

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U101519\
 Data File : VU035190.D
 Acq On : 15 Oct 2019 14:22
 Operator : JC/SP
 Sample : K5317-14
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 15 15:17:59 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	150543	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	162965	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	57295	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	42524	4.78	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.60%
7) Chloroethane-d5	1.67	69	41625	5.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.20%
11) 1,1-Dichloroethene-d2	2.26	63	63481	3.38	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.60%
20) 2-Butanone-d5	4.18	46	153571	58.60	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.20%
24) Chloroform-d	4.62	84	89796	5.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.00%
26) 1,2-Dichloroethane-d4	5.29	65	51916	5.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.20%
32) Benzene-d6	5.32	84	168823	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.40%
36) 1,2-Dichloropropane-d6	6.31	67	62919	4.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.60%
41) Toluene-d8	7.55	98	137158	3.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.20%
43) trans-1,3-Dichloropropene-	7.84	79	19640	4.27	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.40%
46) 2-Hexanone-d5	8.30	63	105353	48.18	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.36%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	54175	5.03	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.60%
64) 1,2-Dichlorobenzene-d4	11.84	152	48985	5.07	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.40%

Target Compounds

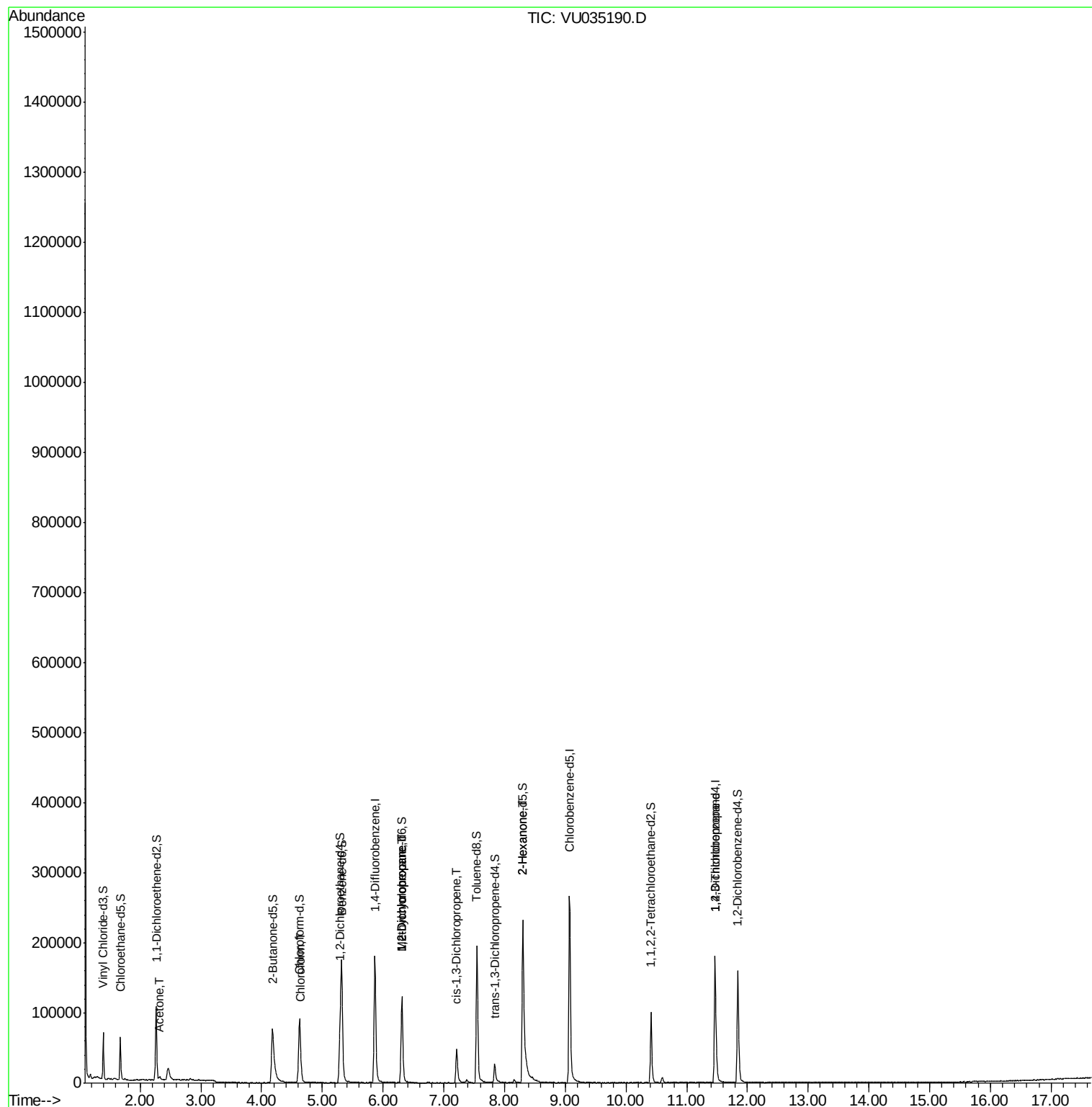
					Ovalue
13) Acetone	2.32	43	5164	2.406	ug/L 99
25) Chloroform	4.65	83	5897	0.255	ug/L 99
35) Methylcyclohexane	6.31	83	13895	0.678	ug/L # 19
37) 1,2-Dichloropropane	6.31	63	6911	0.522	ug/L # 90
39) cis-1,3-Dichloropropene	7.21	75	1443	0.080	ug/L # 27
48) 2-Hexanone	8.31	43	11710	2.049	ug/L # 71
59) 1,2,3-Trichloropropane	11.47	75	7677	0.896	ug/L 95

