

Data File : VU029959.D
Acq On : 10 Mar 2019 19:08
Operator : JC/SP
Sample : K1818-18
Misc : 5.63g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF0R8

Quant Time: Mar 11 07:16:10 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031119WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Mar 11 07:10:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	594146	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	590662	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	299592	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	141097	38.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.84%
7) Chloroethane-d5	1.80	69	188	0.06	ug/L	0.13
Spiked Amount	50.000	Range	70 - 130	Recovery	=	0.12%#
11) 1,1-Dichloroethene-d2	2.33	63	71	0.01	ug/L	0.06
Spiked Amount	50.000	Range	60 - 125	Recovery	=	0.02%#
21) 2-Butanone-d5	4.20	46	249089	88.69	ug/L	0.03
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.69%
24) Chloroform-d	4.64	84	279001	39.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.10%
26) 1,2-Dichloroethane-d4	5.30	65	173087	41.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.74%
32) Benzene-d6	5.33	84	611083	41.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.04%
36) 1,2-Dichloropropane-d6	6.32	67	191381	43.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.10%
41) Toluene-d8	7.56	98	580568	41.11	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.22%
43) trans-1,3-Dichloropropene-	7.85	79	86936	40.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.82%
47) 2-Hexanone-d5	8.32	63	221836	92.74	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.74%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	320816	45.70	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.40%
64) 1,2-Dichlorobenzene-d4	11.86	152	251353	42.78	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.56%

Target Compounds

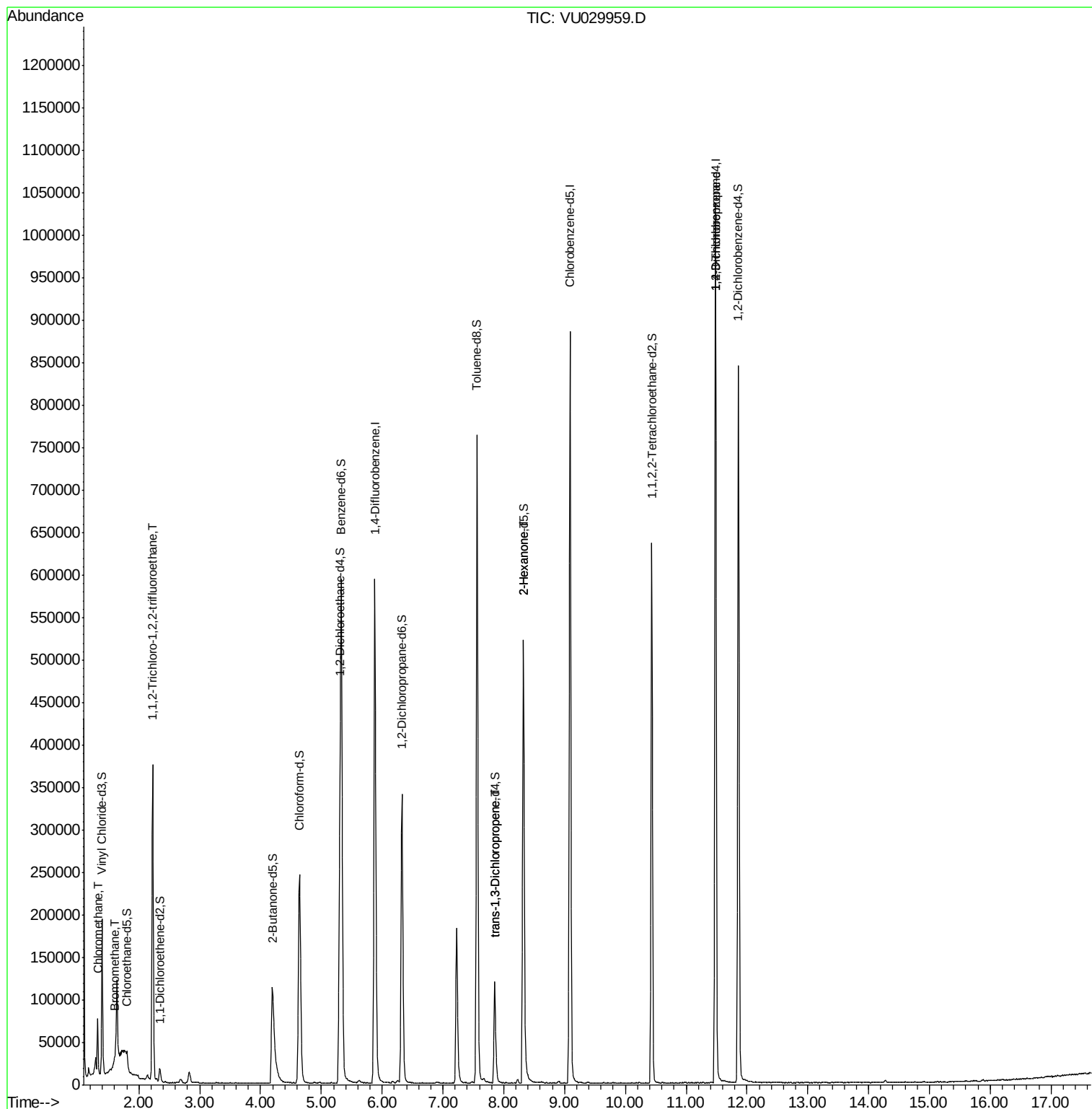
						Qvalue
3) Chloromethane	1.32	50	47881	7.984	ug/L	97
6) Bromomethane	1.60	94	2996	2.432	ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.23	101	2213	0.584	ug/L #	19
44) trans-1,3-Dichloropropene	7.85	75	3516	0.631	ug/L	88
48) 2-Hexanone	8.32	43	23603	5.092	ug/L #	65
59) 1,2,3-Trichloropropane	11.48	75	29741	5.457	ug/L	93

