

Data File : VU030649.D
Acq On : 03 Apr 2019 23:39
Operator : JC/SP
Sample : K2167-13ME
Misc : 6.11g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF114ME

Quant Time: Apr 04 06:59:29 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	564367	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	547579	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	265978	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	168247	37.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.08%
7) Chloroethane-d5	1.83	69	185	0.05	ug/L	0.15
Spiked Amount	50.000	Range	70 - 130	Recovery	=	0.10%#
11) 1,1-Dichloroethene-d2	2.24	63	257989	29.94	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.88%#
21) 2-Butanone-d5	4.19	46	340889	79.84	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	79.84%
24) Chloroform-d	4.64	84	295953	37.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	75.64%
26) 1,2-Dichloroethane-d4	5.30	65	197869	38.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	77.28%
32) Benzene-d6	5.33	84	656236	41.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.58%
36) 1,2-Dichloropropane-d6	6.32	67	221609	41.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	82.50%
41) Toluene-d8	7.56	98	574950	40.77	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.54%
43) trans-1,3-Dichloropropene-	7.85	79	95146	37.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.32%
47) 2-Hexanone-d5	8.32	63	236823	81.34	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	81.34%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	322749	41.98	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	83.96%
64) 1,2-Dichlorobenzene-d4	11.86	152	220147	41.31	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.62%

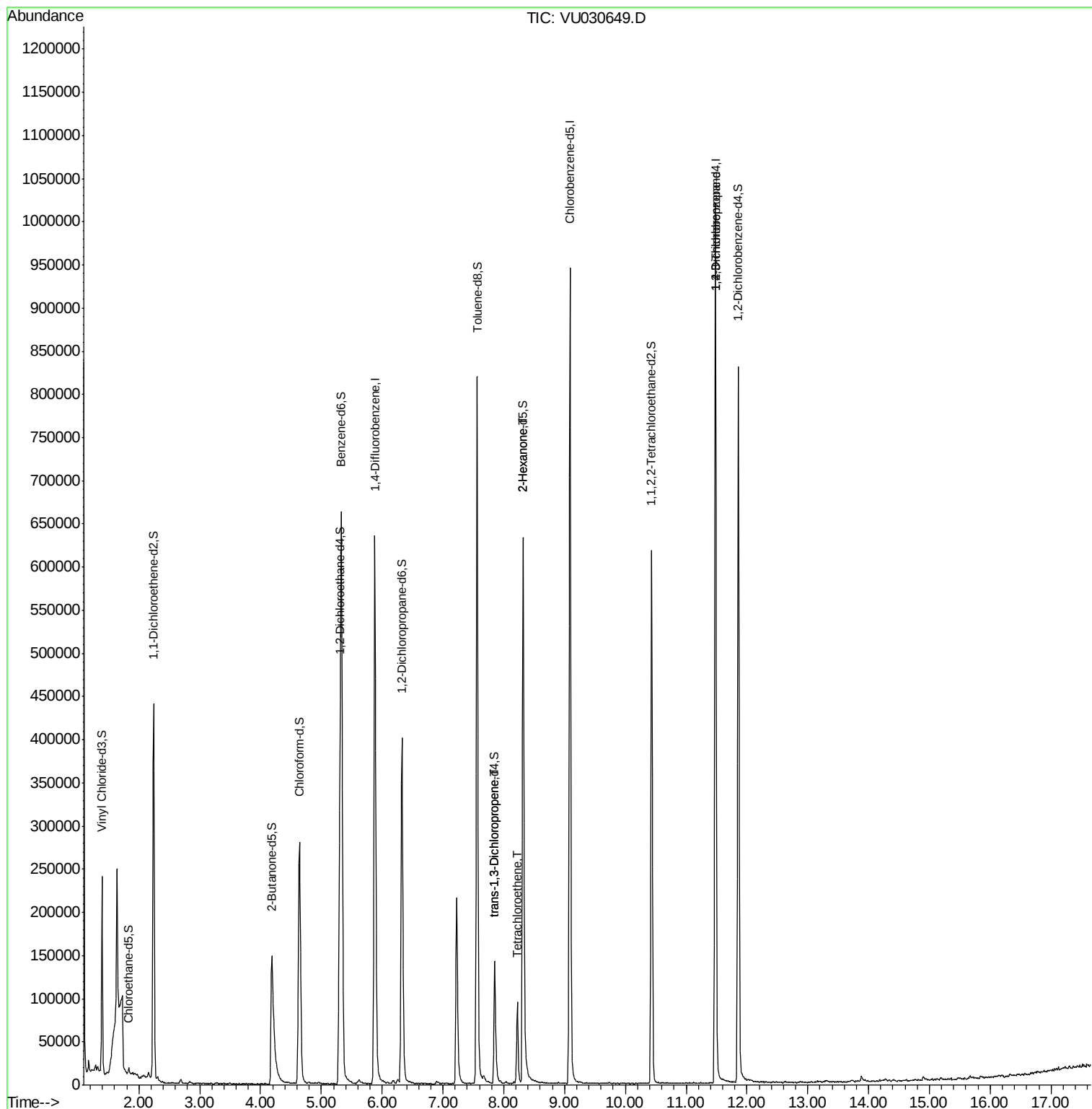
Target Compounds					Qvalue
44) trans-1,3-Dichloropropene	7.85	75	3743	0.559 ug/L	93
46) Tetrachloroethene	8.22	164	21941	6.855 ug/L	94
48) 2-Hexanone	8.32	43	27921	3.834 ug/L #	68
59) 1,2,3-Trichloropropane	11.48	75	32241	5.007 ug/L	89

