

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U101519\
 Data File : VU035189.D
 Acq On : 15 Oct 2019 13:58
 Operator : JC/SP
 Sample : K5317-13
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 15 15:17:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Oct 15 15:10:16 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.87	114	157857	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	163156	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	59375	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	42786	4.59	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.80%
7) Chloroethane-d5	1.67	69	42631	4.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.80%
11) 1,1-Dichloroethene-d2	2.26	63	63805	3.24	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.80%
20) 2-Butanone-d5	4.18	46	148798	54.15	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.30%
24) Chloroform-d	4.63	84	92255	5.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.80%
26) 1,2-Dichloroethane-d4	5.29	65	52577	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.60%
32) Benzene-d6	5.32	84	172832	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.40%
36) 1,2-Dichloropropane-d6	6.31	67	64787	5.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.40%
41) Toluene-d8	7.55	98	140138	3.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.80%
43) trans-1,3-Dichloropropene-	7.84	79	19707	4.28	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.60%
46) 2-Hexanone-d5	8.30	63	100979	46.13	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.26%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	56035	5.20	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.00%
64) 1,2-Dichlorobenzene-d4	11.84	152	49300	4.92	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.40%

Target Compounds

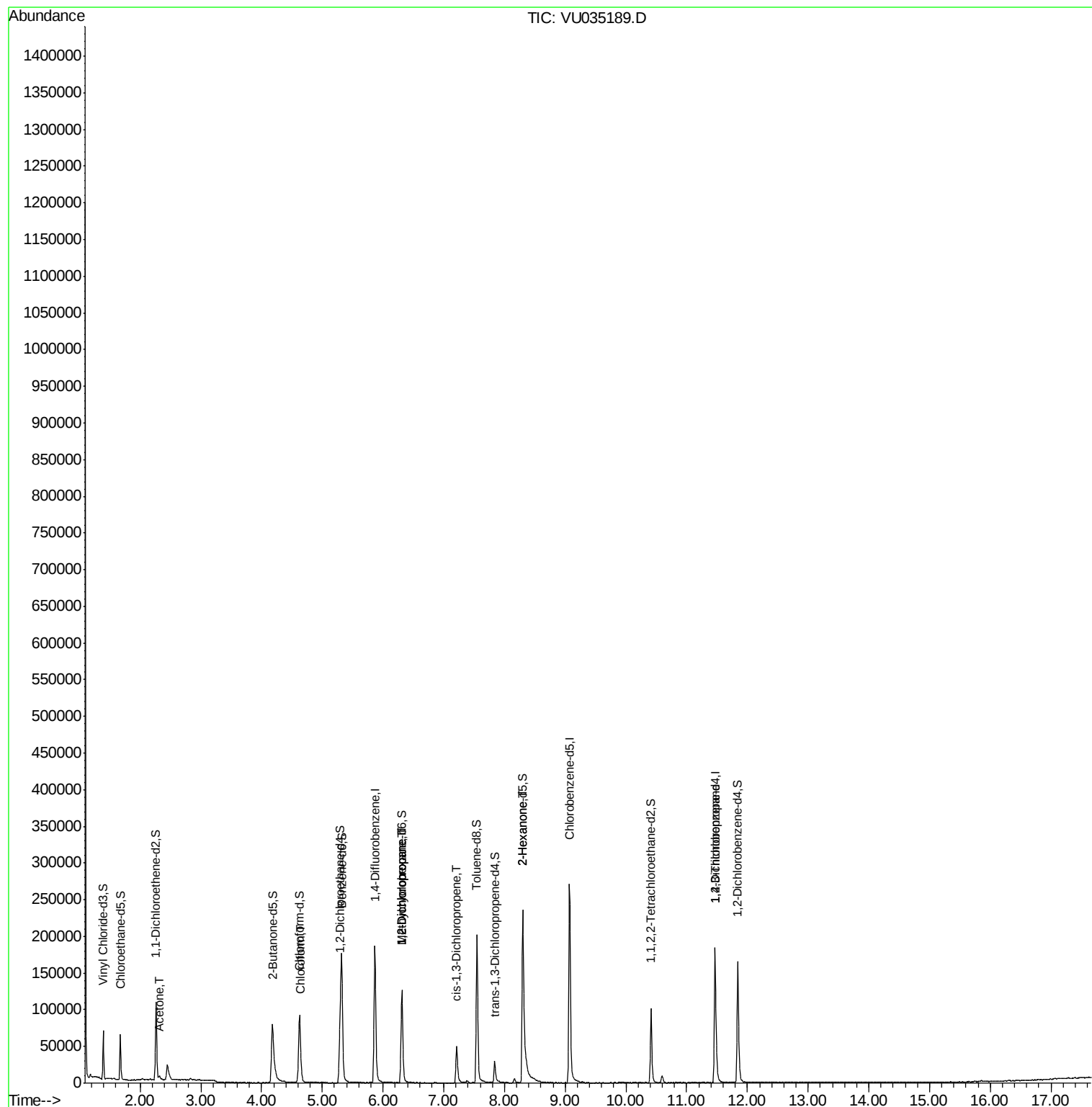
					Ovalue
13) Acetone	2.32	43	7140	3.172	ug/L 86
25) Chloroform	4.65	83	4922	0.203	ug/L 89
35) Methylcyclohexane	6.31	83	14003	0.682	ug/L # 18
37) 1,2-Dichloropropane	6.31	63	7015	0.529	ug/L # 89
39) cis-1,3-Dichloropropene	7.21	75	1458	0.081	ug/L # 54
48) 2-Hexanone	8.30	43	11329	1.980	ug/L # 65
59) 1,2,3-Trichloropropane	11.47	75	8045	0.938	ug/L 97

