

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101819\
 Data File : VU035294.D
 Acq On : 19 Oct 2019 02:58
 Operator : JC/SP
 Sample : K5419-20
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 19 06:17:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Oct 19 06:13:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	310201	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	296376	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	118466	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	78661	4.16	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.20%
7) Chloroethane-d5	1.93	69	75224	4.35	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.00%
11) 1,1-Dichloroethene-d2	2.59	63	107928	3.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.80%
20) 2-Butanone-d5	4.71	46	269512	49.58	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.16%
24) Chloroform-d	5.11	84	161293	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.40%
26) 1,2-Dichloroethane-d4	5.75	65	92881	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.00%
32) Benzene-d6	5.77	84	306607	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.40%
36) 1,2-Dichloropropane-d6	6.74	67	103755	4.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.40%
41) Toluene-d8	7.93	98	270636	4.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.40%
43) trans-1,3-Dichloropropene-	8.22	79	41826	4.01	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.20%
46) 2-Hexanone-d5	8.68	63	212176	46.07	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.14%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	92540	4.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.40%
64) 1,2-Dichlorobenzene-d4	12.22	152	99221	4.60	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.00%

Target Compounds

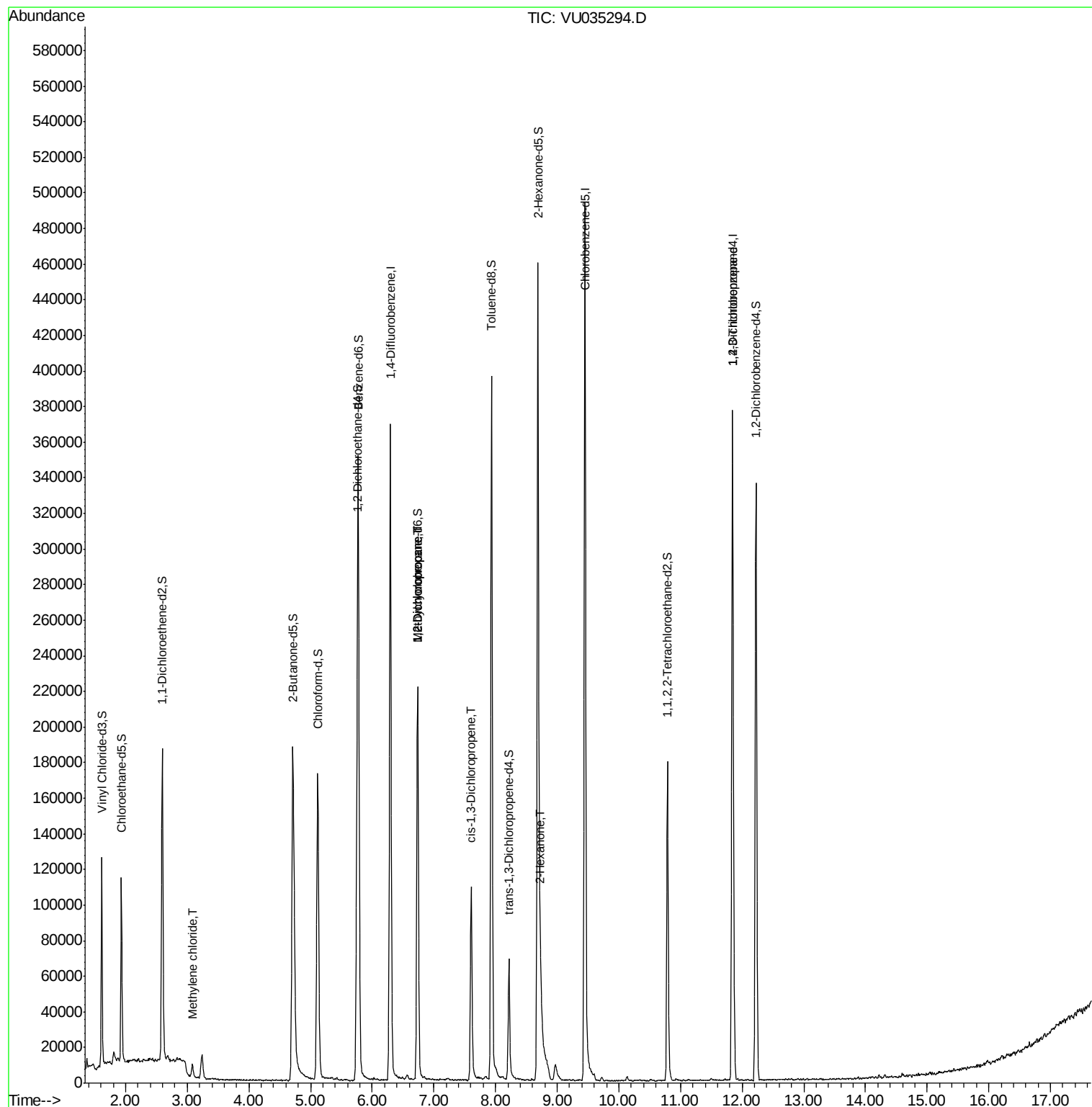
					Ovalue
16) Methylene chloride	3.09	84	3431	0.143 ug/L	90
35) Methylcyclohexane	6.74	83	24159	0.617 ug/L #	18
37) 1,2-Dichloropropane	6.74	63	11714	0.529 ug/L #	86
39) cis-1,3-Dichloropropene	7.60	75	3109	0.084 ug/L #	48
48) 2-Hexanone	8.73	43	13003	1.241 ug/L #	71
59) 1,2,3-Trichloropropane	11.84	75	14523	0.942 ug/L	98