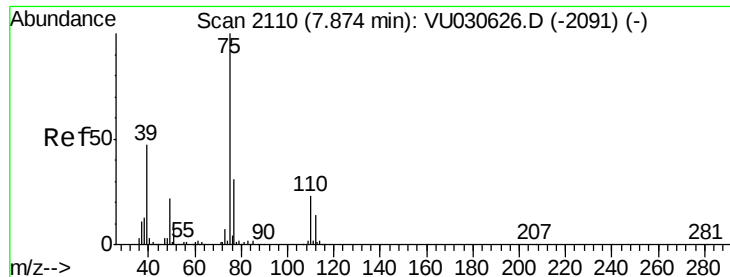
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#44

trans-1,3-Dichloropropene

Concen: 0.559 ug/L

RT: 7.85 min Scan# 2104

Delta R.T. -0.02 min

Lab File: VU030649.D

Acq: 03 Apr 2019 23:39

Instrument :

MSVOA_U

ClientSampleId :

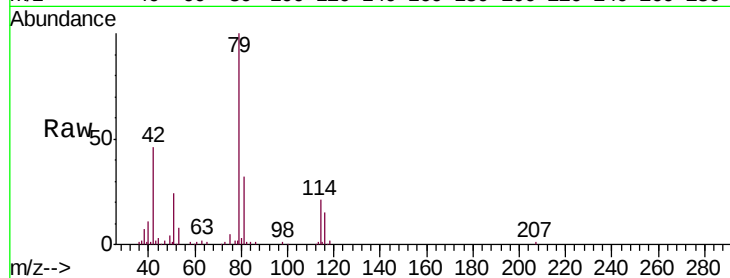
BF114ME

Tgt Ion: 75 Resp: 3743

Ion Ratio Lower Upper

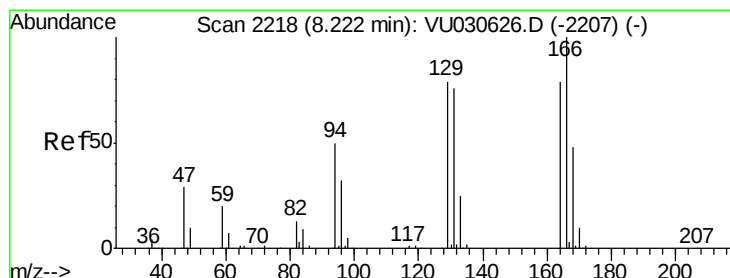
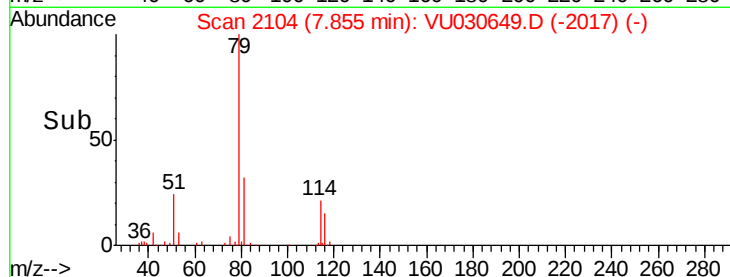
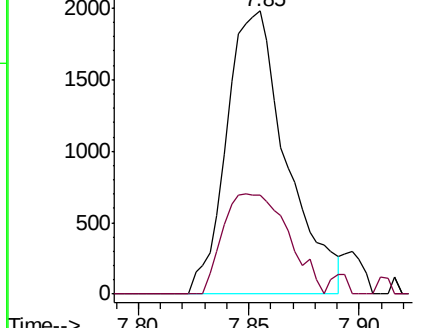
75 100

77 35.2 22.0 40.8



Abundance Ion 75.00 (74.70 to 75.70): VU030626.D (-2091) (-)

