

Data File : VU030154.D
Acq On : 16 Mar 2019 18:49
Operator : JC/SP
Sample : K1936-15
Misc : 5.74g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFOX3

Quant Time: Mar 18 04:29:50 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031319WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Mar 18 04:23:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	604745	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	615842	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	322347	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	89383	22.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	44.70%#
7) Chloroethane-d5	1.64	69	46370	14.36	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	28.72%#
11) 1,1-Dichloroethene-d2	2.23	63	127247	17.62	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	35.24%#
21) 2-Butanone-d5	4.19	46	168178	56.12	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	56.12%
24) Chloroform-d	4.64	84	184745	25.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	51.50%#
26) 1,2-Dichloroethane-d4	5.30	65	113841	27.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	54.92%#
32) Benzene-d6	5.33	84	392133	24.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	49.48%#
36) 1,2-Dichloropropane-d6	6.32	67	125464	25.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	51.72%#
41) Toluene-d8	7.56	98	348015	23.44	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	46.88%#
43) trans-1,3-Dichloropropene-	7.85	79	56351	23.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	47.96%#
47) 2-Hexanone-d5	8.32	63	156234	57.55	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	57.55%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	222757	29.88	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	59.76%#
64) 1,2-Dichlorobenzene-d4	11.86	152	169755	27.18	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	54.36%#

Target Compounds

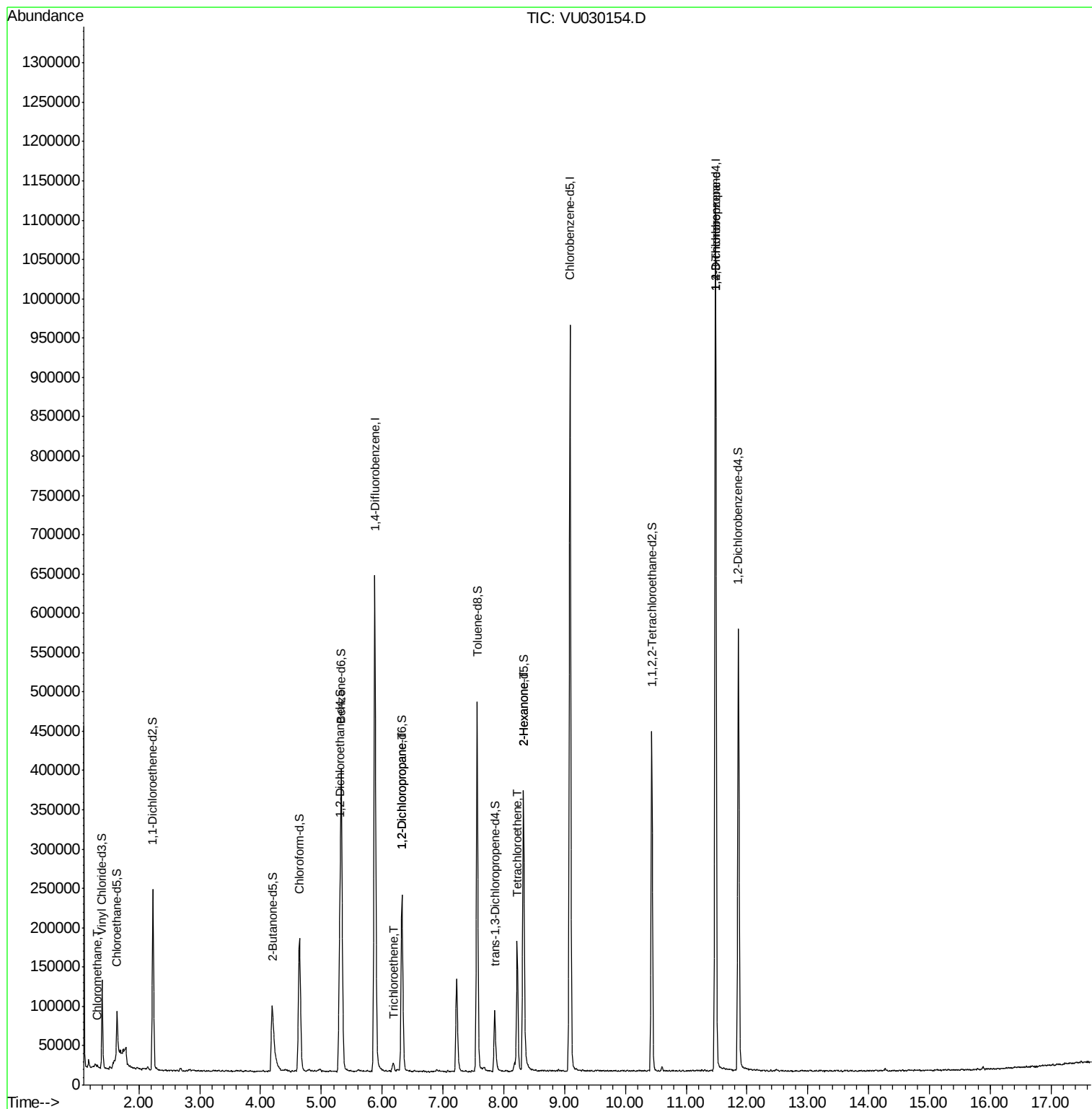
					Qvalue
3) Chloromethane	1.32	50	3078	0.730 ug/L	83
34) Trichloroethene	6.18	95	4285	0.928 ug/L	84
37) 1,2-Dichloropropane	6.33	63	12825	2.767 ug/L #	87
46) Tetrachloroethene	8.22	164	40644	10.056 ug/L	97
48) 2-Hexanone	8.32	43	15399	2.884 ug/L #	59
59) 1,2,3-Trichloropropane	11.48	75	32607	5.401 ug/L	95

