

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101519\
 Data File : VU035193.D
 Acq On : 15 Oct 2019 17:28
 Operator : JC/SP
 Sample : K5317-17
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 15 19:25:48 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	204761	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	206937	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	74935	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	50304	4.16	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.20%
7) Chloroethane-d5	1.68	69	50286	4.45	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.00%
11) 1,1-Dichloroethene-d2	2.26	63	73590	2.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.60%#
20) 2-Butanone-d5	4.17	46	176600	49.54	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.08%
24) Chloroform-d	4.63	84	104420	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.20%
26) 1,2-Dichloroethane-d4	5.29	65	64576	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.20%
32) Benzene-d6	5.32	84	202409	4.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.40%
36) 1,2-Dichloropropane-d6	6.31	67	78214	4.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.40%
41) Toluene-d8	7.55	98	171630	3.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.20%
43) trans-1,3-Dichloropropene-	7.84	79	22229	3.81	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.20%
46) 2-Hexanone-d5	8.31	63	126372	45.51	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.02%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	65662	4.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.00%
64) 1,2-Dichlorobenzene-d4	11.85	152	59289	4.69	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.80%

Target Compounds

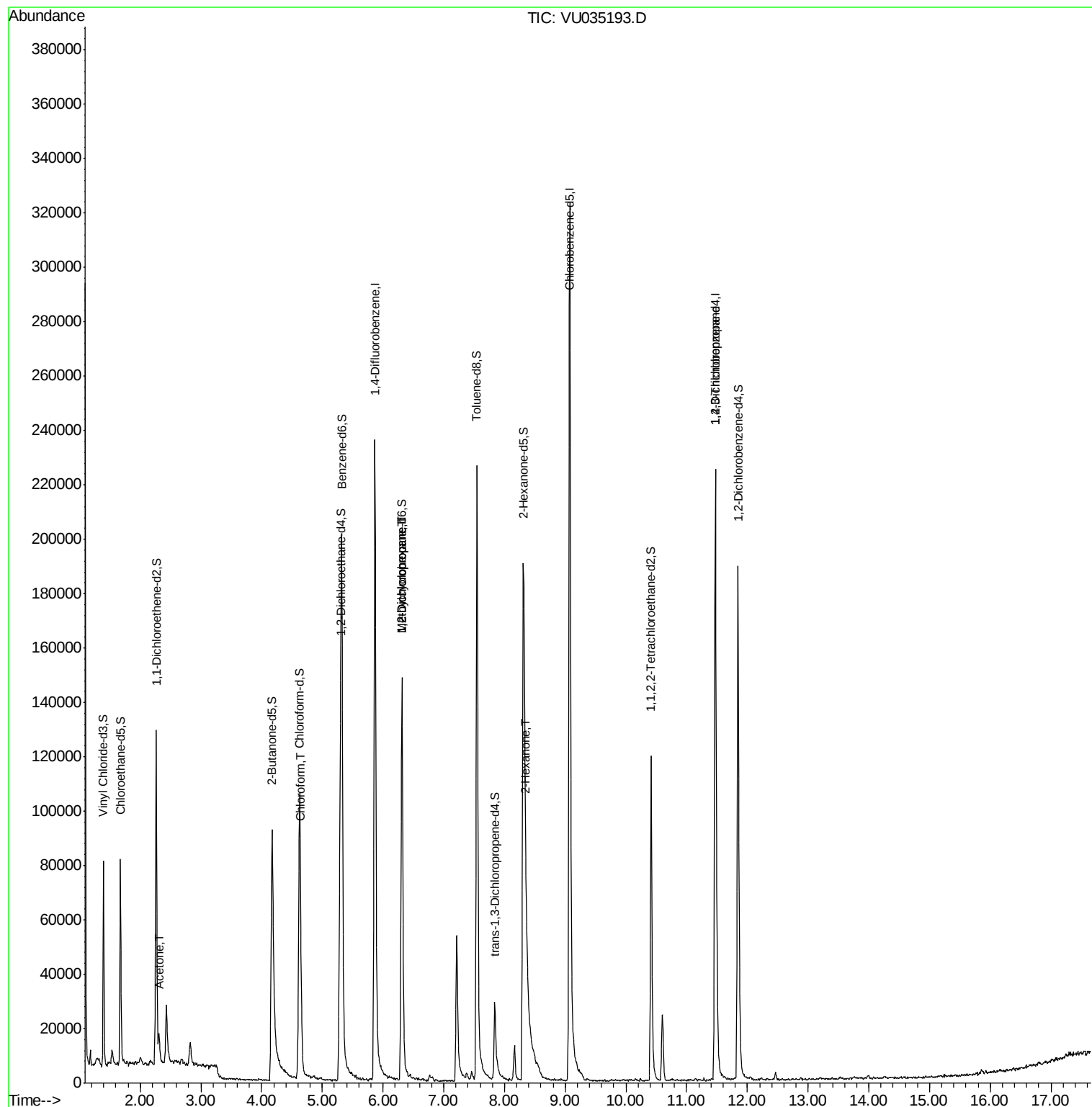
					Ovalue
13) Acetone	2.31	43	10938	3.747	ug/L 96
25) Chloroform	4.65	83	9791	0.311	ug/L 95
35) Methylcyclohexane	6.31	83	15889	0.610	ug/L # 18
37) 1,2-Dichloropropane	6.31	63	9032	0.537	ug/L # 89
48) 2-Hexanone	8.36	43	6719	0.926	ug/L # 83
59) 1,2,3-Trichloropropane	11.47	75	10667	0.980	ug/L 97

