

Data File : VU030645.D
Acq On : 03 Apr 2019 22:08
Operator : JC/SP
Sample : K2167-09ME
Misc : 5.90g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF110ME

Quant Time: Apr 04 06:58:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 04 06:52:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	624722	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	603708	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	293254	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	77978	15.51	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	31.02%#
7) Chloroethane-d5	1.71	69	395	0.10	ug/L	0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	0.20%#
11) 1,1-Dichloroethene-d2	2.24	63	117728	12.34	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	24.68%#
21) 2-Butanone-d5	4.19	46	132175	27.97	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	27.97%#
24) Chloroform-d	4.64	84	125869	14.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	29.06%#
26) 1,2-Dichloroethane-d4	5.30	65	86503	15.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	30.52%#
32) Benzene-d6	5.33	84	278645	16.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	32.18%#
36) 1,2-Dichloropropane-d6	6.33	67	92918	15.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	31.38%#
41) Toluene-d8	7.56	98	243073	15.63	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	31.26%#
43) trans-1,3-Dichloropropene-	7.85	79	39940	14.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	28.68%#
47) 2-Hexanone-d5	8.32	63	91893	28.63	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	28.63%#
57) 1,1,2,2-Tetrachloroethane-	10.43	84	132157	15.59	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	31.18%#
64) 1,2-Dichlorobenzene-d4	11.86	152	92809	15.79	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	31.58%#

Target Compounds

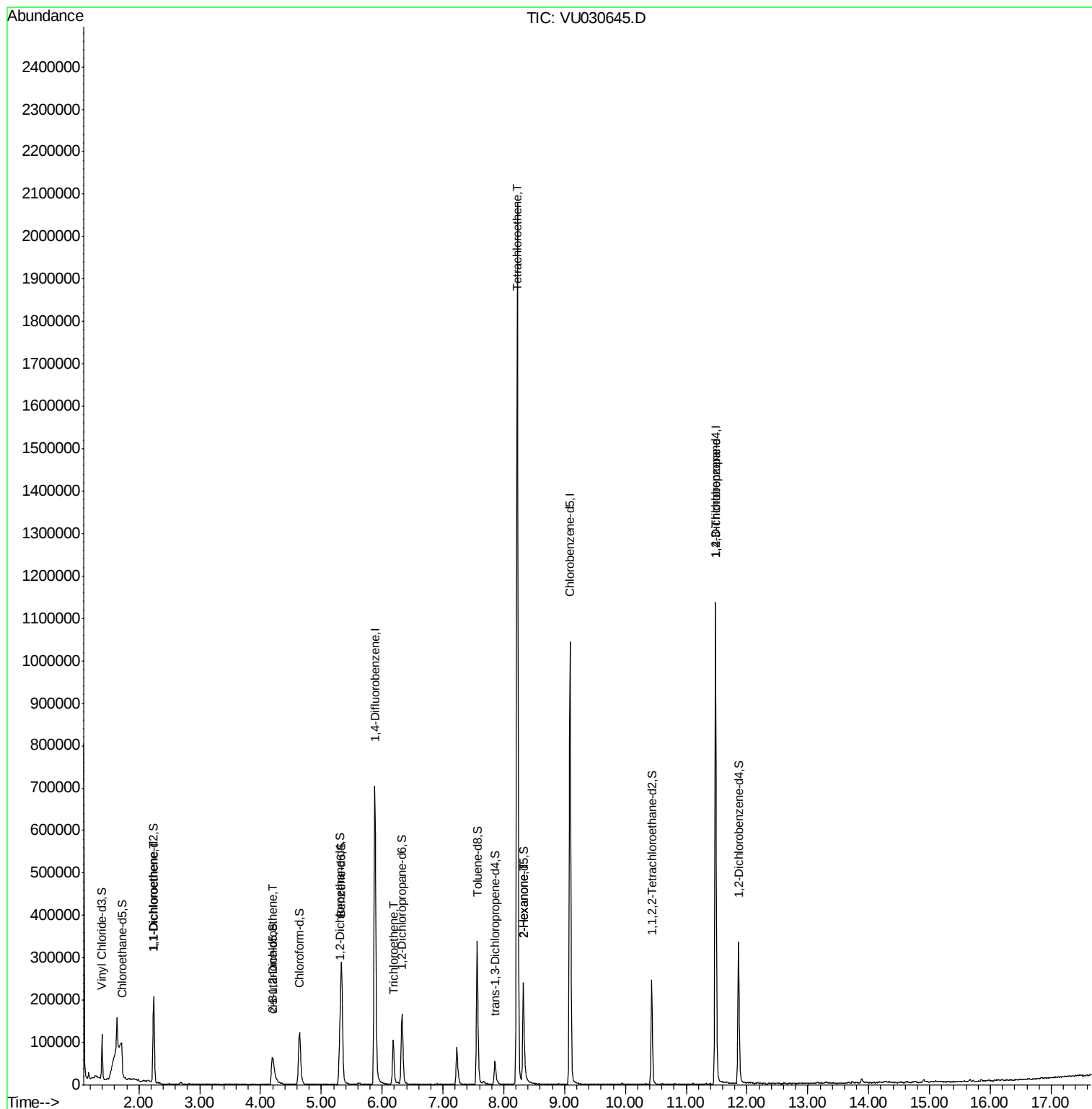
					Qvalue
12) 1,1-Dichloroethene	2.25	96	5974	1.337 ug/L #	1
20) cis-1,2-Dichloroethene	4.21	96	4942	0.940 ug/L	89
34) Trichloroethene	6.18	95	41540	8.222 ug/L	98
46) Tetrachloroethene	8.22	164	470354	133.296 ug/L	97
48) 2-Hexanone	8.32	43	11423	1.423 ug/L #	65
59) 1,2,3-Trichloropropane	11.48	75	36889	5.197 ug/L	94

