

Data File : VU035459.D
Acq On : 24 Oct 2019 14:56
Operator : JC/SP
Sample : K5509-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H0G07

Quant Time: Oct 25 07:07:49 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 25 07:04:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	202845	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	200269	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	57085	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	45778	3.70	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.00%
7) Chloroethane-d5	1.94	69	50989	4.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.20%
11) 1,1-Dichloroethene-d2	2.60	63	67707	2.96	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.20%#
20) 2-Butanone-d5	4.70	46	211136	59.40	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.80%
24) Chloroform-d	5.12	84	112600	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.60%
26) 1,2-Dichloroethane-d4	5.75	65	67516	5.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.80%
32) Benzene-d6	5.77	84	199058	4.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.00%
36) 1,2-Dichloropropane-d6	6.74	67	77023	5.30	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.00%
41) Toluene-d8	7.93	98	152010	3.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	69.40%#
43) trans-1,3-Dichloropropene-	8.22	79	25636	3.63	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.60%
46) 2-Hexanone-d5	8.70	63	141546	45.48	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.96%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	71829	5.54	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.80%
64) 1,2-Dichlorobenzene-d4	12.22	152	48322	4.65	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.00%

Target Compounds

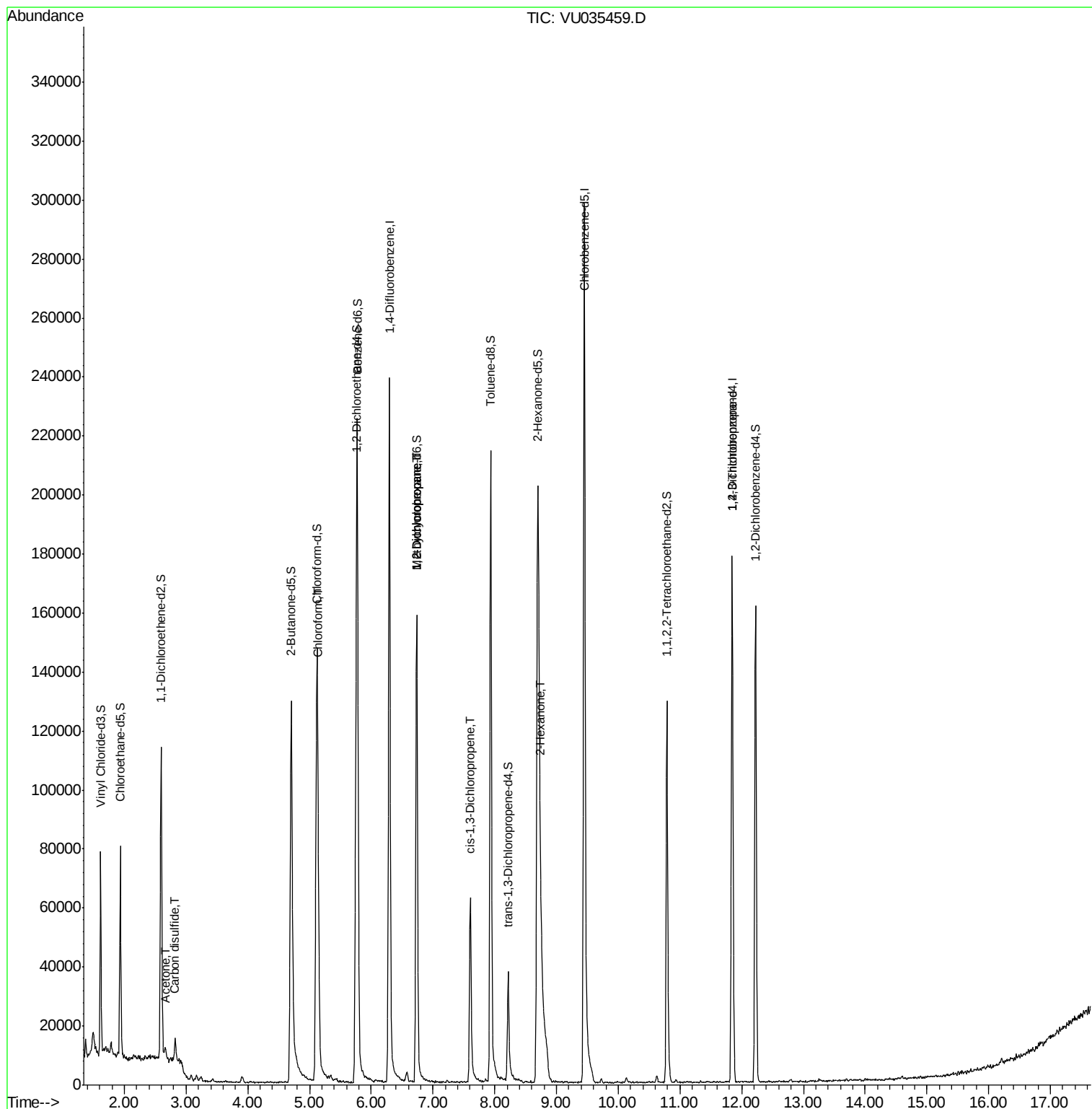
						Qvalue
13) Acetone	2.67	43	3731	1.509	ug/L	98
14) Carbon disulfide	2.82	76	8658	0.210	ug/L #	87
25) Chloroform	5.14	83	6419	0.230	ug/L	90
35) Methylcyclohexane	6.74	83	17078	0.645	ug/L #	19
37) 1,2-Dichloropropane	6.74	63	8044	0.538	ug/L #	88
39) cis-1,3-Dichloropropene	7.61	75	2172	0.087	ug/L #	69
48) 2-Hexanone	8.74	43	13429	1.896	ug/L #	83
59) 1,2,3-Trichloropropane	11.84	75	6931	0.665	ug/L #	88

