

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U102219\
 Data File : VU035383.D
 Acq On : 22 Oct 2019 23:21
 Operator : JC/SP
 Sample : K5461-07
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0G06

Quant Time: Oct 23 09:06:01 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	227484	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	227478	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	74885	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	119115	8.59	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	171.80%#
7) Chloroethane-d5	1.93	69	99430	7.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	156.80%#
11) 1,1-Dichloroethene-d2	2.59	63	149370	5.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	116.40%
20) 2-Butanone-d5	4.71	46	244894	61.44	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	122.88%
24) Chloroform-d	5.11	84	159777	6.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	126.00%#
26) 1,2-Dichloroethane-d4	5.75	65	95925	6.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	136.60%#
32) Benzene-d6	5.77	84	355441	6.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	136.60%#
36) 1,2-Dichloropropane-d6	6.74	67	116069	7.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	140.60%#
41) Toluene-d8	7.93	98	303174	6.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	121.80%
43) trans-1,3-Dichloropropene-	8.22	79	38994	4.86	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.20%
46) 2-Hexanone-d5	8.69	63	173608	49.11	ug/L	0.01
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.22%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	92532	6.29	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	125.80%#
64) 1,2-Dichlorobenzene-d4	12.22	152	89671	6.57	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	131.40%#

Target Compounds

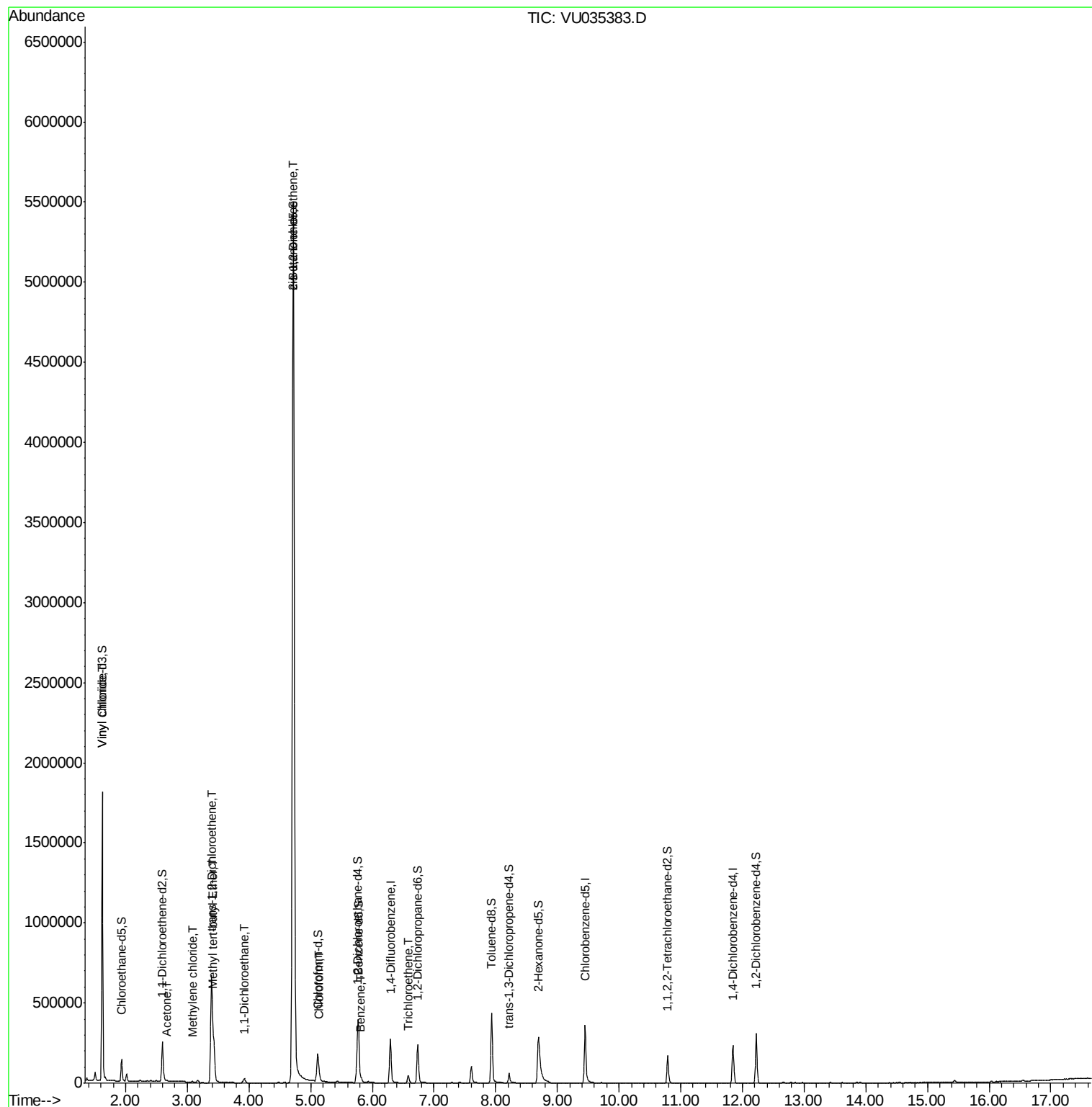
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.62	62	1082428	54.879	ug/L	99
13) Acetone	2.67	43	4026	1.452	ug/L	93
16) Methylene chloride	3.08	84	1734	0.099	ug/L	96
17) Methyl tert-butyl Ether	3.43	73	272823	6.936	ug/L	98
18) trans-1,2-Dichloroethene	3.39	96	280768	17.802	ug/L	95
19) 1,1-Dichloroethane	3.92	63	30597	1.073	ug/L	97
22) cis-1,2-Dichloroethene	4.72	96	2841173	162.980	ug/L	98
25) Chloroform	5.14	83	19359	0.619	ug/L	97
33) Benzene	5.82	78	23705	0.354	ug/L	100
34) Trichloroethene	6.58	95	15679	0.871	ug/L	98

