

Data File : VV013959.D
Acq On : 09 Dec 2019 13:43
Operator : SY/MD
Sample : K6146-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBBS5

Quant Time: Dec 10 04:32:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Dec 10 04:29:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	771457	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	789482	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	306572	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	183228	41.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.14%
7) Chloroethane-d5	1.57	69	191867	41.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.40%
11) 1,1-Dichloroethene-d2	2.13	63	305374	30.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.90%
21) 2-Butanone-d5	3.92	46	319855	101.85	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.85%
24) Chloroform-d	4.40	84	422497	45.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.18%
26) 1,2-Dichloroethane-d4	5.07	65	275538	46.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.82%
32) Benzene-d6	5.09	84	867589	42.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.82%
36) 1,2-Dichloropropane-d6	6.11	67	263730	42.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.90%
41) Toluene-d8	7.35	98	758013	40.64	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.28%
43) trans-1,3-Dichloropropene-	7.66	79	116564	39.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.02%
47) 2-Hexanone-d5	8.13	63	238807	104.15	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.15%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	371908	41.83	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	83.66%
64) 1,2-Dichlorobenzene-d4	11.67	152	275664	45.78	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.56%

Target Compounds

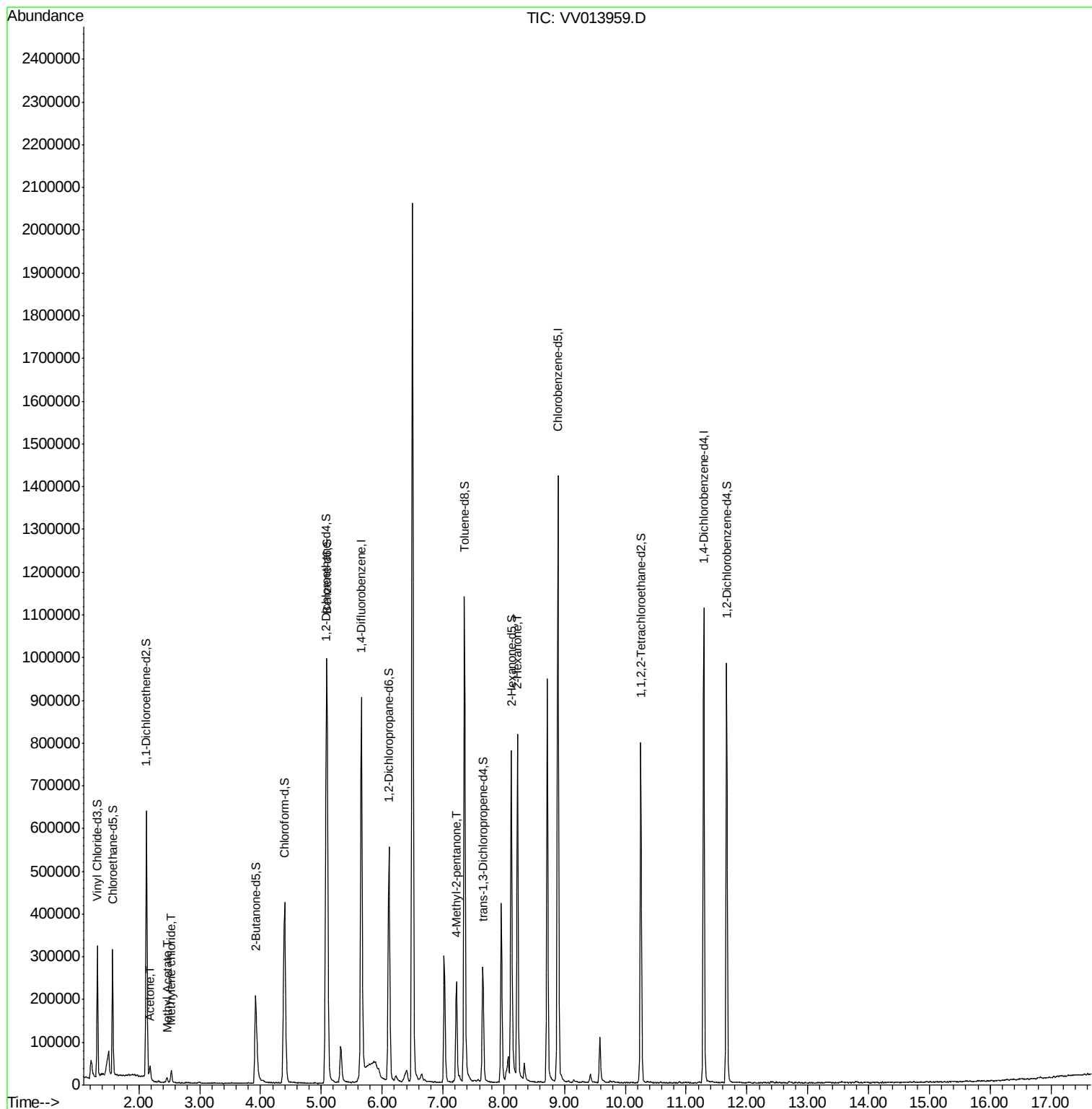
					Qvalue
13) Acetone	2.18	43	21435	4.658 ug/L	90
15) Methyl Acetate	2.46	43	15330	2.703 ug/L	92
16) Methylene chloride	2.53	84	13093	2.243 ug/L	97
40) 4-Methyl-2-pentanone	7.22	43	78497	10.609 ug/L #	51
48) 2-Hexanone	8.23	43	108071	18.258 ug/L #	1

