

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U102219\
 Data File : VU035389.D
 Acq On : 23 Oct 2019 01:50
 Operator : JC/SP
 Sample : VIBLK42
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 23 08:08:25 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	252350	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	254862	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.85	152	85178	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	86318	5.61	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	112.20%
7) Chloroethane-d5	1.93	69	80807	5.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	114.80%
11) 1,1-Dichloroethene-d2	2.60	63	116848	4.11	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.20%
20) 2-Butanone-d5	4.70	46	219138	49.56	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.12%
24) Chloroform-d	5.11	84	148580	5.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.60%
26) 1,2-Dichloroethane-d4	5.75	65	84248	5.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.20%
32) Benzene-d6	5.77	84	299126	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.60%
36) 1,2-Dichloropropane-d6	6.74	67	100803	5.45	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.00%
41) Toluene-d8	7.93	98	252421	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.60%
43) trans-1,3-Dichloropropene-	8.22	79	35202	3.92	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.40%
46) 2-Hexanone-d5	8.69	63	163500	41.28	ug/L	0.01
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.56%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	82435	5.00	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.00%
64) 1,2-Dichlorobenzene-d4	12.22	152	77804	5.02	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.40%

Target Compounds

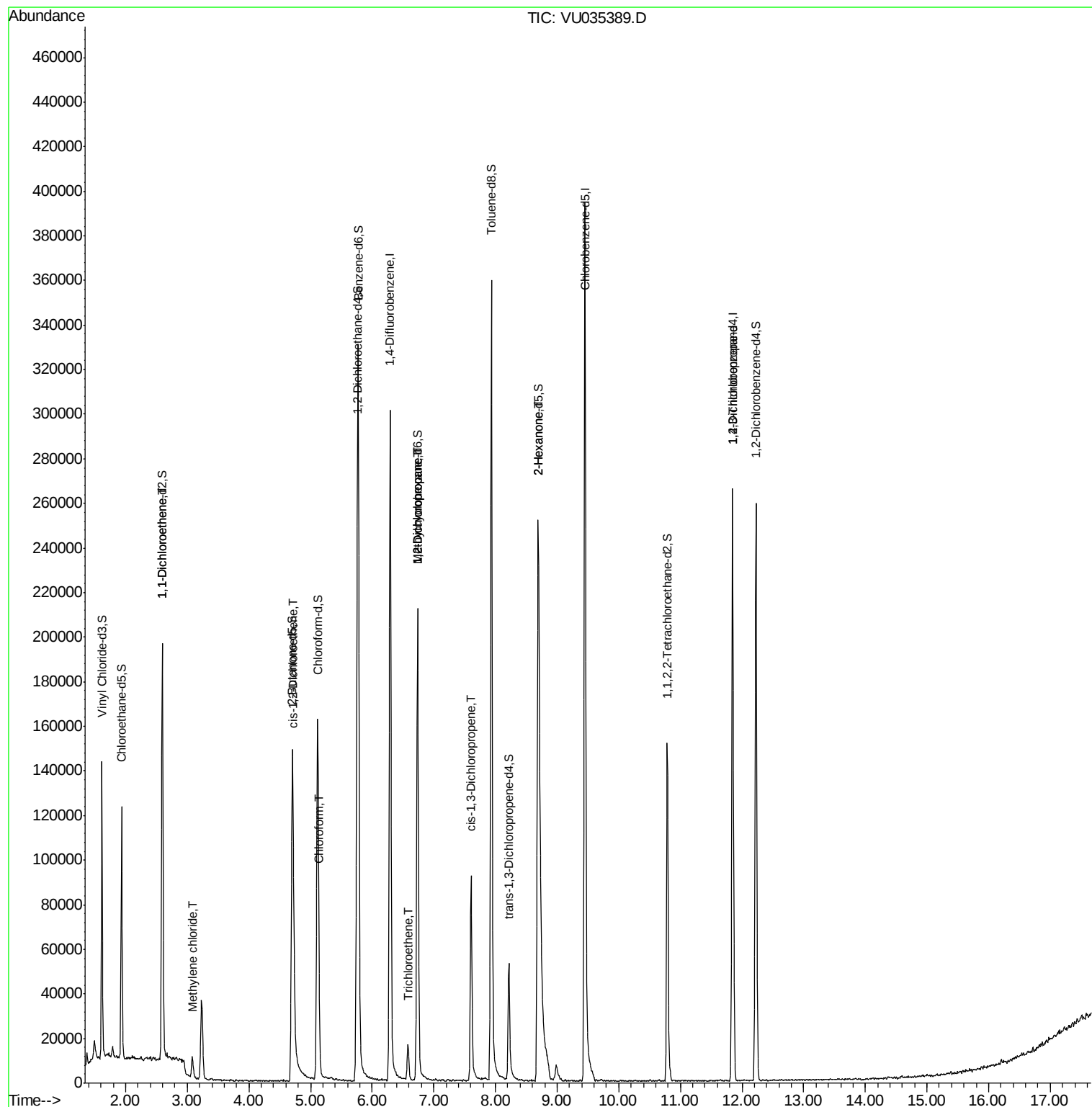
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.60	96	999	0.062	ug/L #	1
16) Methylene chloride	3.08	84	4582	0.235	ug/L	96
22) cis-1,2-Dichloroethene	4.72	96	3683	0.190	ug/L	74
25) Chloroform	5.14	83	10873	0.313	ug/L	100
34) Trichloroethene	6.58	95	4960	0.246	ug/L	90
35) Methylcyclohexane	6.74	83	23424	0.695	ug/L #	18
37) 1,2-Dichloropropane	6.73	63	11190	0.588	ug/L #	86
39) cis-1,3-Dichloropropene	7.61	75	2538	0.080	ug/L #	58
48) 2-Hexanone	8.70	43	15456	1.715	ug/L #	64
59) 1,2,3-Trichloropropane	11.84	75	10380	0.783	ug/L	90