Ion 77.00 (76.70 to 77.70): VU030626.D (-2091) (-)



#46

Tetrachloroethene

Concen: 6.855 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU030649.D

Acq: 03 Apr 2019 23:39

Tgt Ion: 164 Resp: 21941

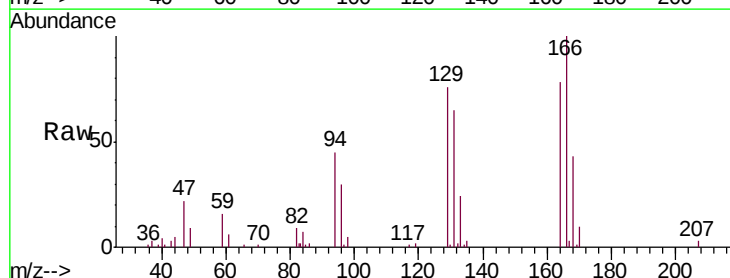
Ion Ratio Lower Upper

164 100

129 97.3 68.1 126.5

131 82.3 67.7 125.7

166 127.5 92.4 171.6

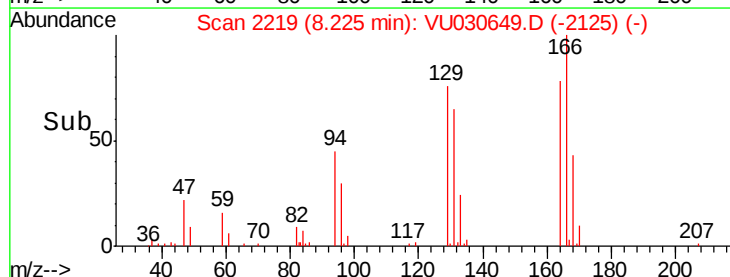
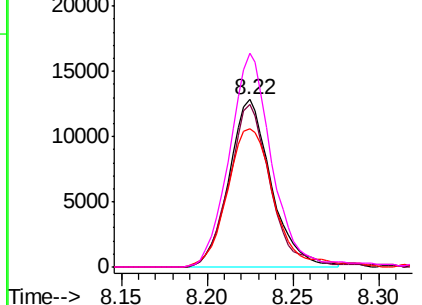


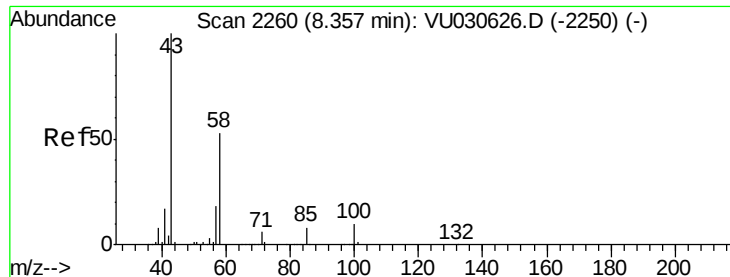
Abundance Ion 164.00 (163.70 to 164.70): VU030626.D (-2207) (-)