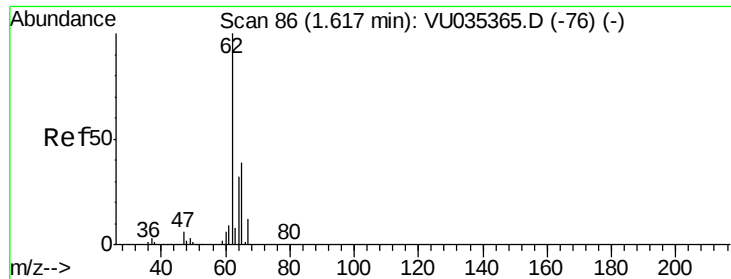
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 54.879 ug/L

RT: 1.62 min Scan# 88

Delta R.T. 0.01 min

Lab File: VU035383.D

Acq: 22 Oct 2019 23:21

Instrument :

MSVOA_U

ClientSampled :

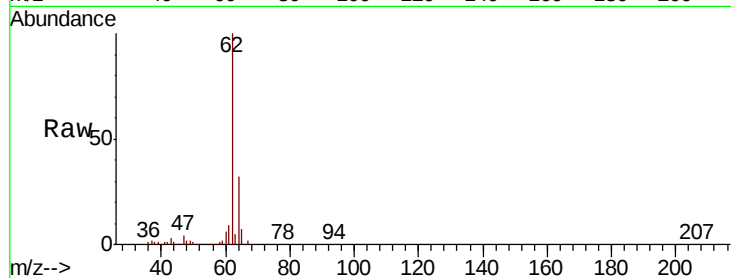
H0G06

Tot Ion: 62 Resp: 1082428

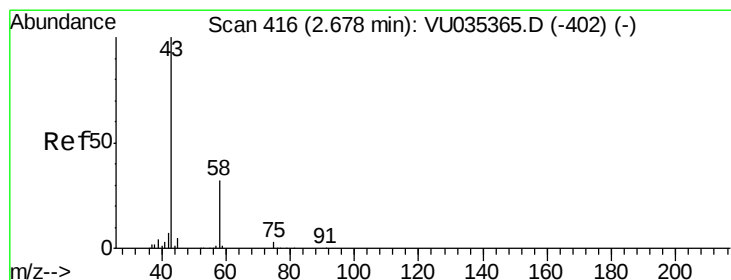
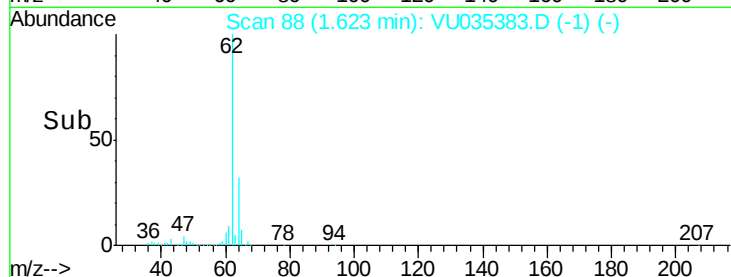
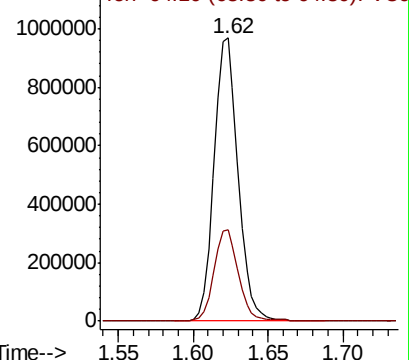
Ion Ratio Lower Upper