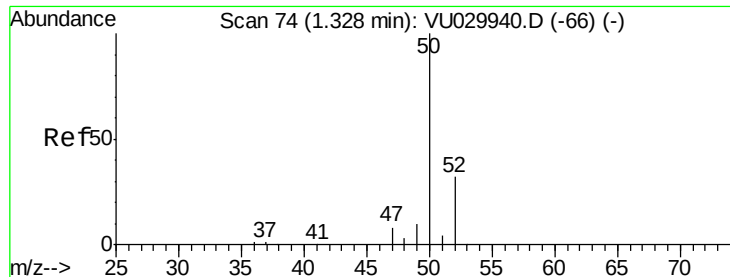
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 7.984 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.01 min

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Acq: 10 Mar 2019 19:08

Instrument :

MSVOA_U

ClientSampleId :

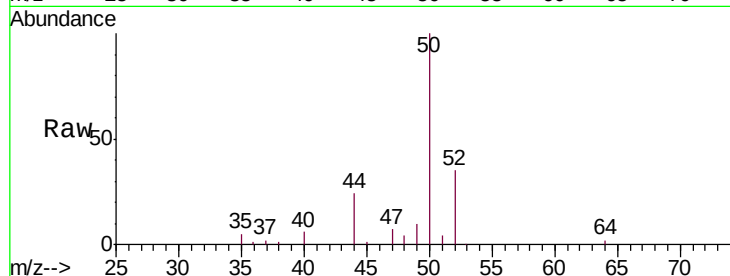
BF0R8

Tgt Ion: 50 Resp: 47881

Ion Ratio Lower Upper

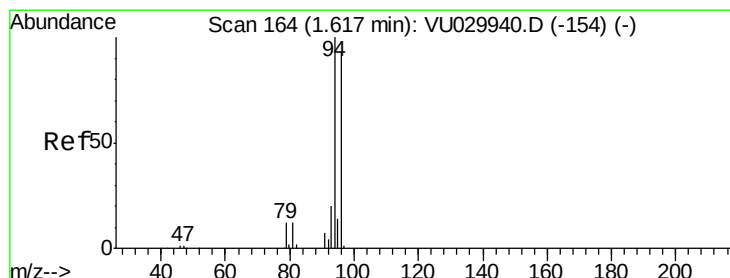
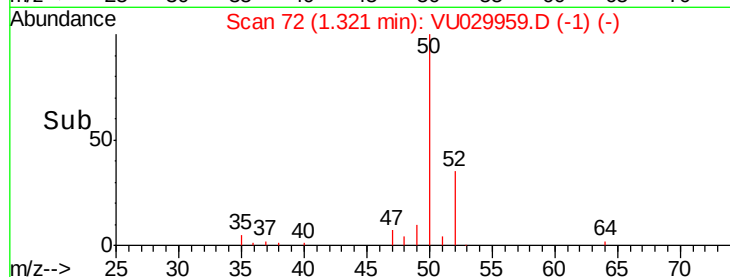
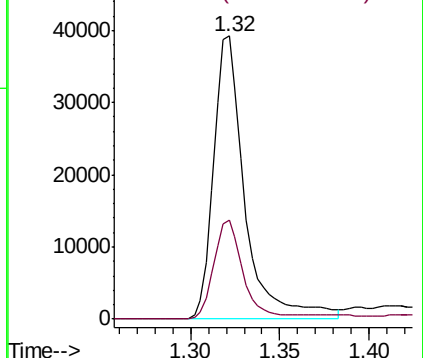
50 100