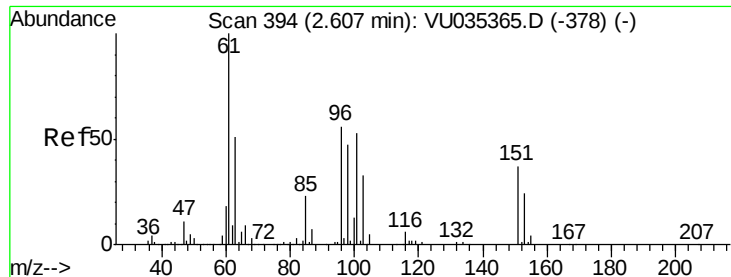
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Oct 23 08:02:08 2019
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.062 ug/L

RT: 2.60 min Scan# 391

Delta R.T. -0.01 min

Lab File: VU035389.D

Acq: 23 Oct 2019 01:50

Instrument :
MSVOA_U
ClientSampleId :

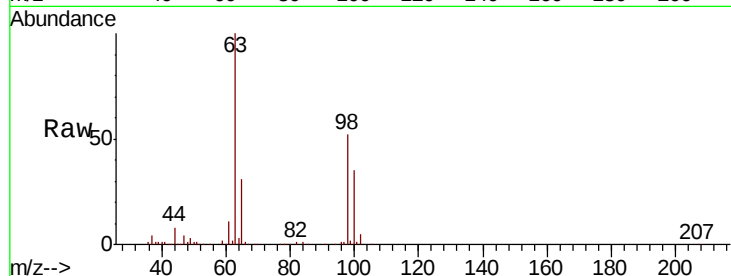
Tot Ion: 96 Resp: 999

Ion Ratio Lower Upper

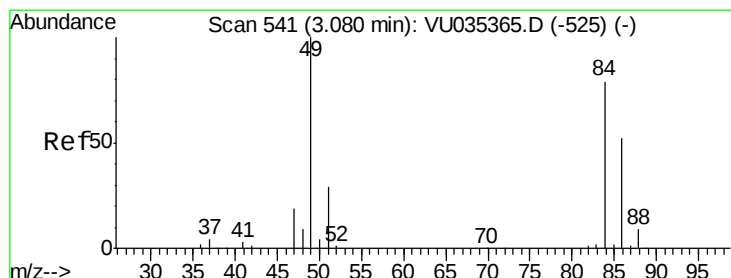
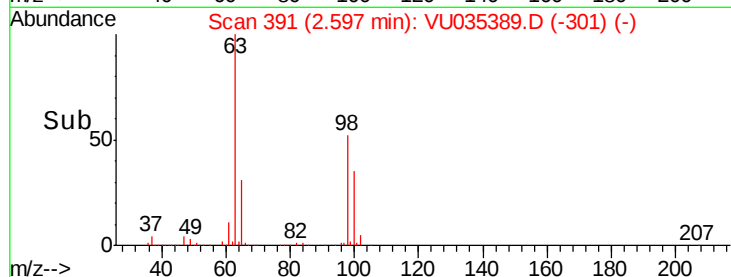
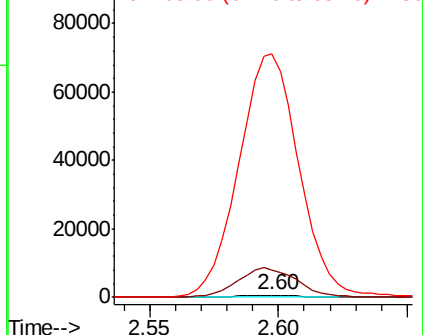
96 100

61 1330.5 120.6 224.0#

63 11604.6 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: 0.235 ug/L