62 100

64 32.2 22.9 42.5



Abundance Ion 62.00 (61.70 to 62.70): VU035383.D (-1) (-)



#13

Acetone

Concen: 1.452 ug/L

RT: 2.67 min Scan# 414

Delta R.T. -0.01 min

Lab File: VU035383.D

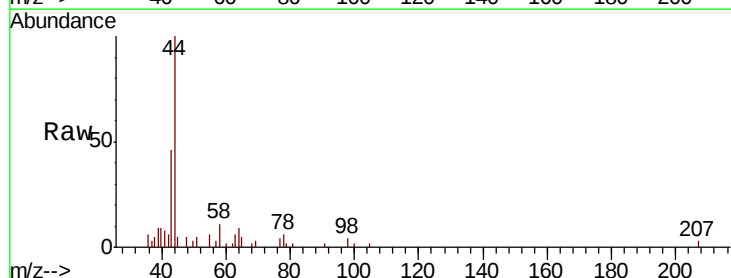
Acq: 22 Oct 2019 23:21

Tgt Ion: 43 Resp: 4026

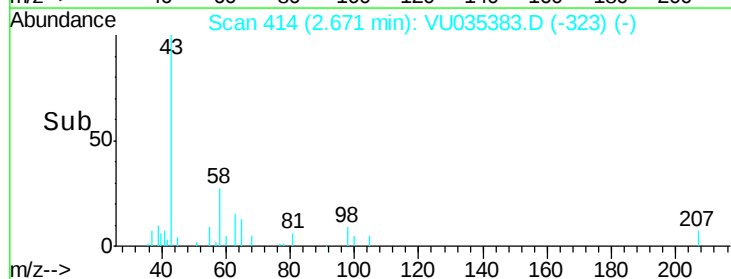
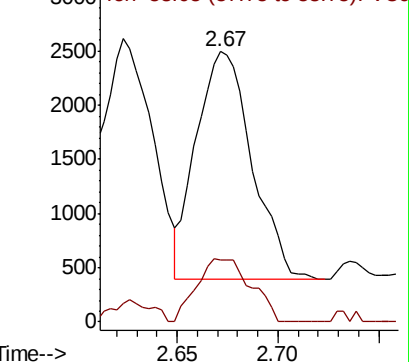
Ion Ratio Lower Upper

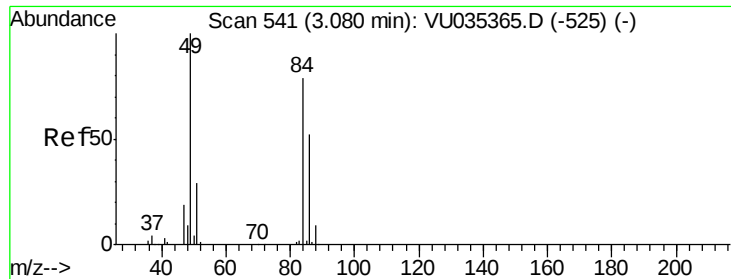
43 100

58 27.1 0.0 61.8



Abundance Ion 43.05 (42.75 to 43.75): VU035383.D (-323) (-)

