

Data File : VU030055.D
Acq On : 14 Mar 2019 01:09
Operator : JC/SP
Sample : K1885-17
Misc : 5.43g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF1K1ME

Quant Time: Mar 14 03:56:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031319WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 14 03:50:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	530157	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	523149	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	272653	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	110045	31.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	62.76%
7) Chloroethane-d5	1.64	69	54623	19.30	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	38.60%#
11) 1,1-Dichloroethene-d2	2.23	63	154003	24.33	ug/L	-0.05
Spiked Amount	50.000	Range	60 - 125	Recovery	=	48.66%#
21) 2-Butanone-d5	4.19	46	240664	91.60	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.60%
24) Chloroform-d	4.64	84	243261	38.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	77.34%
26) 1,2-Dichloroethane-d4	5.30	65	153540	42.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.50%
32) Benzene-d6	5.33	84	509301	37.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	75.64%
36) 1,2-Dichloropropane-d6	6.32	67	167833	40.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	81.44%
41) Toluene-d8	7.56	98	451664	35.82	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	71.64%#
43) trans-1,3-Dichloropropene-	7.85	79	76563	38.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.70%
47) 2-Hexanone-d5	8.32	63	233247	101.14	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.14%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	309380	48.85	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.70%
64) 1,2-Dichlorobenzene-d4	11.86	152	221891	42.01	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.02%

Target Compounds

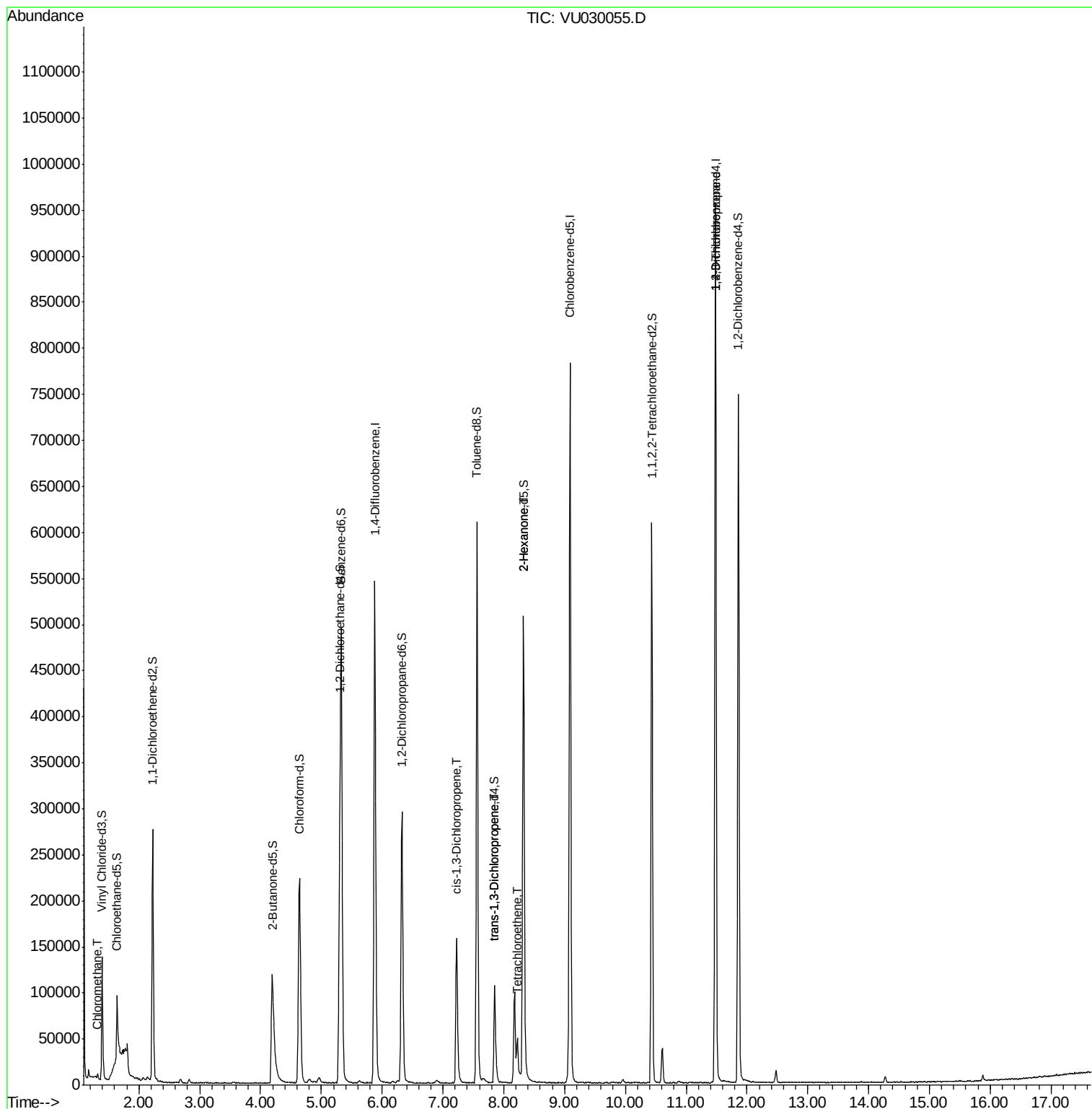
					Qvalue
3) Chloromethane	1.32	50	3643	0.986 ug/L	95
39) cis-1,3-Dichloropropene	7.22	75	3541	0.578 ug/L #	71
44) trans-1,3-Dichloropropene	7.85	75	3051	0.545 ug/L	93
46) Tetrachloroethene	8.22	164	10995	3.202 ug/L	96
48) 2-Hexanone	8.32	43	22021	4.855 ug/L #	49
59) 1,2,3-Trichloropropane	11.48	75	28028	5.465 ug/L	99