RT: 3.08 min Scan# 542

Delta R.T. 0.00 min

Lab File: VU035389.D

Acq: 23 Oct 2019 01:50

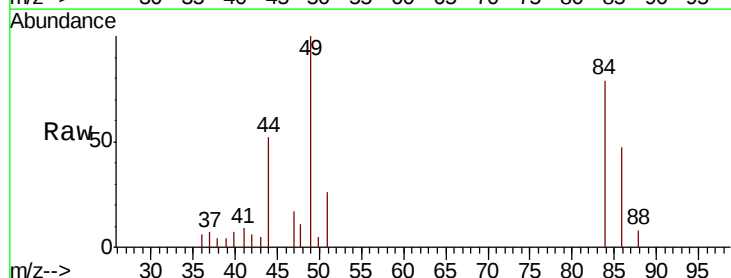
Tgt Ion: 84 Resp: 4582

Ion Ratio Lower Upper

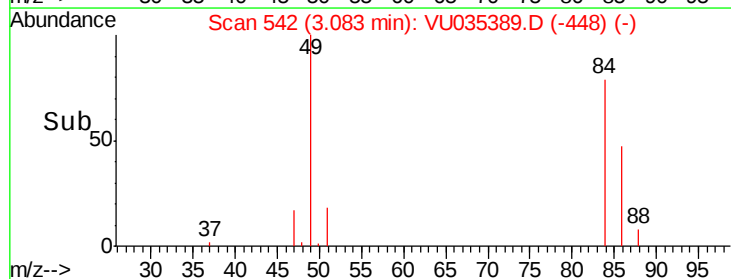
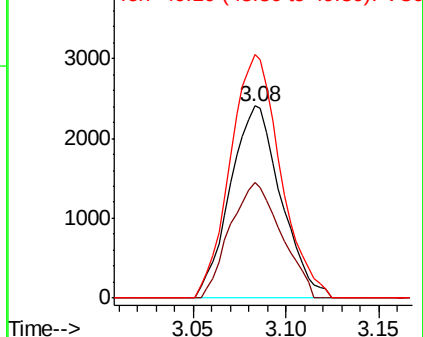
84 100

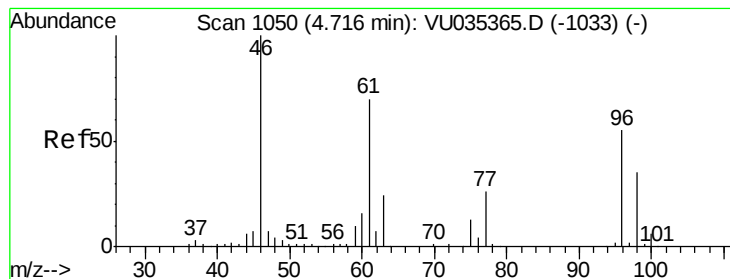
86 60.1 45.4 84.2

49 126.6 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





#22

cis-1,2-Dichloroethene

Concen: 0.190 ug/L

RT: 4.72 min Scan# 1052

Delta R.T. 0.01 min

Lab File: VU035389.D

Acq: 23 Oct 2019 01:50

Instrument :
MSVOA_U
ClientSampleId :