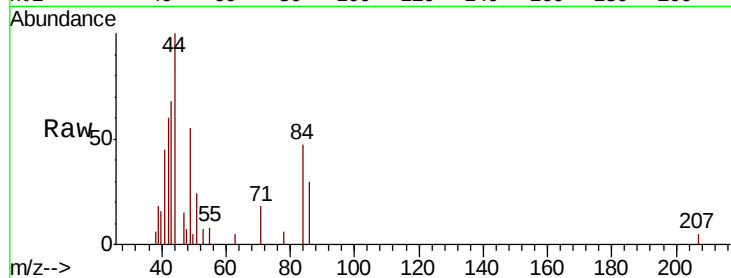




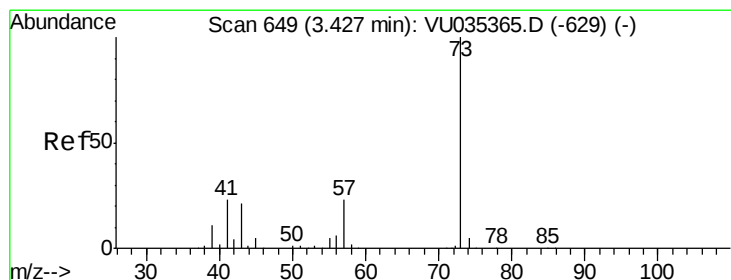
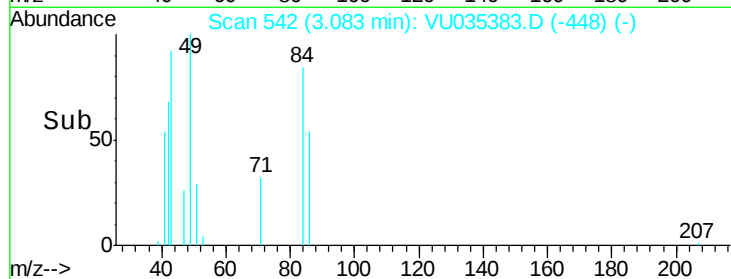
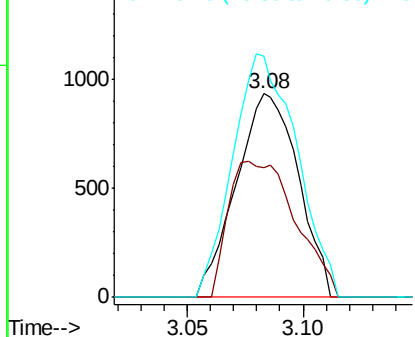
#16
Methvlene chloride
Concen: 0.099 ug/L
RT: 3.08 min Scan# 542
Delta R.T. 0.00 min
Lab File: VU035383.D
Acq: 22 Oct 2019 23:21

Instrument :
MSVOA_U
ClientSampled :
H0G06

Tot Ion: 84 Resp: 1734
Ion Ratio Lower Upper
84 100
86 63.8 45.4 84.2
49 118.3 86.8 161.2

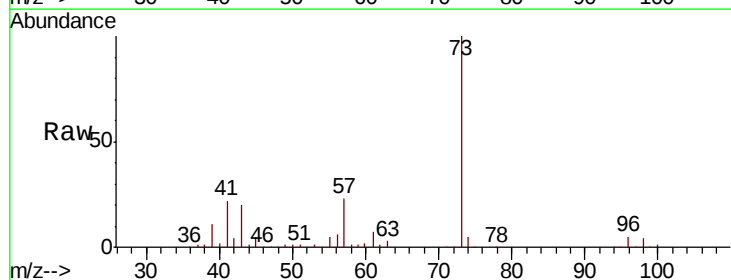


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

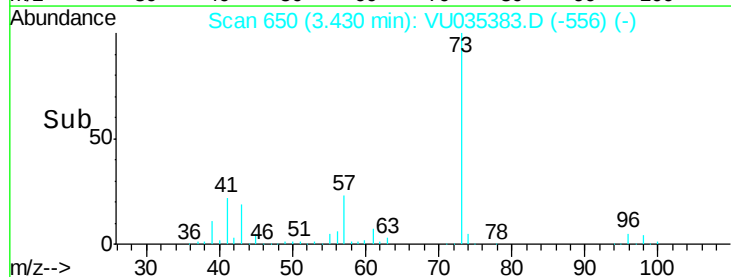
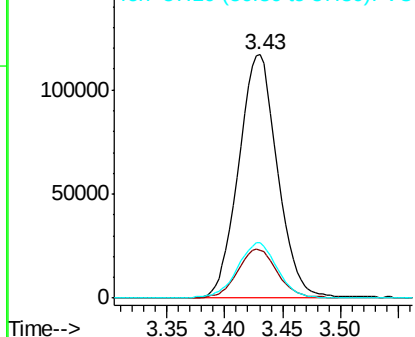


