

Data File : VU035013.D
Acq On : 09 Oct 2019 17:32
Operator : JC/SP
Sample : K5262-15
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFBB6

Quant Time: Oct 10 04:49:11 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100319WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Oct 10 04:46:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	367848	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	352953	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	125707	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	136726	46.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.48%
7) Chloroethane-d5	1.68	69	112793	50.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.22%
11) 1,1-Dichloroethene-d2	2.26	63	194706	37.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.54%
21) 2-Butanone-d5	4.15	46	198057	90.94	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.94%
24) Chloroform-d	4.62	84	226433	47.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.22%
26) 1,2-Dichloroethane-d4	5.29	65	159922	49.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.00%
32) Benzene-d6	5.32	84	500494	50.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.84%
36) 1,2-Dichloropropane-d6	6.31	67	164457	50.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.40%
41) Toluene-d8	7.55	98	446587	47.97	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.94%
43) trans-1,3-Dichloropropene-	7.83	79	64107	43.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.38%
47) 2-Hexanone-d5	8.30	63	136362	87.77	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.77%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	228721	49.15	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.30%
64) 1,2-Dichlorobenzene-d4	11.84	152	140241	54.34	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.68%

Target Compounds

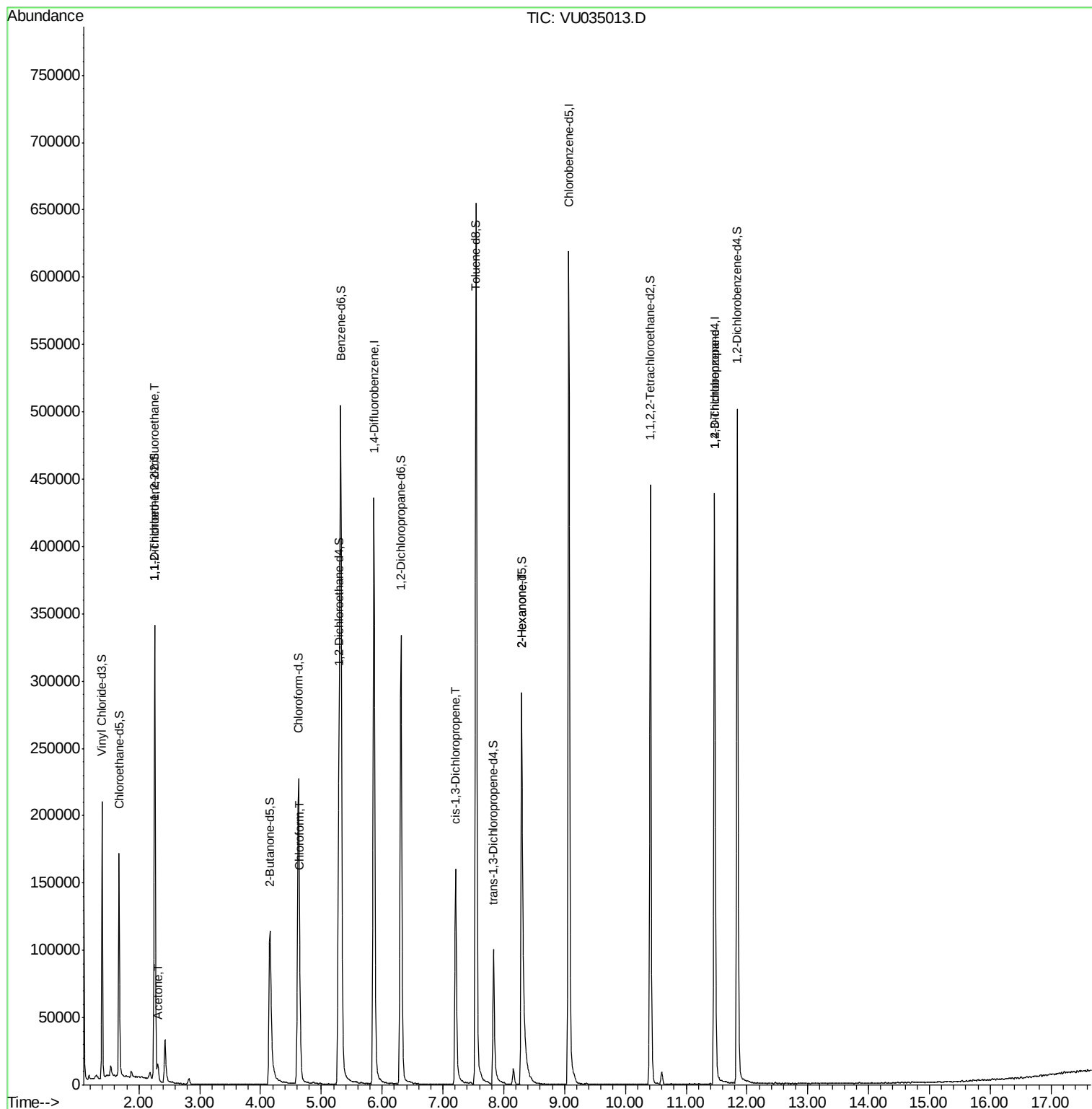
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	1609	0.731 ug/L #	20
13) Acetone	2.31	43	12086	5.861 ug/L	98
25) Chloroform	4.65	83	14470	2.974 ug/L	98
39) cis-1,3-Dichloropropene	7.21	75	4282	0.984 ug/L #	72
48) 2-Hexanone	8.29	43	15338	4.522 ug/L #	70
59) 1,2,3-Trichloropropane	11.47	75	16579	4.463 ug/L	94