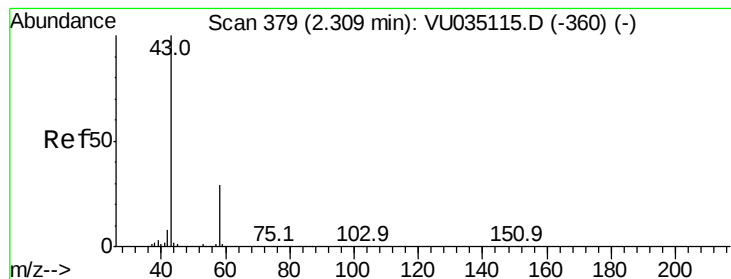
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.747 ug/L

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VU035193.D

Acq: 15 Oct 2019 17:28

Instrument :

MSVOA_U

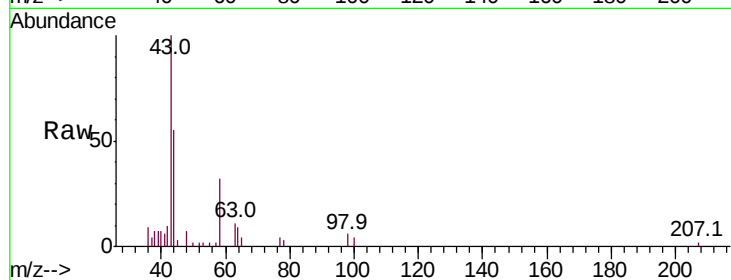
ClientSampleId :

Tot Ion: 43 Resp: 10938

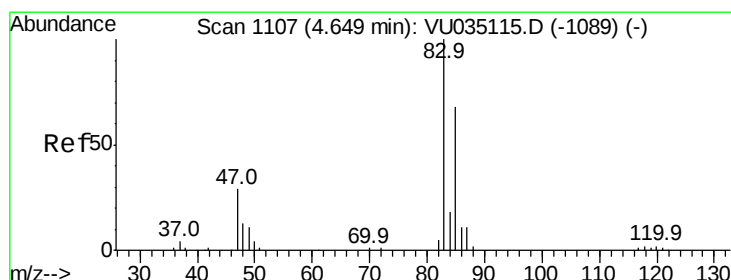
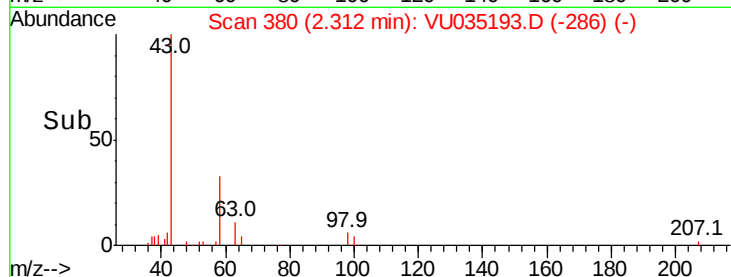
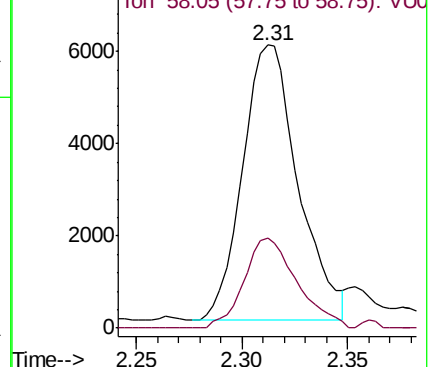
Ion Ratio Lower Upper