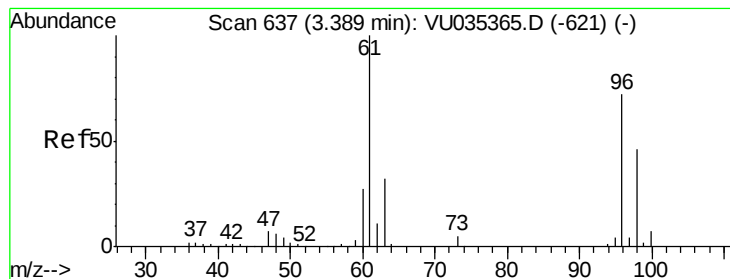
#17
Methyl tert-butyl Ether
Concen: 6.936 ug/L
RT: 3.43 min Scan# 650
Delta R.T. 0.00 min
Lab File: VU035383.D
Acq: 22 Oct 2019 23:21

Tgt Ion: 73 Resp: 272823
Ion Ratio Lower Upper
73 100
43 20.6 16.0 24.0
57 23.4 17.4 26.2



Abundance Ion 73.10 (72.80 to 73.80): VU0
Ion 43.05 (42.75 to 43.75): VU0
Ion 57.10 (56.80 to 57.80): VU0





#18

trans-1,2-Dichloroethene

Concen: 17.802 ug/L

RT: 3.39 min Scan# 639

Delta R.T. 0.01 min

Lab File: VU035383.D

Acq: 22 Oct 2019 23:21

Instrument :

MSVOA_U

ClientSampleId :

H0G06

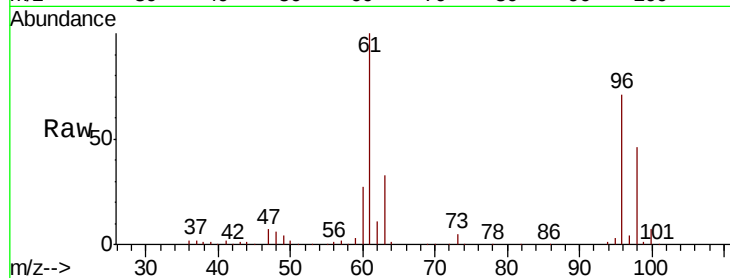
Tot Ion: 96 Resp: 280768

Ion Ratio Lower Upper

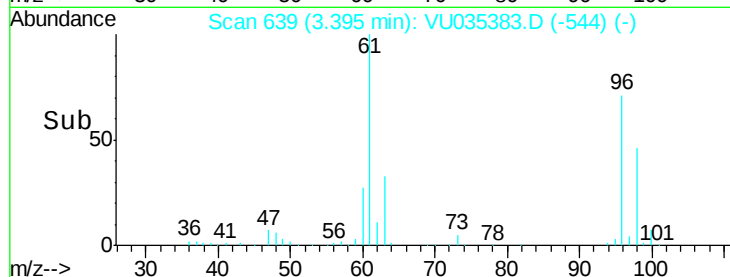
96 100

61 140.1 93.0 172.6

98 64.3 43.7 81.1



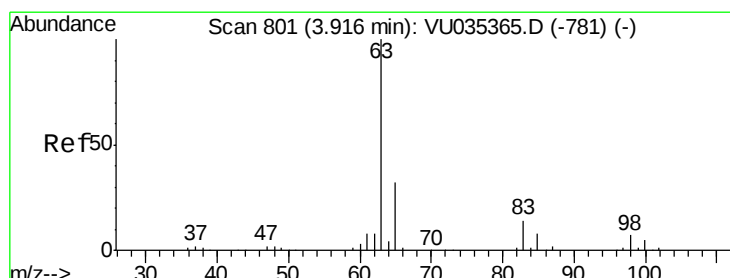
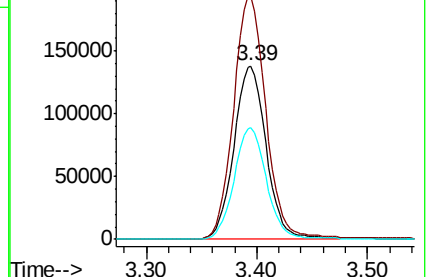
Abundance Ion 96.00 (95.70 to 96.70): VU035383.D (-544) (-)



