

Data File : VU033261.D
Acq On : 16 Jul 2019 12:15
Operator : JC/SP
Sample : VU0716WBL01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK12

Quant Time: Jul 17 04:48:00 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR071619WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 17 04:42:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	130315	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	136118	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	58953	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	62560	4.77	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.40%
7) Chloroethane-d5	1.67	69	54892	5.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.40%
11) 1,1-Dichloroethene-d2	2.26	63	97144	3.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.60%
20) 2-Butanone-d5	4.18	46	125059	50.57	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.14%
24) Chloroform-d	4.62	84	94559	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
26) 1,2-Dichloroethane-d4	5.29	65	50179	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.80%
32) Benzene-d6	5.32	84	187157	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.80%
36) 1,2-Dichloropropane-d6	6.31	67	59615	4.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.80%
41) Toluene-d8	7.55	98	161855	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.20%
43) trans-1,3-Dichloropropene-	7.83	79	22658	4.69	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.80%
46) 2-Hexanone-d5	8.30	63	96439	48.57	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.14%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	48341	4.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.40%
64) 1,2-Dichlorobenzene-d4	11.85	152	60026	5.23	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.60%

Target Compounds

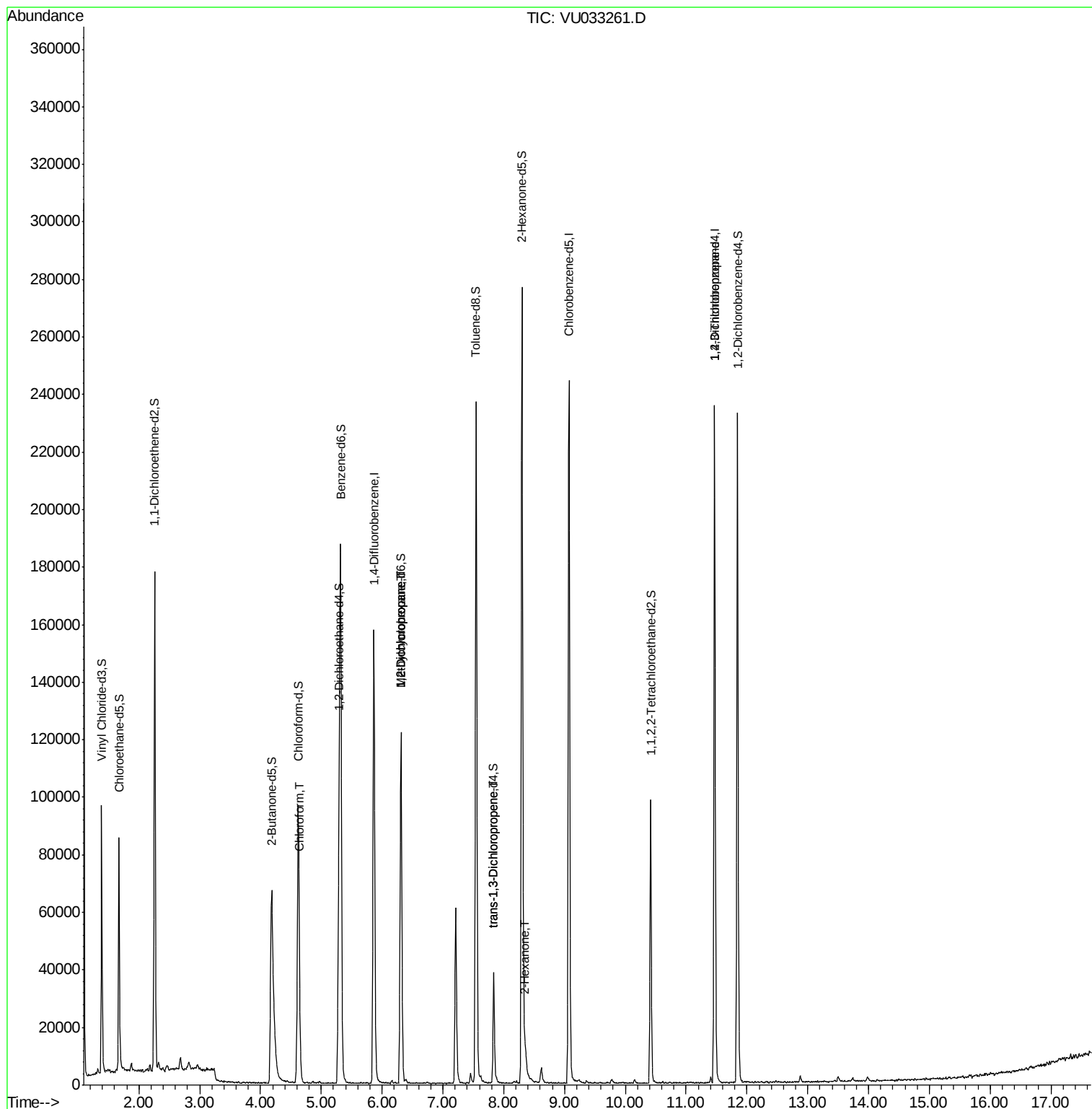
					Qvalue
25) Chloroform	4.65	83	3615	0.184 ug/L	88
35) Methylcyclohexane	6.31	83	13389	0.871 ug/L #	18
37) 1,2-Dichloropropane	6.31	63	6485	0.622 ug/L #	88
44) trans-1,3-Dichloropropene	7.84	75	1109	0.092 ug/L	93
48) 2-Hexanone	8.36	43	5566	1.274 ug/L #	90
59) 1,2,3-Trichloropropane	11.47	75	8080	1.189 ug/L	91

