

Data File : VU031975.D
Acq On : 13 May 2019 17:52
Operator : JC/SP
Sample : K2744-16
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F9D18

Quant Time: May 14 02:43:47 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue May 14 02:38:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	510768	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	505794	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	184085	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	109824	3.16	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	63.20%
7) Chloroethane-d5	1.67	69	114617	3.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.80%
11) 1,1-Dichloroethene-d2	2.27	63	171796	2.29	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	45.80%#
20) 2-Butanone-d5	4.19	46	514692	37.87	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	75.74%
24) Chloroform-d	4.64	84	254513	3.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	71.40%
26) 1,2-Dichloroethane-d4	5.31	65	150726	3.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	69.60%#
32) Benzene-d6	5.33	84	503336	3.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.80%
36) 1,2-Dichloropropane-d6	6.33	67	182188	3.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	76.60%
41) Toluene-d8	7.56	98	381151	3.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	68.80%#
43) trans-1,3-Dichloropropene-	7.85	79	47497	2.85	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	57.00%
46) 2-Hexanone-d5	8.31	63	359004	42.54	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.08%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	163707	4.42	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.40%
64) 1,2-Dichlorobenzene-d4	11.86	152	147381	4.84	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.80%

Target Compounds

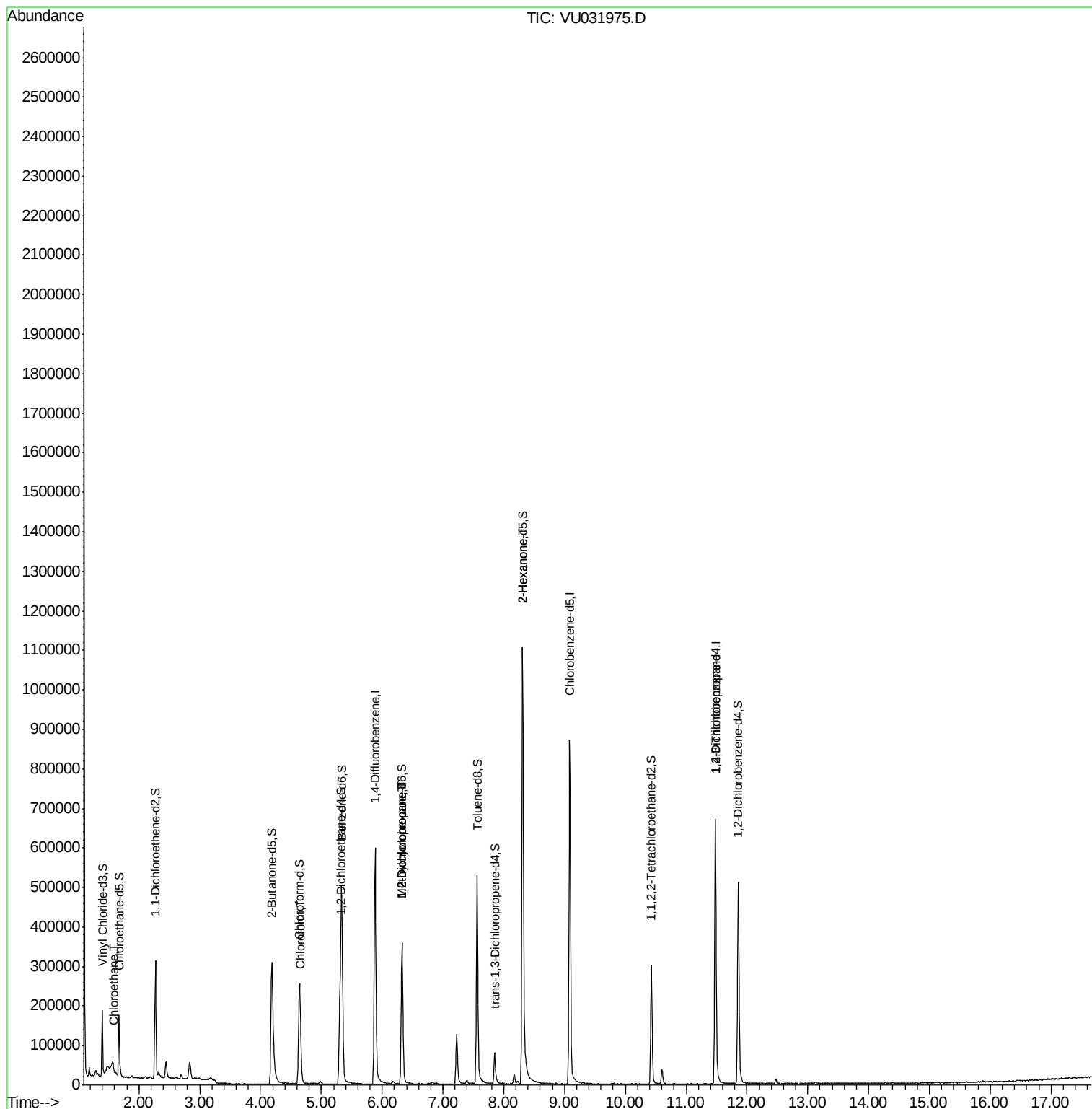
					Qvalue	
8) Chloroethane	1.59	64	4077	0.121	ug/L #	60
25) Chloroform	4.67	83	13528	0.149	ug/L	90
35) Methylcyclohexane	6.33	83	42317	0.663	ug/L #	12
37) 1,2-Dichloropropane	6.33	63	18570	0.368	ug/L #	91
48) 2-Hexanone	8.31	43	43667	1.809	ug/L #	83
59) 1,2,3-Trichloropropane	11.48	75	24135	0.808	ug/L	94