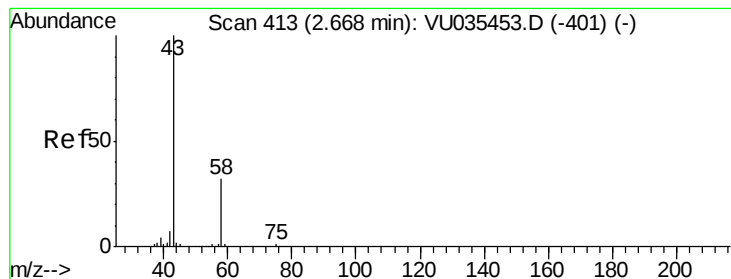
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.509 ug/L

RT: 2.67 min Scan# 415

Delta R.T. 0.01 min

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Acq: 24 Oct 2019 14:56

Instrument :

MSVOA_U

ClientSampleId :

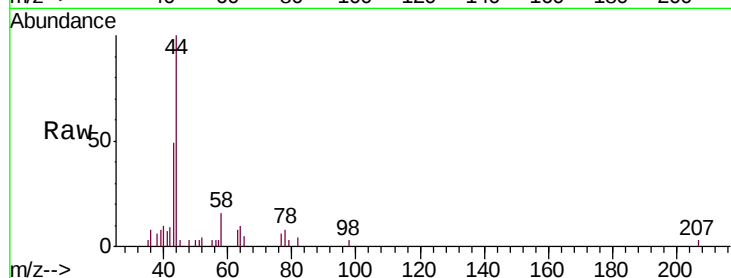
H0G07

Tgt Ion: 43 Resp: 3731

Ion Ratio Lower Upper

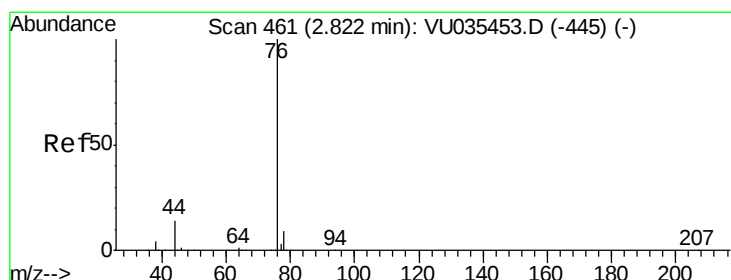
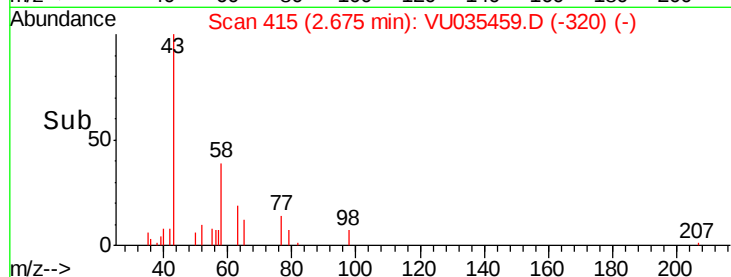
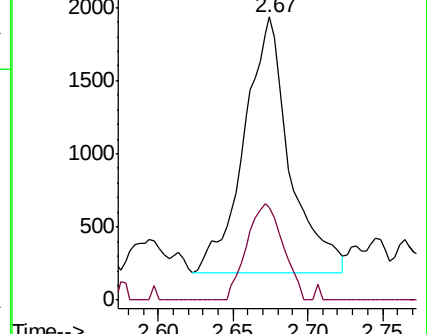
43 100

58 29.8 0.0 61.8



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0



#14

Carbon disulfide

Concen: 0.210 ug/L

RT: 2.82 min Scan# 461

Delta R.T. 0.00 min

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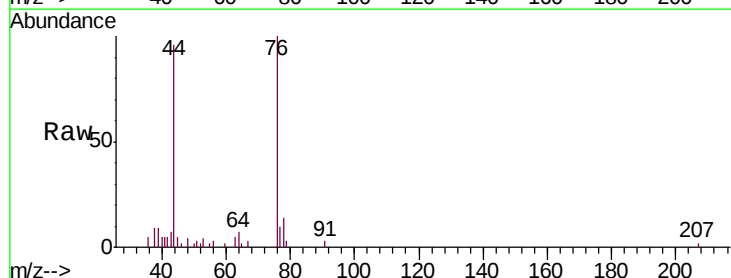
Acq: 24 Oct 2019 14:56

Tgt Ion: 76 Resp: 8658

Ion Ratio Lower Upper

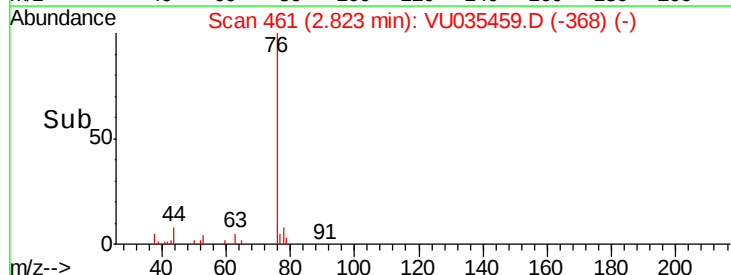
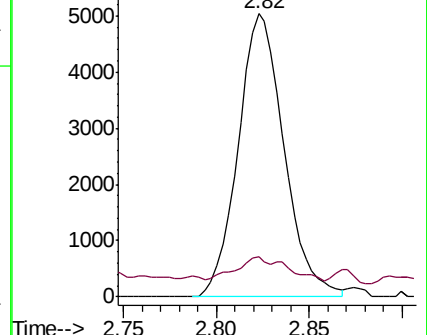
76 100