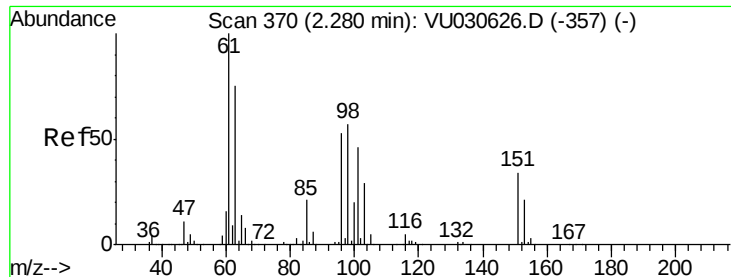
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 1.337 ug/L

RT: 2.25 min Scan# 362

Delta R.T. -0.03 min

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Instrument :

MSVOA_U

ClientSampleId :

BF110ME

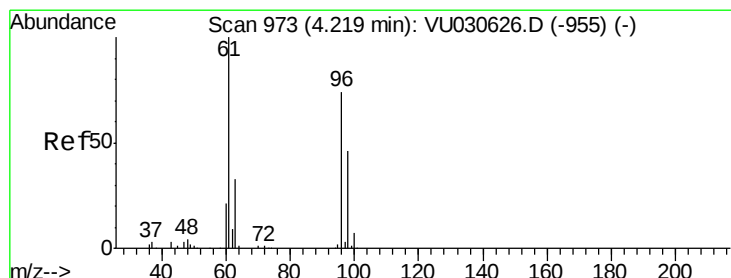
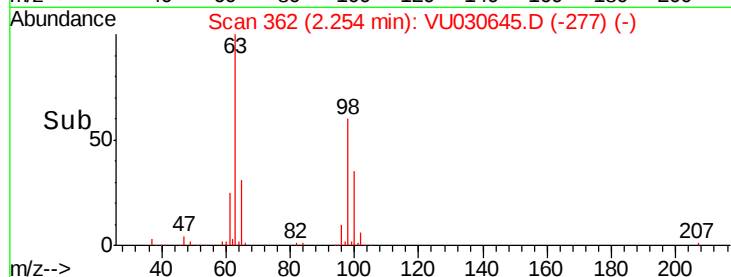
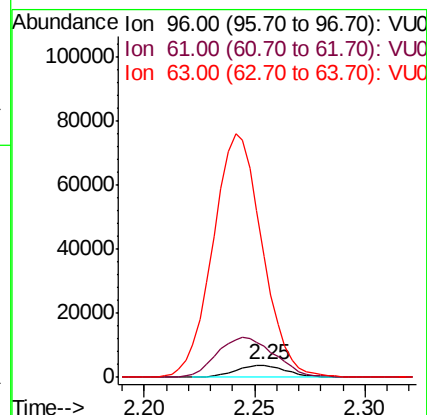
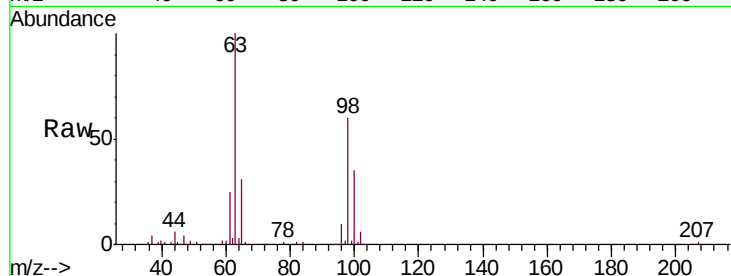
Tgt Ion: 96 Resp: 5974