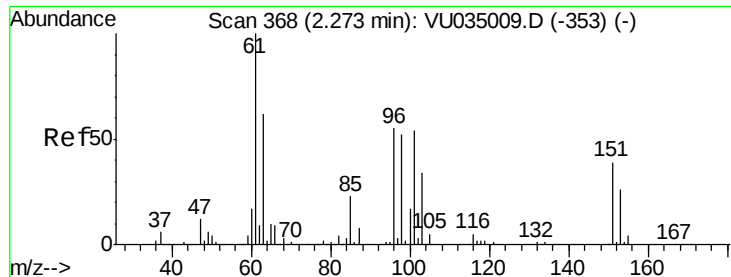
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.731 ug/L

RT: 2.26 min Scan# 364

Delta R.T. -0.01 min

Lab File: VU035013.D

Acq: 09 Oct 2019 17:32

Instrument :

MSVOA_U

ClientSampled :

BFBB6

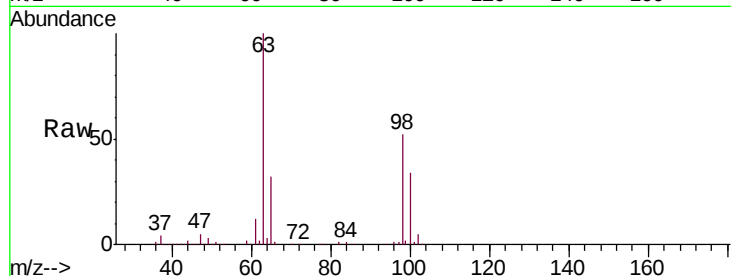
Tgt Ion: 101 Resp: 1609

Ion Ratio Lower Upper

101 100

85 0.0 35.9 53.9#

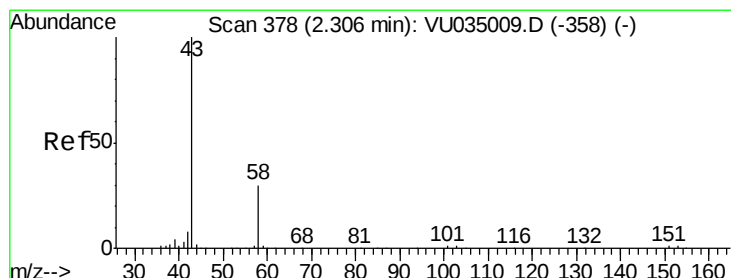
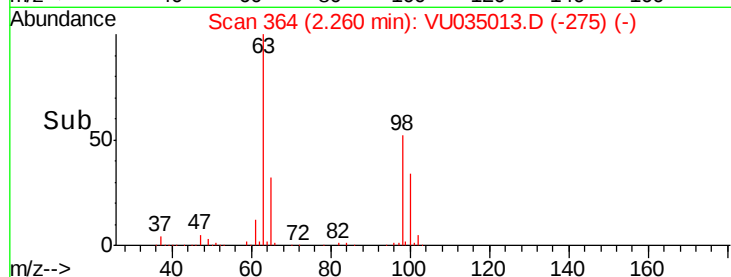
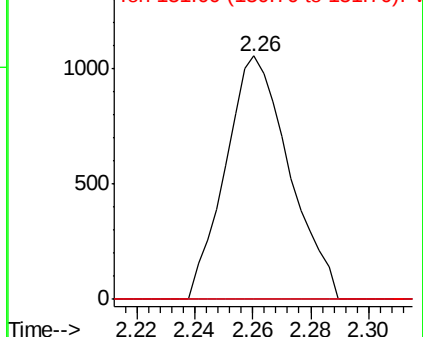
151 0.0 59.0 88.4#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#13