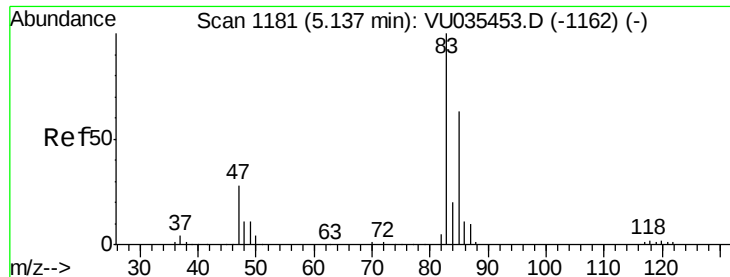
78 14.1 7.6 11.4#



Abundance Ion 76.05 (75.75 to 76.75): VU0

Ion 78.00 (77.70 to 78.70): VU0

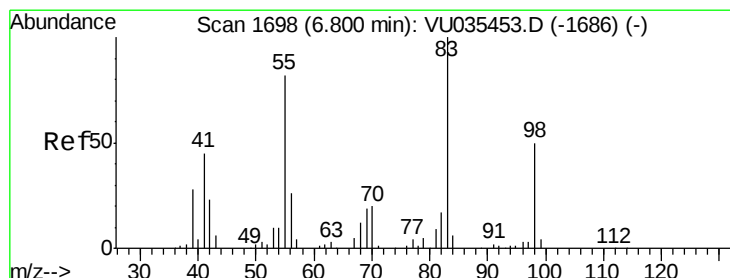
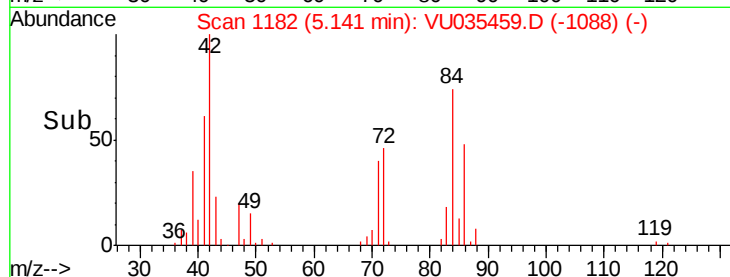
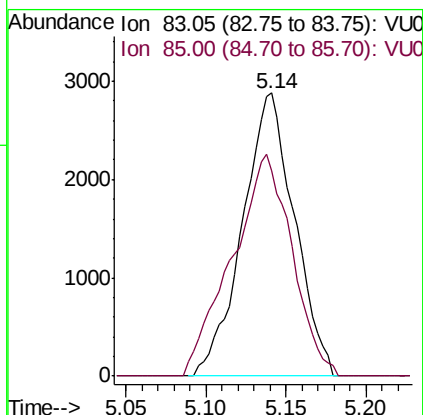
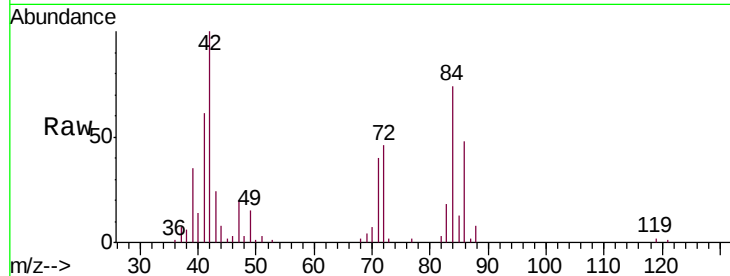




#25
Chloroform
Concen: 0.230 ug/L
RT: 5.14 min Scan# 1182
Delta R.T. 0.00 min
Lab File: VU035459.D
Acq: 24 Oct 2019 14:56

