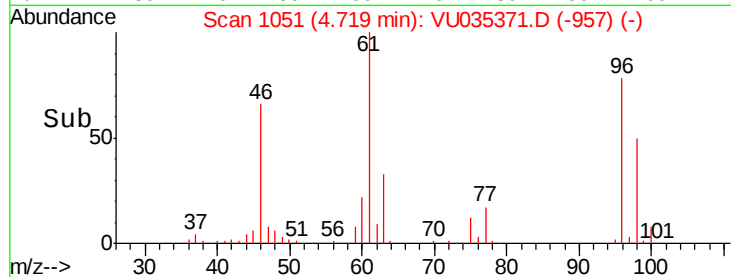
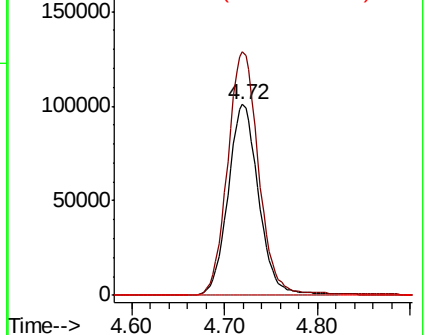
96 100

61 127.7 89.7 166.5

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.05 (60.75 to 61.75): VU0
Ion 68.15 (67.85 to 68.85): VU0



#25

Chloroform

Concen: 0.294 ug/L

RT: 5.14 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VU035371.D

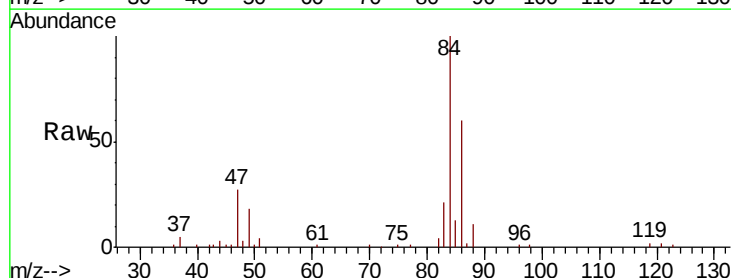
Acq: 22 Oct 2019 18:23

Tgt Ion: 83 Resp: 10803

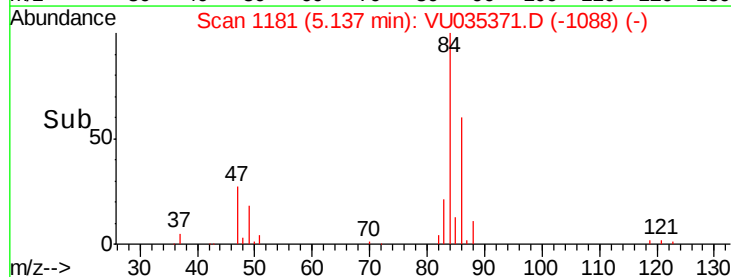
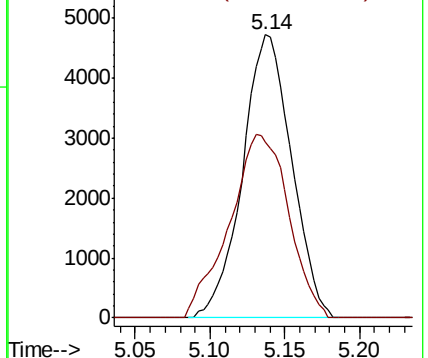
Ion Ratio Lower Upper