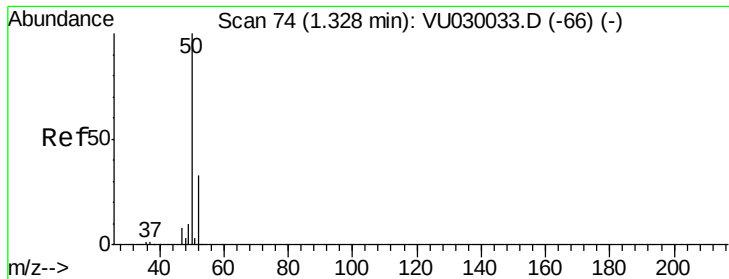
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.986 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.01 min

Lab File: VU030055.D

Acq: 14 Mar 2019 01:09

Instrument :

MSVOA_U

ClientSampleId :

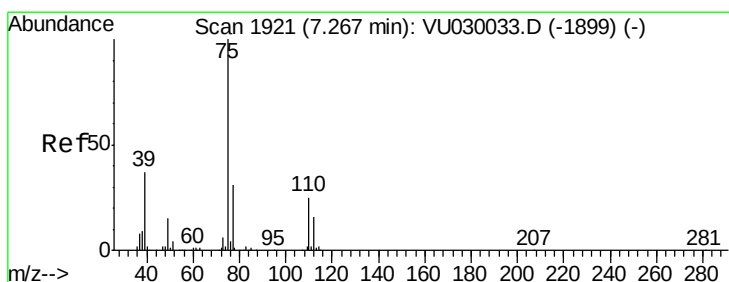
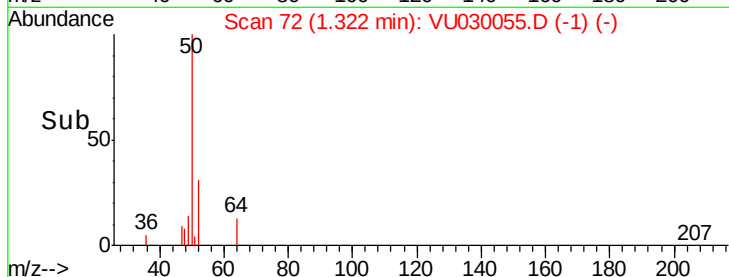
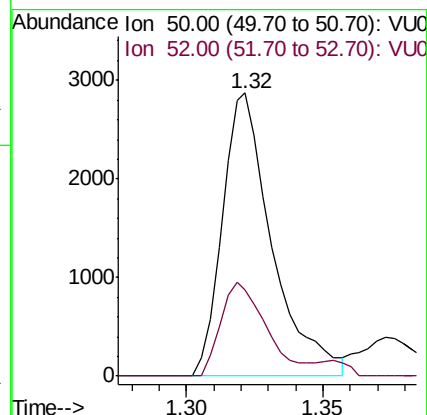
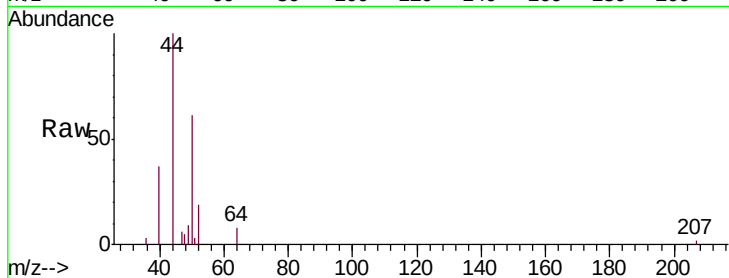
BF1K1ME