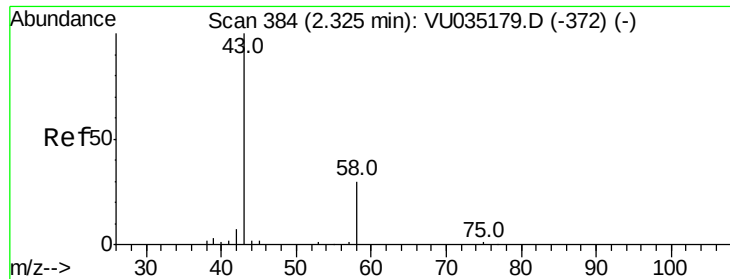
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.406 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.01 min

Lab File: VU035190.D

Acq: 15 Oct 2019 14:22

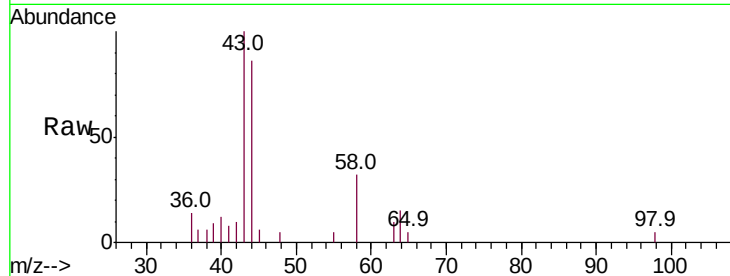
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 5164

Ion Ratio Lower Upper

43 100

58 33.8 0.0 66.6



Abundance Ion 43.05 (42.75 to 43.75): VU035179.D (-372) (-)

Ion 58.05 (57.75 to 58.75): VU035179.D (-372) (-)