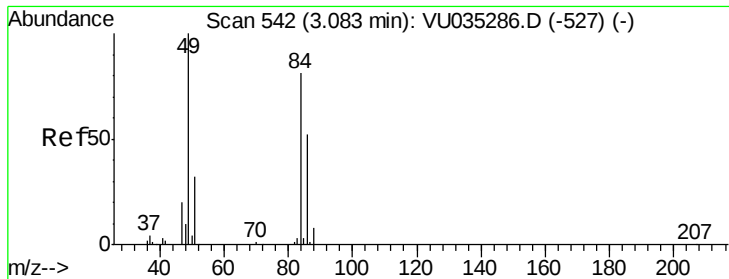
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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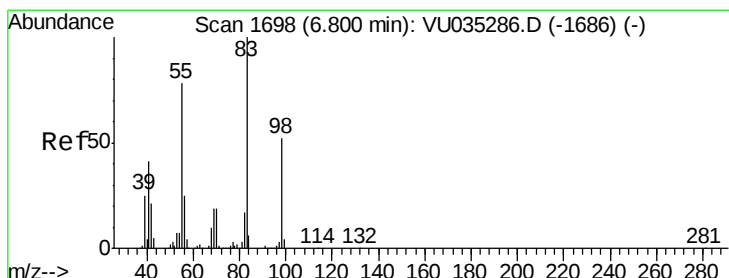
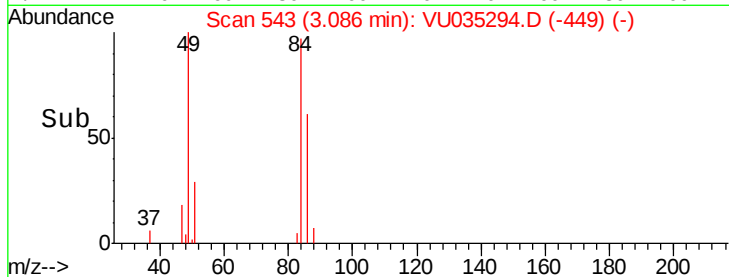
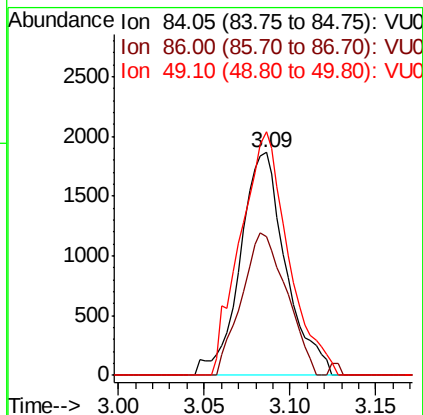
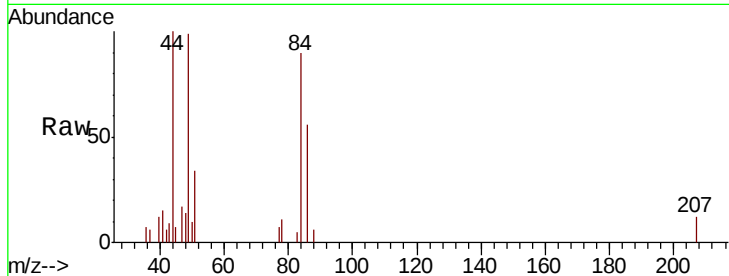