Tgt Ion: 50 Resp: 3643

Ion Ratio Lower Upper

50 100

52 30.5 23.4 43.6



#39

cis-1,3-Dichloropropene

Concen: 0.578 ug/L

RT: 7.22 min Scan# 1908

Delta R.T. -0.04 min

Lab File: VU030055.D

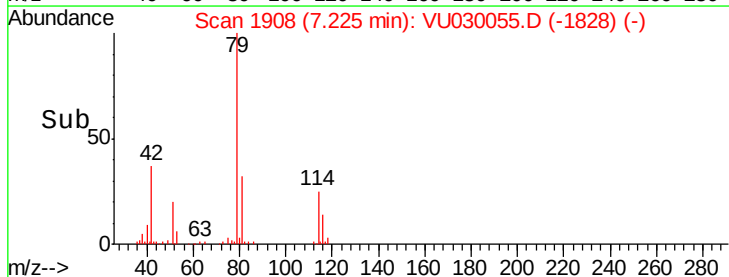
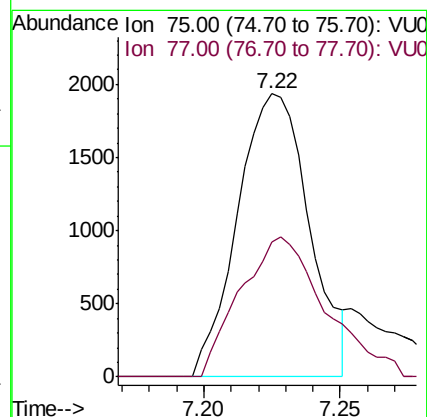
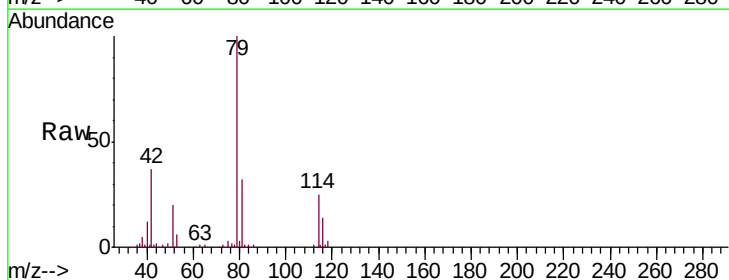
Acq: 14 Mar 2019 01:09

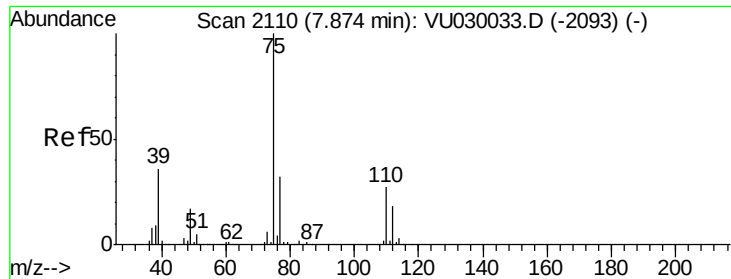
Tgt Ion: 75 Resp: 3541

Ion Ratio Lower Upper

75 100

77 47.6 22.2 41.2#





#44

trans-1,3-Dichloropropene

Concen: 0.545 ug/L

RT: 7.85 min Scan# 2103

Delta R.T. -0.02 min

Lab File: VU030055.D

Acq: 14 Mar 2019 01:09

Instrument :

MSVOA_U

ClientSampleId :