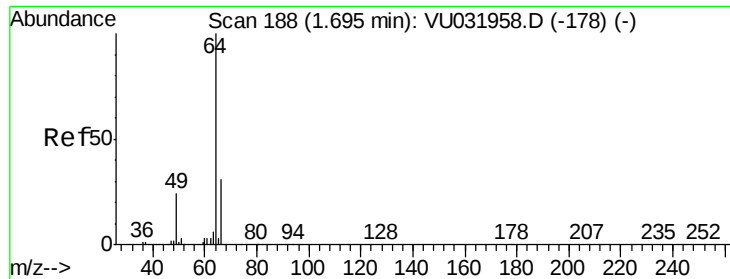
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 0.121 ug/L

RT: 1.59 min Scan# 157

Delta R.T. -0.10 min

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MSVOA_U

ClientSampleId :

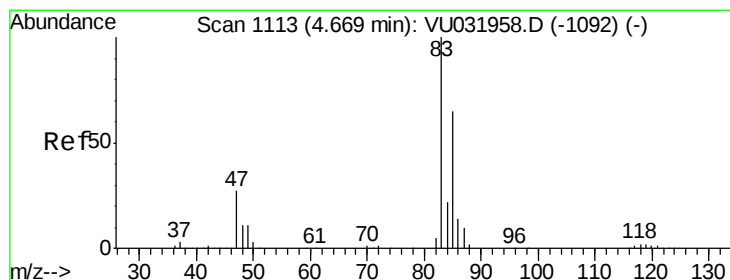
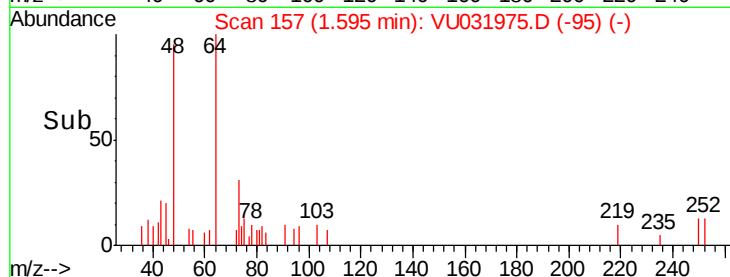
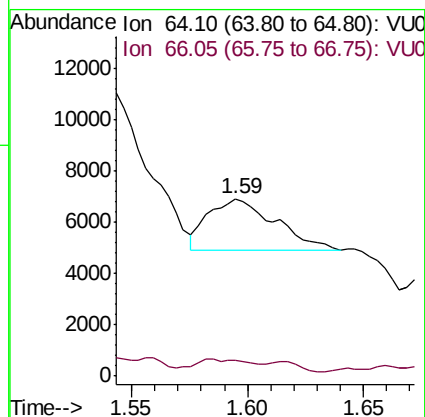
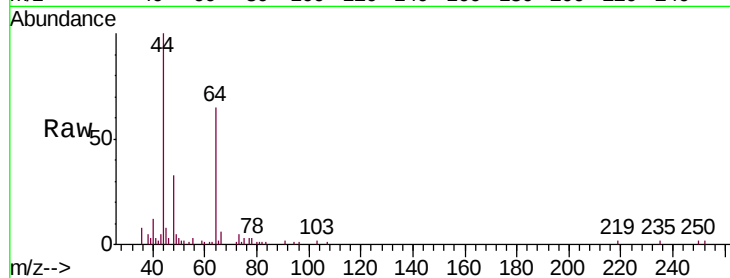
F9D18