#16
Methvlene chloride
Concen: 0.143 ug/L
RT: 3.09 min Scan# 543
Delta R.T. 0.00 min
Lab File: VU035294.D
Acq: 19 Oct 2019 02:58

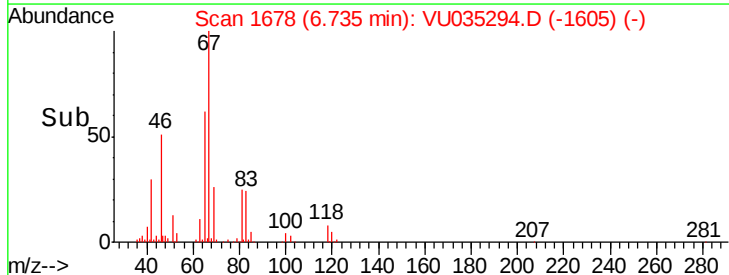
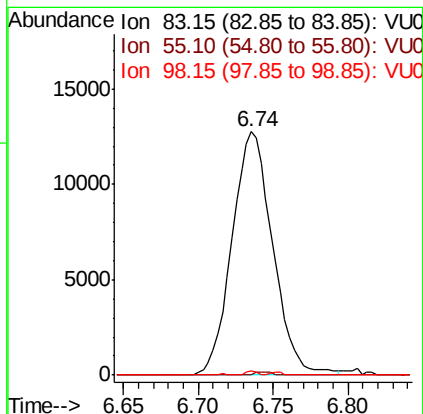
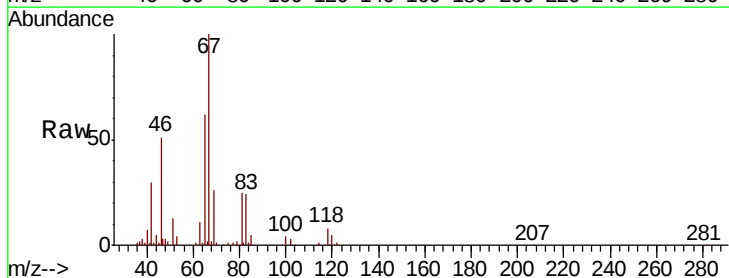
Instrument :
MSVOA_U
ClientSampleId :

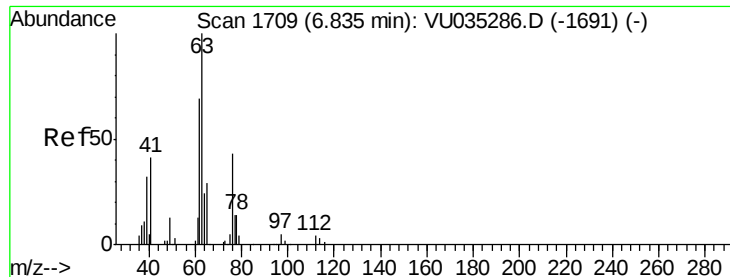
Tot Ion: 84 Resp: 3431
Ion Ratio Lower Upper
84 100
86 62.3 45.4 84.2
49 109.3 86.8 161.2



#35
Methylcyclohexane
Concen: 0.617 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.06 min
Lab File: VU035294.D
Acq: 19 Oct 2019 02:58

Tgt Ion: 83 Resp: 24159
Ion Ratio Lower Upper
83 100
55 0.0 60.4 90.6#
98 0.4 39.5 59.3#





#37

1,2-Dichloropropane

Concen: 0.529 ug/L

RT: 6.74 min Scan# 1678

Delta R.T. -0.10 min

Lab File: VU035294.D

Acq: 19 Oct 2019 02:58

Instrument :