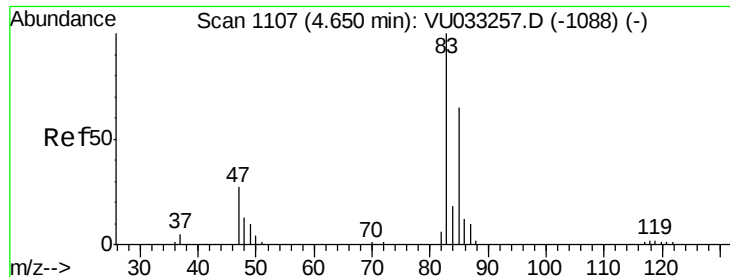
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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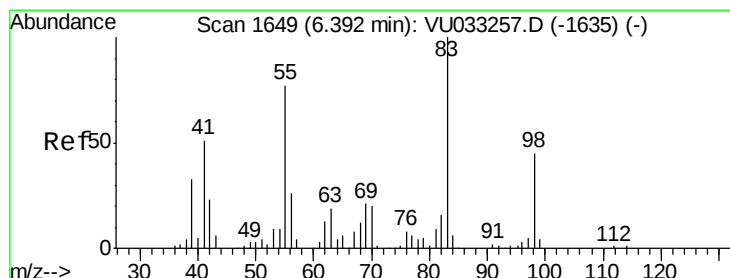
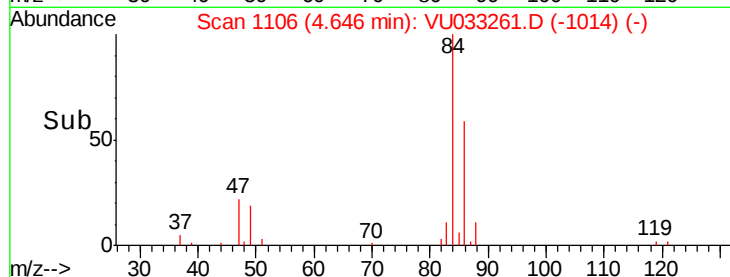
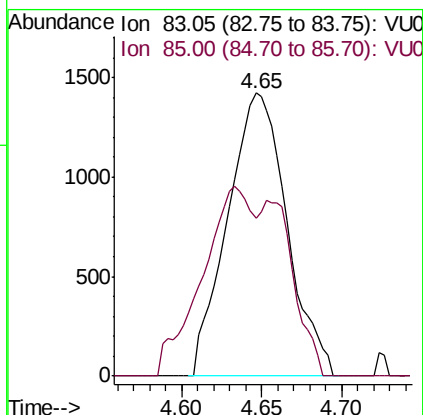
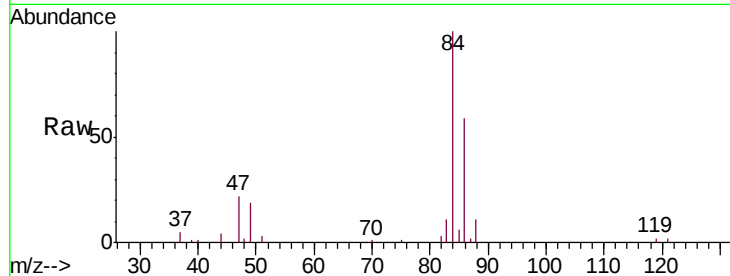