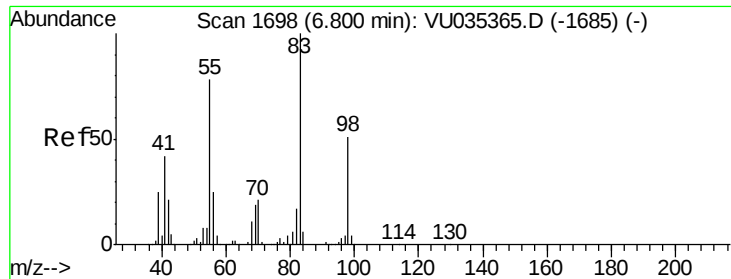
83 100

85 61.9 45.1 83.9



Abundance Ion 83.05 (82.75 to 83.75): VU0
Ion 85.00 (84.70 to 85.70): VU0

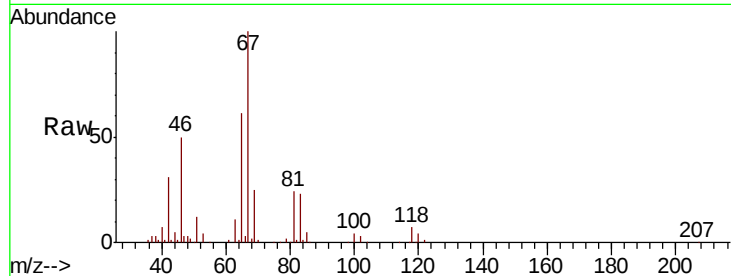




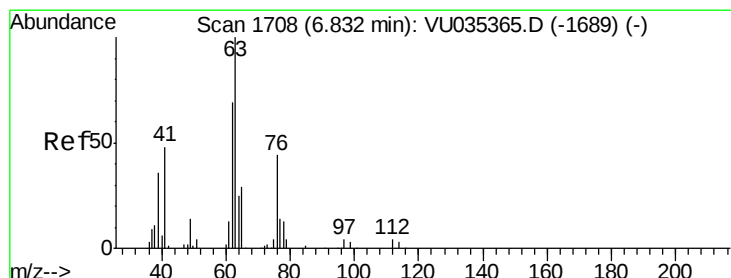
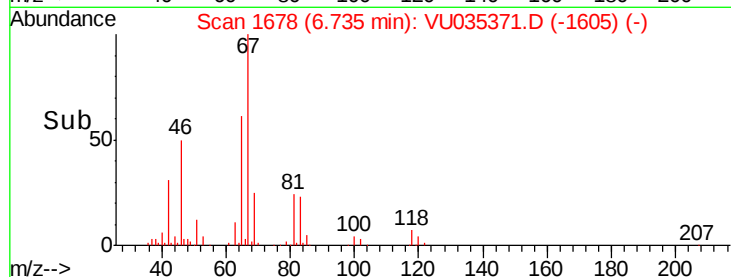
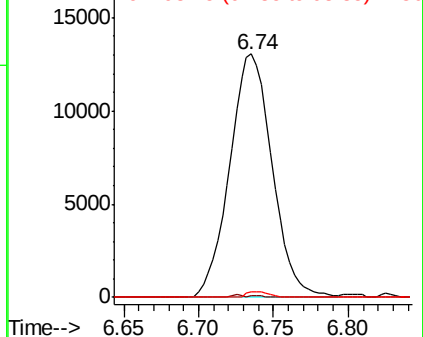
#35
Methvlcvclohexane
Concen: 0.725 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.06 min
Lab File: VU035371.D
Acq: 22 Oct 2019 18:23

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 25835
Ion Ratio Lower Upper
83 100
55 0.3 60.4 90.6#
98 1.2 39.5 59.3#