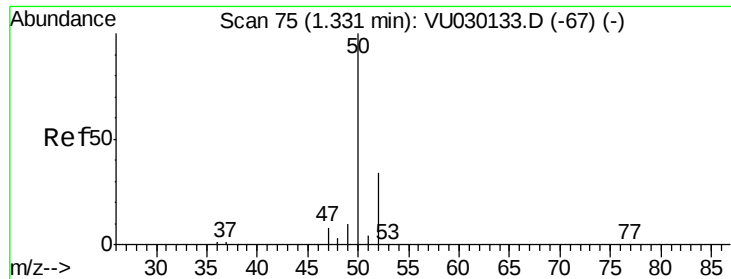
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.730 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.01 min

Lab File: VU030154.D

Acq: 16 Mar 2019 18:49

Instrument :

MSVOA_U

ClientSampleId :

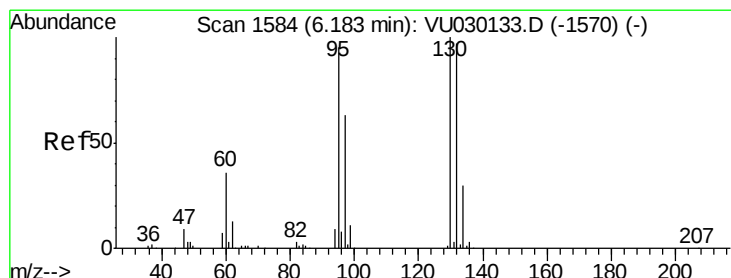
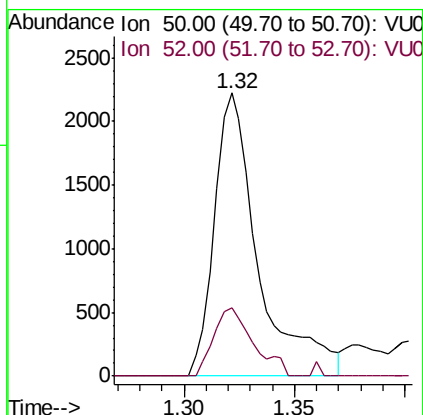
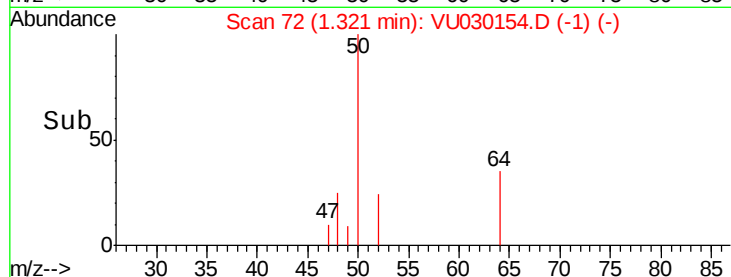
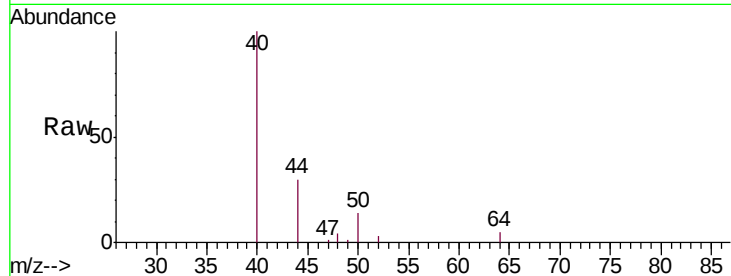
BF0X3

