

Data File : VU030040.D
Acq On : 13 Mar 2019 19:25
Operator : JC/SP
Sample : K1838-21
Misc : 5.31g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF183

Quant Time: Mar 14 03:54:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031319WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 14 03:50:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	742499	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	748609	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	406798	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	169473	34.51	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	69.02%
7) Chloroethane-d5	1.64	69	79820	20.13	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	40.26%#
11) 1,1-Dichloroethene-d2	2.23	63	237564	26.80	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	53.60%#
21) 2-Butanone-d5	4.19	46	330929	89.93	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.93%
24) Chloroform-d	4.64	84	344934	39.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	78.30%
26) 1,2-Dichloroethane-d4	5.30	65	210132	41.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.58%
32) Benzene-d6	5.33	84	732910	38.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	76.06%
36) 1,2-Dichloropropane-d6	6.32	67	236193	40.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	80.10%
41) Toluene-d8	7.56	98	670917	37.18	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	74.36%#
43) trans-1,3-Dichloropropene	7.85	79	108705	38.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.10%
47) 2-Hexanone-d5	8.32	63	314714	95.37	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.37%
57) 1,1,2,2-Tetrachloroethane	10.43	84	422381	46.61	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.22%
64) 1,2-Dichlorobenzene-d4	11.86	152	327055	41.50	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.00%

Target Compounds

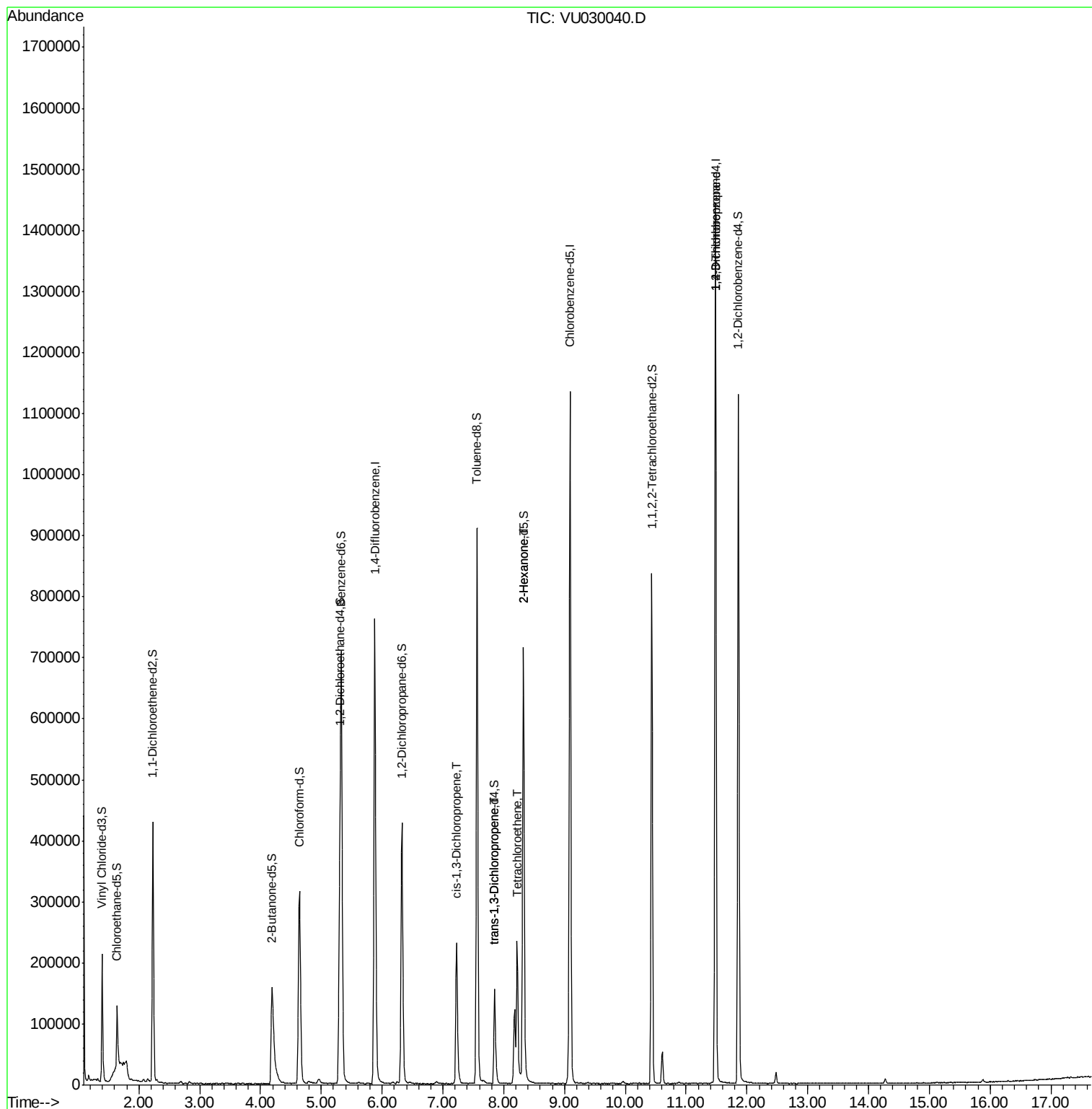
					Qvalue
39) cis-1,3-Dichloropropene	7.22	75	5862	0.669 ug/L #	61
44) trans-1,3-Dichloropropene	7.85	75	4352	0.544 ug/L #	80
46) Tetrachloroethene	8.22	164	56932	11.587 ug/L	97
48) 2-Hexanone	8.32	43	30375	4.680 ug/L #	63
59) 1,2,3-Trichloropropane	11.48	75	40716	5.548 ug/L	96