43 100

58 31.2 0.0 66.6



Abundance Ion 43.05 (42.75 to 43.75): VU035115.D (-360) (-)



#25

Chloroform

Concen: 0.311 ug/L

RT: 4.65 min Scan# 1107

Delta R.T. 0.00 min

Lab File: VU035193.D

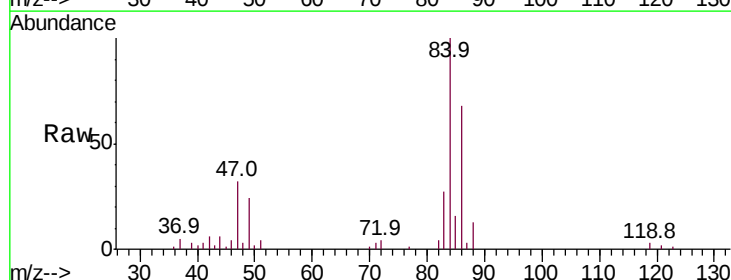
Acq: 15 Oct 2019 17:28

Tgt Ion: 83 Resp: 9791

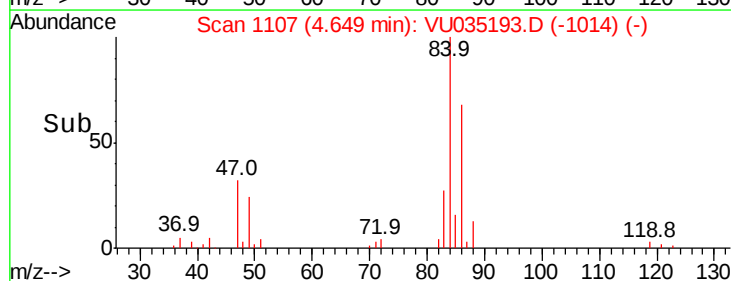
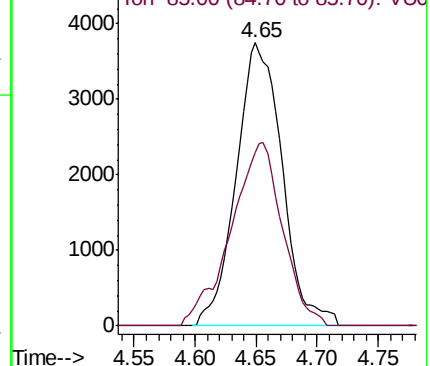
Ion Ratio Lower Upper

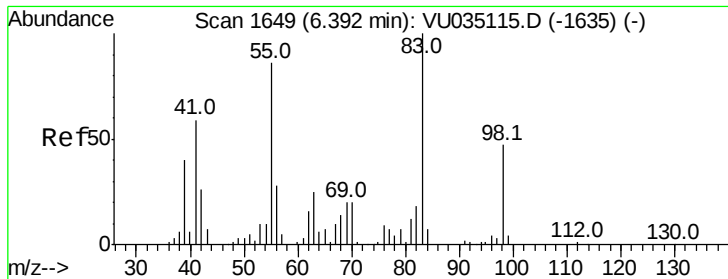
83 100

85 61.2 45.4 84.4



Abundance Ion 83.05 (82.75 to 83.75): VU035115.D (-1089) (-)