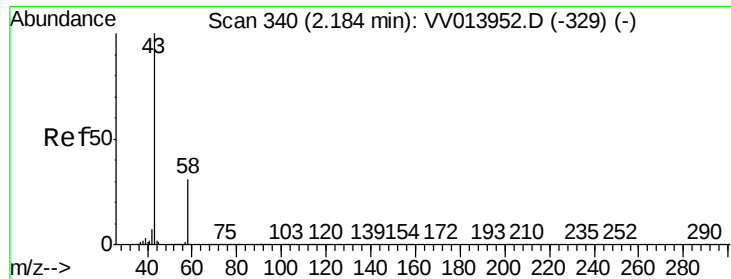
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.658 ug/L

RT: 2.18 min Scan# 340

Delta R.T. -0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

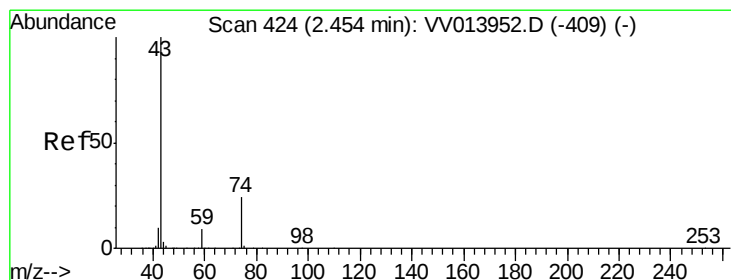
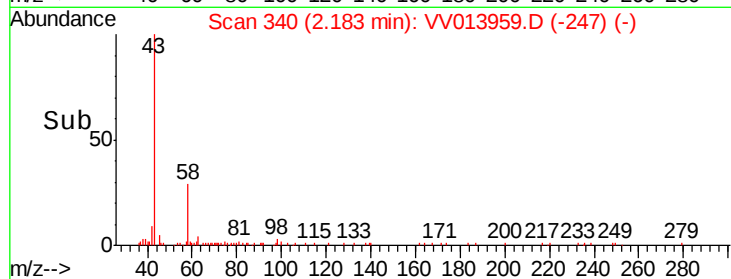
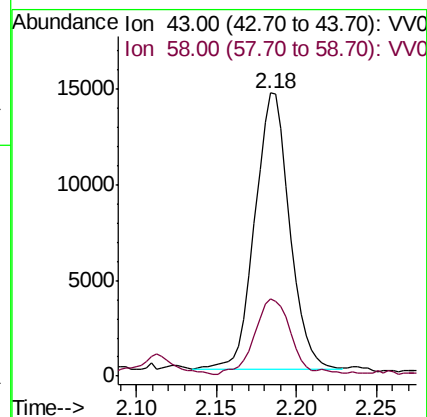
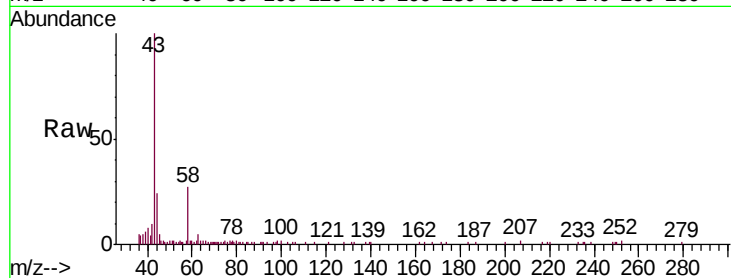
DBBS5