Ion 61.05 (60.75 to 61.75): VU035383.D (-544) (-)

Ion 97.95 (97.65 to 98.65): VU035383.D (-544) (-)

Time-->



#19

1,1-Dichloroethane

Concen: 1.073 ug/L

RT: 3.92 min Scan# 803

Delta R.T. 0.01 min

Lab File: VU035383.D

Acq: 22 Oct 2019 23:21

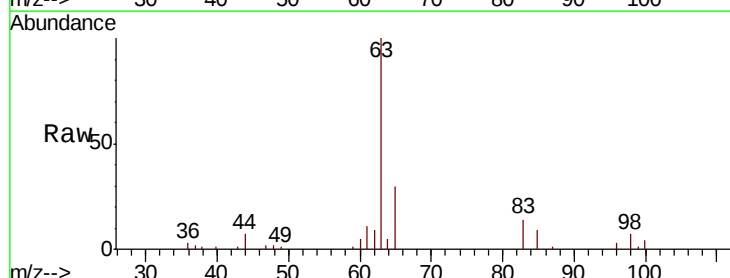
Tgt Ion: 63 Resp: 30597

Ion Ratio Lower Upper

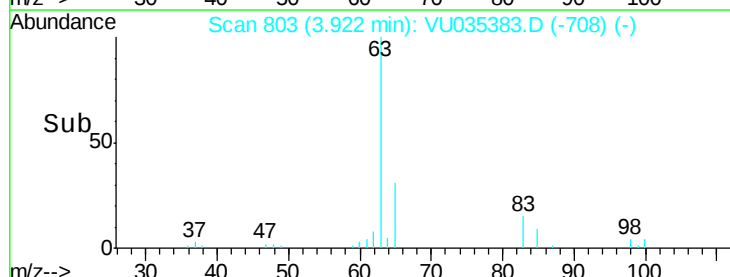
63 100

65 30.4 22.4 41.6

83 14.4 9.3 17.3



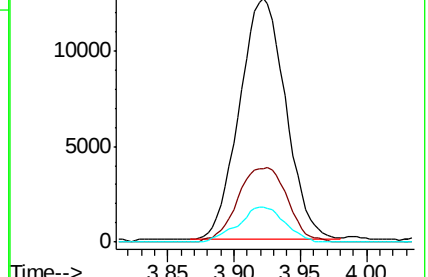
Abundance Ion 63.10 (62.80 to 63.80): VU035383.D (-708) (-)

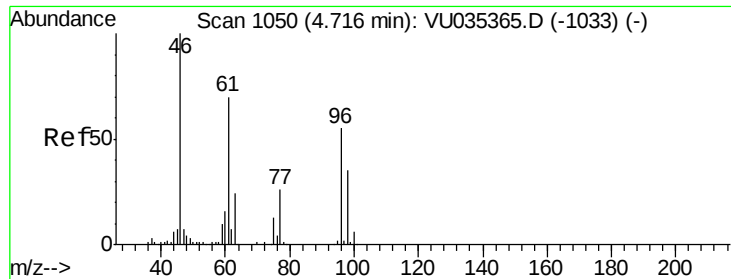


Ion 65.10 (64.80 to 65.80): VU035383.D (-708) (-)

Ion 83.05 (82.75 to 83.75): VU035383.D (-708) (-)