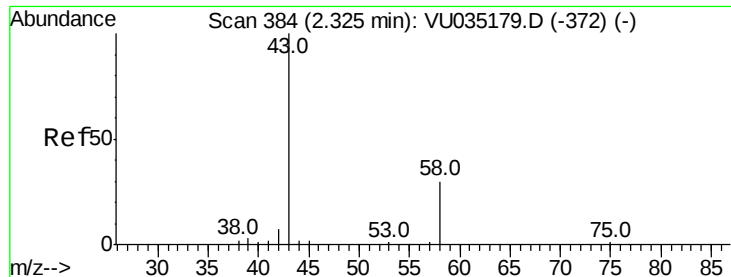
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Oct 15 15:10:16 2019
Response via : Initial Calibration





#13

Acetone

Concen: 3.172 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.01 min

Lab File: VU035189.D

Acq: 15 Oct 2019 13:58

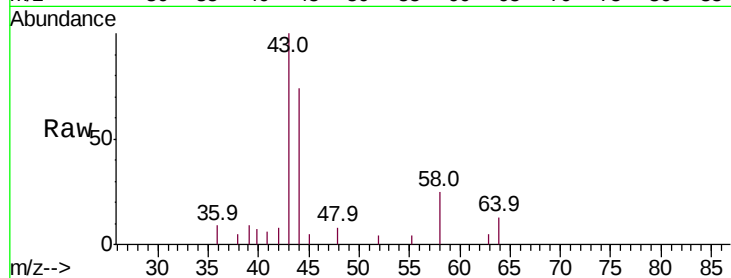
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 7140

Ion Ratio Lower Upper

43 100

58 25.2 0.0 66.6



Abundance Ion 43.05 (42.75 to 43.75): VU035189.D (-372) (-)

Ion 58.05 (57.75 to 58.75): VU035189.D (-372) (-)