Tgt Ion: 50 Resp: 3078

Ion Ratio Lower Upper

50 100

52 24.1 23.4 43.6



#34

Trichloroethene

Concen: 0.928 ug/L

RT: 6.18 min Scan# 1584

Delta R.T. -0.00 min

Lab File: VU030154.D

Acq: 16 Mar 2019 18:49

Tgt Ion: 95 Resp: 4285

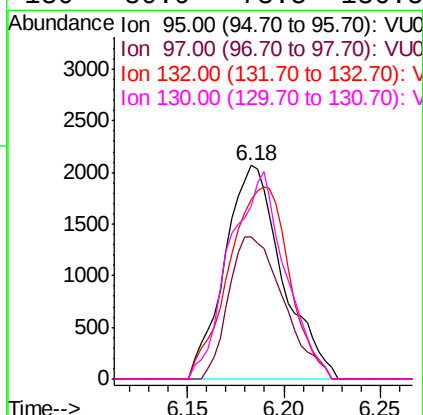
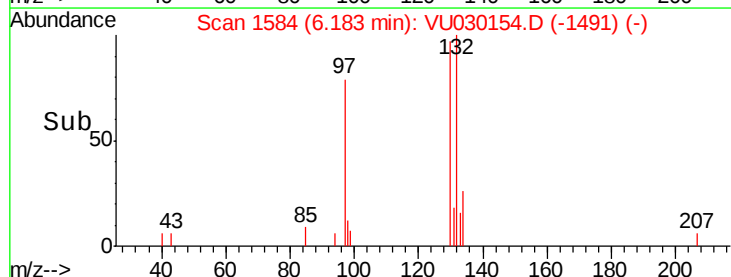
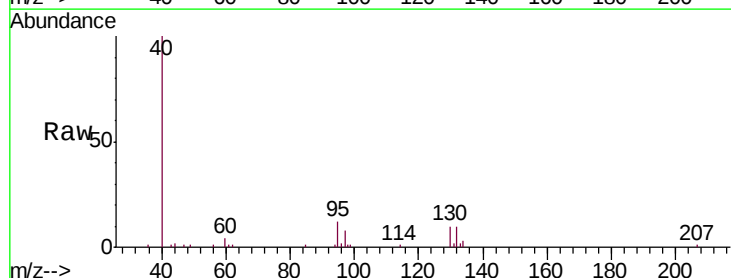
Ion Ratio Lower Upper

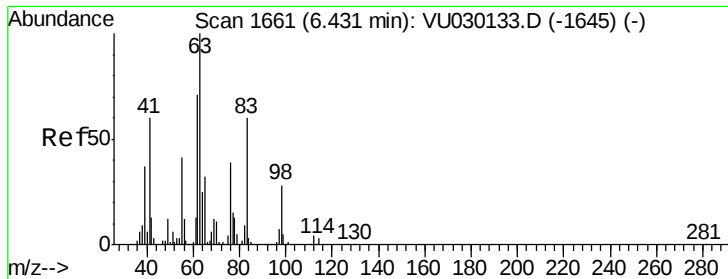
95 100

97 66.5 45.5 84.5

132 83.7 71.5 132.7

130 80.9 73.5 136.5





#37

1,2-Dichloropropane

Concen: 2.767 ug/L

RT: 6.33 min Scan# 1629

Delta R.T. -0.10 min

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Instrument :

MSVOA_U

ClientSampleId :