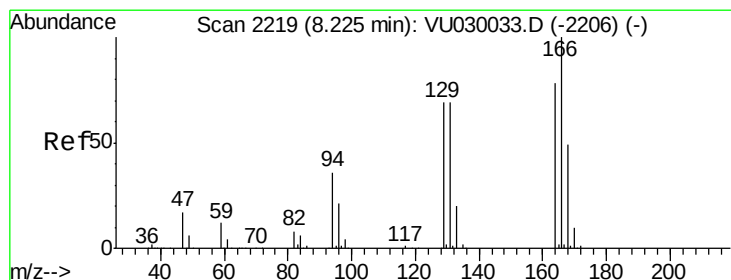
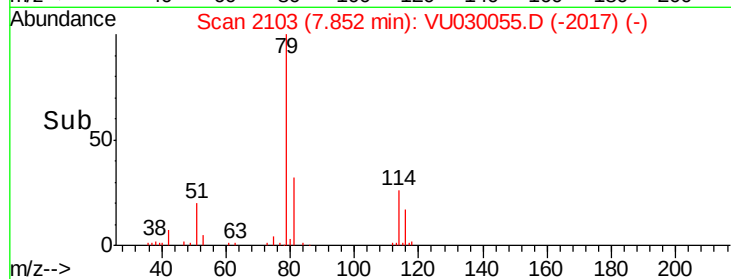
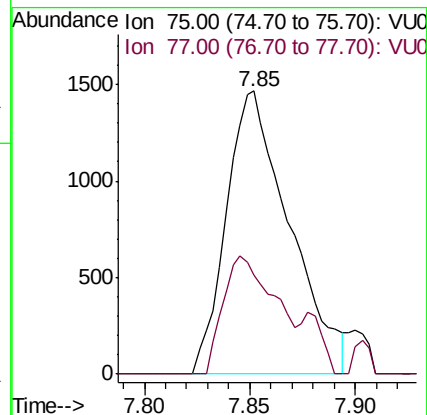
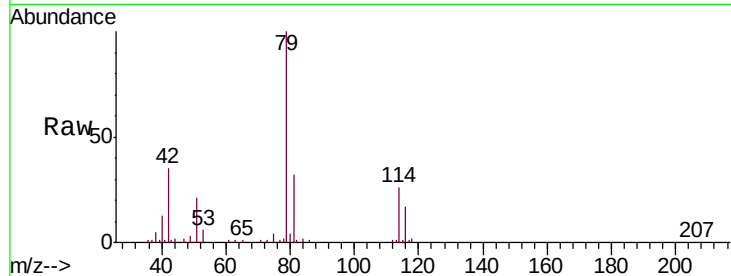
BF1K1ME

Tgt Ion: 75 Resp: 3051

Ion Ratio Lower Upper

75 100

77 35.1 21.9 40.7



#46

Tetrachloroethene

Concen: 3.202 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU030055.D

Acq: 14 Mar 2019 01:09

Tgt Ion: 164 Resp: 10995

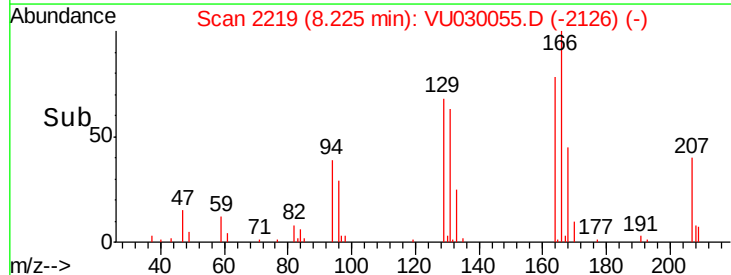
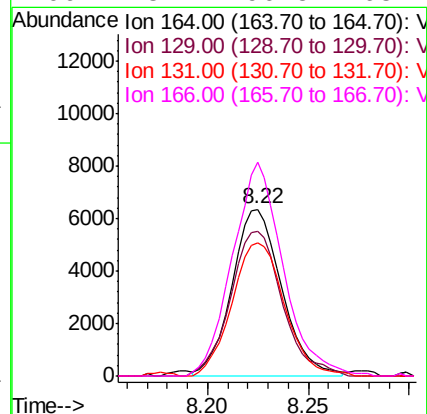
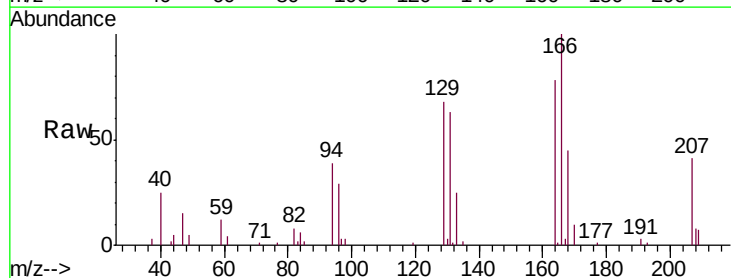
Ion Ratio Lower Upper