2.32

4000

3000

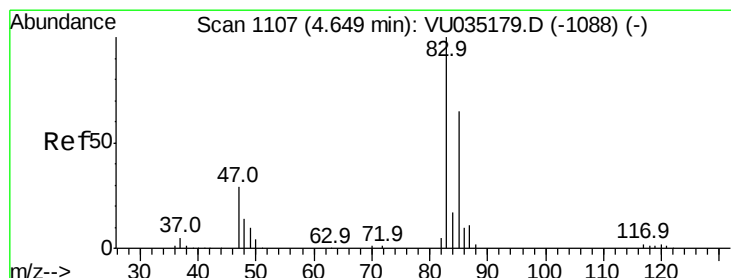
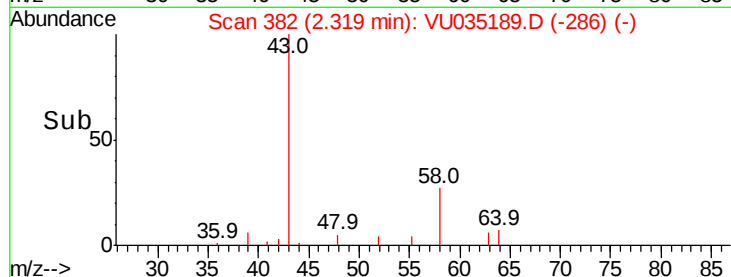
2000

1000

0

Time-->

2.25 2.30 2.35 2.40



#25

Chloroform

Concen: 0.203 ug/L

RT: 4.65 min Scan# 1107

Delta R.T. 0.00 min

Lab File: VU035189.D

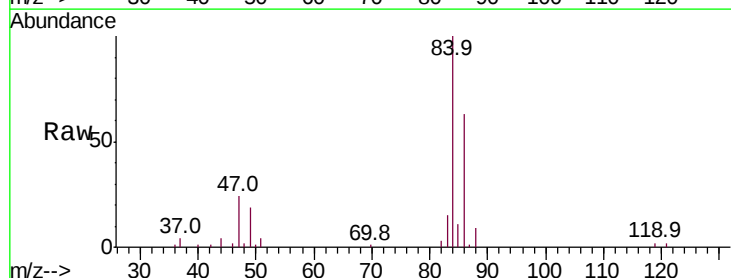
Acq: 15 Oct 2019 13:58

Tgt Ion: 83 Resp: 4922

Ion Ratio Lower Upper

83 100

85 73.5 45.4 84.4



Abundance Ion 83.05 (82.75 to 83.75): VU035189.D (-1088) (-)

Ion 85.00 (84.70 to 85.70): VU035189.D (-1088) (-)

4.65

2000

1500

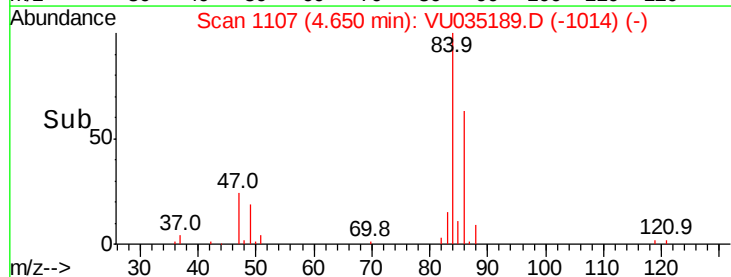
1000

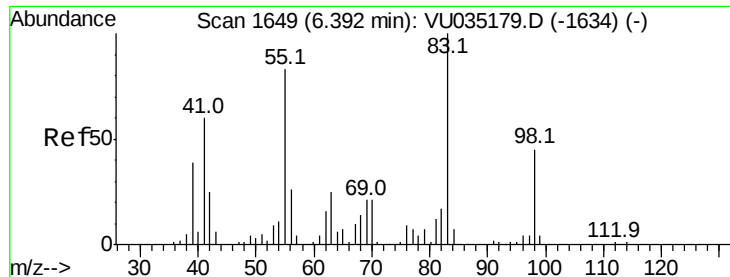
500

0

Time-->

4.60 4.65 4.70





#35

Methylcyclohexane

Concen: 0.682 ug/L

RT: 6.31 min Scan# 1624

Delta R.T. -0.08 min

Lab File: VU035189.D

Acq: 15 Oct 2019 13:58

Instrument :
MSVOA_U
ClientSampleId :