52 34.9 23.1 42.9



Abundance Ion 50.00 (49.70 to 50.70): VU0

Ion 52.00 (51.70 to 52.70): VU0



#6

Bromomethane

Concen: 2.432 ug/L

RT: 1.60 min Scan# 158

Delta R.T. -0.02 min

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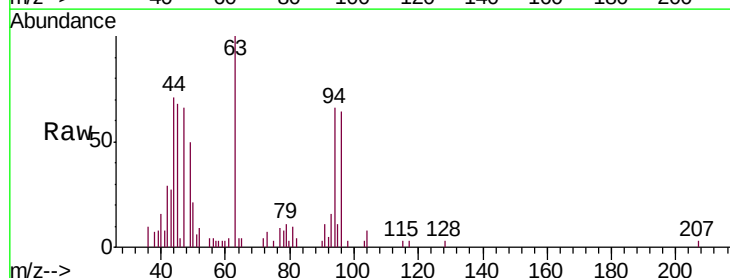
Acq: 10 Mar 2019 19:08

Tgt Ion: 94 Resp: 2996

Ion Ratio Lower Upper

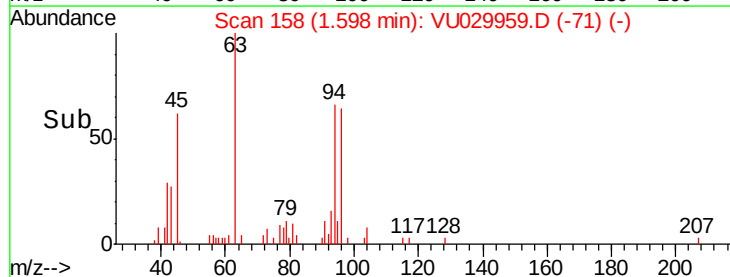
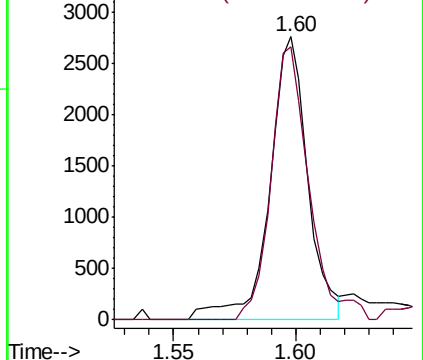
94 100

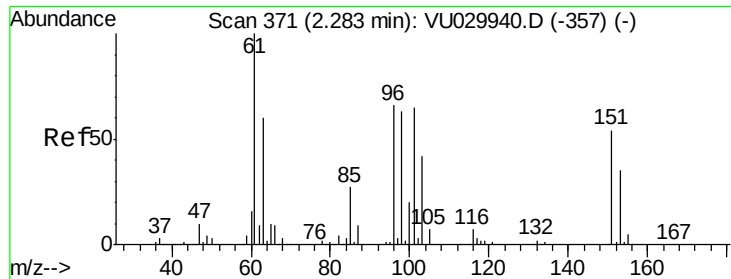
96 96.5 65.7 121.9



Abundance Ion 94.00 (93.70 to 94.70): VU0

Ion 96.00 (95.70 to 96.70): VU0





#10

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

Concen: 0.584 ug/L

RT: 2.23 min Scan# 354

Delta R.T. -0.05 min

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Instrument :

MSVOA_U

ClientSampleId :

