

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101519\
 Data File : VU035183.D
 Acq On : 15 Oct 2019 11:31
 Operator : JC/SP
 Sample : K5310-24
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 15 15:17:13 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	5.86	114	138938	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	144400	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	51241	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	36430	4.44	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.80%
7) Chloroethane-d5	1.68	69	36475	4.76	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.20%
11) 1,1-Dichloroethene-d2	2.26	63	53915	3.11	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.20%
20) 2-Butanone-d5	4.19	46	138331	57.19	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.38%
24) Chloroform-d	4.62	84	81234	5.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.80%
26) 1,2-Dichloroethane-d4	5.29	65	45370	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.60%
32) Benzene-d6	5.32	84	144062	4.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.00%
36) 1,2-Dichloropropane-d6	6.31	67	53898	4.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.20%
41) Toluene-d8	7.55	98	118856	3.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.60%
43) trans-1,3-Dichloropropene-	7.84	79	17006	4.18	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.60%
46) 2-Hexanone-d5	8.31	63	86942	44.87	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.74%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	48040	5.04	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.80%
64) 1,2-Dichlorobenzene-d4	11.85	152	41934	4.85	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.00%

Target Compounds

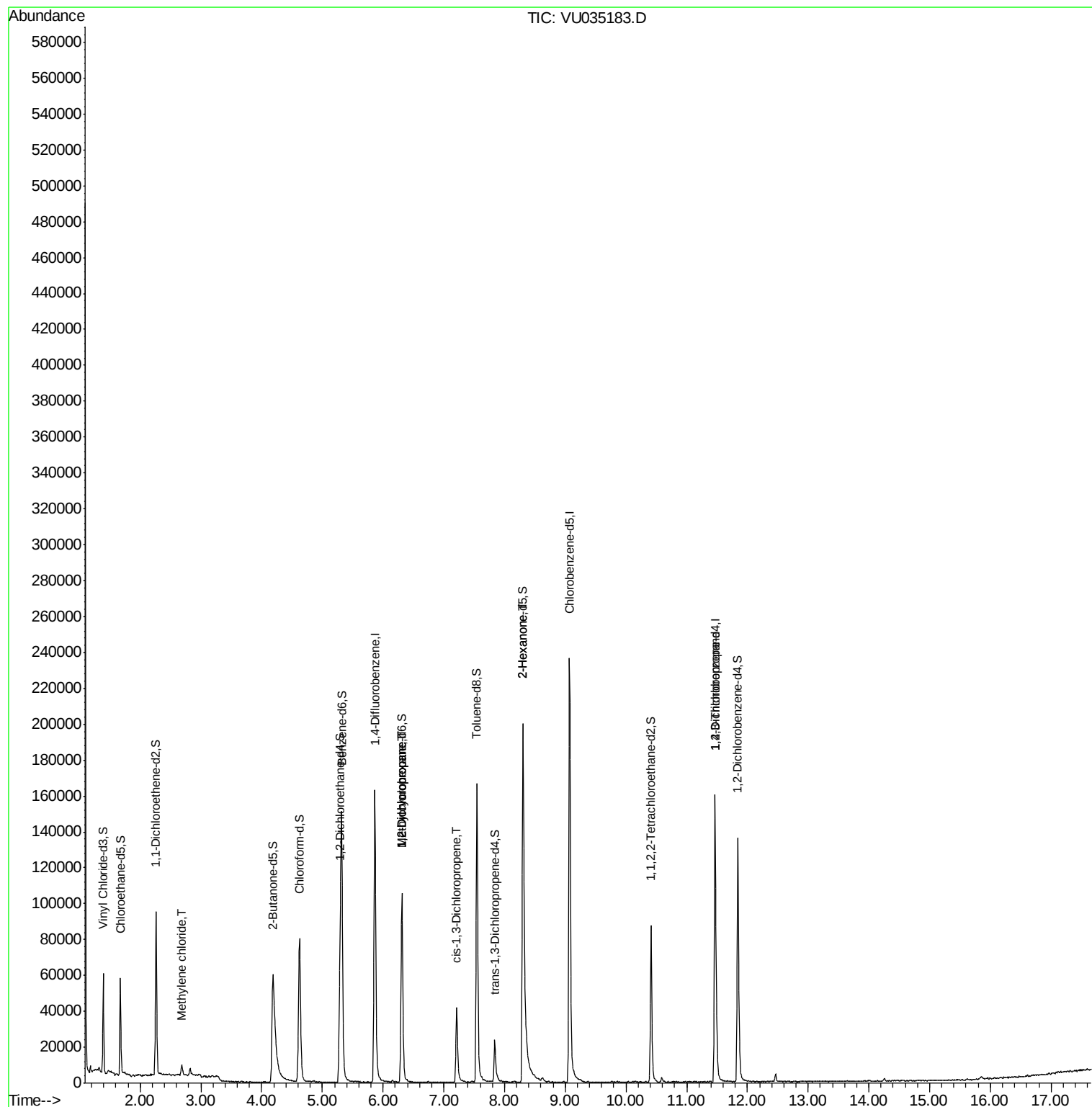
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
16) Methylene chloride	2.68	84	2046	0.185	ug/L	89
35) Methylcyclohexane	6.31	83	11598	0.638	ug/L #	18
37) 1,2-Dichloropropane	6.31	63	5764	0.491	ug/L #	89
39) cis-1,3-Dichloropropene	7.21	75	1193	0.075	ug/L #	65
48) 2-Hexanone	8.31	43	10403	2.055	ug/L #	64
59) 1,2,3-Trichloropropane	11.47	75	6281	0.827	ug/L	89