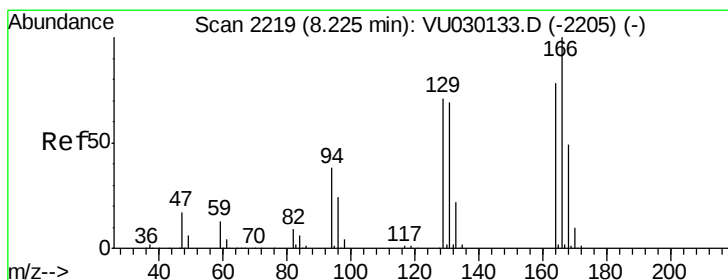
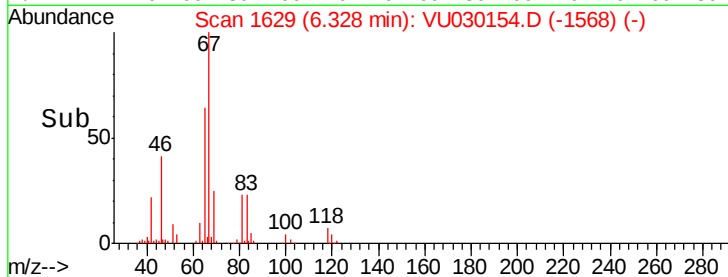
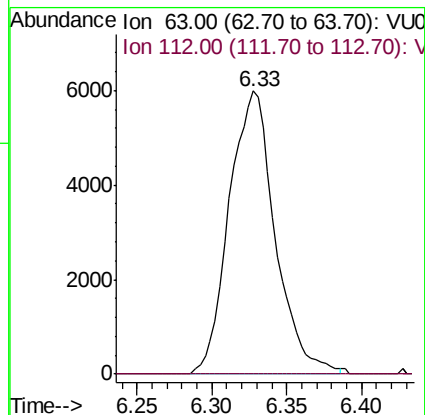
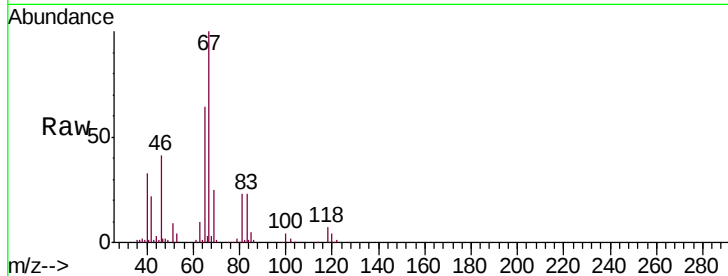
BF0X3

Tgt Ion: 63 Resp: 12825

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#



#46

Tetrachloroethene

Concen: 10.056 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. -0.00 min

Lab File: VU030154.D

Acq: 16 Mar 2019 18:49

Tgt Ion: 164 Resp: 40644

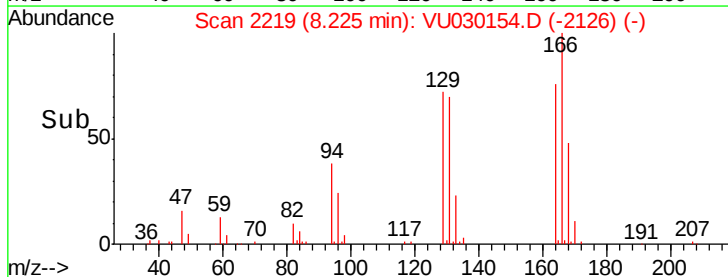
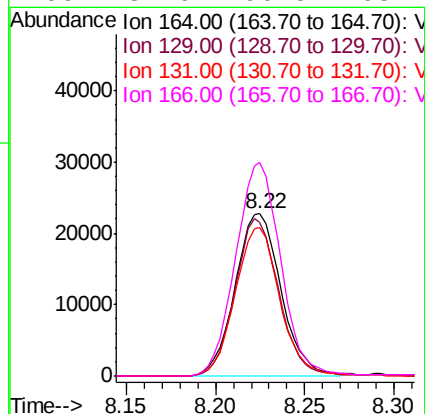
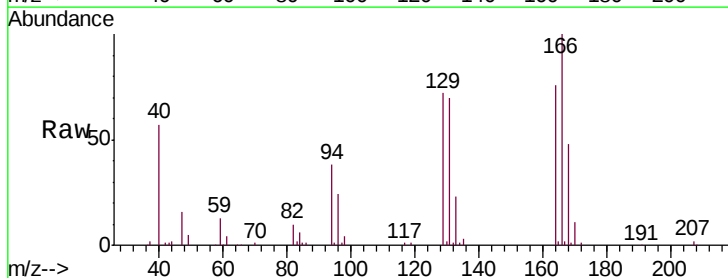
Ion Ratio Lower Upper