Time-->

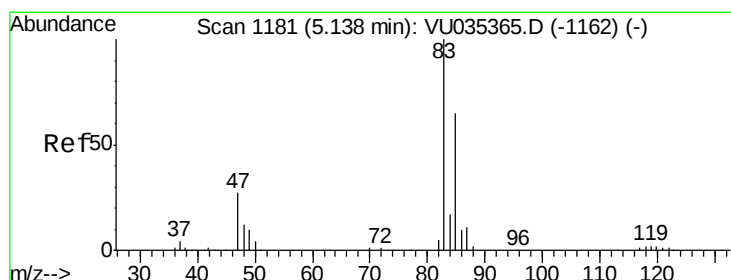
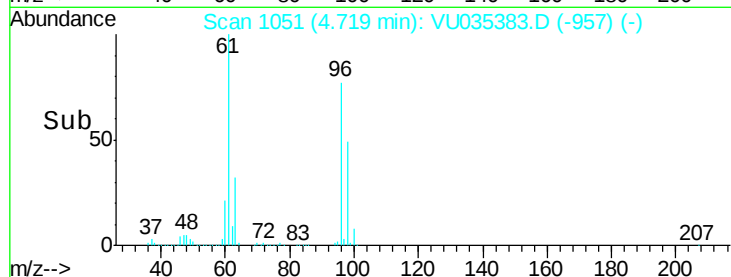
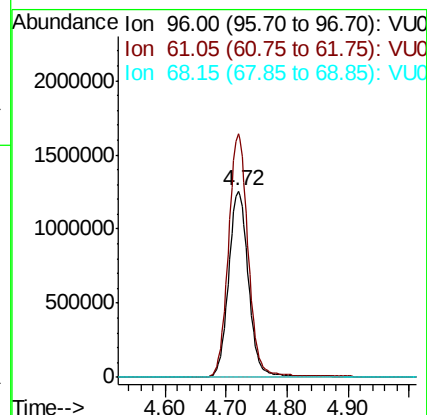
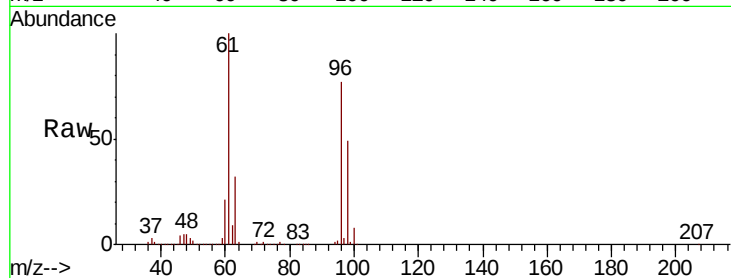




#22
 cis-1,2-Dichloroethene
 Concen: 162.980 ug/L
 RT: 4.72 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VU035383.D
 Acq: 22 Oct 2019 23:21

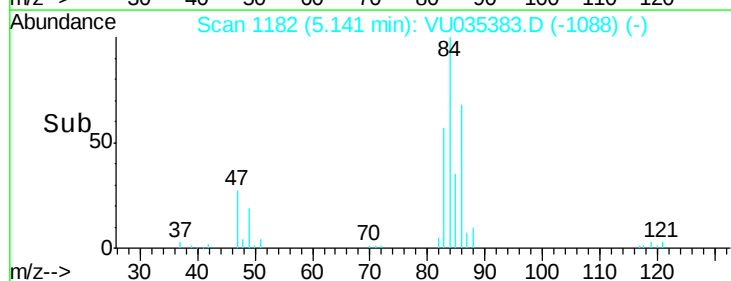
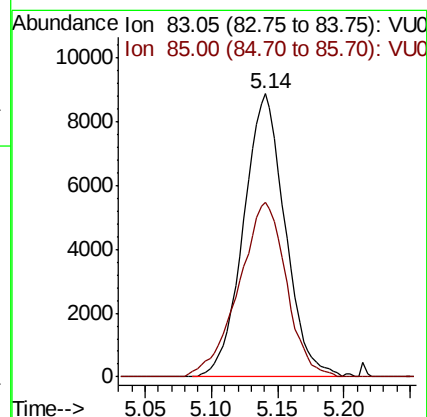
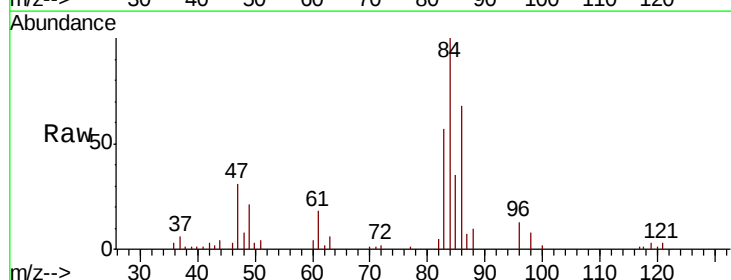
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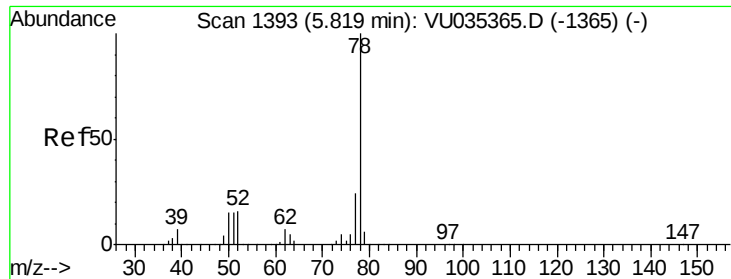
Tot Ion: 96 Resp: 2841173
 Ion Ratio Lower Upper
 96 100
 61 130.7 89.7 166.5
 68 0.0 0.0 0.0