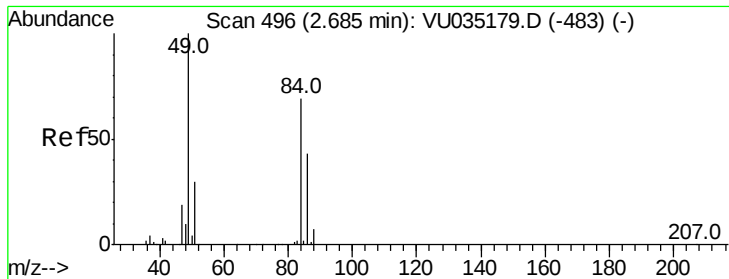
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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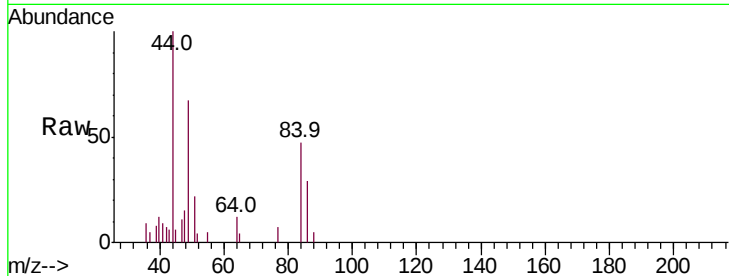




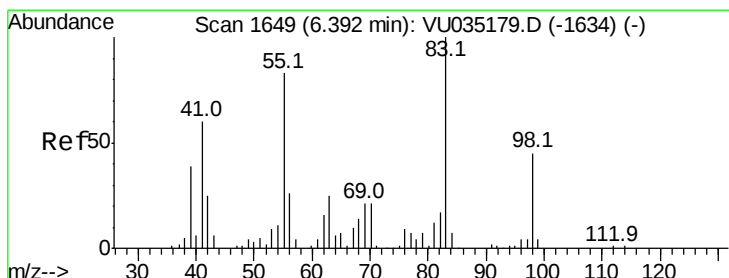
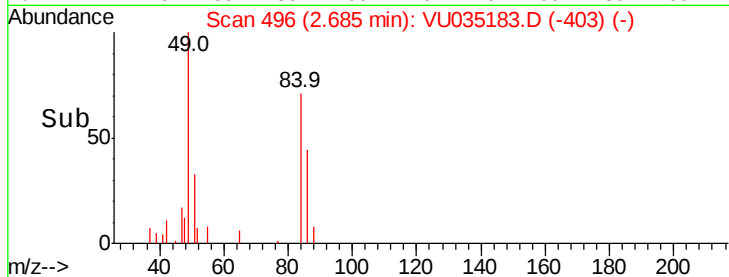
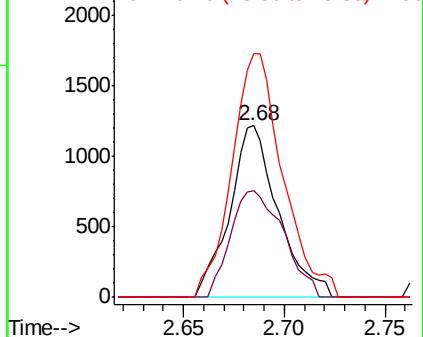
#16
Methvlene chloride
Concen: 0.185 ug/L
RT: 2.68 min Scan# 496
Delta R.T. 0.00 min
Lab File: VU035183.D
Acq: 15 Oct 2019 11:31

Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 84 Resp: 2046
Ion Ratio Lower Upper
84 100
86 62.0 42.5 78.9
49 141.8 86.9 161.3

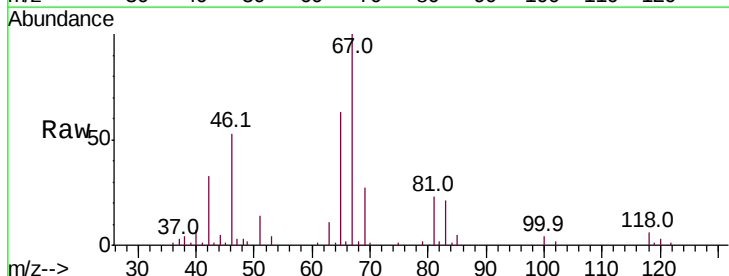


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

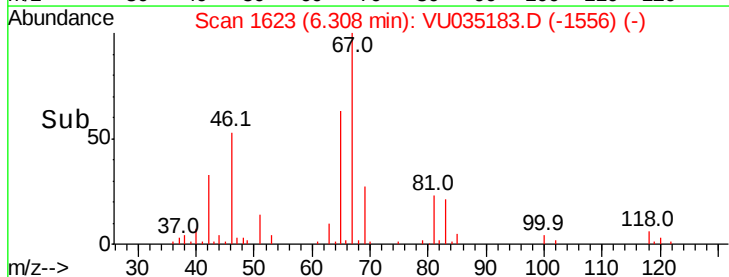
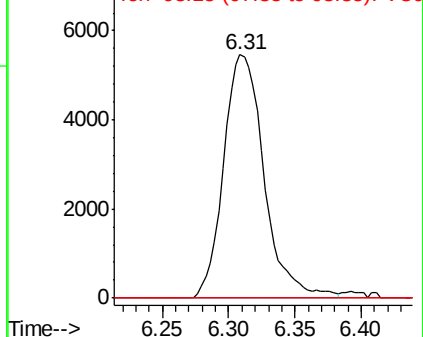


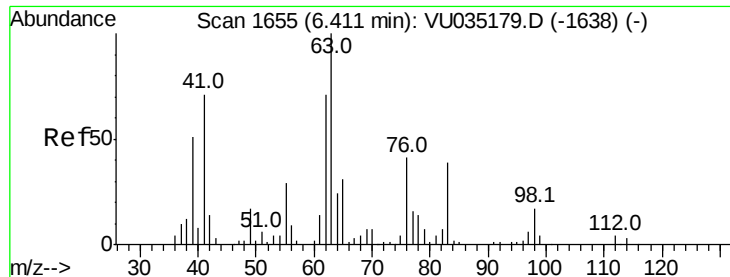
#35
Methylcyclohexane
Concen: 0.638 ug/L
RT: 6.31 min Scan# 1623
Delta R.T. -0.08 min
Lab File: VU035183.D
Acq: 15 Oct 2019 11:31

Tgt Ion: 83 Resp: 11598
Ion Ratio Lower Upper
83 100
55 0.0 62.6 94.0#
98 0.8 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: 0.491 ug/L

RT: 6.31 min Scan# 1623

Delta R.T. -0.10 min

Lab File: VU035183.D

Acq: 15 Oct 2019 11:31

Instrument :