Acetone

Concen: 5.861 ug/L

RT: 2.31 min Scan# 379

Delta R.T. 0.00 min

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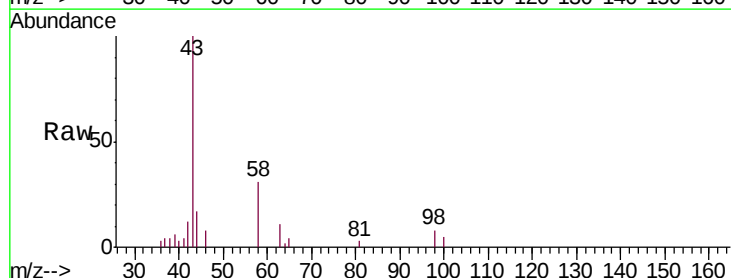
Acq: 09 Oct 2019 17:32

Tgt Ion: 43 Resp: 12086

Ion Ratio Lower Upper

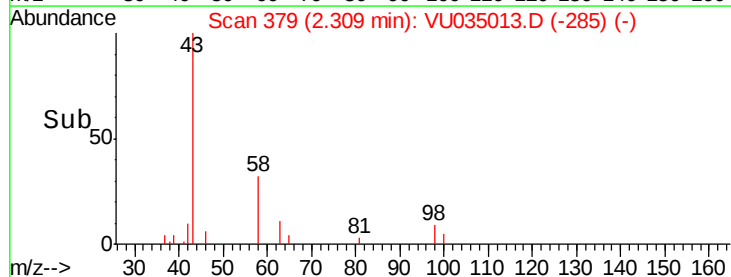
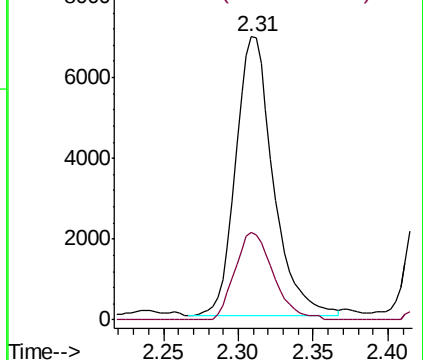
43 100