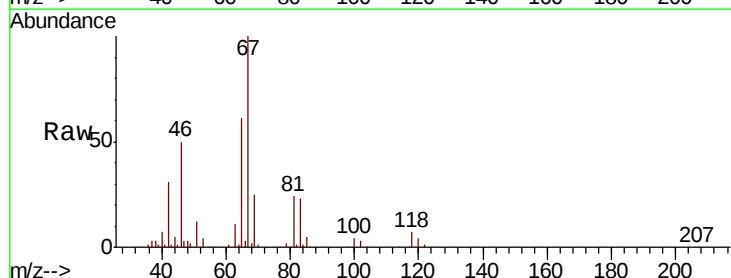


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

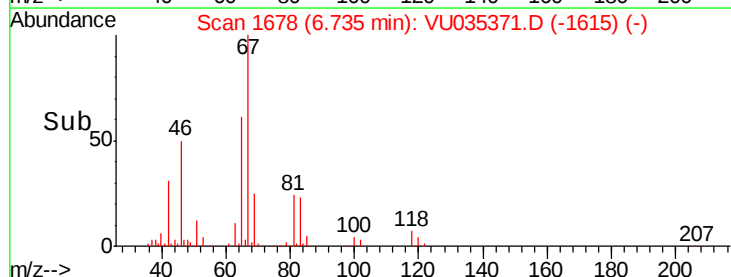
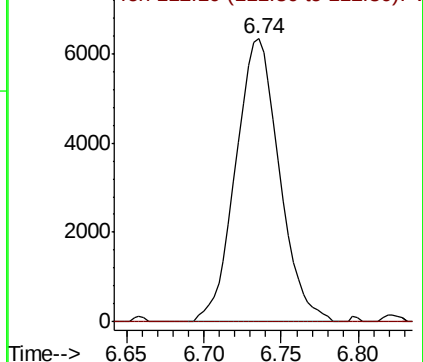


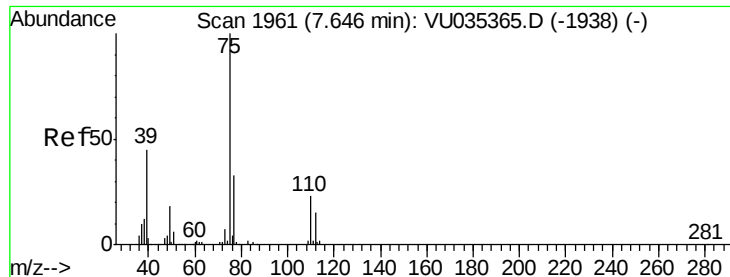
#37
1,2-Dichloropropane
Concen: 0.618 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.10 min
Lab File: VU035371.D
Acq: 22 Oct 2019 18:23

Tgt Ion: 63 Resp: 12431
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





#39

cis-1,3-Dichloropropene

Concen: 0.078 ug/L

RT: 7.60 min Scan# 1948

Delta R.T. -0.04 min

Lab File: VU035371.D

Acq: 22 Oct 2019 18:23

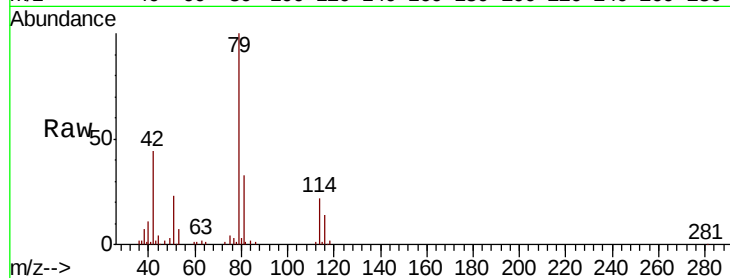
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 75 Resp: 2640

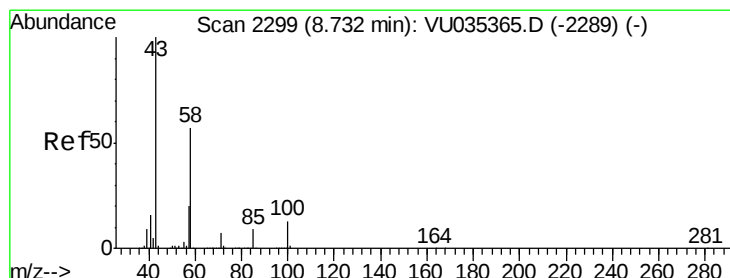
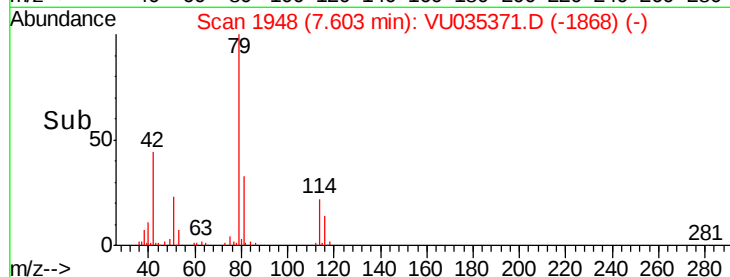
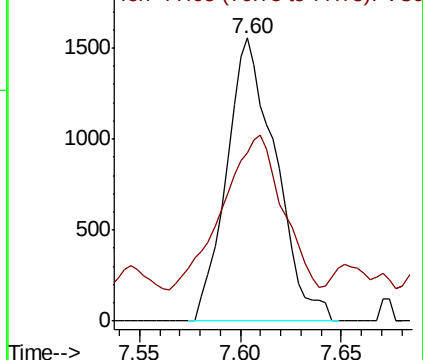
Ion Ratio Lower Upper

