

Data File : VU030650.D
Acq On : 04 Apr 2019 00:02
Operator : JC/SP
Sample : K2167-14ME
Misc : 5.16g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF115ME

Quant Time: Apr 04 06:59:37 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	558309	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	535479	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	257417	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	174312	38.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.58%
7) Chloroethane-d5	1.70	69	73	0.02	ug/L	0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	0.04%#
11) 1,1-Dichloroethene-d2	2.24	63	264004	30.97	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.94%
21) 2-Butanone-d5	4.19	46	342030	80.98	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	80.98%
24) Chloroform-d	4.64	84	304275	39.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	78.60%
26) 1,2-Dichloroethane-d4	5.30	65	207282	40.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.84%
32) Benzene-d6	5.33	84	672199	43.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.54%
36) 1,2-Dichloropropane-d6	6.32	67	231490	44.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.12%
41) Toluene-d8	7.56	98	589878	42.77	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.54%
43) trans-1,3-Dichloropropene-	7.85	79	98613	39.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.84%
47) 2-Hexanone-d5	8.32	63	247224	86.83	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.83%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	329115	43.78	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.56%
64) 1,2-Dichlorobenzene-d4	11.86	152	226178	43.85	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.70%

Target Compounds

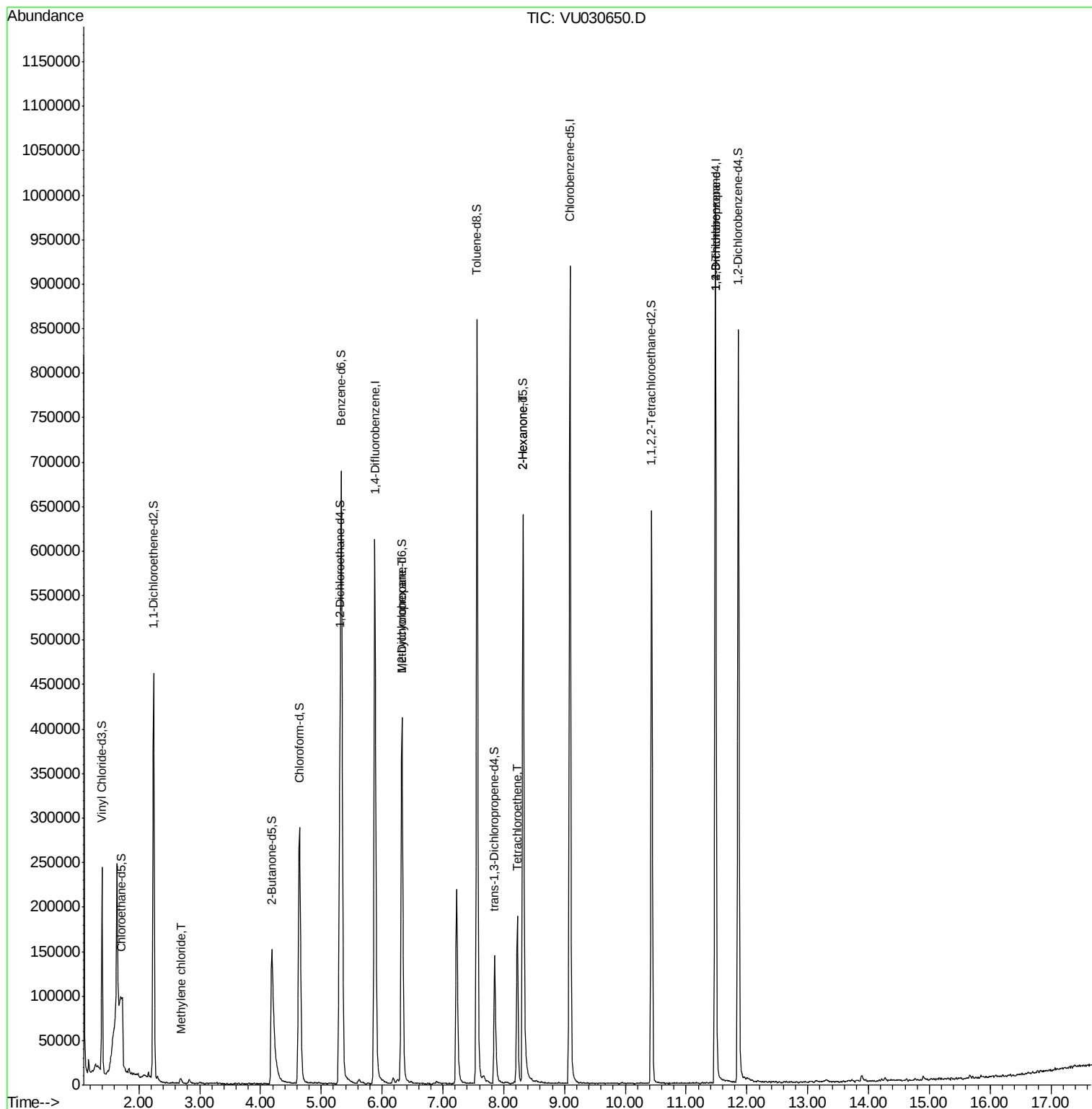
					Qvalue
16) Methylene chloride	2.69	84	2785	0.591 ug/L	88
35) Methylcyclohexane	6.32	83	50571	6.858 ug/L #	14
46) Tetrachloroethene	8.22	164	44755	14.299 ug/L	98
48) 2-Hexanone	8.32	43	28232	3.964 ug/L #	69
59) 1,2,3-Trichloropropane	11.48	75	31737	5.040 ug/L	93