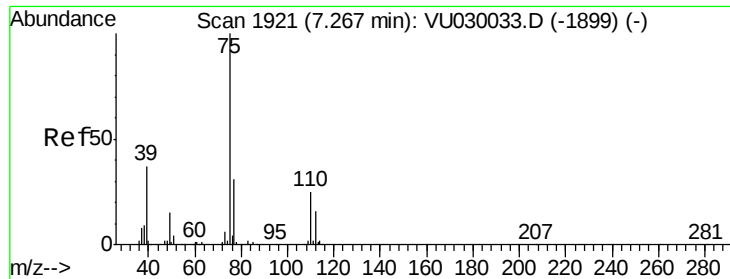
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#39

cis-1,3-Dichloropropene

Concen: 0.669 ug/L

RT: 7.22 min Scan# 1908

Delta R.T. -0.04 min

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Acq: 13 Mar 2019 19:25

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MSVOA_U

ClientSampleId :

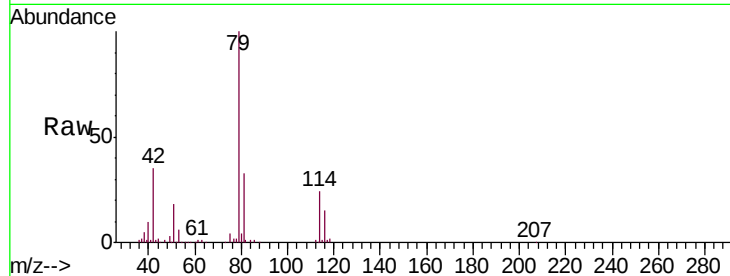
BF183

Tgt Ion: 75 Resp: 5862

Ion Ratio Lower Upper

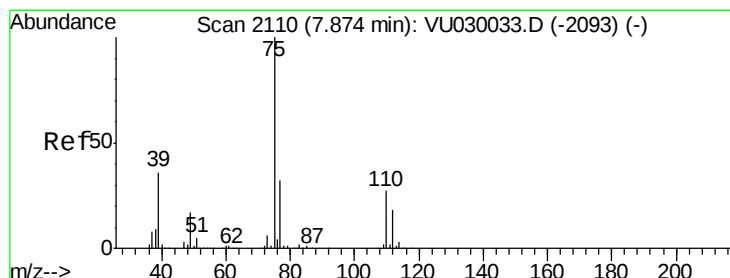
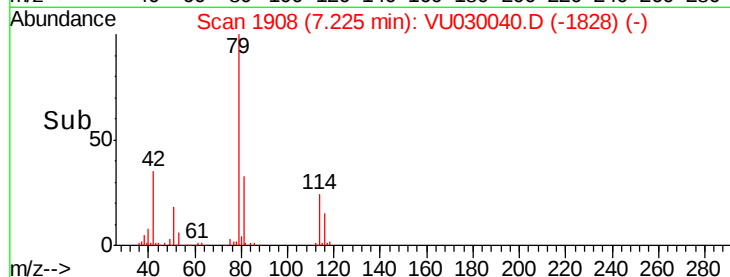
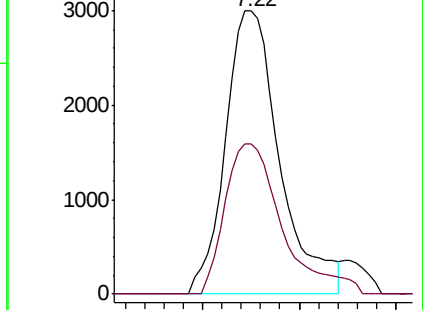
75 100

77 53.3 22.2 41.2#



Abundance Ion 75.00 (74.70 to 75.70): VU030033.D (-1899) (-)