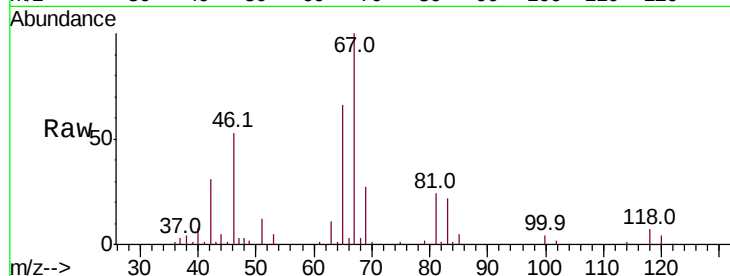
Tot Ion: 83 Resp: 14003

Ion Ratio Lower Upper

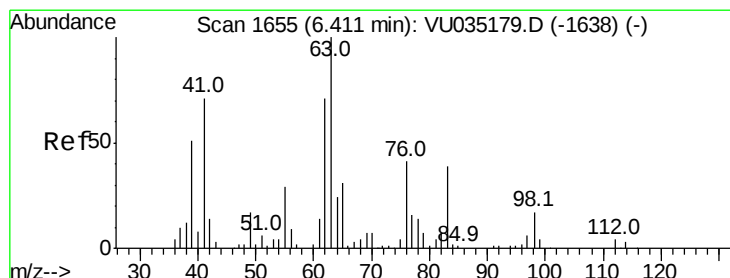
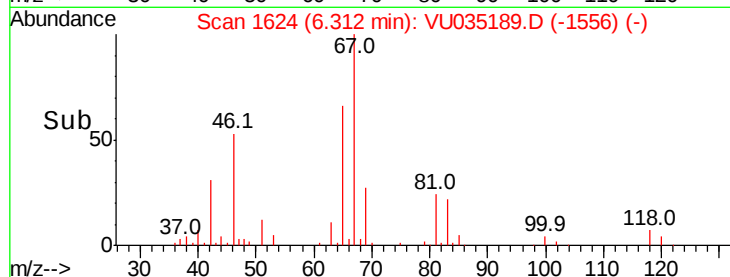
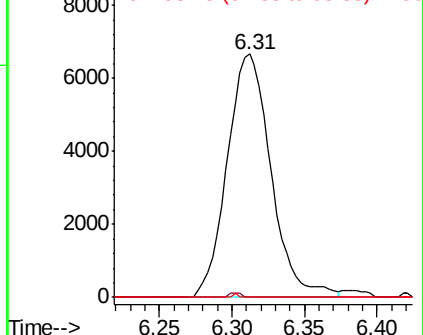
83 100