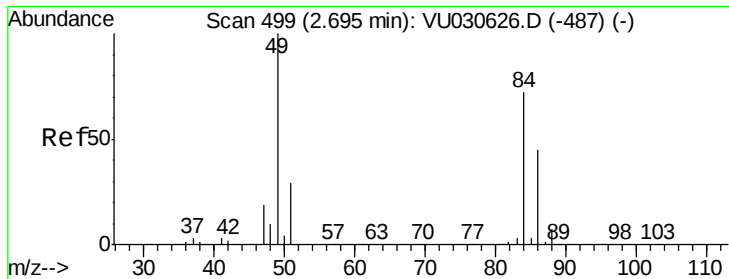
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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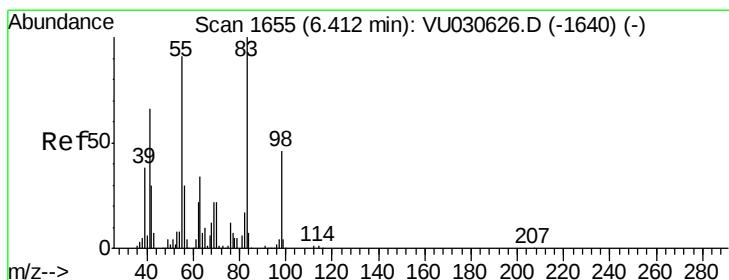
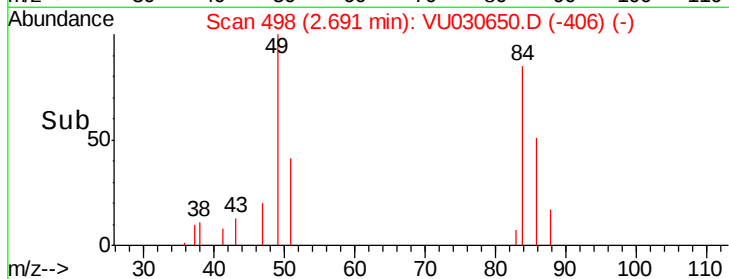
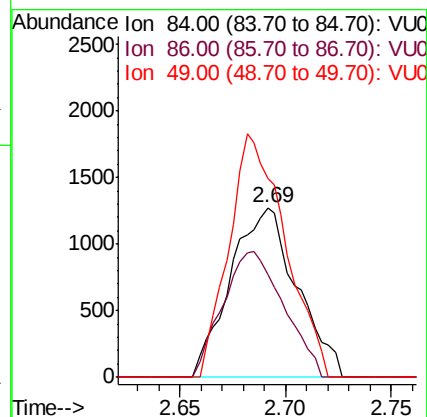
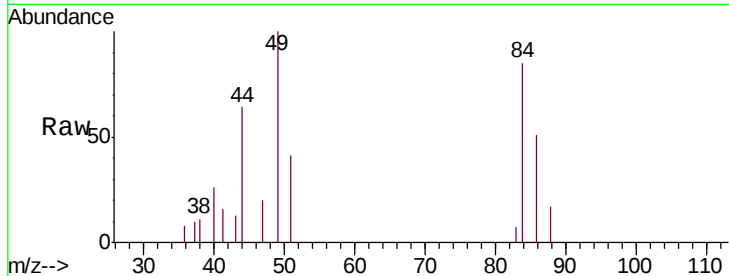