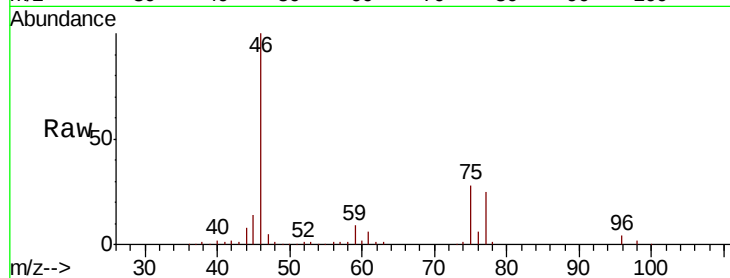
Tot Ion: 96 Resp: 3683

Ion Ratio Lower Upper

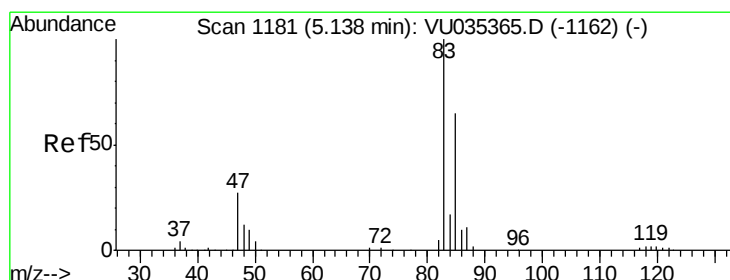
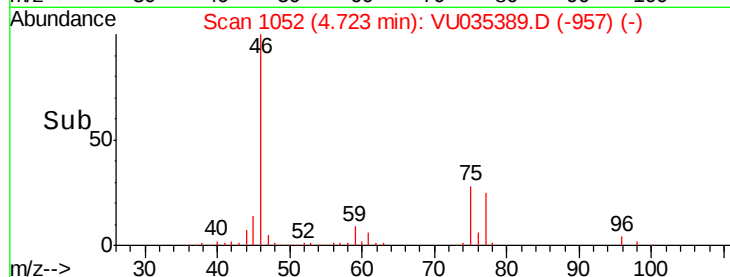
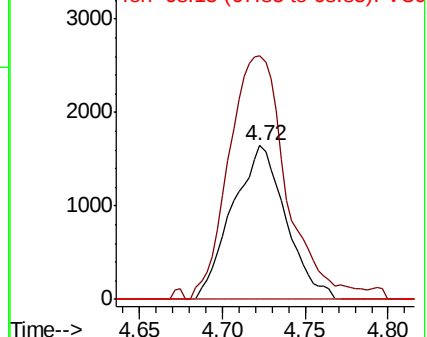
96 100