Ion Ratio Lower Upper

96 100

61 254.6 131.0 243.4#

63 1004.9 92.4 171.6#



#20

cis-1,2-Dichloroethene

Concen: 0.940 ug/L

RT: 4.21 min Scan# 971

Delta R.T. -0.01 min

Lab File: VU030645.D

Acq: 03 Apr 2019 22:08

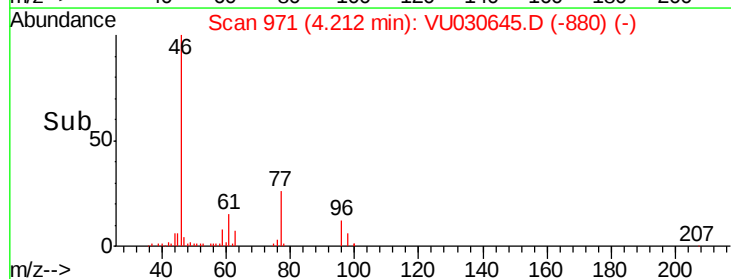
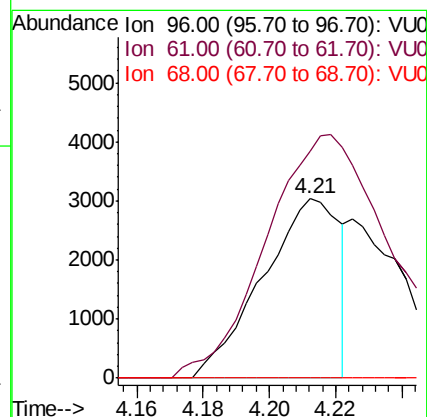
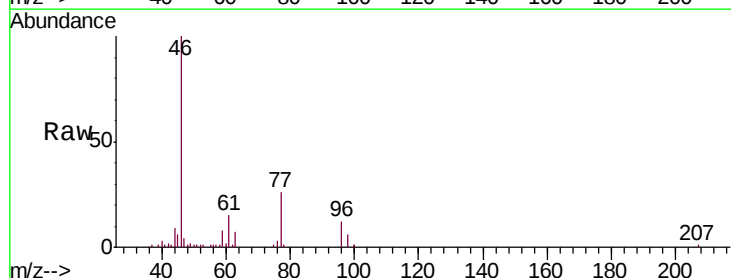
Tgt Ion: 96 Resp: 4942

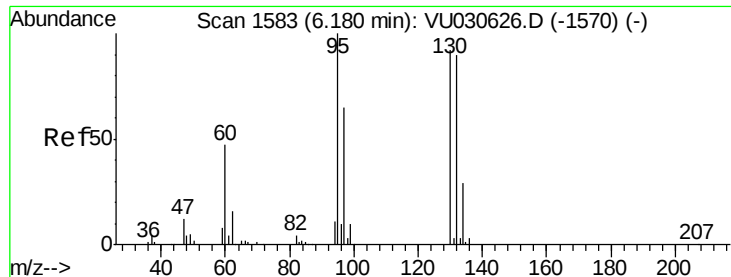
Ion Ratio Lower Upper

96 100

61 126.8 98.4 182.8

68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 8.222 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. 0.00 min

Lab File: VU030645.D

Acq: 03 Apr 2019 22:08

Instrument :

MSVOA_U

ClientSampleId :