BF0R8

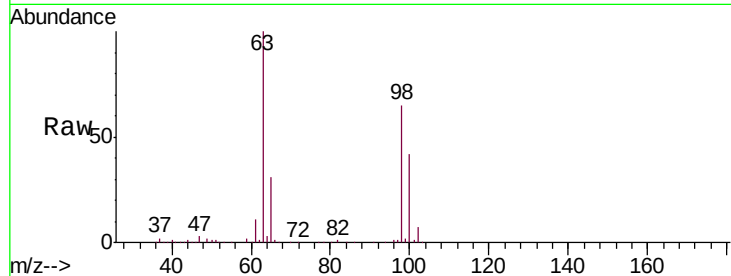
Tgt Ion: 101 Resp: 2213

Ion Ratio Lower Upper

101 100

85 1.9 33.4 50.2#

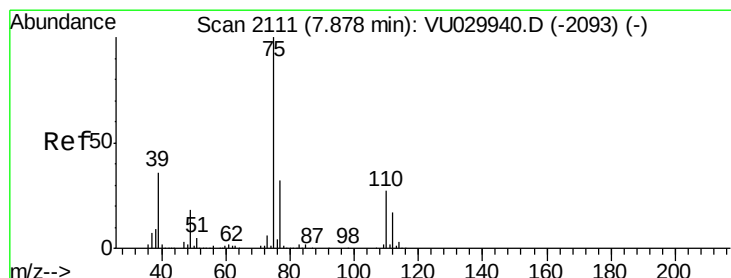
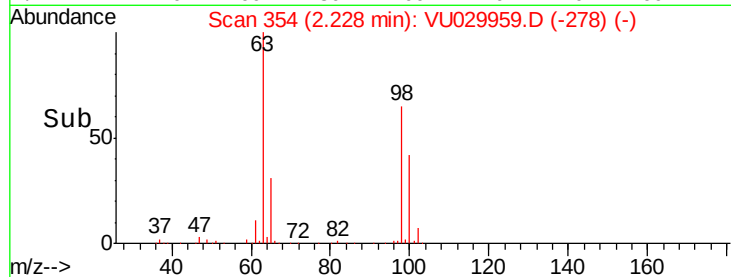
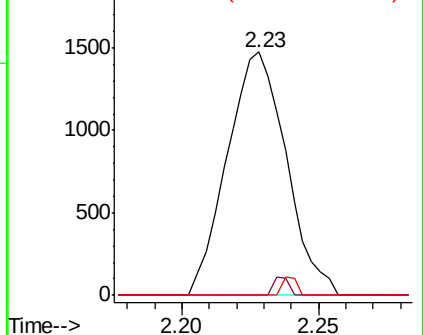
151 1.9 65.8 98.6#



Abundance Ion 101.00 (100.70 to 101.70): V

2000 Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#44

trans-1,3-Dichloropropene

Concen: 0.631 ug/L

RT: 7.85 min Scan# 2103

Delta R.T. -0.03 min

Lab File: VU029959.D

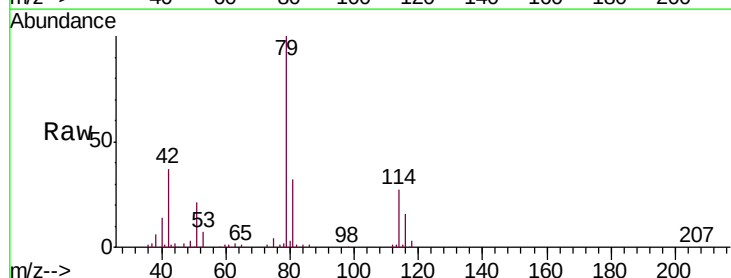
Acq: 10 Mar 2019 19:08

Tgt Ion: 75 Resp: 3516

Ion Ratio Lower Upper

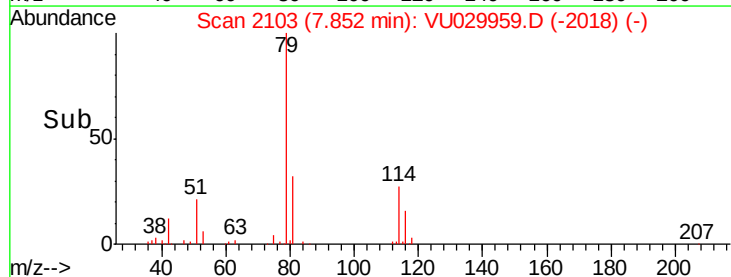
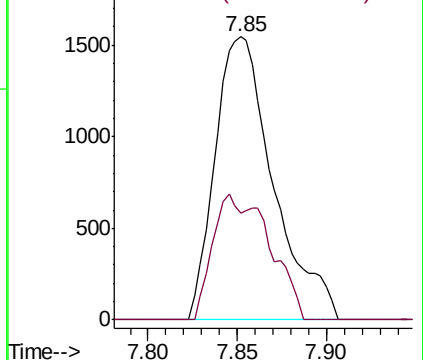
75 100