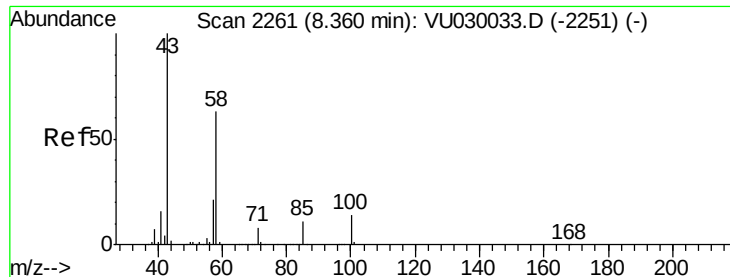
164 100

129 86.5 63.3 117.7

131 80.2 62.0 115.2

166 128.1 90.5 168.1

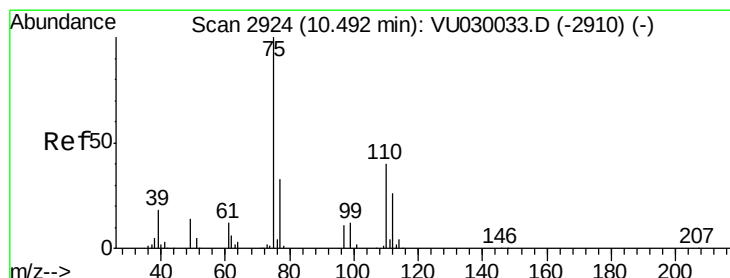
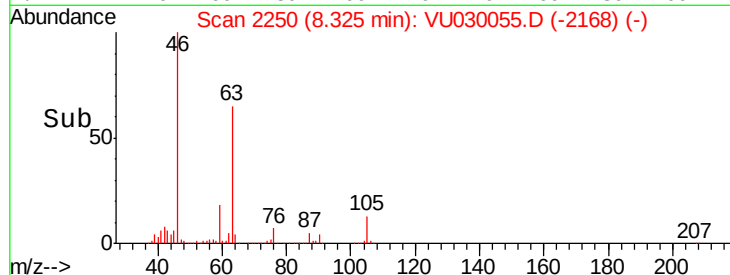
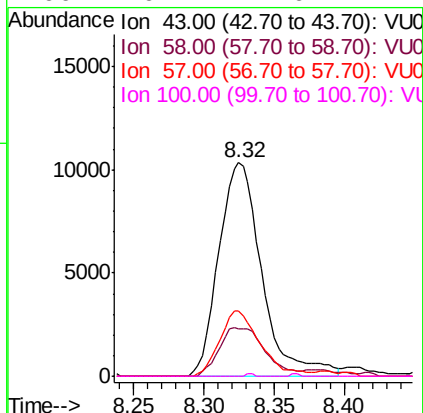
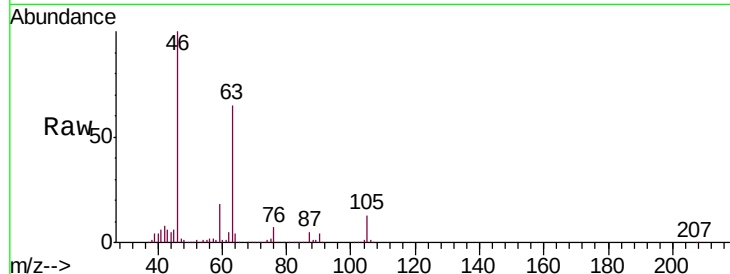




#48
 2-Hexanone
 Concen: 4.855 ug/L
 RT: 8.32 min Scan# 2250
 Delta R.T. -0.04 min
 Lab File: VU030055.D
 Acq: 14 Mar 2019 01:09

Instrument :
 MSVOA_U
 ClientSampleId :
 BF1K1ME

Tgt Ion: 43 Resp: 22021
 Ion Ratio Lower Upper
 43 100
 58 11.1 48.6 72.8#
 57 28.7 16.1 24.1#
 100 0.2 11.6 17.4#



#59
 1,2,3-Trichloropropane
 Concen: 5.465 ug/L
 RT: 11.48 min Scan# 3232
 Delta R.T. 0.99 min
 Lab File: VU030055.D
 Acq: 14 Mar 2019 01:09

Tgt Ion: 75 Resp: 28028
 Ion Ratio Lower Upper
 75 100
 77 33.0 25.8 38.8