55 0.5 62.6 94.0#

98 0.1 36.2 54.2#



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: 0.529 ug/L

RT: 6.31 min Scan# 1623

Delta R.T. -0.10 min

Lab File: VU035189.D

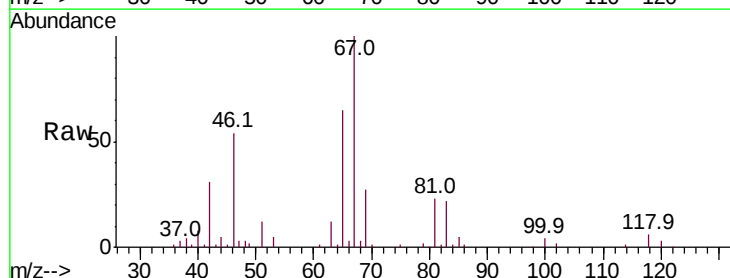
Acq: 15 Oct 2019 13:58

Tgt Ion: 63 Resp: 7015

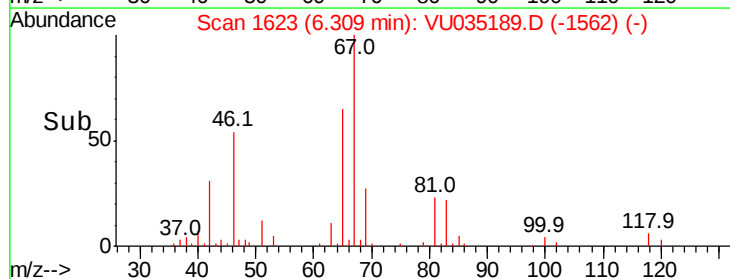
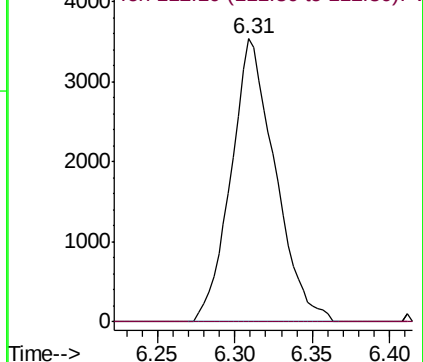
Ion Ratio Lower Upper

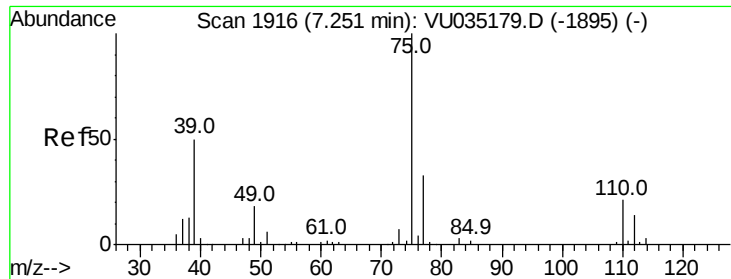
63 100

112 0.3 3.1 4.7#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V



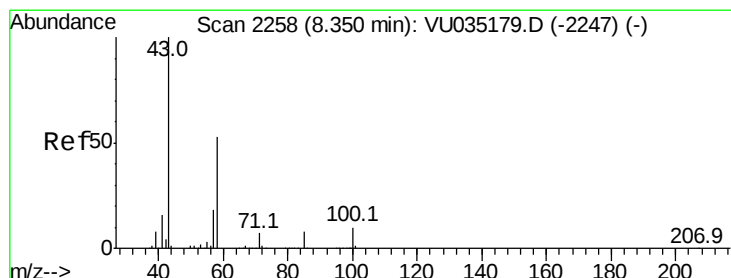
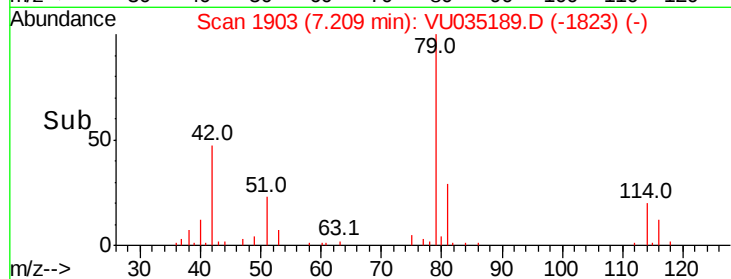
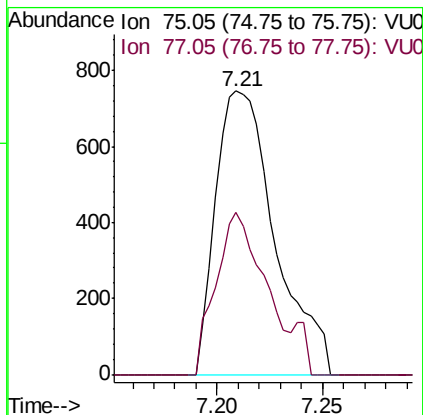
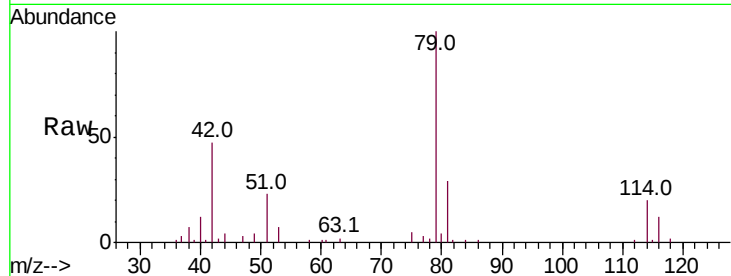