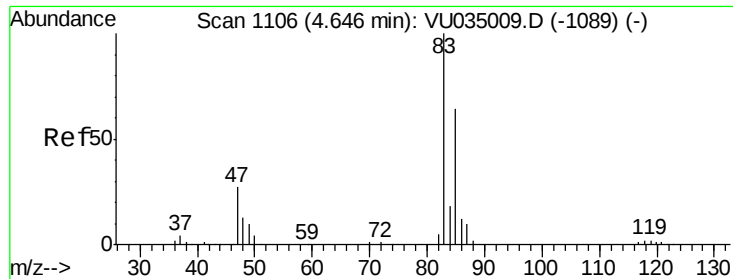
58 32.0 0.0 61.4



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

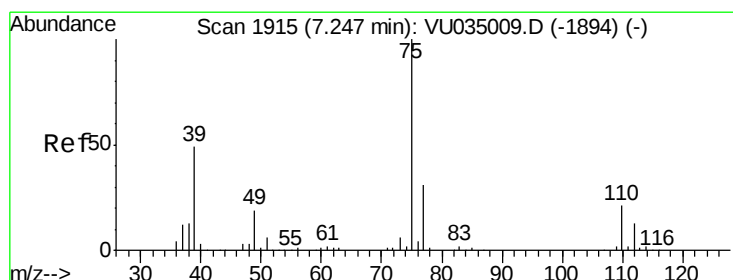
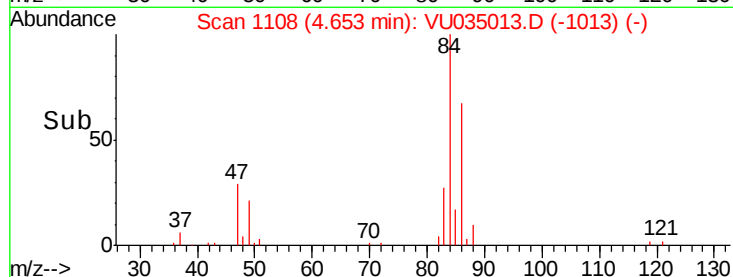
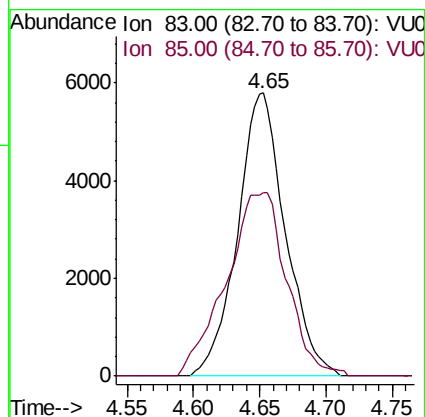
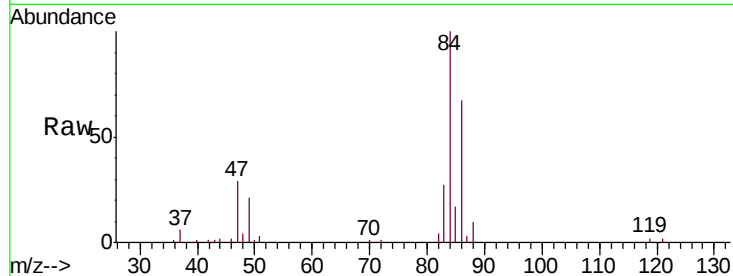




#25
Chloroform
Concen: 2.974 ug/L
RT: 4.65 min Scan# 1108
Delta R.T. 0.01 min
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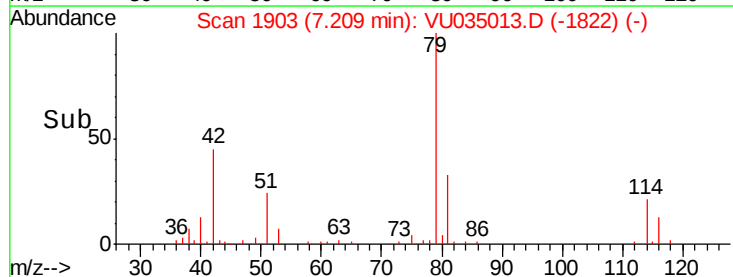
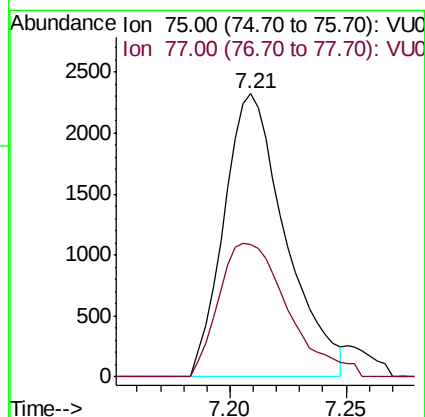
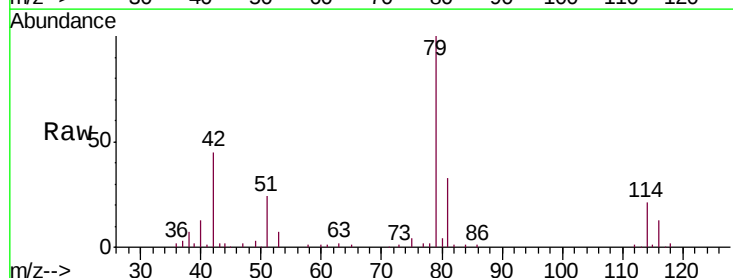
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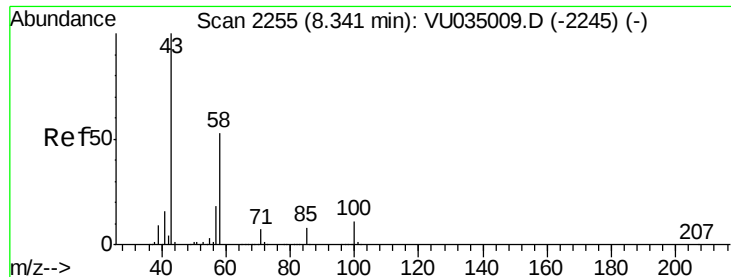
Tgt Ion: 83 Resp: 14470
Ion Ratio Lower Upper
83 100
85 64.7 44.2 82.2