Ion 129.00 (128.70 to 129.70): VU030626.D (-2207) (-)

Ion 131.00 (130.70 to 131.70): VU030626.D (-2207) (-)

Ion 166.00 (165.70 to 166.70): VU030626.D (-2207) (-)





#48

2-Hexanone

Concen: 3.834 ug/L

RT: 8.32 min Scan# 2248

Delta R.T. -0.04 min

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Acq: 03 Apr 2019 23:39

Instrument :

MSVOA_U

ClientSampleId :

BF114ME

Tgt Ion: 43 Resp: 27921

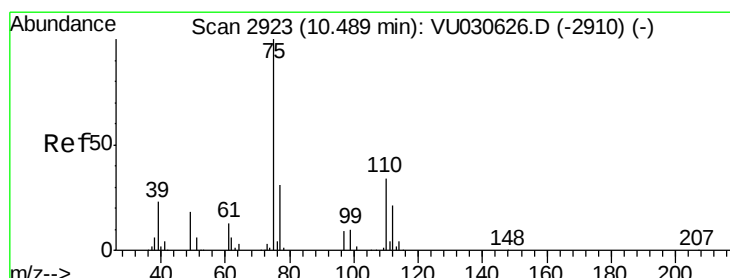
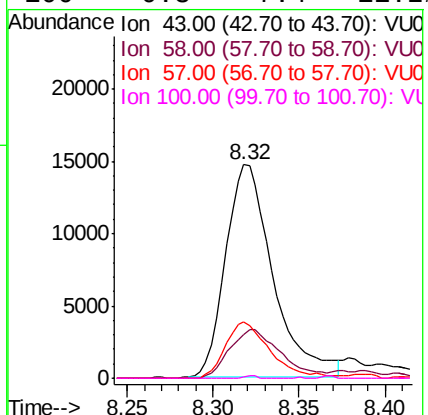
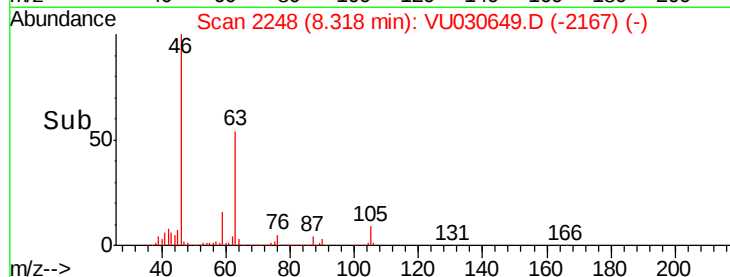
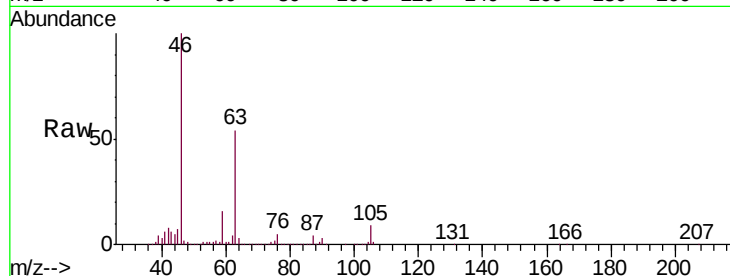
Ion Ratio Lower Upper

43 100

58 24.9 42.5 63.7#

57 24.3 15.0 22.6#

100 0.3 7.4 11.2#



#59

1,2,3-Trichloropropane

Concen: 5.007 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU030649.D

Acq: 03 Apr 2019 23:39

Tgt Ion: 75 Resp: 32241

Ion Ratio Lower Upper

75 100

77 37.8 25.4 38.2