Tgt Ion: 64 Resp: 4077

Ion Ratio Lower Upper

64 100

66 9.2 21.9 40.7#



#25

Chloroform

Concen: 0.149 ug/L

RT: 4.67 min Scan# 1112

Delta R.T. -0.00 min

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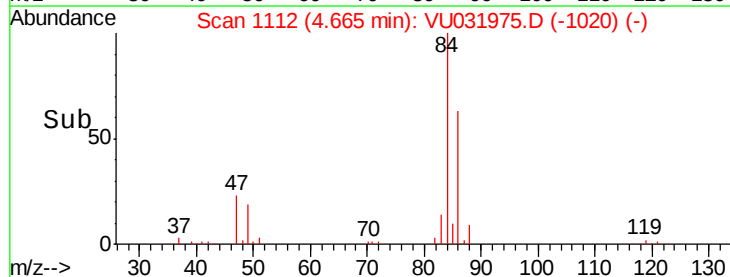
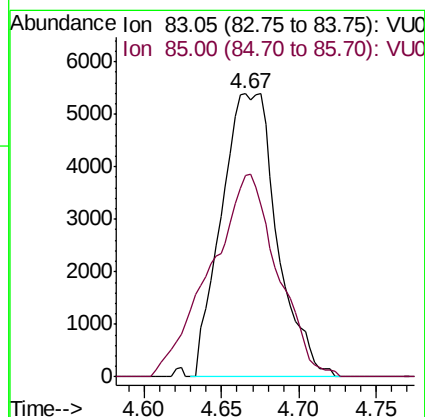
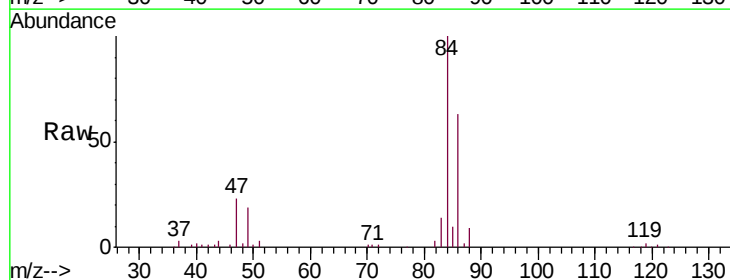
Acq: 13 May 2019 17:52