#39
cis-1,3-Dichloropropene
Concen: 0.984 ug/L
RT: 7.21 min Scan# 1903
Delta R.T. -0.04 min
Lab File: VU035013.D
Acq: 09 Oct 2019 17:32

Tgt Ion: 75 Resp: 4282
Ion Ratio Lower Upper
75 100
77 46.9 22.0 40.8#

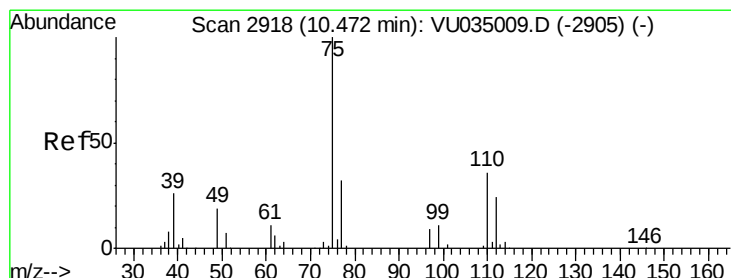
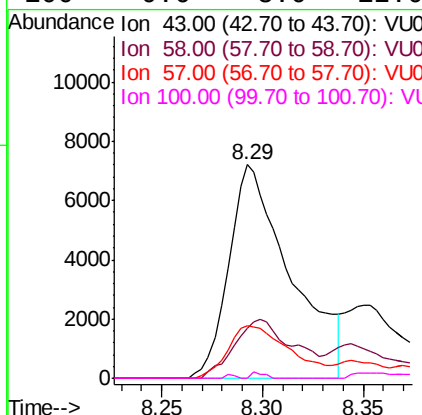
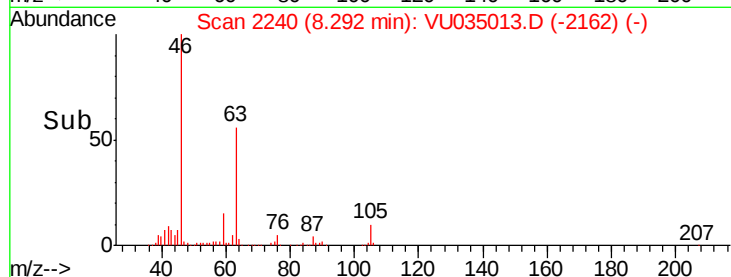
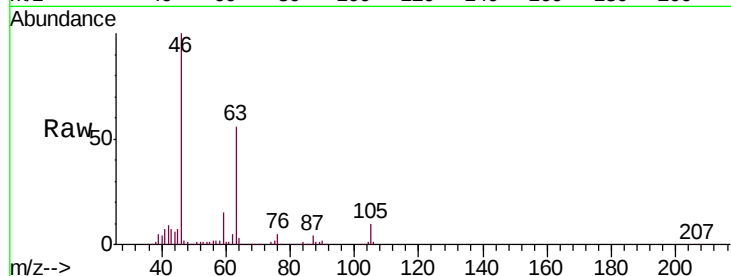




#48
 2-Hexanone
 Concen: 4.522 ug/L
 RT: 8.29 min Scan# 2240
 Delta R.T. -0.05 min
 Lab File: VU035013.D
 Acq: 09 Oct 2019 17:32

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 ClientSampleId :
 BFBB6

Tgt Ion: 43 Resp: 15338
 Ion Ratio Lower Upper
 43 100
 58 26.4 40.8 61.2#
 57 25.0 14.0 21.0#
 100 0.6 8.0 12.0#



#59
 1,2,3-Trichloropropane
 Concen: 4.463 ug/L
 RT: 11.47 min Scan# 3227
 Delta R.T. 0.99 min
 Lab File: VU035013.D
 Acq: 09 Oct 2019 17:32

Tgt Ion: 75 Resp: 16579
 Ion Ratio Lower Upper
 75 100
 77 35.3 25.7 38.5