2.32

3000

2500

2000

1500

1000

500

0

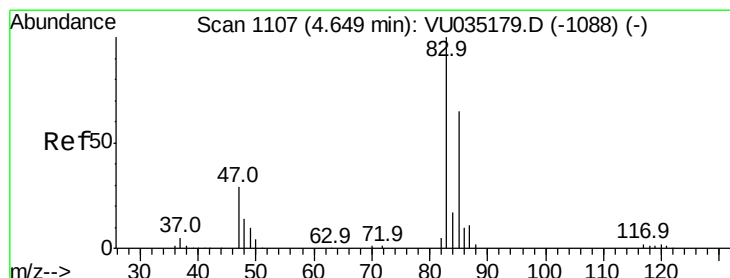
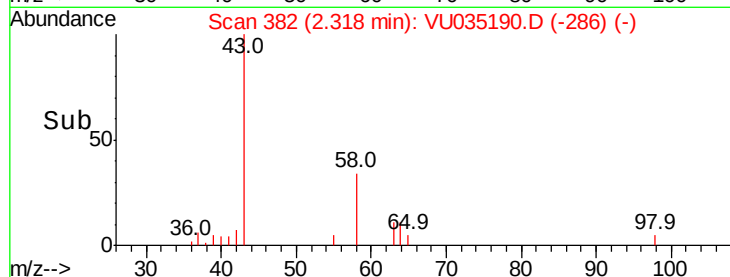
Time-->

2.25

2.30

2.35

2.40



#25

Chloroform

Concen: 0.255 ug/L

RT: 4.65 min Scan# 1108

Delta R.T. 0.00 min

Lab File: VU035190.D

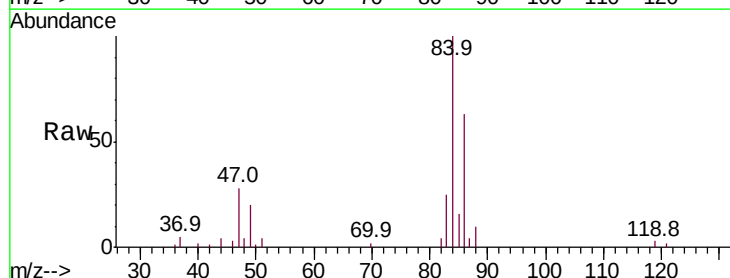
Acq: 15 Oct 2019 14:22

Tgt Ion: 83 Resp: 5897

Ion Ratio Lower Upper

83 100

85 64.2 45.4 84.4



Abundance Ion 83.05 (82.75 to 83.75): VU035179.D (-1088) (-)

Ion 85.00 (84.70 to 85.70): VU035179.D (-1088) (-)

4.65

2500

2000

1500

1000

500

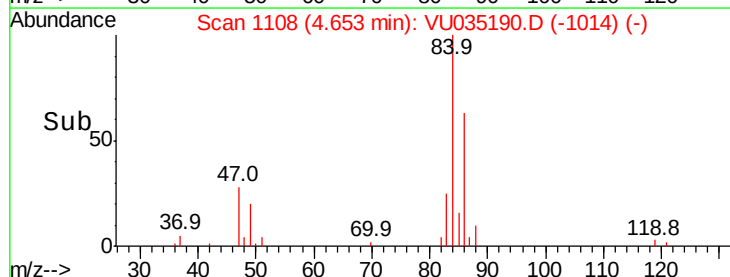
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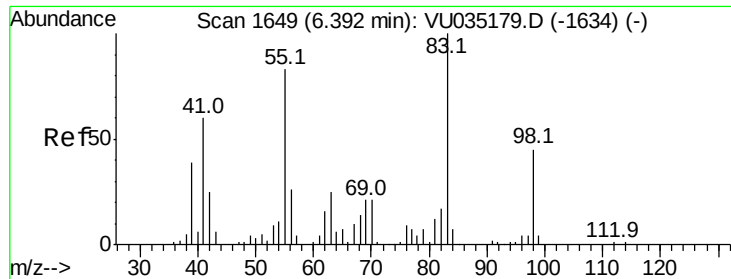
Time-->