61 158.6 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: 0.313 ug/L

RT: 5.14 min Scan# 1183

Delta R.T. 0.01 min

Lab File: VU035389.D

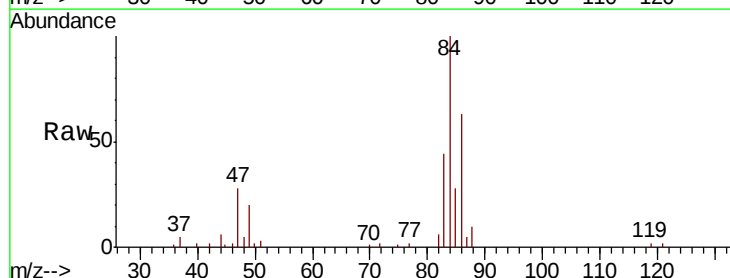
Acq: 23 Oct 2019 01:50

Tgt Ion: 83 Resp: 10873

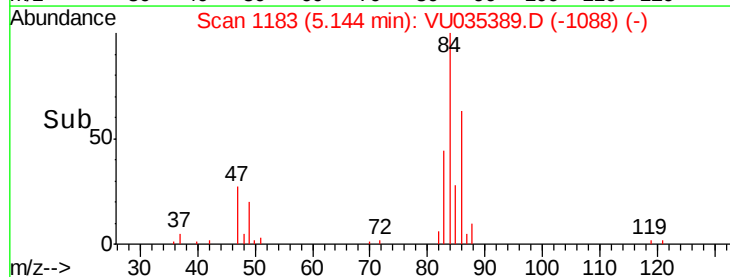
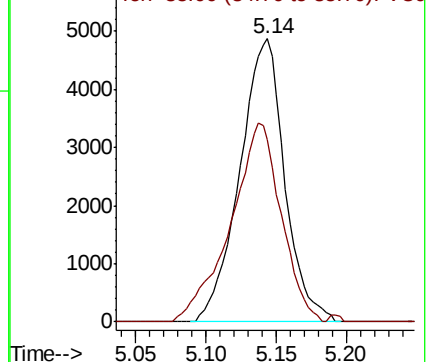
Ion Ratio Lower Upper

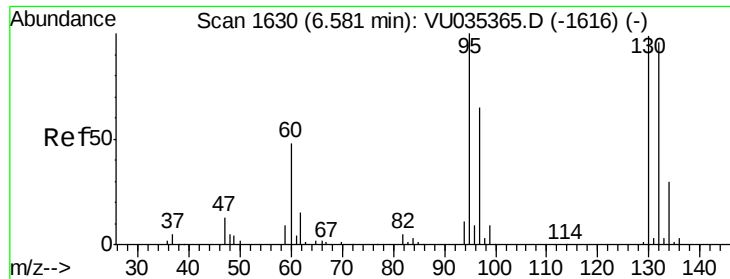
83 100

85 64.2 45.1 83.9



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

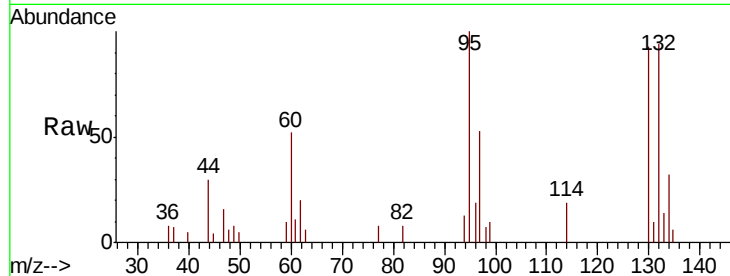




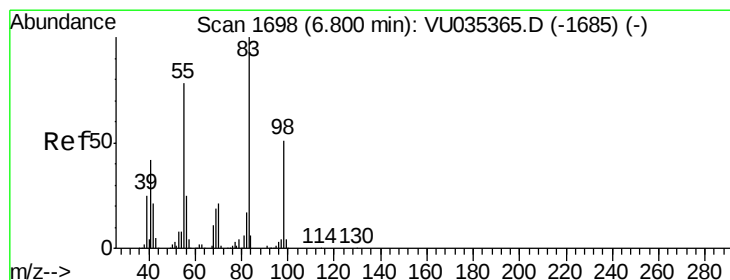
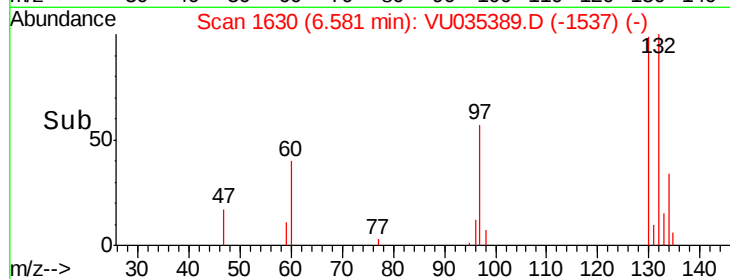
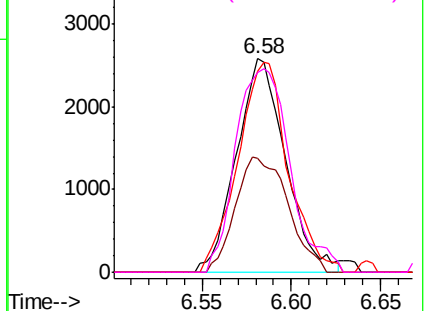
#34
 Trichloroethene
 Concen: 0.246 ug/L
 RT: 6.58 min Scan# 1630
 Delta R.T. -0.00 min
 Lab File: VU035389.D
 Acq: 23 Oct 2019 01:50