Ion 77.00 (76.70 to 77.70): VU030033.D (-1899) (-)



#44

trans-1,3-Dichloropropene

Concen: 0.544 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

Lab File: VU030040.D

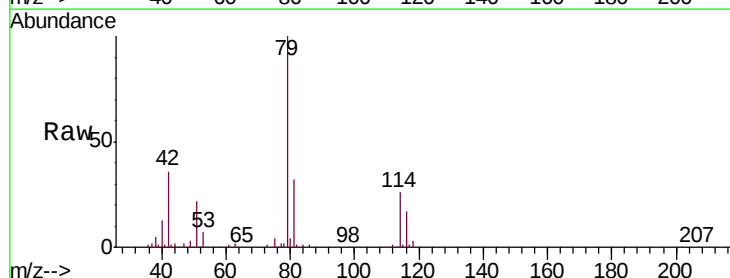
Acq: 13 Mar 2019 19:25

Tgt Ion: 75 Resp: 4352

Ion Ratio Lower Upper

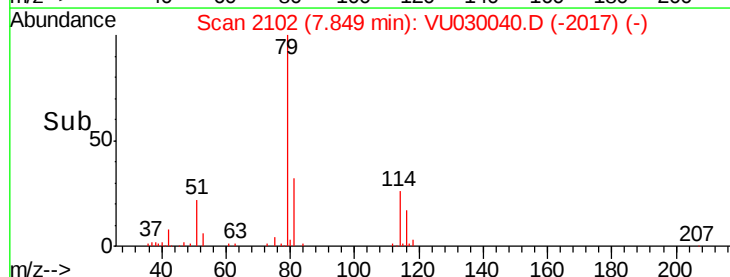
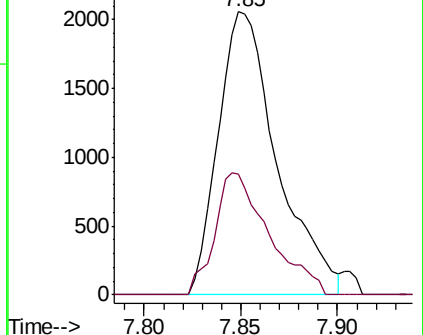
75 100

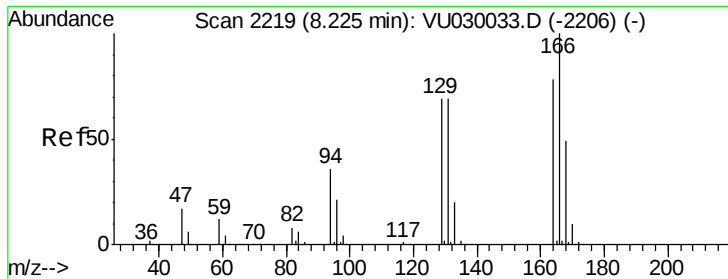
77 42.6 21.9 40.7#



Abundance Ion 75.00 (74.70 to 75.70): VU030033.D (-2093) (-)

Ion 77.00 (76.70 to 77.70): VU030033.D (-2093) (-)

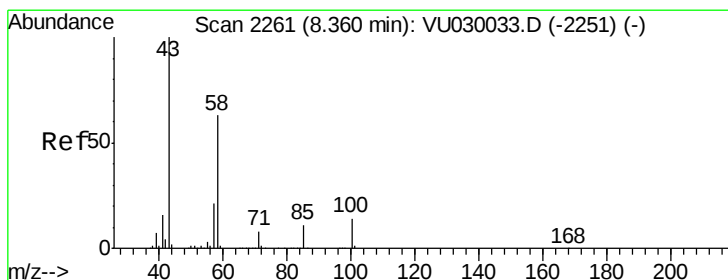
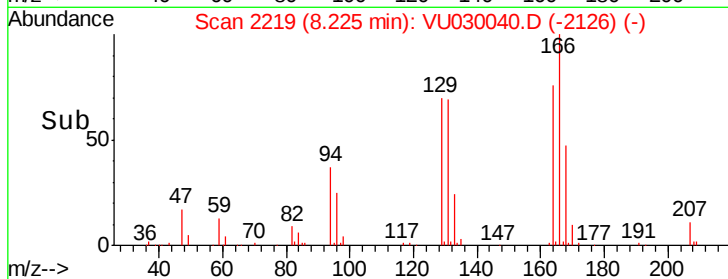
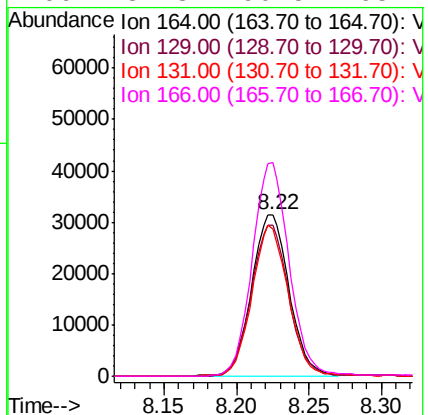
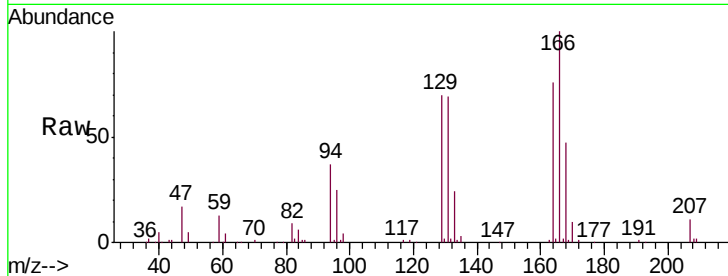