MSVOA_U

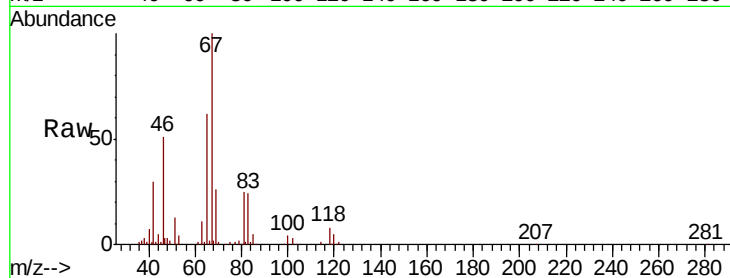
ClientSampleId :

Tot Ion: 63 Resp: 11714

Ion Ratio Lower Upper

63 100

112 0.0 3.7 5.5#



Abundance Ion 63.10 (62.80 to 63.80): VU035286.D (-1691) (-)

Ion 112.10 (111.80 to 112.80): VU035286.D (-1691) (-)

6.74

6000

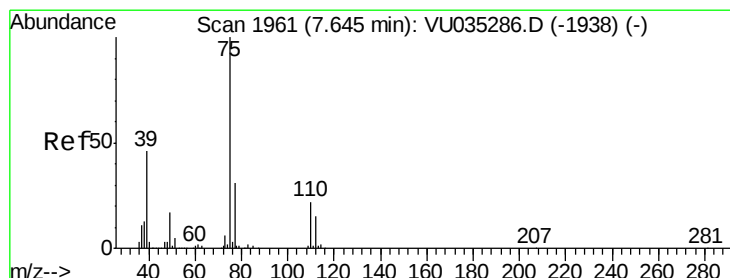
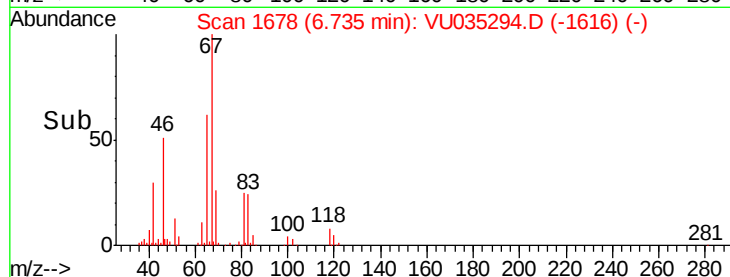
4000

2000

0

6.65 6.70 6.75 6.80

Time-->



#39

cis-1,3-Dichloropropene

Concen: 0.084 ug/L

RT: 7.60 min Scan# 1948

Delta R.T. -0.04 min

Lab File: VU035294.D

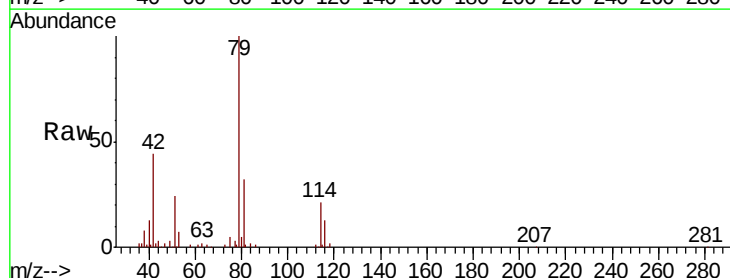
Acq: 19 Oct 2019 02:58

Tgt Ion: 75 Resp: 3109

Ion Ratio Lower Upper

75 100

77 61.7 22.7 42.1#



Abundance Ion 75.05 (74.75 to 75.75): VU035286.D (-1938) (-)

Ion 77.05 (76.75 to 77.75): VU035286.D (-1938) (-)

