

Data File : VU030050.D
Acq On : 13 Mar 2019 23:14
Operator : JC/SP
Sample : K1885-09
Misc : 5.89g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF193

Quant Time: Mar 14 03:55:49 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	519893	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	526294	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	278495	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	118001	34.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	68.62%
7) Chloroethane-d5	1.64	69	57271	20.63	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	41.26%#
11) 1,1-Dichloroethene-d2	2.23	63	160862	25.92	ug/L	-0.05
Spiked Amount	50.000	Range	60 - 125	Recovery	=	51.84%#
21) 2-Butanone-d5	4.19	46	243468	94.50	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.50%
24) Chloroform-d	4.64	84	248652	40.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.62%
26) 1,2-Dichloroethane-d4	5.30	65	155705	43.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.38%
32) Benzene-d6	5.33	84	520439	38.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	76.84%
36) 1,2-Dichloropropane-d6	6.32	67	169332	40.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	81.68%
41) Toluene-d8	7.56	98	461377	36.37	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	72.74%#
43) trans-1,3-Dichloropropene-	7.85	79	77388	38.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.06%
47) 2-Hexanone-d5	8.32	63	232862	100.37	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.37%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	310248	48.69	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.38%
64) 1,2-Dichlorobenzene-d4	11.86	152	230797	42.78	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.56%

Target Compounds

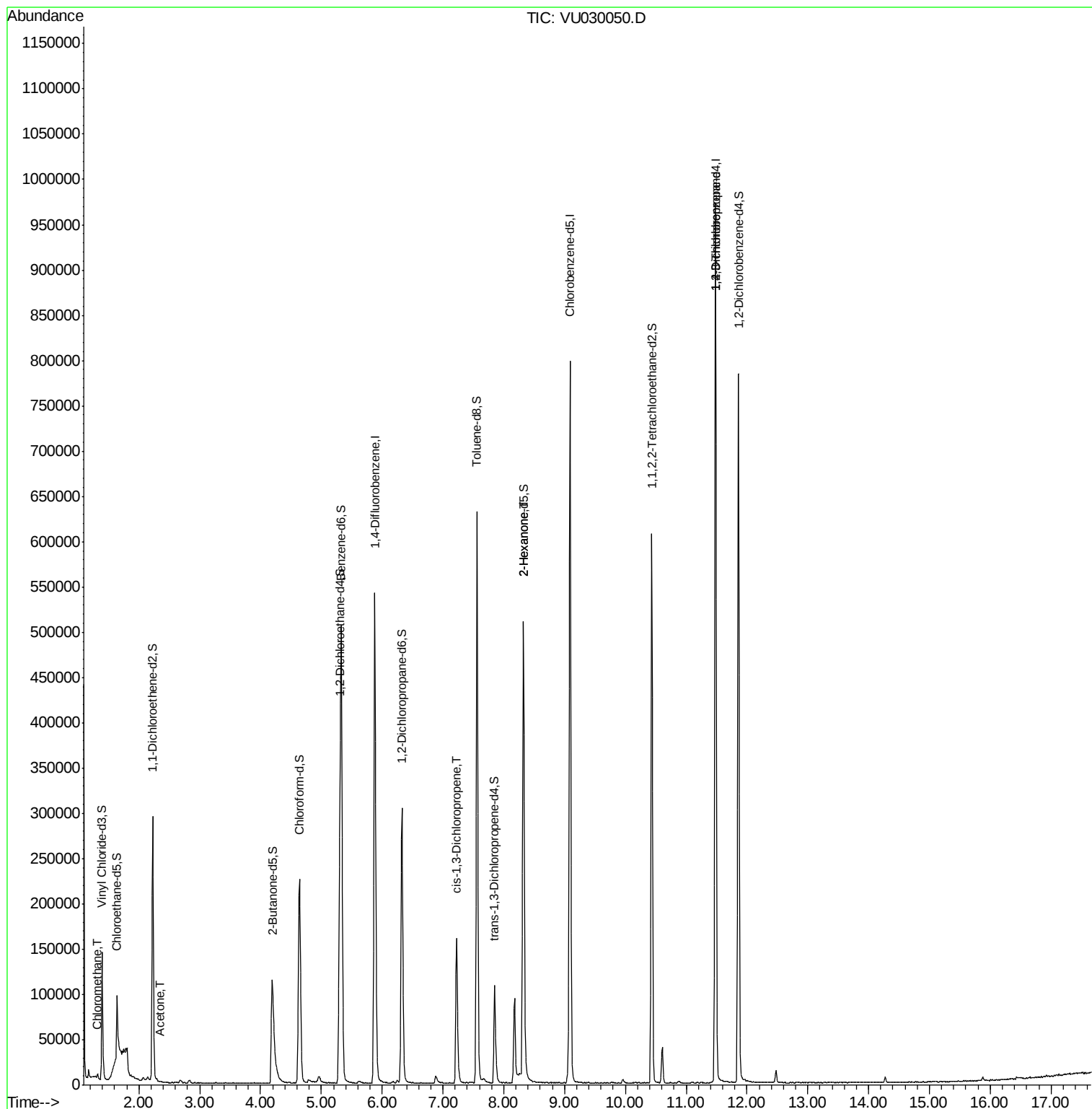
					Qvalue
3) Chloromethane	1.32	50	3569	0.985 ug/L	96
13) Acetone	2.35	43	1928	0.640 ug/L	64
39) cis-1,3-Dichloropropene	7.22	75	4028	0.653 ug/L #	57
48) 2-Hexanone	8.32	43	22324	4.892 ug/L #	63
59) 1,2,3-Trichloropropane	11.49	75	28290	5.484 ug/L	95