MSVOA_U

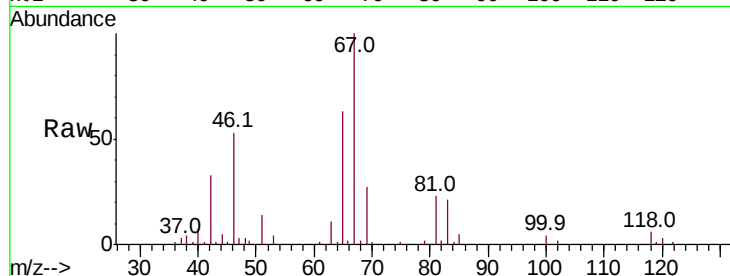
ClientSampleId :

Tot Ion: 63 Resp: 5764

Ion Ratio Lower Upper

63 100

112 0.4 3.1 4.7#



Abundance Ion 63.10 (62.80 to 63.80): VU035179.D (-1638) (-)

Ion 112.10 (111.80 to 112.80): VU035179.D (-1638) (-)

6.31

3000

2500

2000

1500

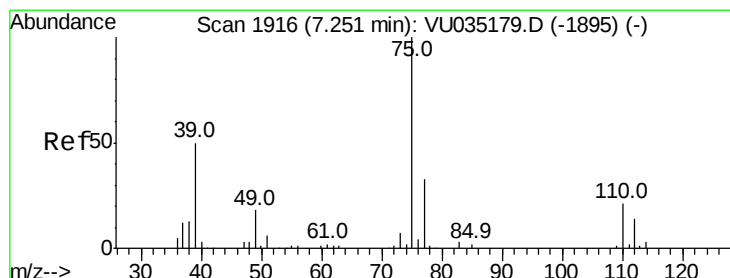
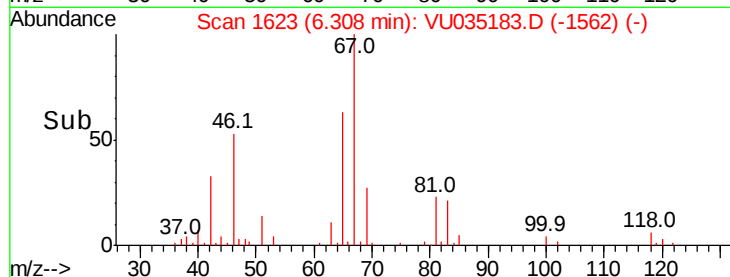
1000

500

0

6.25 6.30 6.35 6.40

Time-->



#39

cis-1,3-Dichloropropene

Concen: 0.075 ug/L

RT: 7.21 min Scan# 1903

Delta R.T. -0.04 min

Lab File: VU035183.D

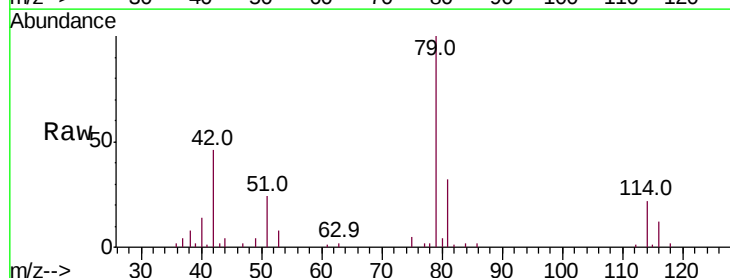
Acq: 15 Oct 2019 11:31

Tgt Ion: 75 Resp: 1193

Ion Ratio Lower Upper

75 100

77 50.9 22.1 41.1#



Abundance Ion 75.05 (74.75 to 75.75): VU035179.D (-1895) (-)

Ion 77.05 (76.75 to 77.75): VU035179.D (-1895) (-)