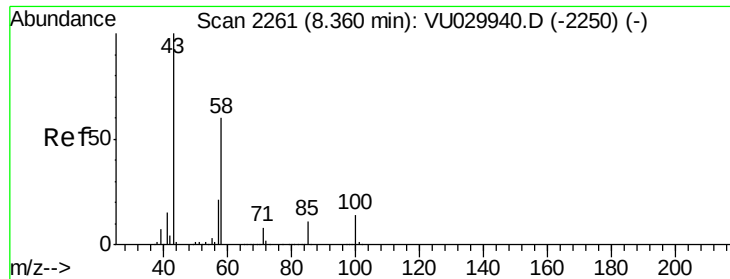
77 37.7 21.8 40.6



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

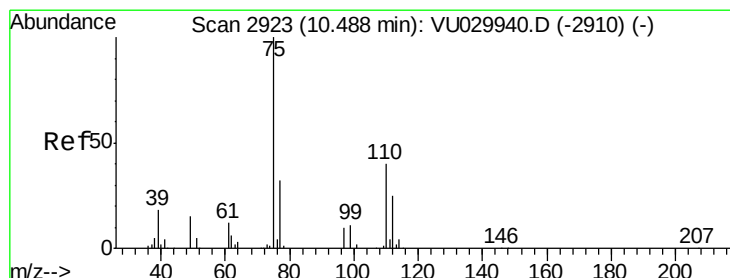
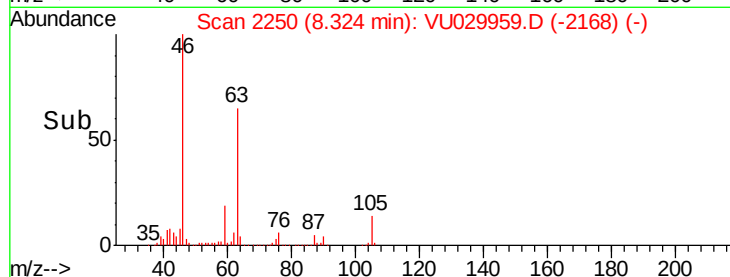
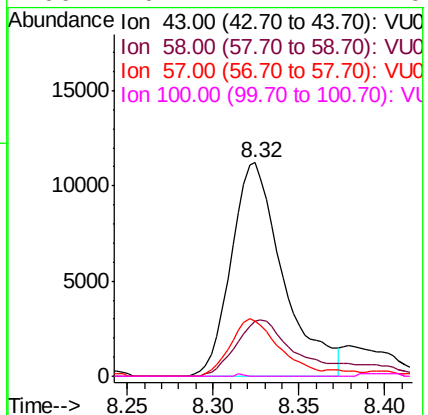
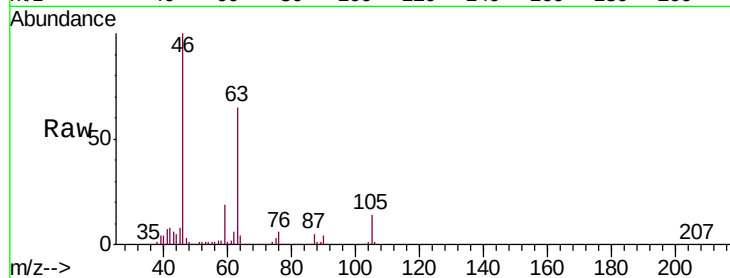




#48
 2-Hexanone
 Concen: 5.092 ug/L
 RT: 8.32 min Scan# 2250
 Delta R.T. -0.04 min
 Lab File: VU029959.D
 Acq: 10 Mar 2019 19:08

Instrument :
 MSVOA_U
 ClientSampleId :
 BF0R8

Tgt Ion: 43 Resp: 23603
 Ion Ratio Lower Upper
 43 100
 58 28.5 49.2 73.8#
 57 25.2 16.6 25.0#
 100 0.2 11.4 17.0#



#59
 1,2,3-Trichloropropane
 Concen: 5.457 ug/L
 RT: 11.48 min Scan# 3232
 Delta R.T. 0.99 min
 Lab File: VU029959.D
 Acq: 10 Mar 2019 19:08

Tgt Ion: 75 Resp: 29741
 Ion Ratio Lower Upper
 75 100
 77 36.7 26.1 39.1