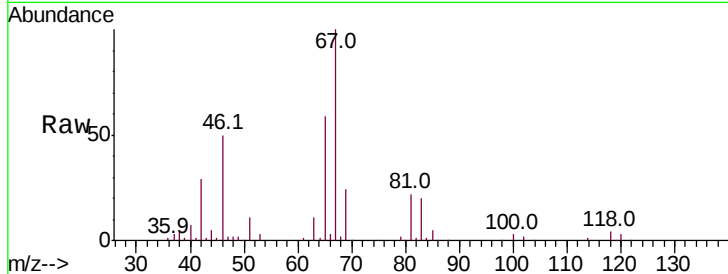




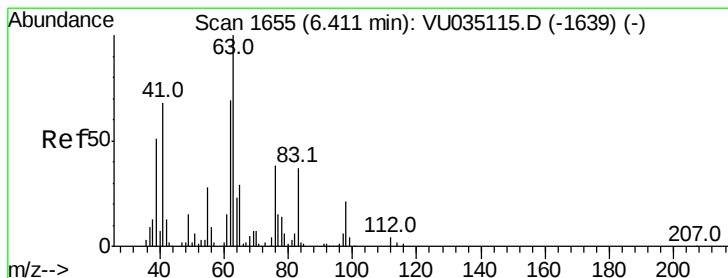
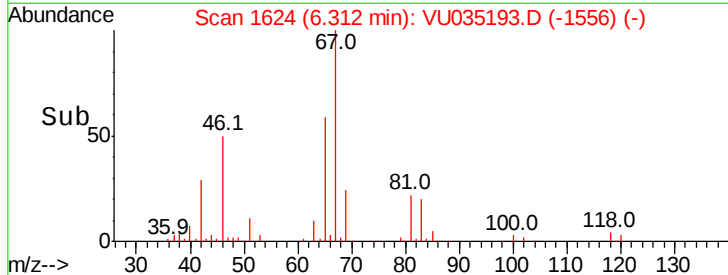
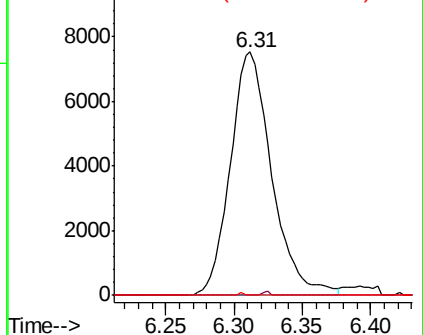
#35
Methvlcvclohexane
Concen: 0.610 ug/L
RT: 6.31 min Scan# 1624
Delta R.T. -0.08 min
Lab File: VU035193.D
Acq: 15 Oct 2019 17:28

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 15889
Ion Ratio Lower Upper
83 100
55 0.3 62.6 94.0#
98 0.1 36.2 54.2#

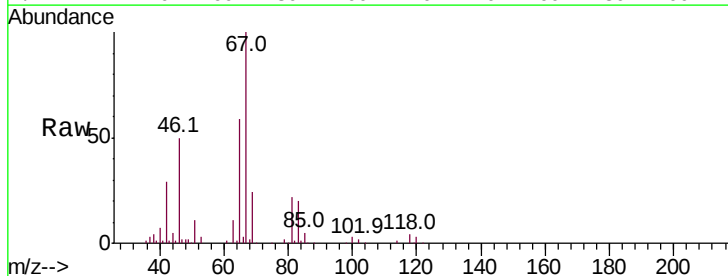


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

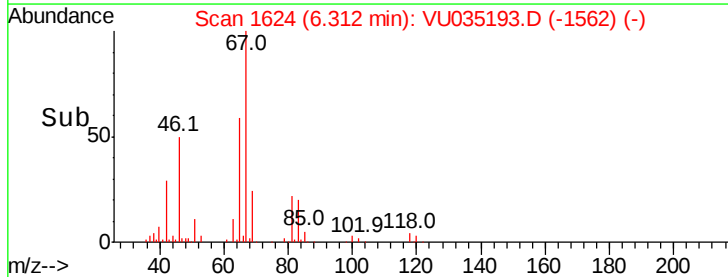
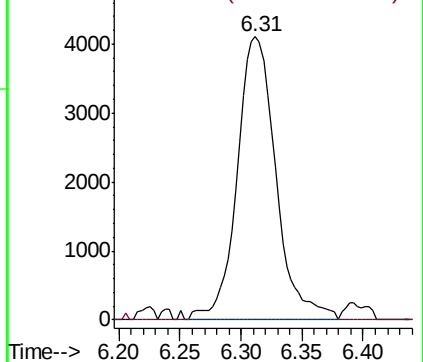