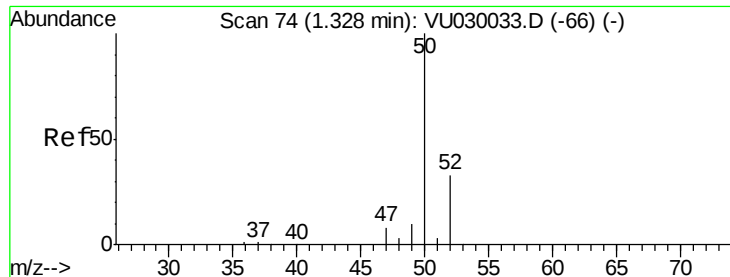
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.985 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.01 min

Lab File: VU030050.D

Acq: 13 Mar 2019 23:14

Instrument :

MSVOA_U

ClientSampleId :

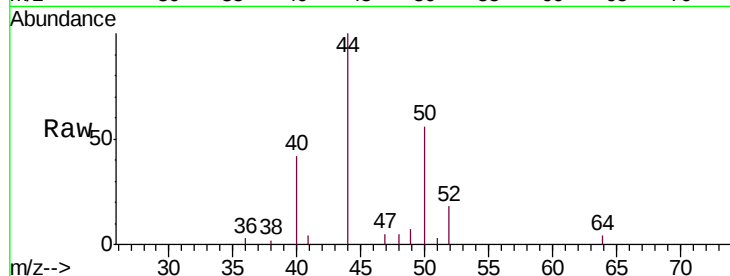
BF193

Tgt Ion: 50 Resp: 3569

Ion Ratio Lower Upper

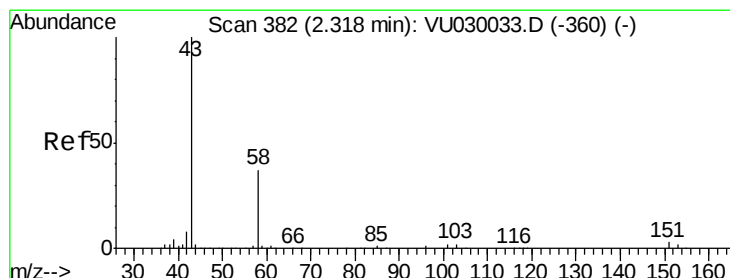
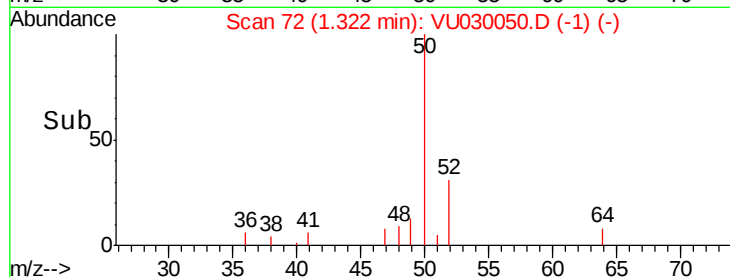
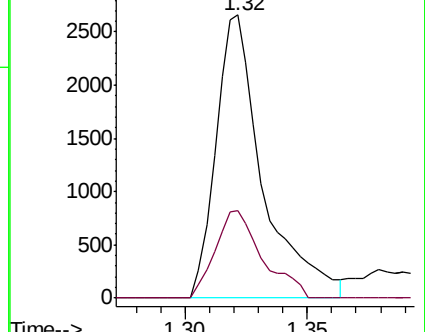
50 100

52 31.1 23.4 43.6



Abundance Ion 50.00 (49.70 to 50.70): VU030033.D (-66) (-)

Ion 52.00 (51.70 to 52.70): VU030033.D (-66) (-)