4.60

4.65

4.70

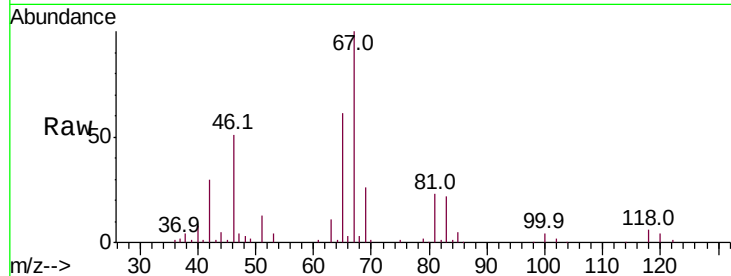




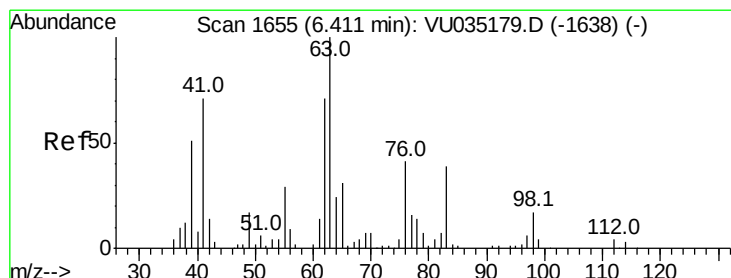
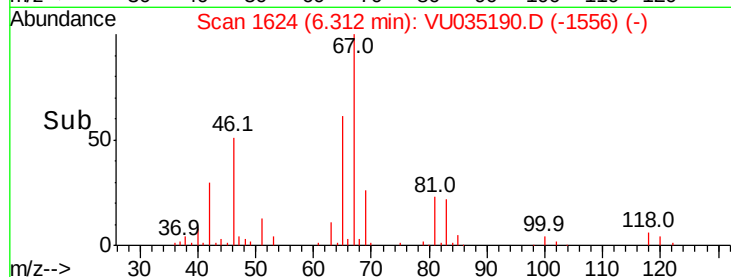
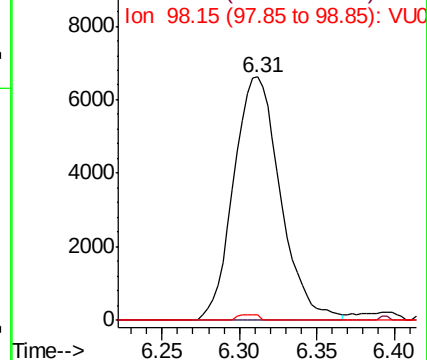
#35
Methylcyclohexane
Concen: 0.678 ug/L
RT: 6.31 min Scan# 1624
Delta R.T. -0.08 min
Lab File: VU035190.D
Acq: 15 Oct 2019 14:22

Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 83 Resp: 13895
Ion Ratio Lower Upper
83 100
55 0.3 62.6 94.0#
98 1.0 36.2 54.2#

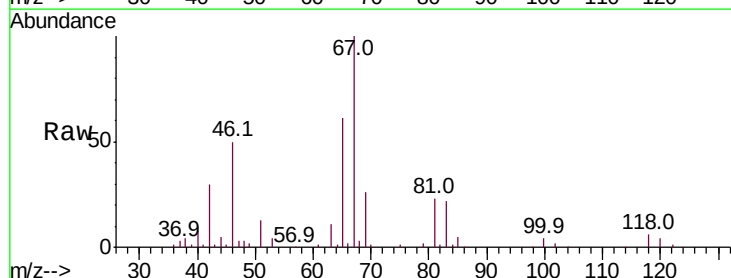


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

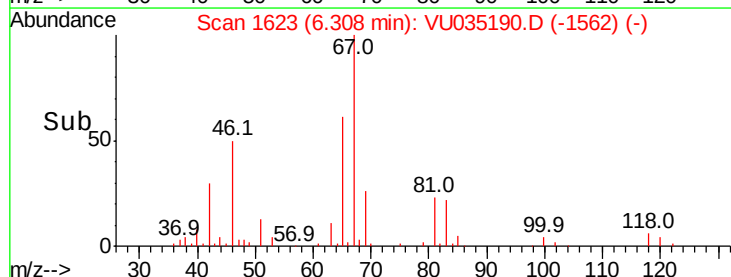
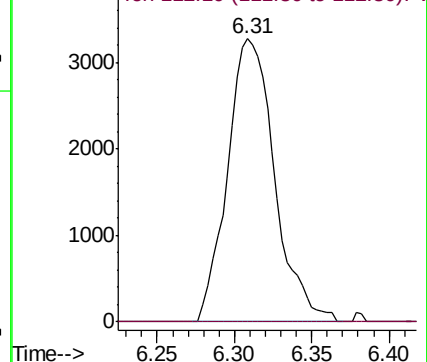