7.60

1500

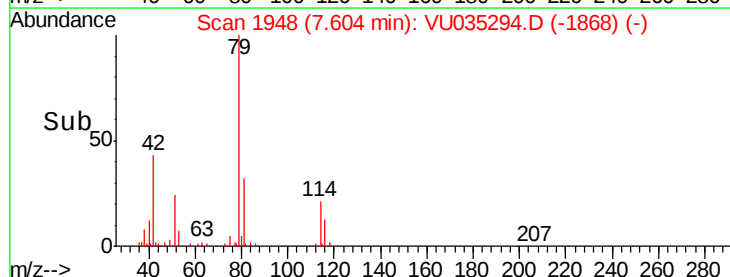
1000

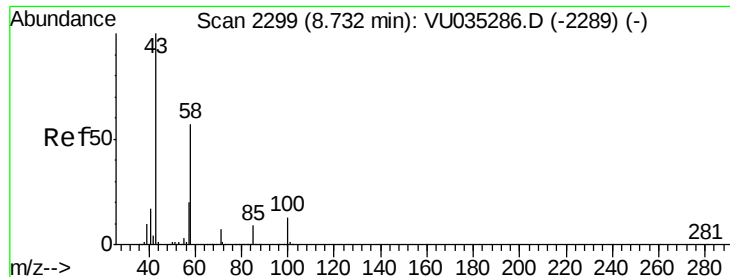
500

0

7.55 7.60 7.65

Time-->

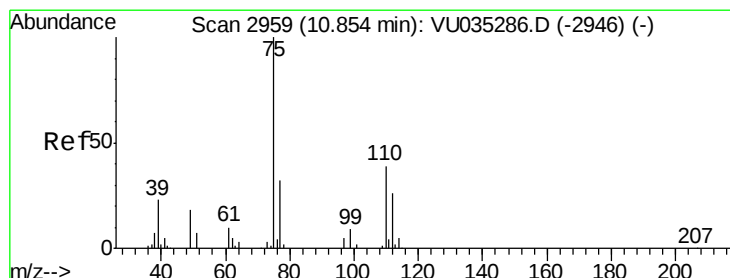
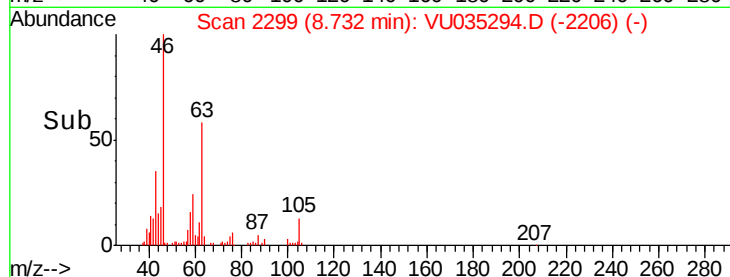
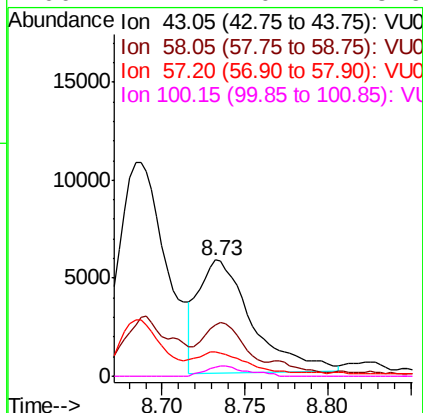
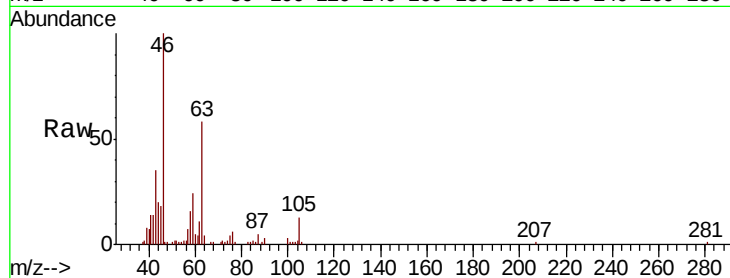




#48
 2-Hexanone
 Concen: 1.241 ug/L
 RT: 8.73 min Scan# 2299
 Delta R.T. -0.00 min
 Lab File: VU035294.D
 Acq: 19 Oct 2019 02:58

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 43 Resp: 13003
 Ion Ratio Lower Upper
 43 100
 58 27.1 45.1 67.7#
 57 17.4 16.0 24.0
 100 7.1 10.4 15.6#



#59
 1,2,3-Trichloropropane
 Concen: 0.942 ug/L
 RT: 11.84 min Scan# 3266
 Delta R.T. 0.99 min
 Lab File: VU035294.D
 Acq: 19 Oct 2019 02:58

Tgt Ion: 75 Resp: 14523
 Ion Ratio Lower Upper
 75 100
 77 33.9 26.2 39.2