#13

Acetone

Concen: 0.640 ug/L

RT: 2.35 min Scan# 392

Delta R.T. 0.03 min

Lab File: VU030050.D

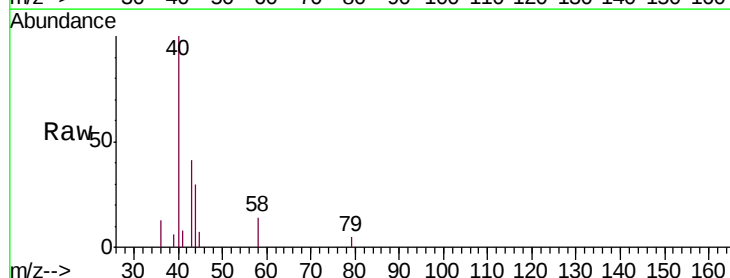
Acq: 13 Mar 2019 23:14

Tgt Ion: 43 Resp: 1928

Ion Ratio Lower Upper

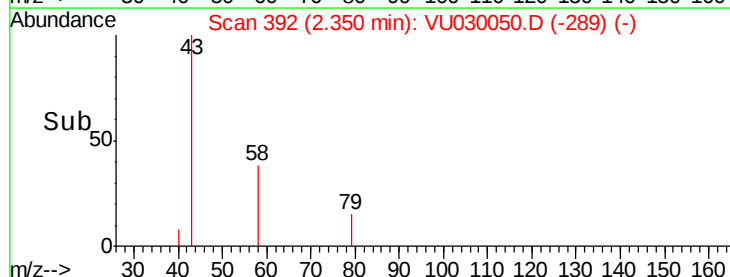
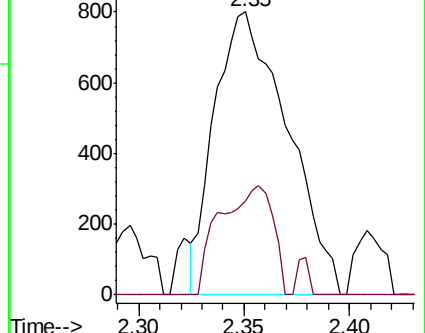
43 100

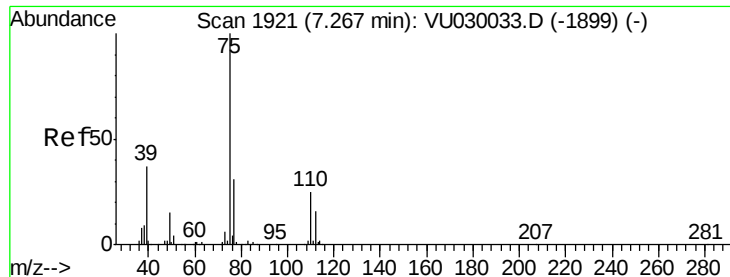
58 15.3 0.0 73.0



Abundance Ion 43.00 (42.70 to 43.70): VU030033.D (-360) (-)

Ion 58.00 (57.70 to 58.70): VU030033.D (-360) (-)



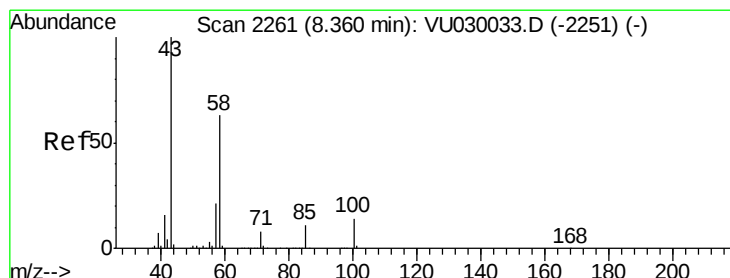
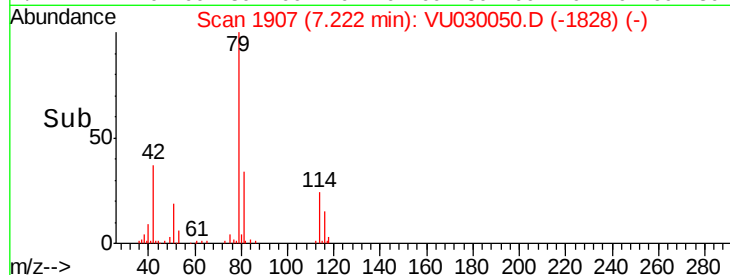
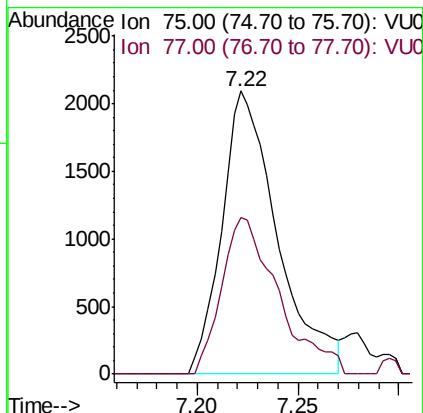
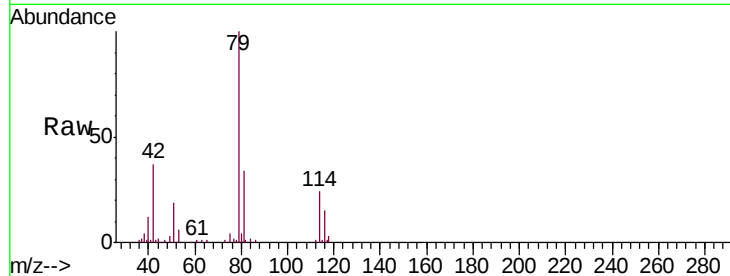