Tgt Ion: 43 Resp: 21435

Ion Ratio Lower Upper

43 100

58 24.7 0.0 60.8



#15

Methyl Acetate

Concen: 2.703 ug/L

RT: 2.46 min Scan# 427

Delta R.T. 0.01 min

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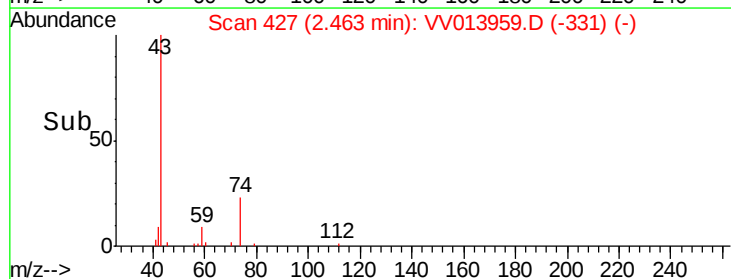
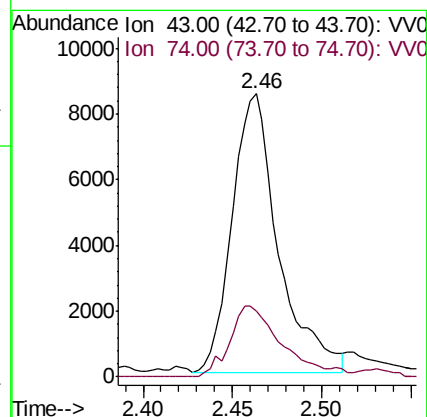
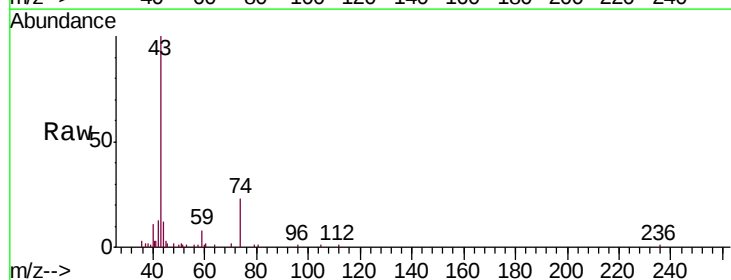
Acq: 09 Dec 2019 13:43