BF110ME

Tgt Ion: 95 Resp: 41540

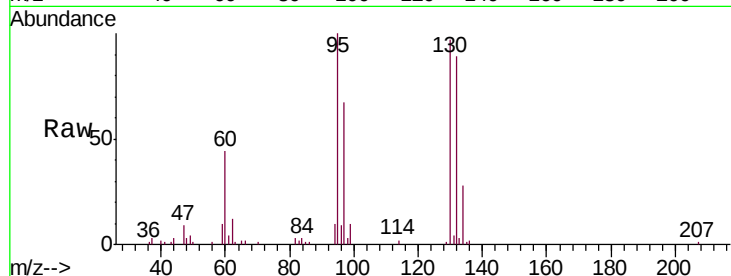
Ion Ratio Lower Upper

95 100

97 66.7 45.7 84.9

132 88.8 63.8 118.4

130 96.7 65.7 121.9



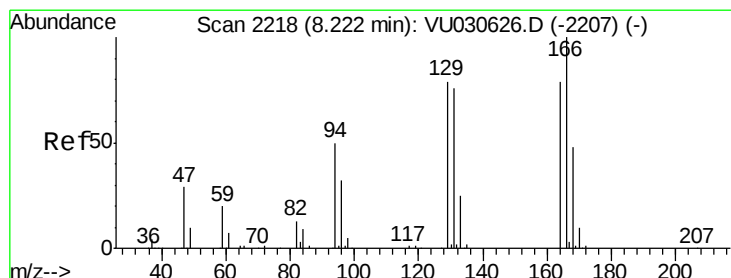
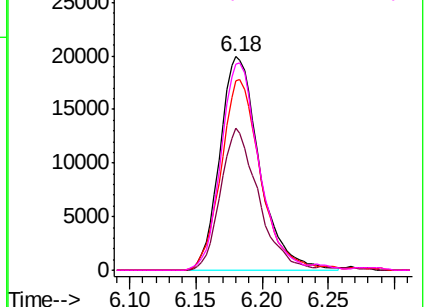
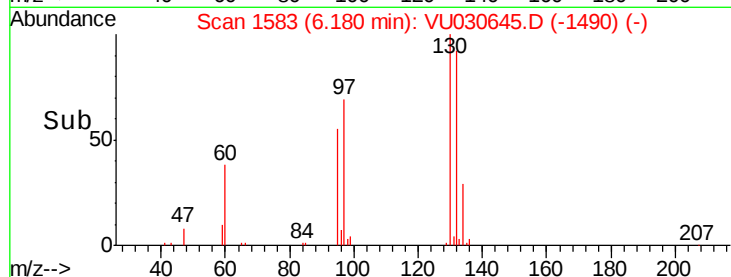
Abundance

Ion 95.00 (94.70 to 95.70): VU030645.D (-2125) (-)

Ion 97.00 (96.70 to 97.70): VU030645.D (-2125) (-)

Ion 132.00 (131.70 to 132.70): VU030645.D (-2125) (-)

Ion 130.00 (129.70 to 130.70): VU030645.D (-2125) (-)



#46

Tetrachloroethene

Concen: 133.296 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. 0.00 min

Lab File: VU030645.D

Acq: 03 Apr 2019 22:08

Tgt Ion: 164 Resp: 470354

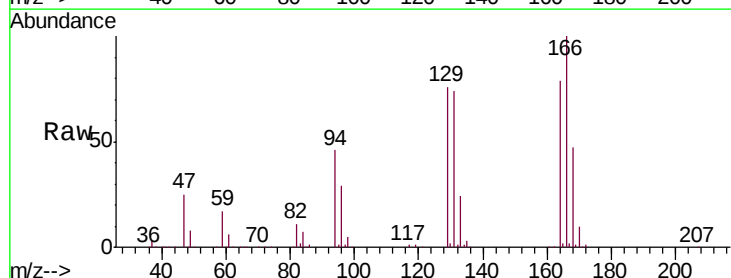
Ion Ratio Lower Upper

164 100

129 96.5 68.1 126.5

131 93.0 67.7 125.7

166 126.4 92.4 171.6



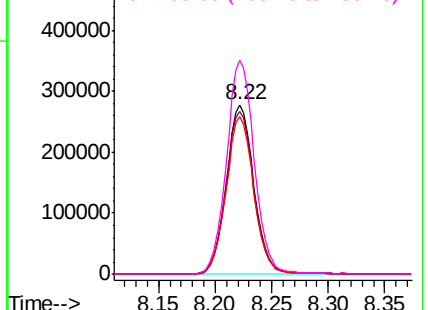
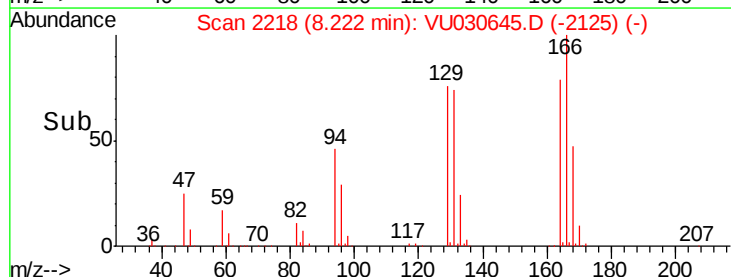
Abundance