#16
Methylene chloride
Concen: 0.591 ug/L
RT: 2.69 min Scan# 498
Delta R.T. -0.00 min
Lab File: VU030650.D
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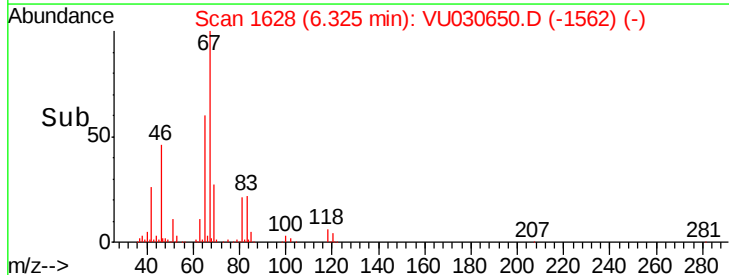
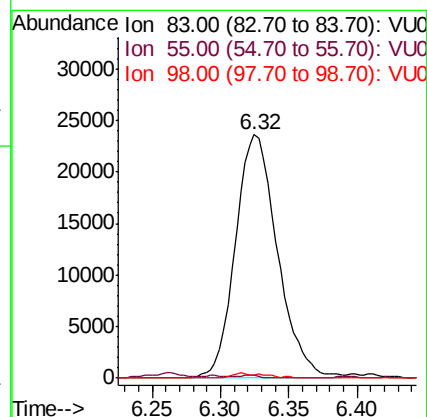
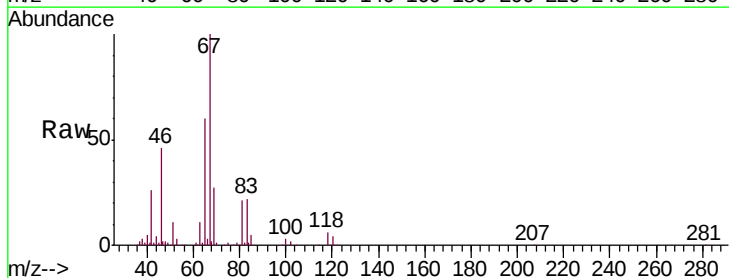
Instrument :
MSVOA_U
ClientSampleId :
BF115ME

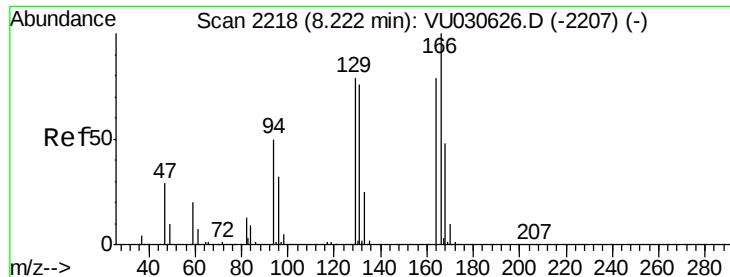
Tgt Ion: 84 Resp: 2785
Ion Ratio Lower Upper
84 100
86 60.3 44.3 82.3
49 117.1 94.9 176.3



#35
Methylcyclohexane
Concen: 6.858 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.09 min
Lab File: VU030650.D
Acq: 04 Apr 2019 00:02

Tgt Ion: 83 Resp: 50571
Ion Ratio Lower Upper
83 100
55 0.5 71.4 107.0#
98 0.8 36.0 54.0#





#46

Tetrachloroethene

Concen: 14.299 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU030650.D

Acq: 04 Apr 2019 00:02

Instrument :

MSVOA_U

ClientSampleId :