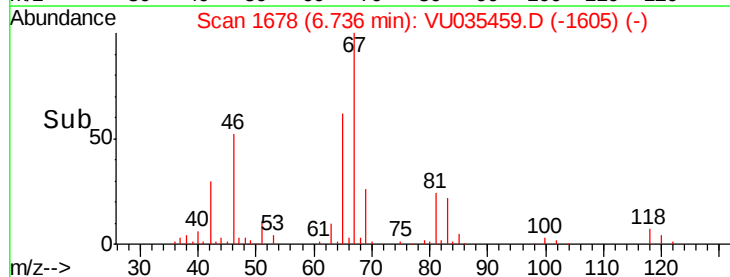
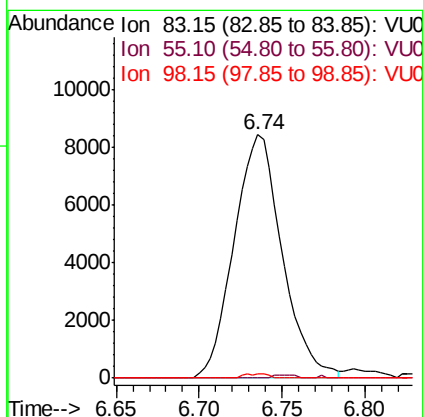
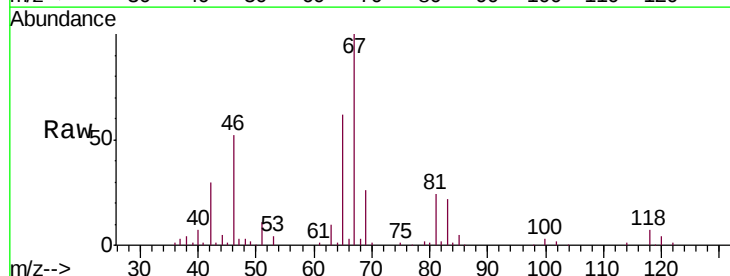
Instrument :
MSVOA_U
ClientSampleId :
H0G07

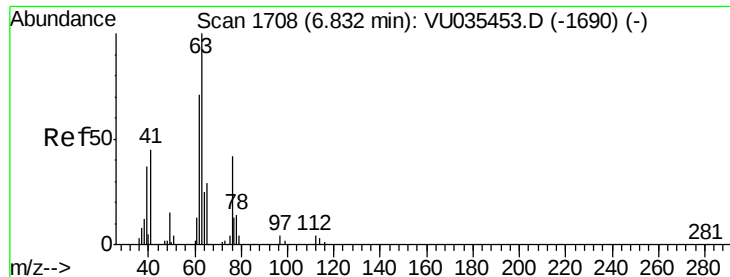
Tgt Ion: 83 Resp: 6419
Ion Ratio Lower Upper
83 100
85 72.3 45.1 83.9



#35
Methylcyclohexane
Concen: 0.645 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.06 min
Lab File: VU035459.D
Acq: 24 Oct 2019 14:56