7.21

600

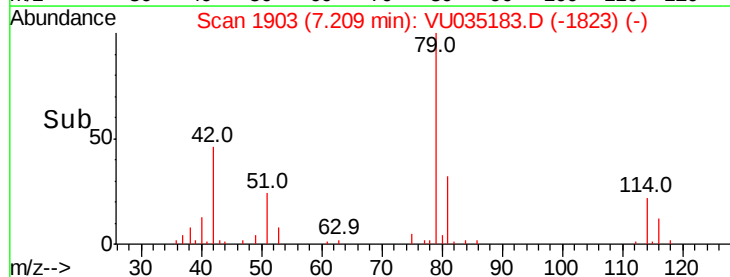
400

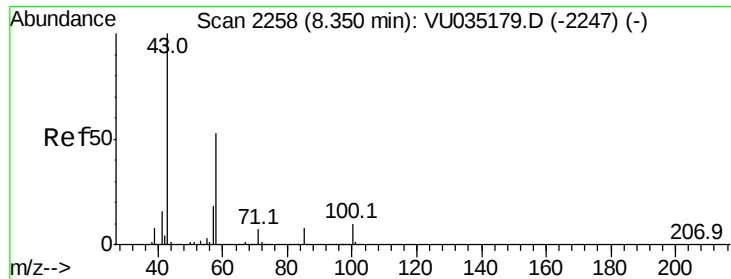
200

0

7.20 7.25

Time-->

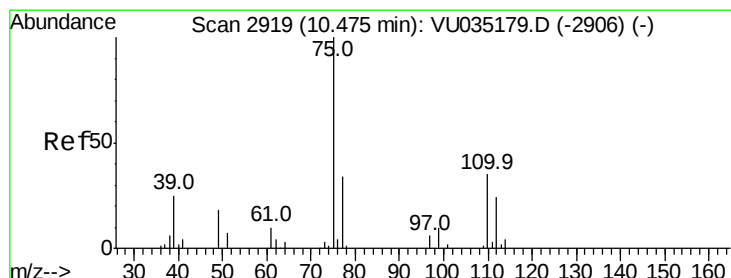
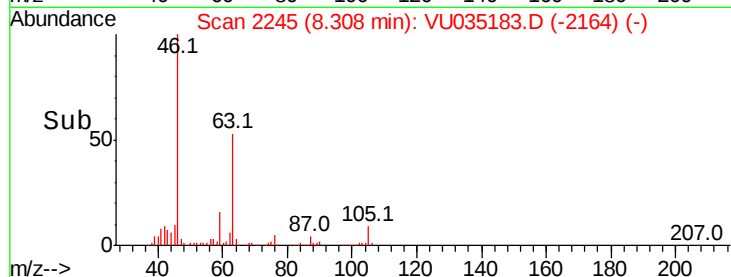
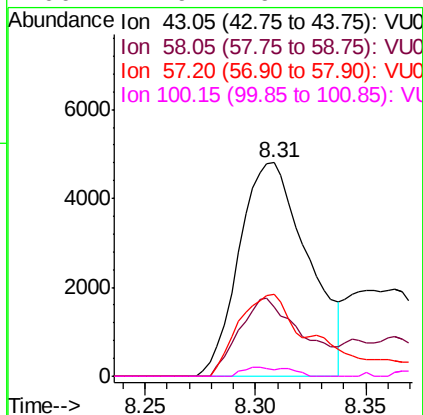
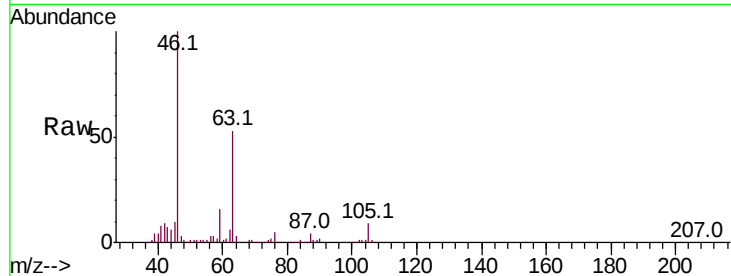




#48
 2-Hexanone
 Concen: 2.055 ug/L
 RT: 8.31 min Scan# 2245
 Delta R.T. -0.04 min
 Lab File: VU035183.D
 Acq: 15 Oct 2019 11:31

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 43 Resp: 10403
 Ion Ratio Lower Upper
 43 100
 58 33.3 44.1 66.1#
 57 46.8 15.8 23.8#
 100 2.9 9.4 14.2#



#59
 1,2,3-Trichloropropane
 Concen: 0.827 ug/L
 RT: 11.47 min Scan# 3227
 Delta R.T. 0.99 min
 Lab File: VU035183.D
 Acq: 15 Oct 2019 11:31

Tgt Ion: 75 Resp: 6281
 Ion Ratio Lower Upper
 75 100
 77 39.6 26.5 39.7