75 100

77 59.5 22.7 42.1#



Abundance Ion 75.05 (74.75 to 75.75): VU0
Ion 77.05 (76.75 to 77.75): VU0



#48

2-Hexanone

Concen: 1.125 ug/L

RT: 8.73 min Scan# 2299

Delta R.T. -0.00 min

Lab File: VU035371.D

Acq: 22 Oct 2019 18:23

Tgt Ion: 43 Resp: 10721

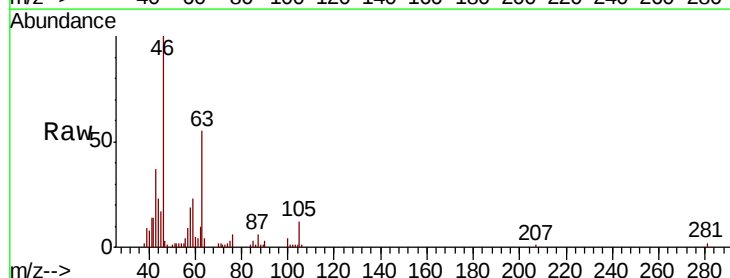
Ion Ratio Lower Upper

43 100

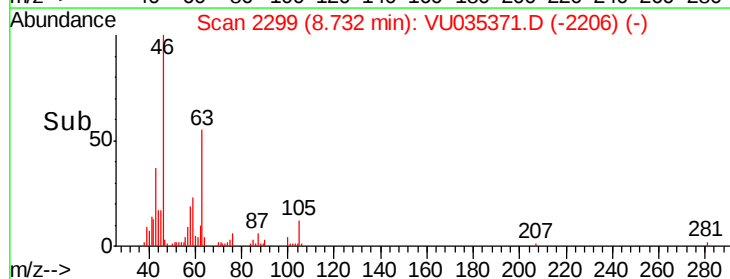
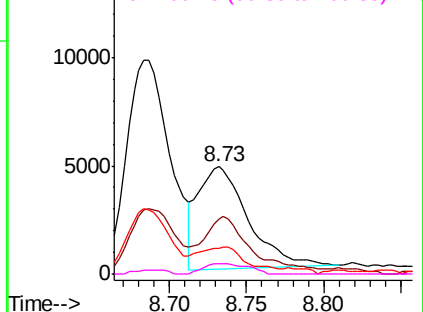
58 55.1 45.1 67.7

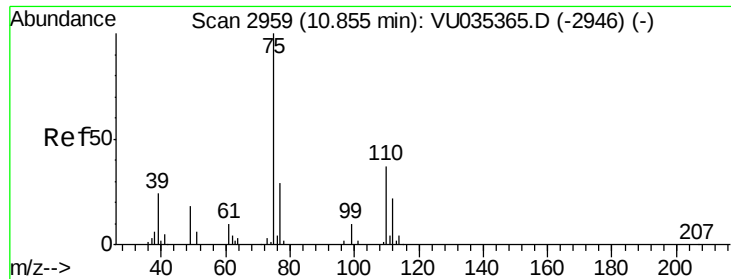
57 19.3 16.0 24.0

100 9.1 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: 0.912 ug/L

RT: 11.84 min Scan# 3266

Delta R.T. 0.99 min

Lab File: VU035371.D

Acq: 22 Oct 2019 18:23

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 12794

Ion Ratio Lower Upper

75 100

77 36.2 26.2 39.2