#46
Tetrachloroethene
Concen: 11.587 ug/L
RT: 8.22 min Scan# 2219
Delta R.T. 0.00 min
Lab File: VU030040.D
Acq: 13 Mar 2019 19:25

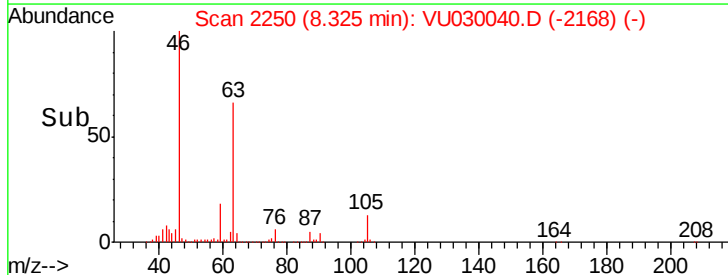
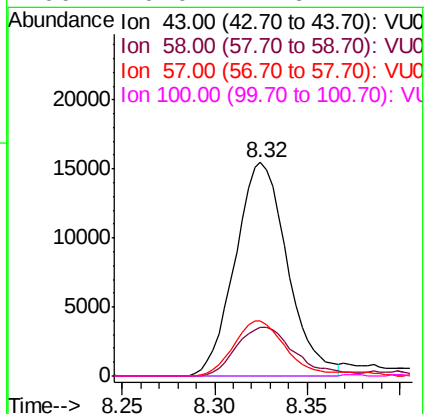
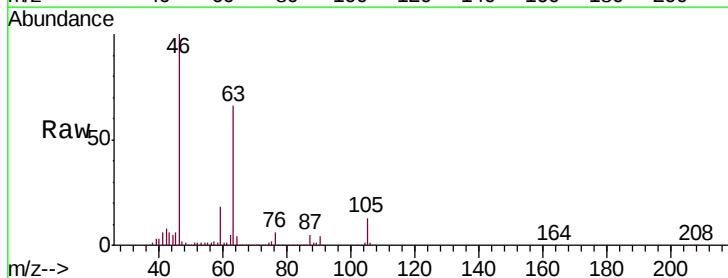
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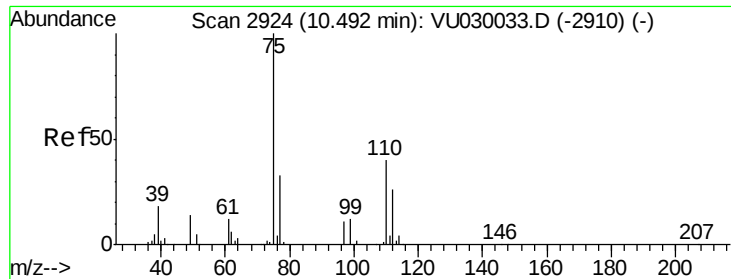
Tgt Ion:164 Resp: 56932
Ion Ratio Lower Upper
164 100
129 93.2 63.3 117.7
131 90.8 62.0 115.2
166 132.3 90.5 168.1



#48
2-Hexanone
Concen: 4.680 ug/L
RT: 8.32 min Scan# 2250
Delta R.T. -0.04 min
Lab File: VU030040.D
Acq: 13 Mar 2019 19:25

Tgt Ion: 43 Resp: 30375
Ion Ratio Lower Upper
43 100
58 25.3 48.6 72.8#
57 25.4 16.1 24.1#
100 0.0 11.6 17.4#





#59

1,2,3-Trichloropropane

Concen: 5.548 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU030040.D

Acq: 13 Mar 2019 19:25

Instrument :

MSVOA_U

ClientSampleId :

BF183

Tgt Ion: 75 Resp: 40716

Ion Ratio Lower Upper

75 100

77 34.5 25.8 38.8