Tgt Ion: 83 Resp: 17078
Ion Ratio Lower Upper
83 100
55 0.6 60.4 90.6#
98 0.8 39.5 59.3#





#37

1,2-Dichloropropane

Concen: 0.538 ug/L

RT: 6.74 min Scan# 1678

Delta R.T. -0.10 min

Lab File: VU035459.D

Acq: 24 Oct 2019 14:56

Instrument :

MSVOA_U

ClientSampleId :

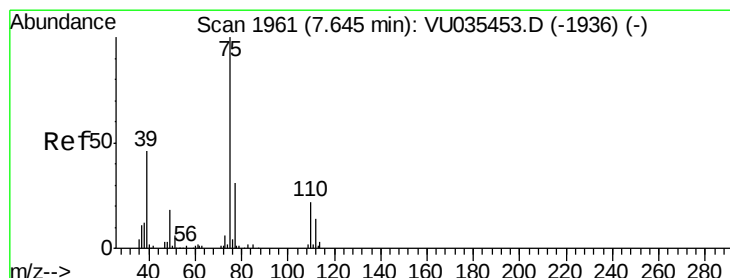
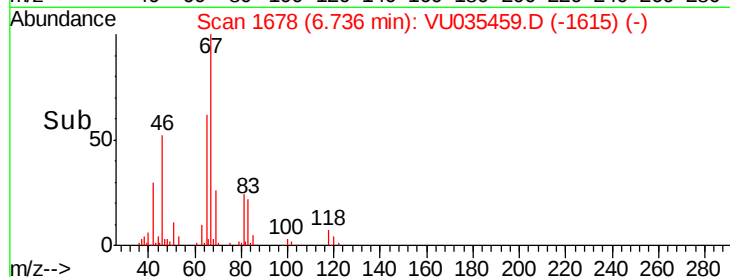
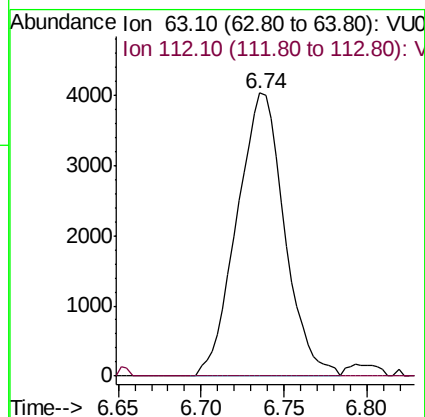
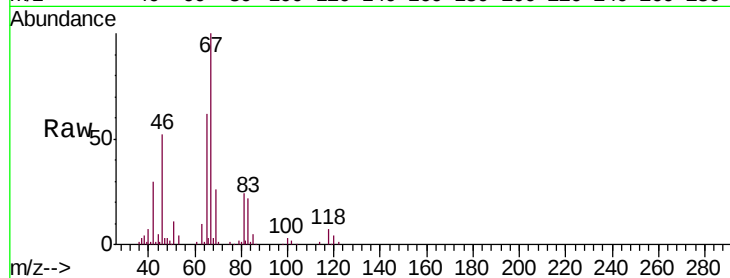
H0G07