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 95 Resp: 4960
 Ion Ratio Lower Upper
 95 100
 97 53.3 46.6 86.6
 132 94.1 68.7 127.7
 130 93.4 73.9 137.3

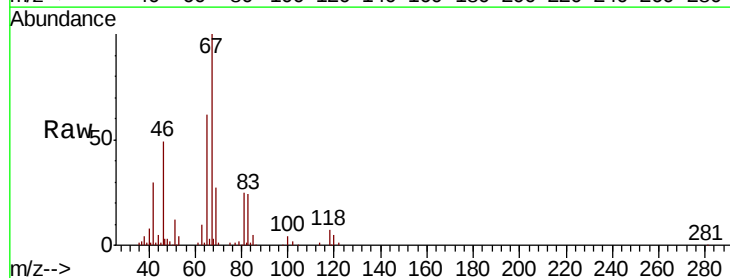


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 96.95 (96.65 to 97.65): VU0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V

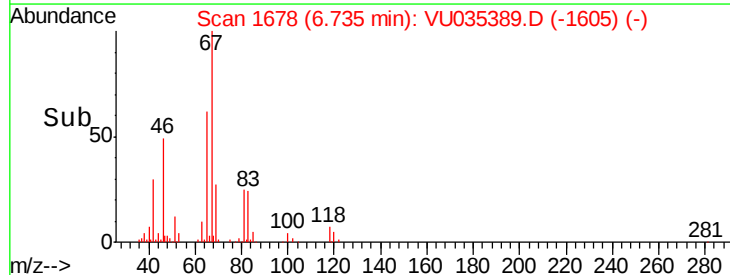
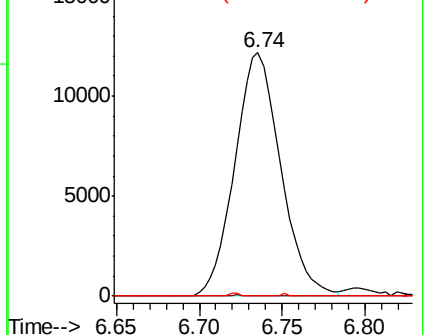


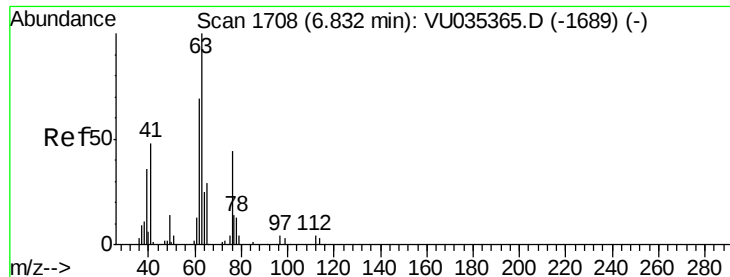
#35
 Methylcyclohexane
 Concen: 0.695 ug/L
 RT: 6.74 min Scan# 1678
 Delta R.T. -0.06 min
 Lab File: VU035389.D
 Acq: 23 Oct 2019 01:50

Tgt Ion: 83 Resp: 23424
 Ion Ratio Lower Upper
 83 100
 55 0.1 60.4 90.6#
 98 0.2 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: 0.588 ug/L