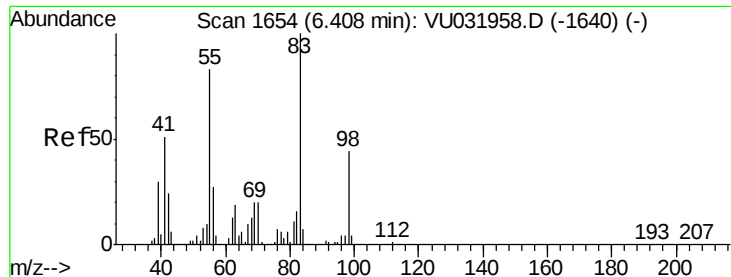
Tgt Ion: 83 Resp: 13528

Ion Ratio Lower Upper

83 100

85 71.4 44.4 82.5

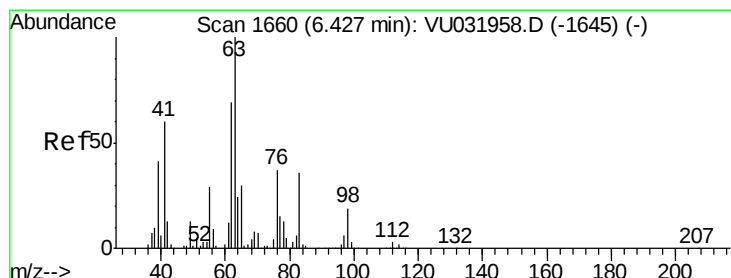
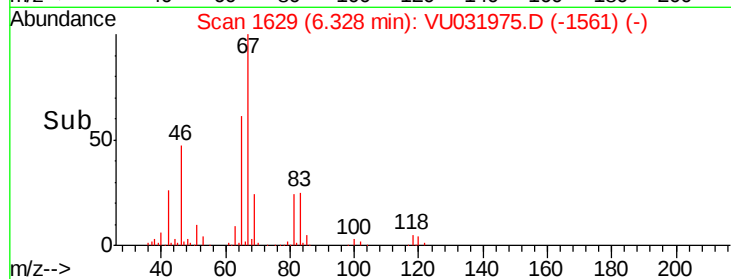
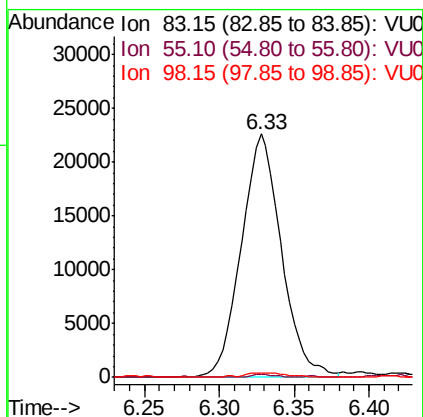
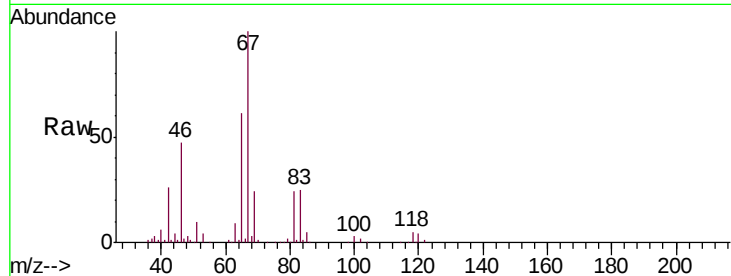




#35
Methylcyclohexane
Concen: 0.663 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.08 min
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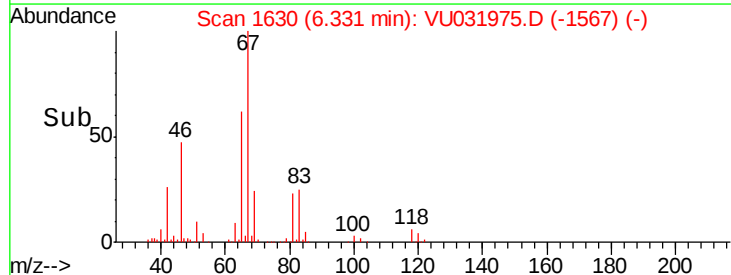
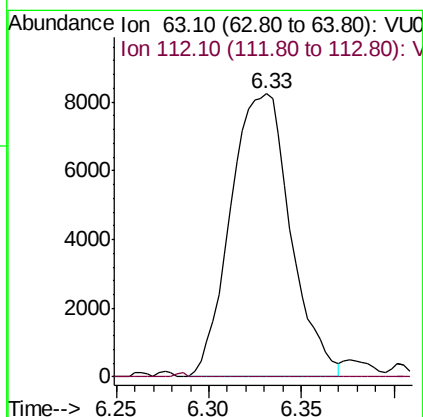
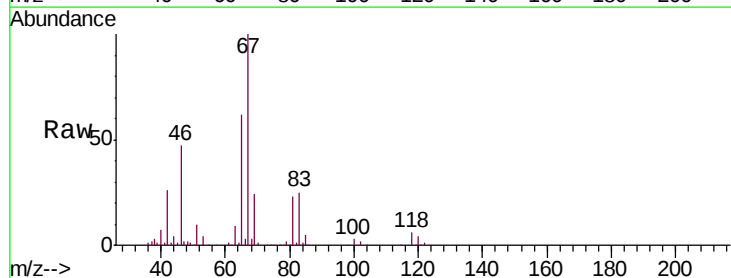
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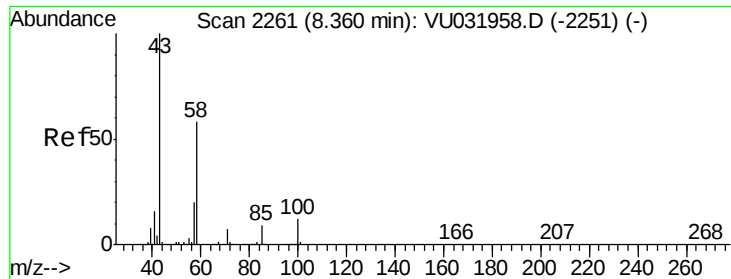
Tgt Ion: 83 Resp: 42317
Ion Ratio Lower Upper
83 100
55 0.6 79.2 118.8#
98 1.9 34.0 51.0#