Tgt Ion: 63 Resp: 8044

Ion Ratio Lower Upper

63 100

112 0.6 3.7 5.5#



#39

cis-1,3-Dichloropropene

Concen: 0.087 ug/L

RT: 7.61 min Scan# 1949

Delta R.T. -0.04 min

Lab File: VU035459.D

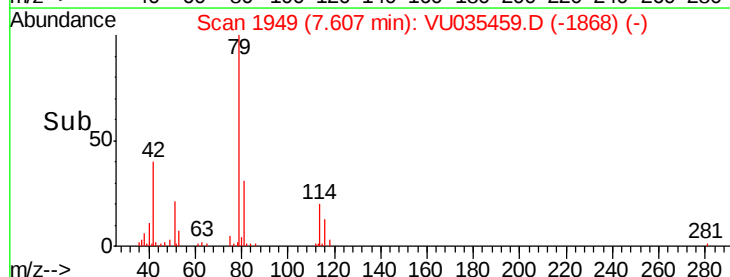
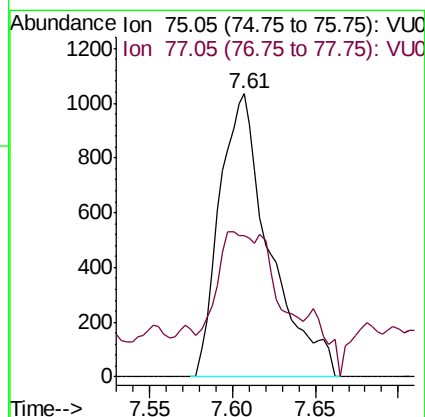
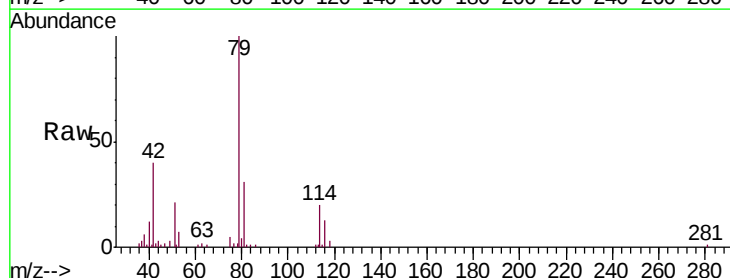
Acq: 24 Oct 2019 14:56