#39

cis-1,3-Dichloropropene
 Concen: 0.081 ug/L
 RT: 7.21 min Scan# 1903
 Delta R.T. -0.04 min
 Lab File: VU035189.D
 Acq: 15 Oct 2019 13:58

Instrument :
 MSVOA_U
 ClientSampleId :

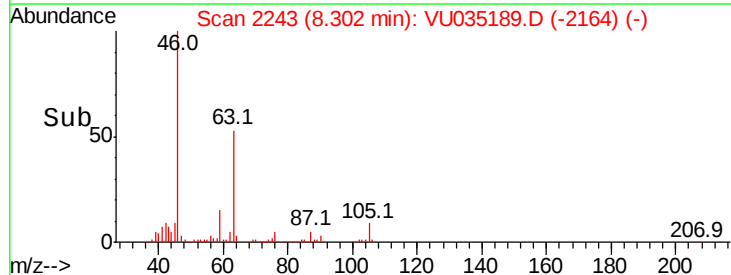
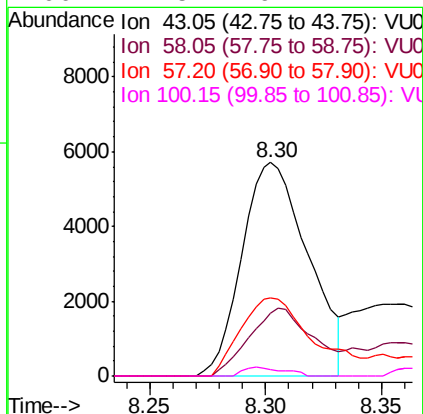
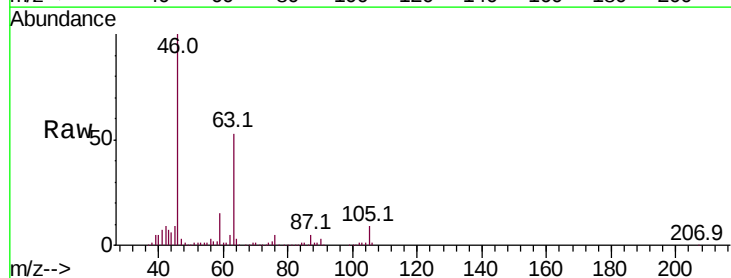
Tot Ion: 75 Resp: 1458
 Ion Ratio Lower Upper
 75 100
 77 57.4 22.1 41.1#

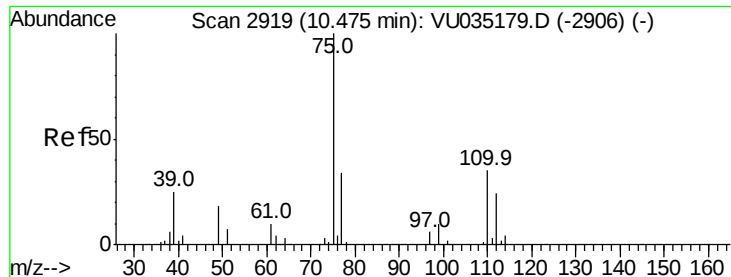


#48

2-Hexanone
 Concen: 1.980 ug/L
 RT: 8.30 min Scan# 2243
 Delta R.T. -0.04 min
 Lab File: VU035189.D
 Acq: 15 Oct 2019 13:58

Tgt Ion: 43 Resp: 11329
 Ion Ratio Lower Upper
 43 100
 58 30.4 44.1 66.1#
 57 39.6 15.8 23.8#
 100 2.5 9.4 14.2#





#59

1,2,3-Trichloropropane

Concen: 0.938 ug/L

RT: 11.47 min Scan# 3228

Delta R.T. 0.99 min

Lab File: VU035189.D

Acq: 15 Oct 2019 13:58

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 8045

Ion Ratio Lower Upper

75 100

77 34.8 26.5 39.7