RT: 6.73 min Scan# 1677

Delta R.T. -0.10 min

Lab File: VU035389.D

Acq: 23 Oct 2019 01:50

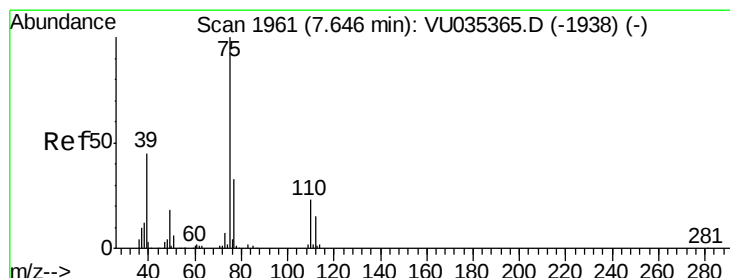
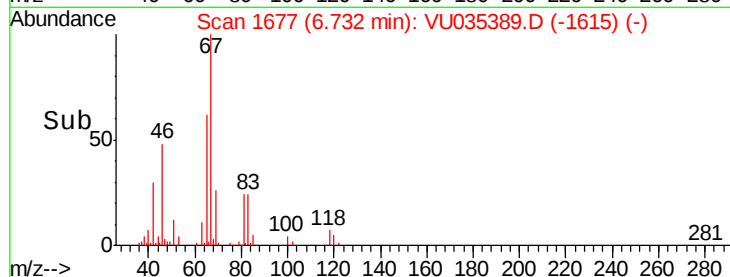
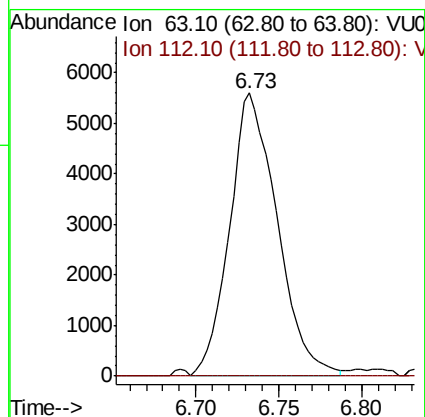
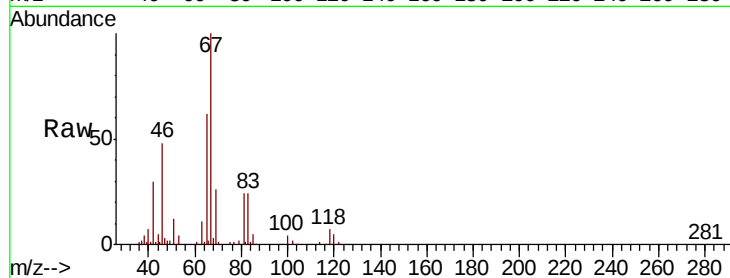
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 63 Resp: 11190

Ion Ratio Lower Upper

63 100

112 0.0 3.7 5.5#



#39

cis-1,3-Dichloropropene

Concen: 0.080 ug/L

RT: 7.61 min Scan# 1949

Delta R.T. -0.04 min

Lab File: VU035389.D

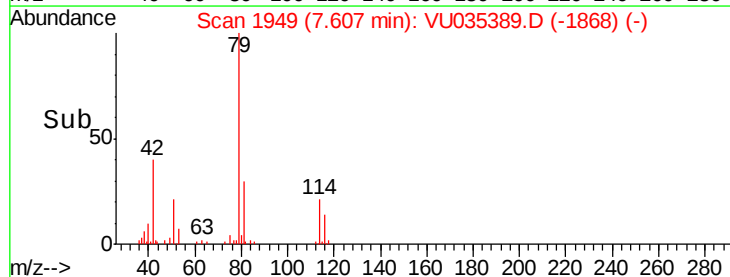
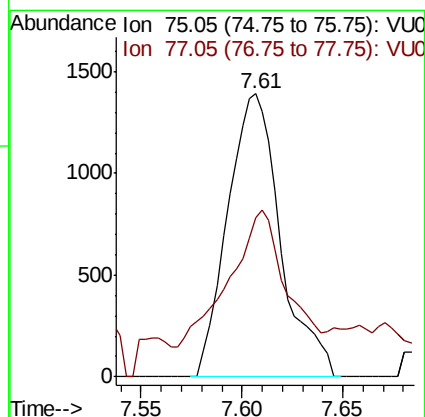
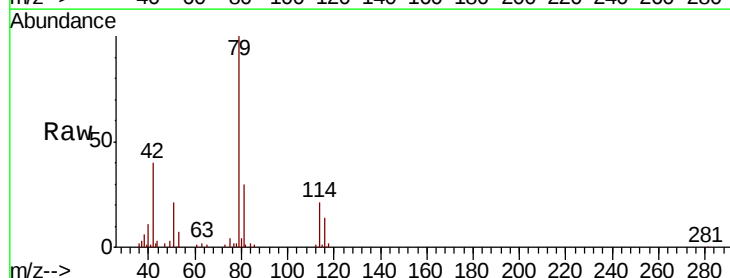
Acq: 23 Oct 2019 01:50