#25
Chloroform
Concen: 0.184 ug/L
RT: 4.65 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VU033261.D
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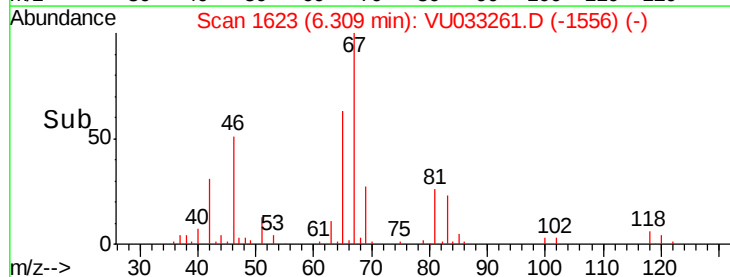
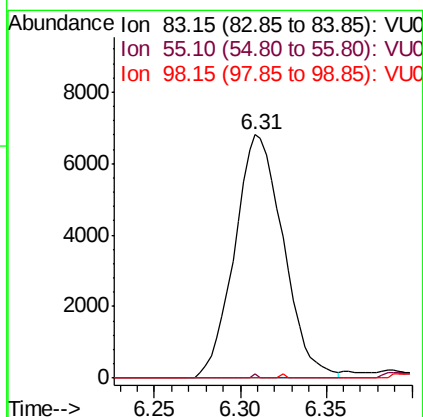
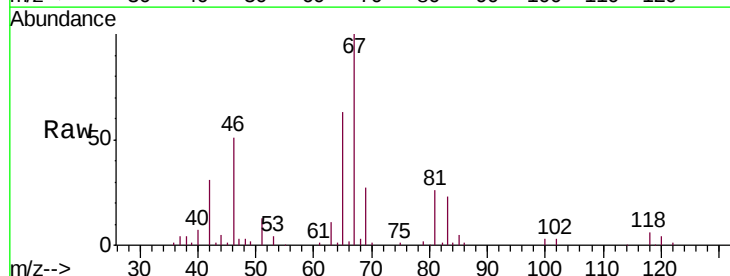
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VBLK12

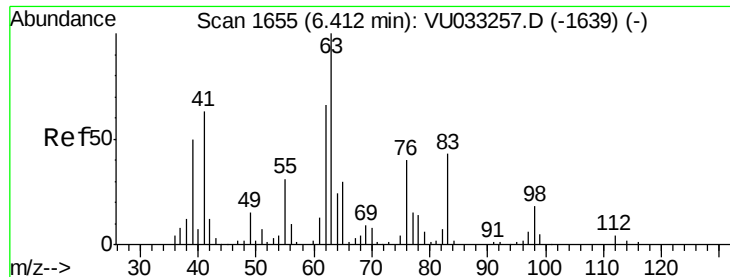
Tgt Ion: 83 Resp: 3615
Ion Ratio Lower Upper
83 100
85 55.6 45.4 84.4



#35
Methylcyclohexane
Concen: 0.871 ug/L
RT: 6.31 min Scan# 1623
Delta R.T. -0.08 min
Lab File: VU033261.D
Acq: 16 Jul 2019 12:15

Tgt Ion: 83 Resp: 13389
Ion Ratio Lower Upper
83 100
55 0.2 62.6 94.0#
98 0.2 36.2 54.2#