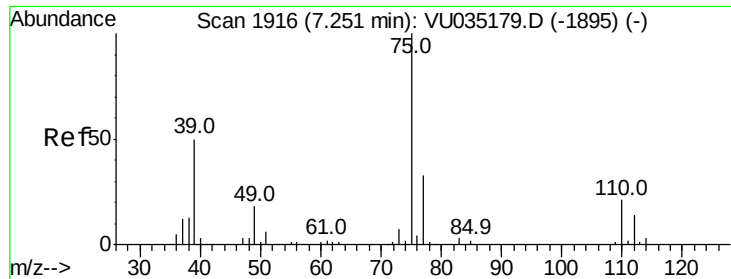
#37
1,2-Dichloropropane
Concen: 0.522 ug/L
RT: 6.31 min Scan# 1623
Delta R.T. -0.10 min
Lab File: VU035190.D
Acq: 15 Oct 2019 14:22

Tgt Ion: 63 Resp: 6911
Ion Ratio Lower Upper
63 100
112 0.7 3.1 4.7#



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

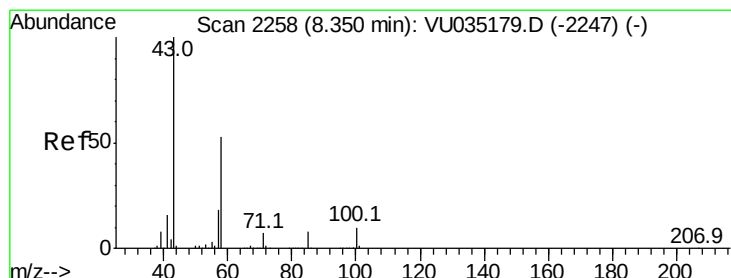
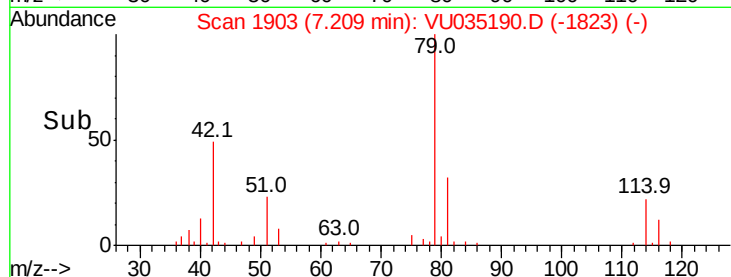
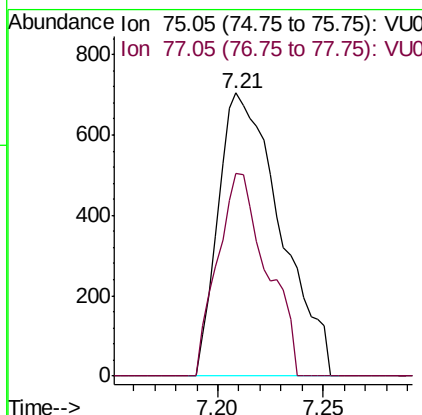
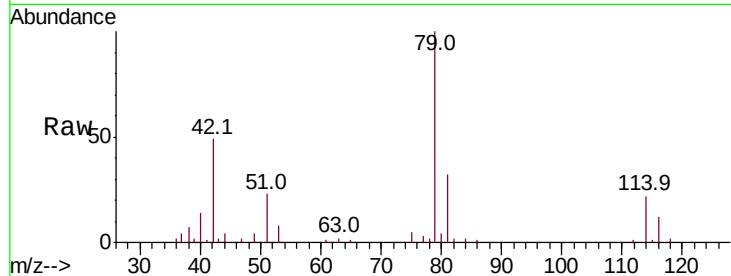