#37
1,2-Dichloropropane
Concen: 0.368 ug/L
RT: 6.33 min Scan# 1630
Delta R.T. -0.10 min
Lab File: VU031975.D
Acq: 13 May 2019 17:52

Tgt Ion: 63 Resp: 18570
Ion Ratio Lower Upper
63 100
112 0.2 2.5 3.7#

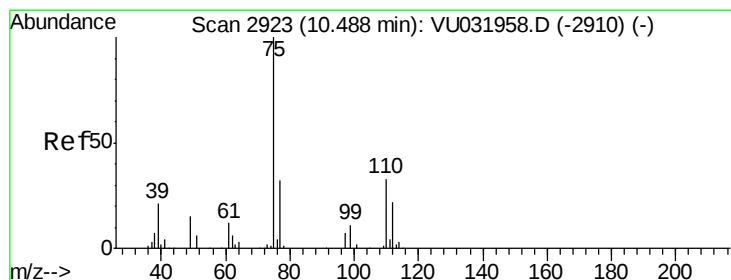
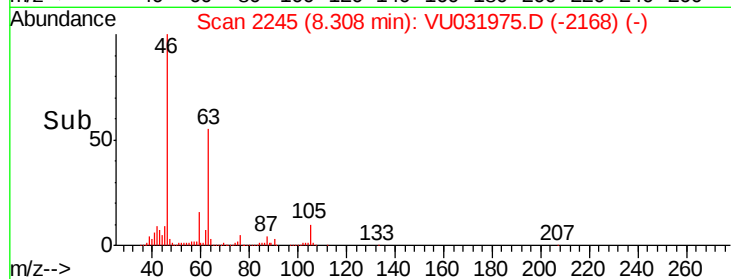
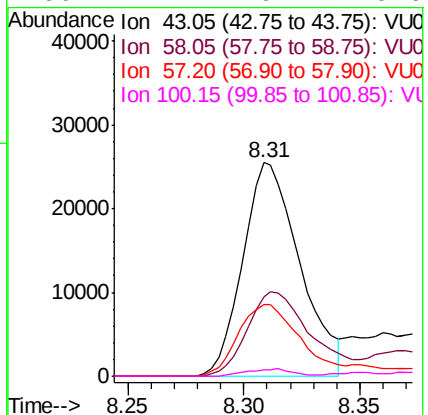
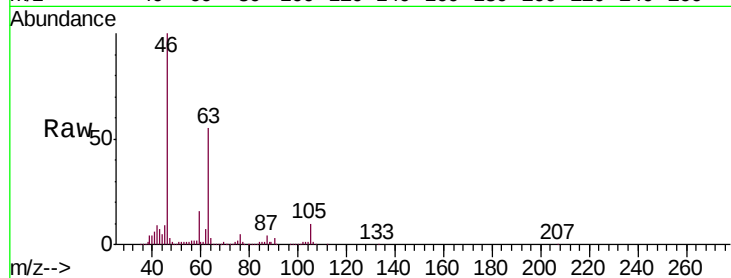




#48
 2-Hexanone
 Concen: 1.809 ug/L
 RT: 8.31 min Scan# 2245
 Delta R.T. -0.05 min
 Lab File: VU031975.D
 Acq: 13 May 2019 17:52

Instrument :
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Tgt Ion:	43	Resp:	43667
Ion	Ratio	Lower	Upper
43	100		
58	44.8	40.2	60.2
57	36.5	13.8	20.6#
100	2.7	6.4	9.6#



#59
 1,2,3-Trichloropropane
 Concen: 0.808 ug/L
 RT: 11.48 min Scan# 3231
 Delta R.T. 0.99 min
 Lab File: VU031975.D
 Acq: 13 May 2019 17:52

Tgt Ion:	75	Resp:	24135
Ion	Ratio	Lower	Upper
75	100		
77	36.2	26.3	39.5