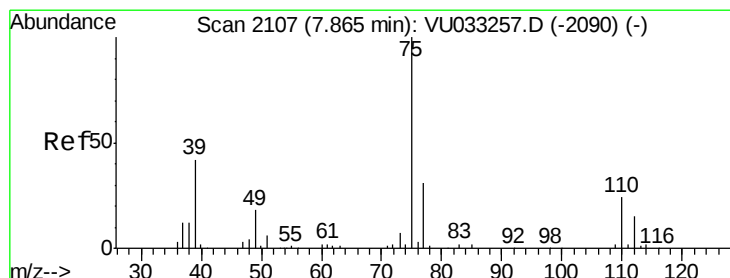
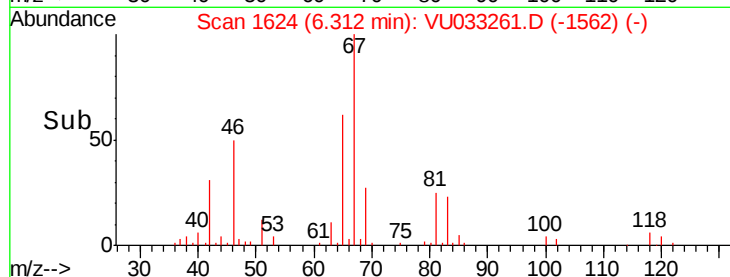
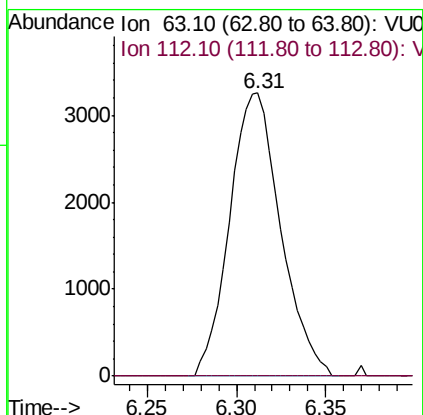
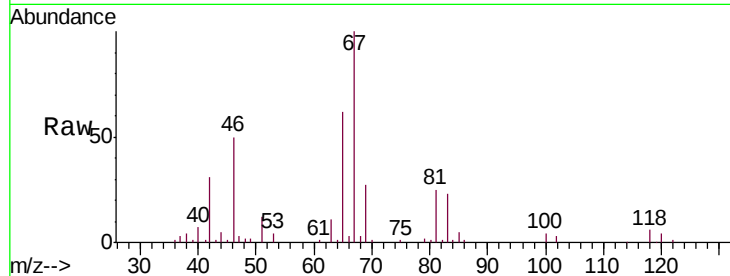




#37
 1,2-Dichloropropane
 Concen: 0.622 ug/L
 RT: 6.31 min Scan# 1624
 Delta R.T. -0.10 min
 Lab File: VU033261.D
 Acq: 16 Jul 2019 12:15

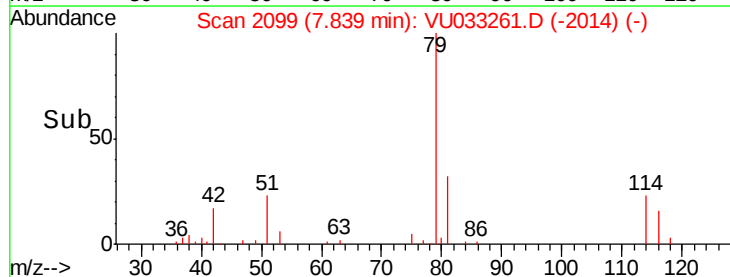
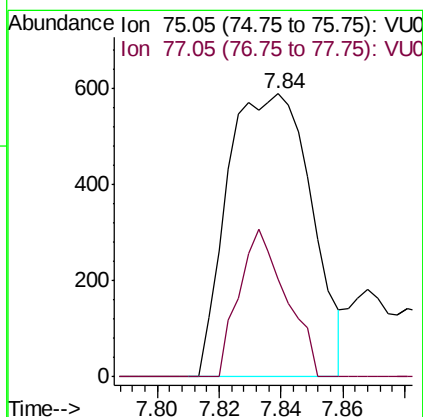
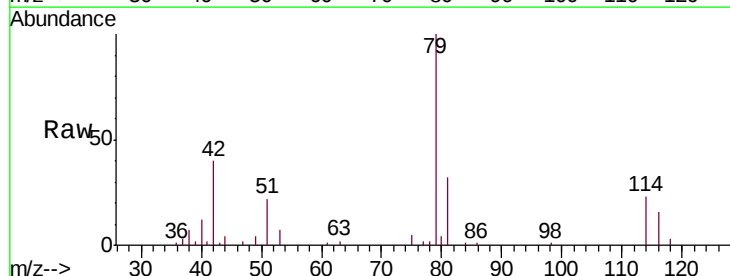
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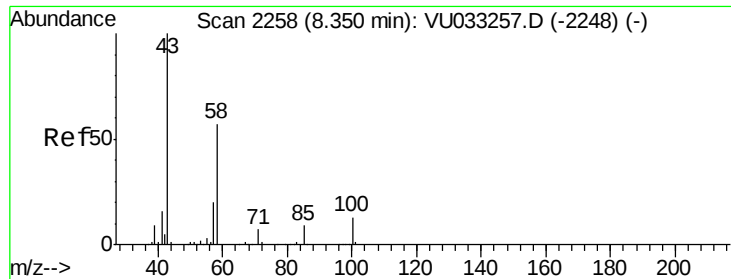
Tgt Ion: 63 Resp: 6485
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