#39
 cis-1,3-Dichloropropene
 Concen: 0.080 ug/L
 RT: 7.21 min Scan# 1903
 Delta R.T. -0.04 min
 Lab File: VU035190.D
 Acq: 15 Oct 2019 14:22

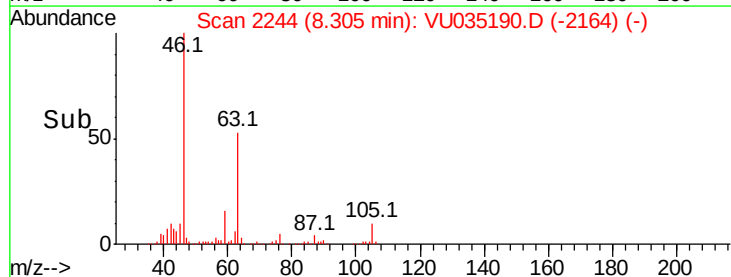
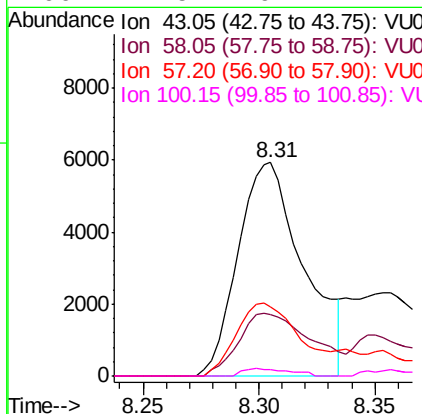
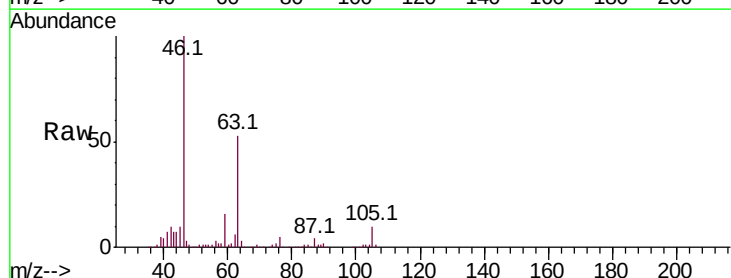
Instrument :
 MSVOA_U
 ClientSampleId :

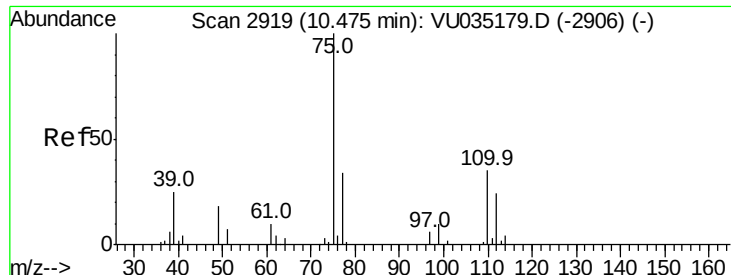
Tot Ion: 75 Resp: 1443
 Ion Ratio Lower Upper
 75 100
 77 71.9 22.1 41.1#



#48
 2-Hexanone
 Concen: 2.049 ug/L
 RT: 8.31 min Scan# 2244
 Delta R.T. -0.04 min
 Lab File: VU035190.D
 Acq: 15 Oct 2019 14:22

Tgt Ion: 43 Resp: 11710
 Ion Ratio Lower Upper
 43 100
 58 32.9 44.1 66.1#
 57 33.0 15.8 23.8#
 100 2.5 9.4 14.2#





#59

1,2,3-Trichloropropane

Concen: 0.896 ug/L

RT: 11.47 min Scan# 3228

Delta R.T. 0.99 min

Lab File: VU035190.D

Acq: 15 Oct 2019 14:22

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 7677

Ion Ratio Lower Upper

75 100

77 35.9 26.5 39.7