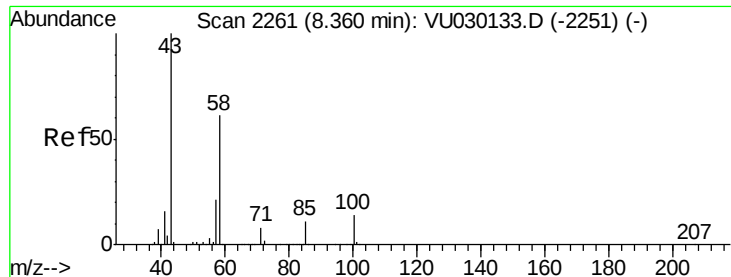
164 100

129 94.6 63.3 117.7

131 91.8 62.0 115.2

166 131.6 90.5 168.1

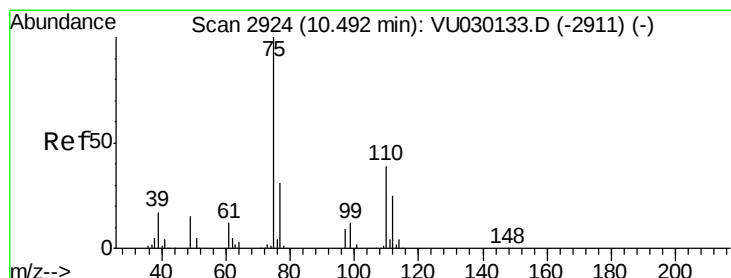
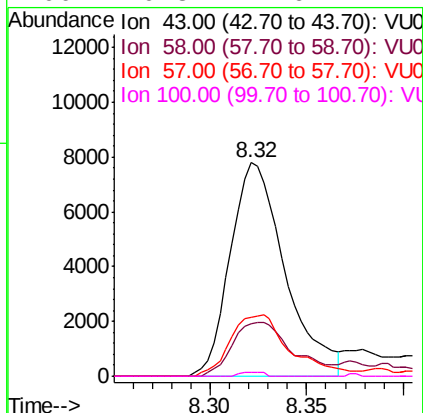
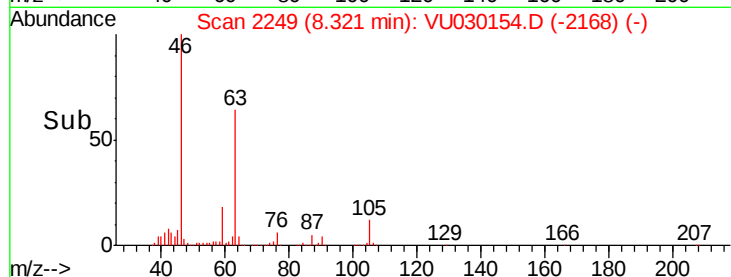
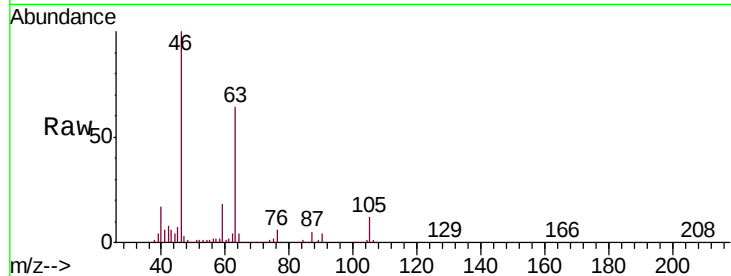




#48
2-Hexanone
Concen: 2.884 ug/L
RT: 8.32 min Scan# 2249
Delta R.T. -0.04 min
Lab File: VU030154.D
Acq: 16 Mar 2019 18:49

Instrument :
MSVOA_U
ClientSampleId :
BF0X3

Tgt Ion: 43 Resp: 15399
Ion Ratio Lower Upper
43 100
58 24.2 48.6 72.8#
57 31.4 16.1 24.1#
100 0.8 11.6 17.4#



#59
1,2,3-Trichloropropane
Concen: 5.401 ug/L
RT: 11.48 min Scan# 3232
Delta R.T. 0.99 min
Lab File: VU030154.D
Acq: 16 Mar 2019 18:49

Tgt Ion: 75 Resp: 32607
Ion Ratio Lower Upper
75 100
77 35.2 25.8 38.8