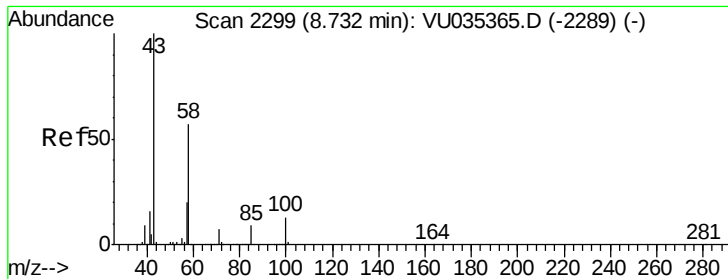
Tgt Ion: 75 Resp: 2538

Ion Ratio Lower Upper

75 100

77 56.1 22.7 42.1#

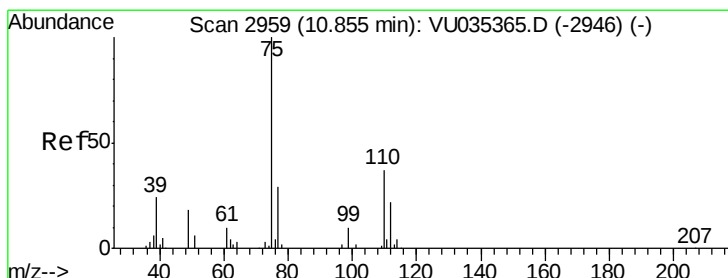
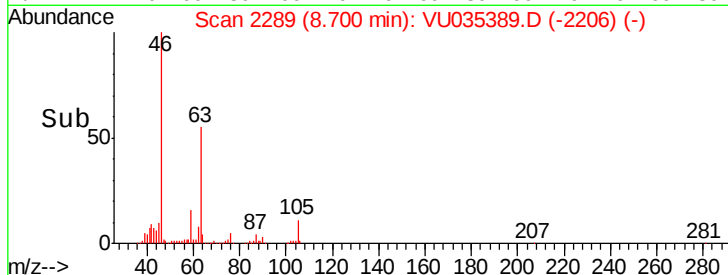
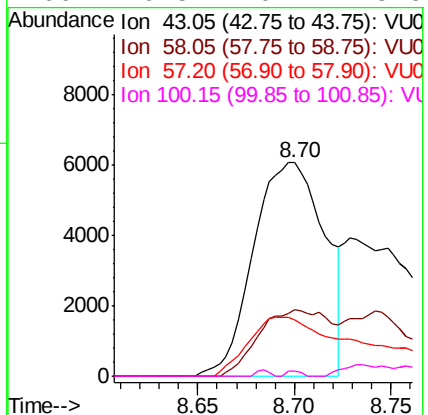
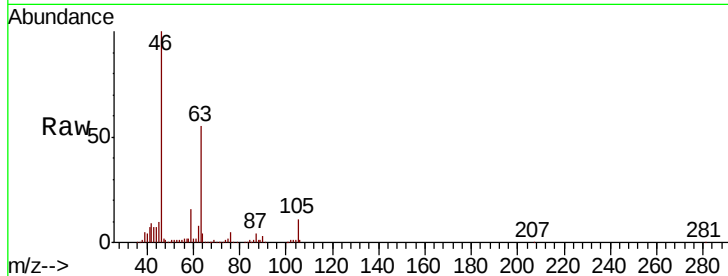




#48
 2-Hexanone
 Concen: 1.715 ug/L
 RT: 8.70 min Scan# 2289
 Delta R.T. -0.03 min
 Lab File: VU035389.D
 Acq: 23 Oct 2019 01:50

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 43 Resp: 15456
 Ion Ratio Lower Upper
 43 100
 58 31.4 45.1 67.7#
 57 0.0 16.0 24.0#
 100 0.5 10.4 15.6#



#59
 1,2,3-Trichloropropane
 Concen: 0.783 ug/L
 RT: 11.84 min Scan# 3267
 Delta R.T. 0.99 min
 Lab File: VU035389.D
 Acq: 23 Oct 2019 01:50

Tgt Ion: 75 Resp: 10380
 Ion Ratio Lower Upper
 75 100
 77 38.1 26.2 39.2