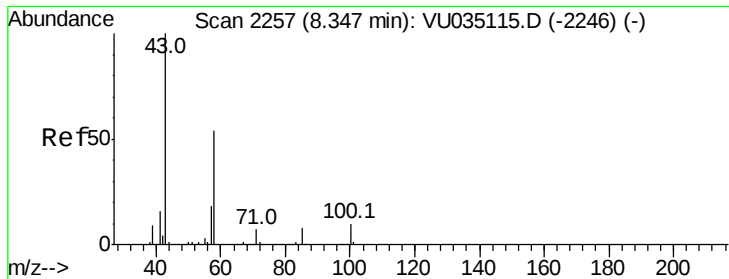
#37
1,2-Dichloropropane
Concen: 0.537 ug/L
RT: 6.31 min Scan# 1624
Delta R.T. -0.10 min
Lab File: VU035193.D
Acq: 15 Oct 2019 17:28

Tgt Ion: 63 Resp: 9032
Ion Ratio Lower Upper
63 100
112 0.2 3.1 4.7#



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

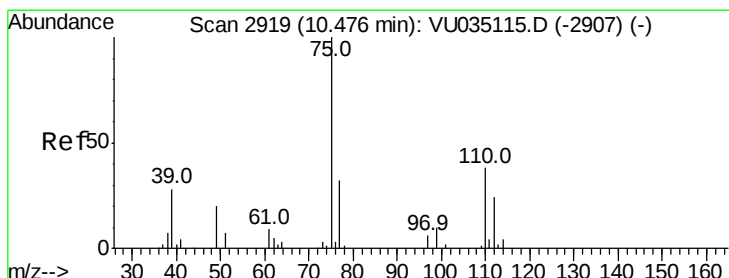
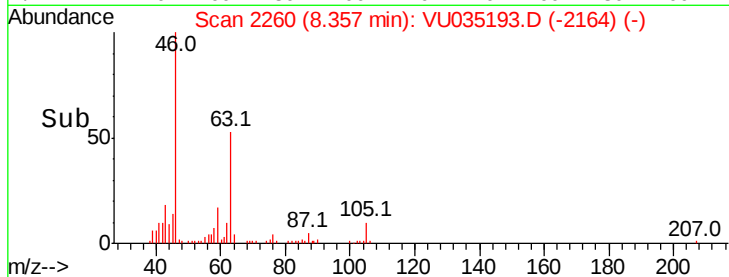
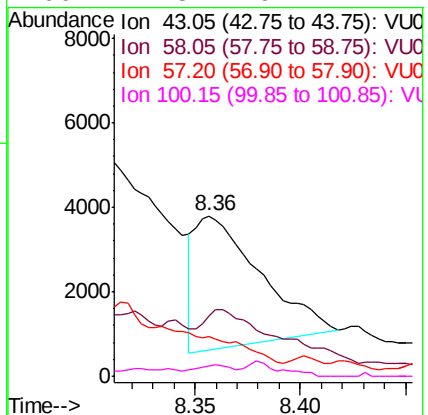
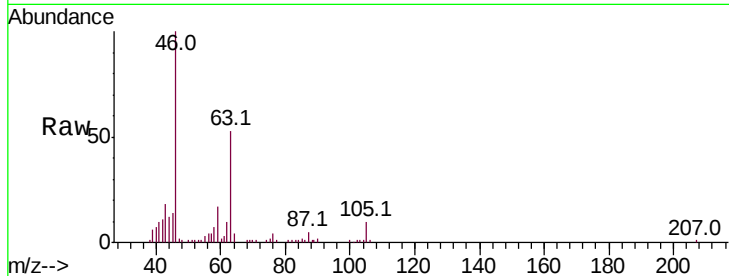




#48
 2-Hexanone
 Concen: 0.926 ug/L
 RT: 8.36 min Scan# 2260
 Delta R.T. 0.01 min
 Lab File: VU035193.D
 Acq: 15 Oct 2019 17:28

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 43 Resp: 6719
 Ion Ratio Lower Upper
 43 100
 58 49.8 44.1 66.1
 57 0.0 15.8 23.8#
 100 4.8 9.4 14.2#



#59
 1,2,3-Trichloropropane
 Concen: 0.980 ug/L
 RT: 11.47 min Scan# 3229
 Delta R.T. 1.00 min
 Lab File: VU035193.D
 Acq: 15 Oct 2019 17:28

Tgt Ion: 75 Resp: 10667
 Ion Ratio Lower Upper
 75 100
 77 35.0 26.5 39.7