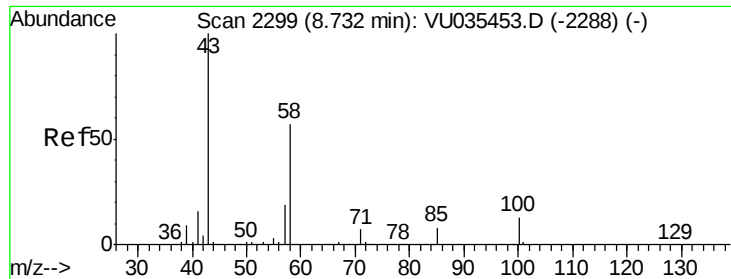
Tgt Ion: 75 Resp: 2172

Ion Ratio Lower Upper

75 100

77 50.0 22.7 42.1#

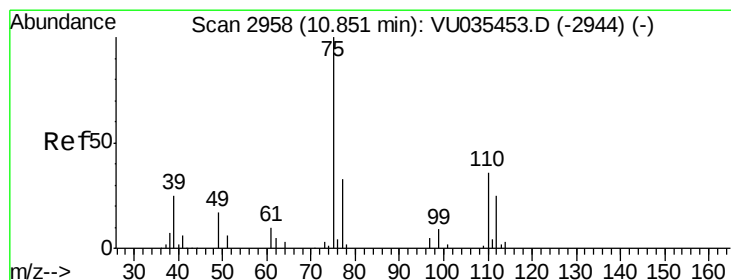
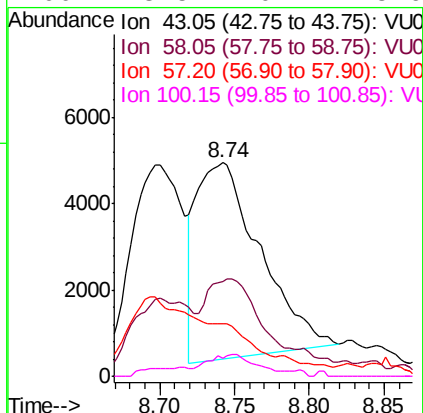
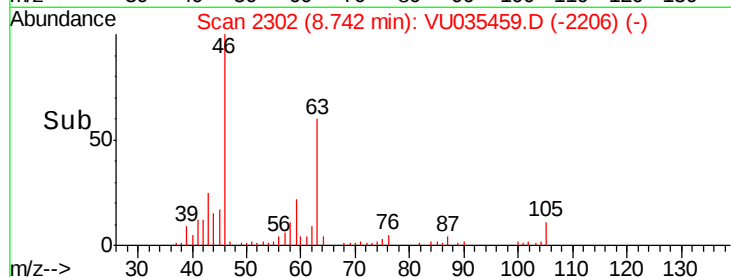
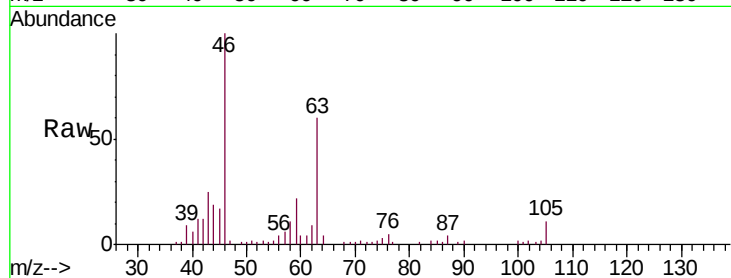




#48
 2-Hexanone
 Concen: 1.896 ug/L
 RT: 8.74 min Scan# 2302
 Delta R.T. 0.01 min
 Lab File: VU035459.D
 Acq: 24 Oct 2019 14:56

Instrument :
 MSVOA_U
 ClientSampleId :
 H0G07

Tgt Ion: 43 Resp: 13429
 Ion Ratio Lower Upper
 43 100
 58 50.2 45.1 67.7
 57 0.0 16.0 24.0#
 100 8.5 10.4 15.6#



#59
 1,2,3-Trichloropropane
 Concen: 0.665 ug/L
 RT: 11.84 min Scan# 3267
 Delta R.T. 0.99 min
 Lab File: VU035459.D
 Acq: 24 Oct 2019 14:56

Tgt Ion: 75 Resp: 6931
 Ion Ratio Lower Upper
 75 100
 77 39.3 26.2 39.2#