#25
 Chloroform
 Concen: 0.619 ug/L
 RT: 5.14 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: VU035383.D
 Acq: 22 Oct 2019 23:21

Tgt Ion: 83 Resp: 19359
 Ion Ratio Lower Upper
 83 100
 85 61.8 45.1 83.9





#33

Benzene

Concen: 0.354 ug/L

RT: 5.82 min Scan# 1394

Delta R.T. 0.00 min

Lab File: VU035383.D

Acq: 22 Oct 2019 23:21

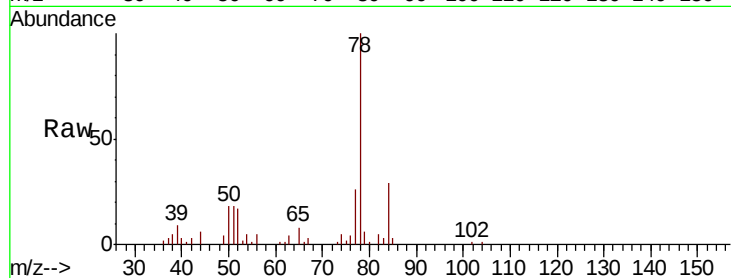
Instrument :

MSVOA_U

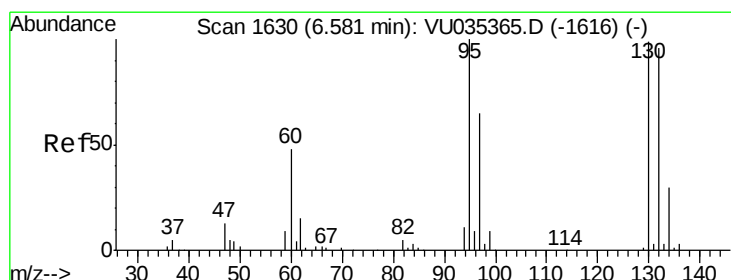
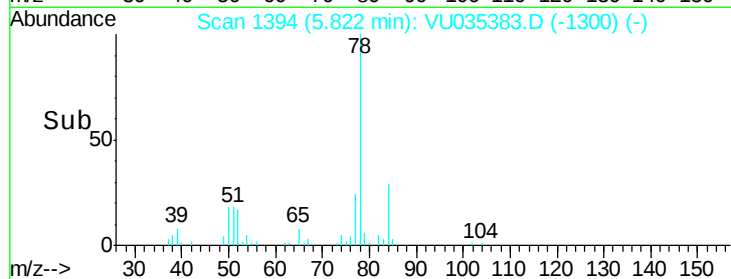
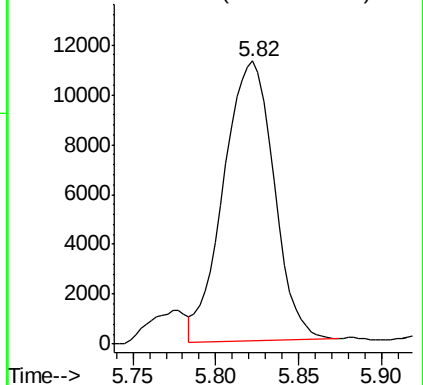
ClientSampleId :

H0G06

Tgt Ion: 78 Resp: 23705



Abundance Ion 78.10 (77.80 to 78.80): VU0



#34

Trichloroethene

Concen: 0.871 ug/L

RT: 6.58 min Scan# 1630

Delta R.T. -0.00 min

Lab File: VU035383.D

Acq: 22 Oct 2019 23:21

Tgt Ion: 95 Resp: 15679

Ion	Ratio	Lower	Upper
95	100		
97	65.5	46.6	86.6
132	99.5	68.7	127.7
130	101.7	73.9	137.3

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): VU0

Ion 129.95 (129.65 to 130.65): VU0

Abundance Ion 95.00 (94.70 to 95.70): VU0