BF115ME

Tgt Ion:164 Resp: 44755

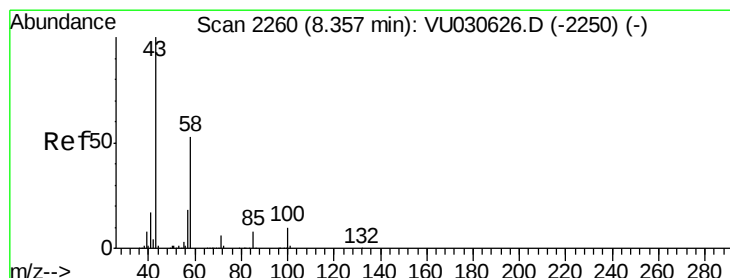
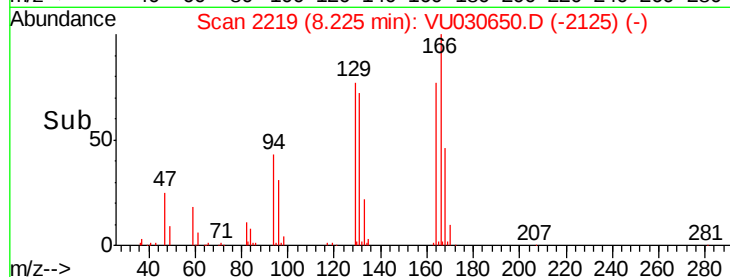
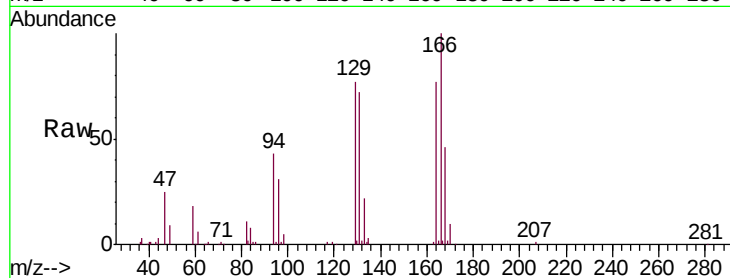
Ion Ratio Lower Upper

164 100

129 99.8 68.1 126.5

131 94.1 67.7 125.7

166 130.0 92.4 171.6



#48

2-Hexanone

Concen: 3.964 ug/L

RT: 8.32 min Scan# 2248

Delta R.T. -0.04 min

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Tgt Ion: 43 Resp: 28232

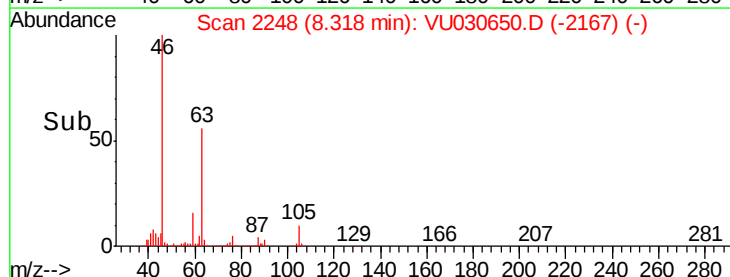
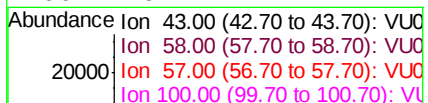
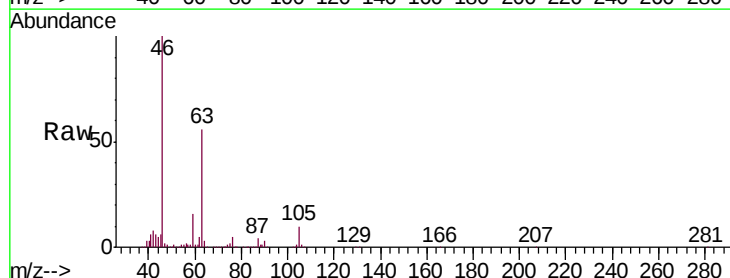
Ion Ratio Lower Upper

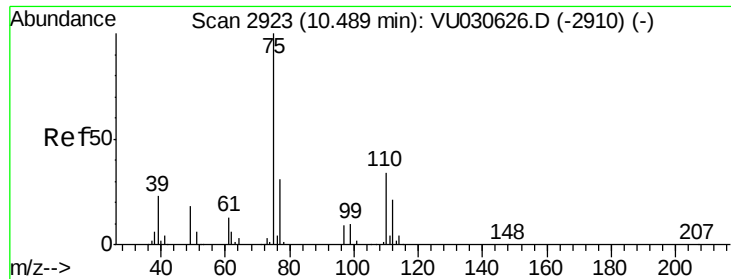
43 100

58 26.3 42.5 63.7#

57 24.6 15.0 22.6#

100 0.2 7.4 11.2#





#59

1,2,3-Trichloropropane

Concen: 5.040 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU030650.D

Acq: 04 Apr 2019 00:02

Instrument :

MSVOA_U

ClientSampleId :

BF115ME

Tgt Ion: 75 Resp: 31737

Ion Ratio Lower Upper

75 100

77 35.7 25.4 38.2