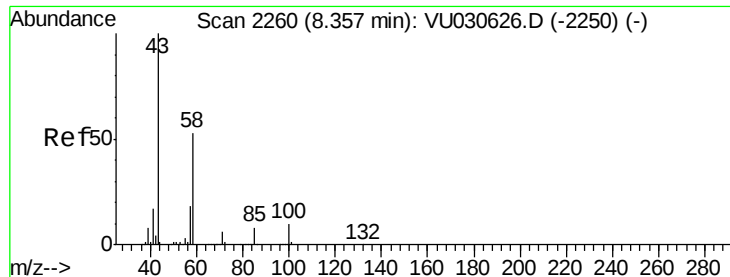
Ion 164.00 (163.70 to 164.70): VU030645.D (-2125) (-)

Ion 129.00 (128.70 to 129.70): VU030645.D (-2125) (-)

Ion 131.00 (130.70 to 131.70): VU030645.D (-2125) (-)

Ion 166.00 (165.70 to 166.70): VU030645.D (-2125) (-)

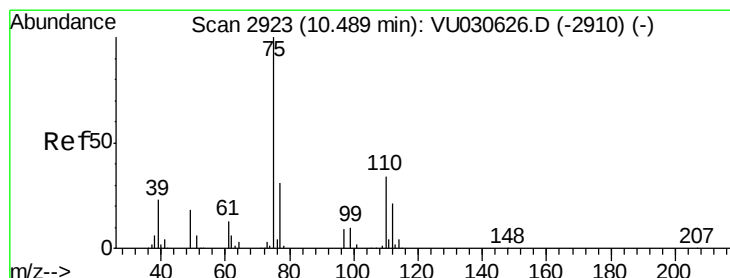
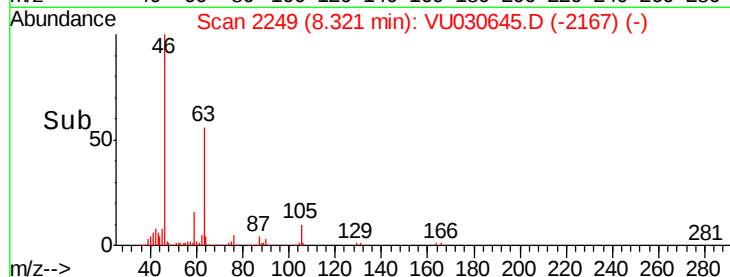
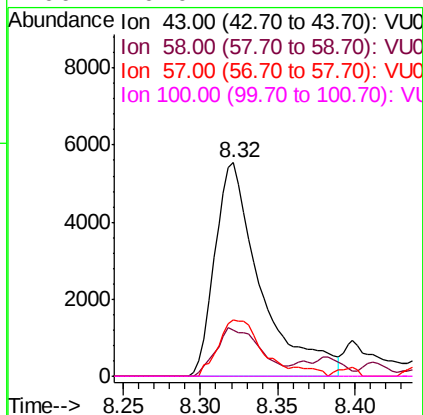
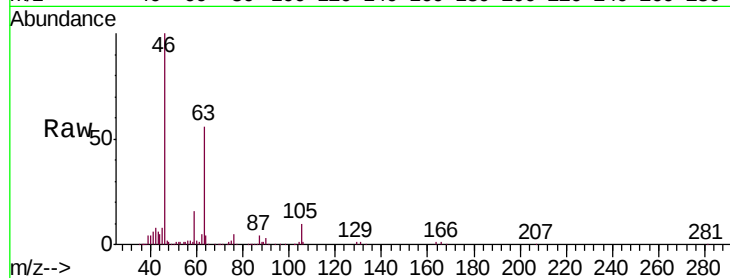




#48
 2-Hexanone
 Concen: 1.423 ug/L
 RT: 8.32 min Scan# 2249
 Delta R.T. -0.04 min
 Lab File: VU030645.D
 Acq: 03 Apr 2019 22:08

Instrument :
 MSVOA_U
 ClientSampleId :
 BF110ME

Tgt Ion: 43 Resp: 11423
 Ion Ratio Lower Upper
 43 100
 58 21.6 42.5 63.7#
 57 24.0 15.0 22.6#
 100 0.0 7.4 11.2#



#59
 1,2,3-Trichloropropane
 Concen: 5.197 ug/L
 RT: 11.48 min Scan# 3232
 Delta R.T. 0.99 min
 Lab File: VU030645.D
 Acq: 03 Apr 2019 22:08

Tgt Ion: 75 Resp: 36889
 Ion Ratio Lower Upper
 75 100
 77 35.2 25.4 38.2