#44
 trans-1,3-Dichloropropene
 Concen: 0.092 ug/L
 RT: 7.84 min Scan# 2099
 Delta R.T. -0.03 min
 Lab File: VU033261.D
 Acq: 16 Jul 2019 12:15

Tgt Ion: 75 Resp: 1109
 Ion Ratio Lower Upper
 75 100
 77 34.6 21.6 40.0

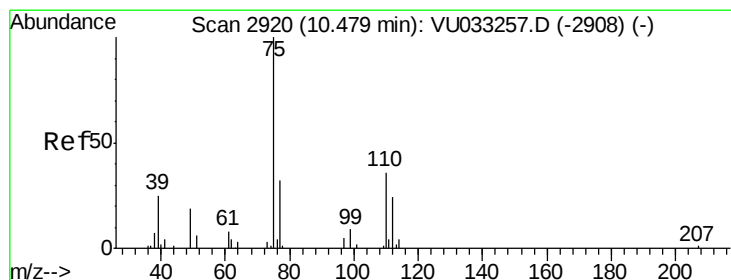
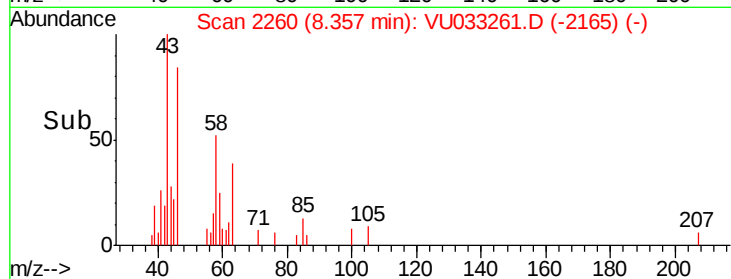
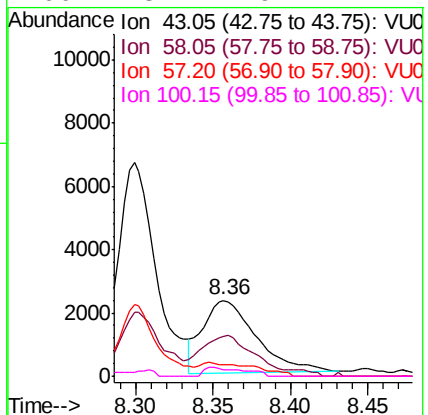
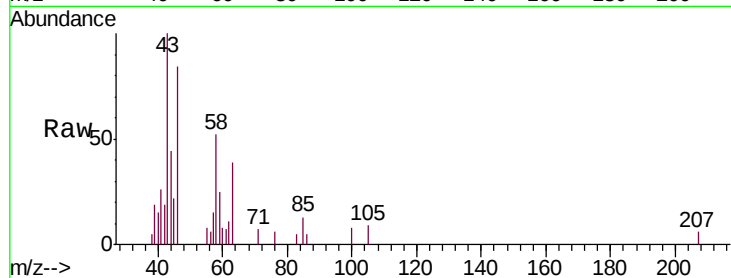




#48
 2-Hexanone
 Concen: 1.274 ug/L
 RT: 8.36 min Scan# 2260
 Delta R.T. 0.01 min
 Lab File: VU033261.D
 Acq: 16 Jul 2019 12:15

Instrument :
 MSVOA_U
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 VBLK12

Tgt Ion: 43 Resp: 5566
 Ion Ratio Lower Upper
 43 100
 58 45.4 44.1 66.1
 57 19.3 15.8 23.8
 100 8.7 9.4 14.2#



#59
 1,2,3-Trichloropropane
 Concen: 1.189 ug/L
 RT: 11.47 min Scan# 3228
 Delta R.T. 0.99 min
 Lab File: VU033261.D
 Acq: 16 Jul 2019 12:15

Tgt Ion: 75 Resp: 8080
 Ion Ratio Lower Upper
 75 100
 77 38.1 26.5 39.7