#39

cis-1,3-Dichloropropene
 Concen: 0.653 ug/L
 RT: 7.22 min Scan# 1907
 Delta R.T. -0.05 min
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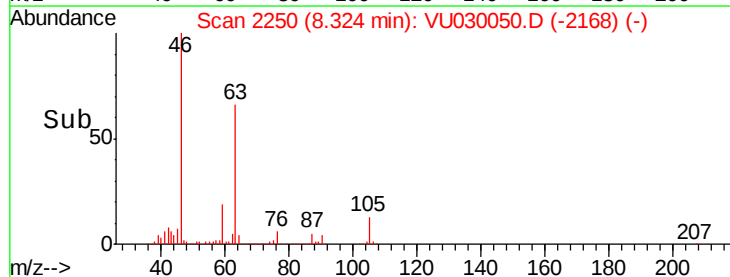
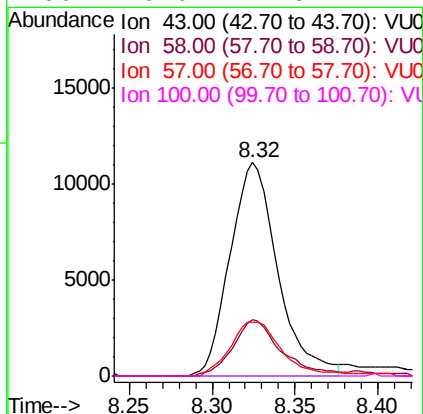
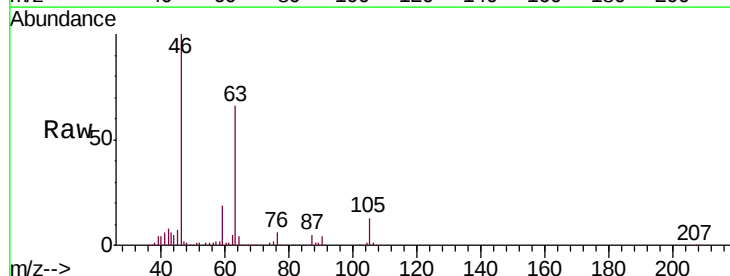
Tgt Ion: 75 Resp: 4028
 Ion Ratio Lower Upper
 75 100
 77 55.5 22.2 41.2#

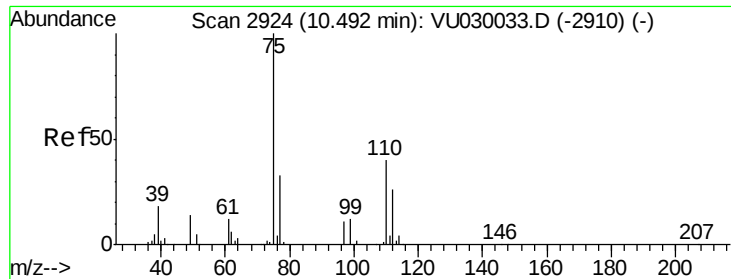


#48

2-Hexanone
 Concen: 4.892 ug/L
 RT: 8.32 min Scan# 2250
 Delta R.T. -0.04 min
 Lab File: VU030050.D
 Acq: 13 Mar 2019 23:14

Tgt Ion: 43 Resp: 22324
 Ion Ratio Lower Upper
 43 100
 58 26.5 48.6 72.8#
 57 26.6 16.1 24.1#
 100 0.0 11.6 17.4#





#59

1,2,3-Trichloropropane

Concen: 5.484 ug/L

RT: 11.49 min Scan# 3233

Delta R.T. 0.99 min

Lab File: VU030050.D

Acq: 13 Mar 2019 23:14

Instrument :

MSVOA_U

ClientSampleId :

BF193

Tgt Ion: 75 Resp: 28290

Ion Ratio Lower Upper

75 100

77 35.0 25.8 38.8