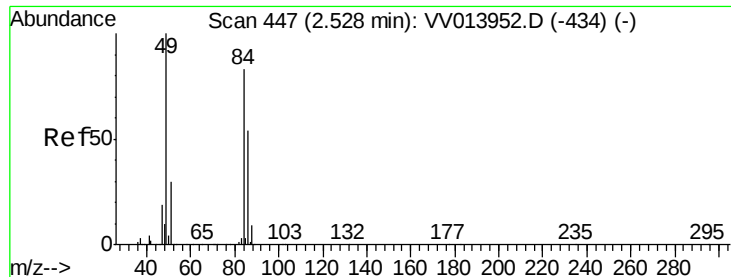
Tgt Ion: 43 Resp: 15330

Ion Ratio Lower Upper

43 100

74 28.1 19.3 28.9

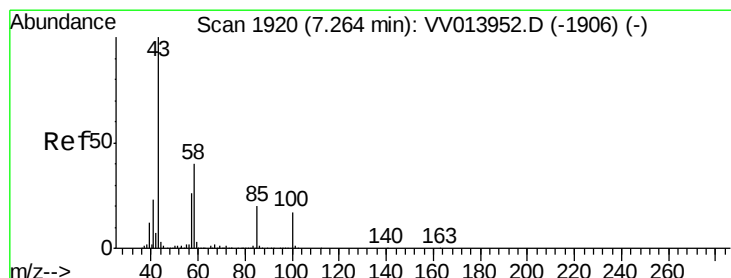
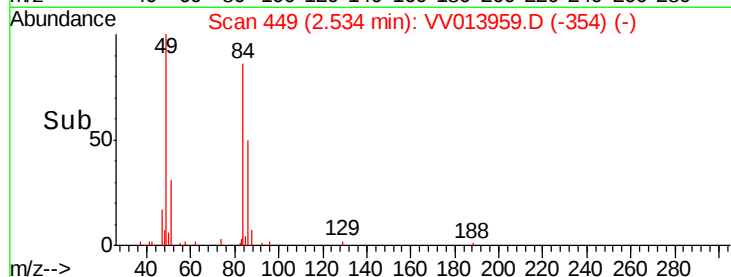
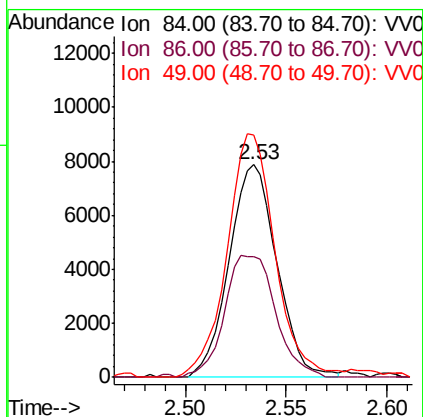
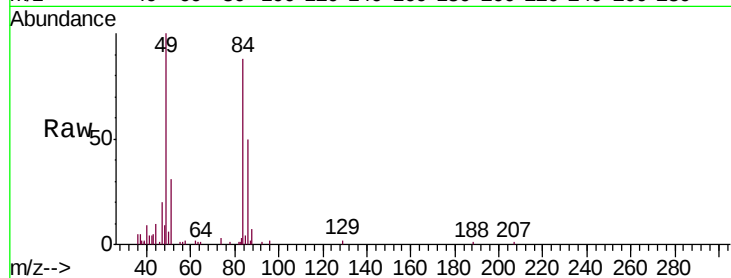




#16
Methylene chloride
Concen: 2.243 ug/L
RT: 2.53 min Scan# 449
Delta R.T. 0.01 min
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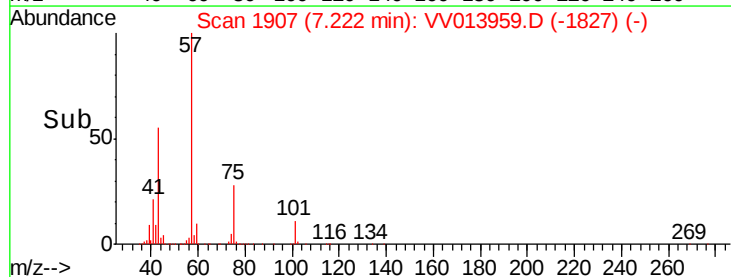
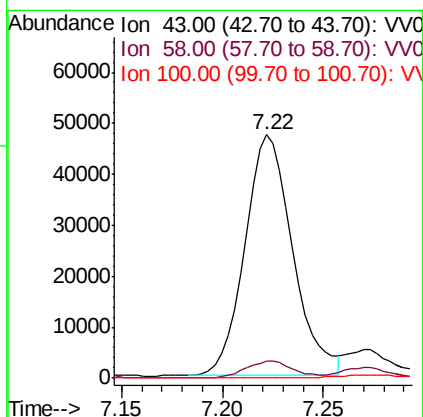
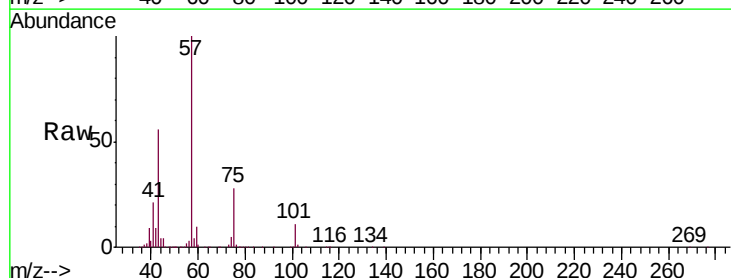
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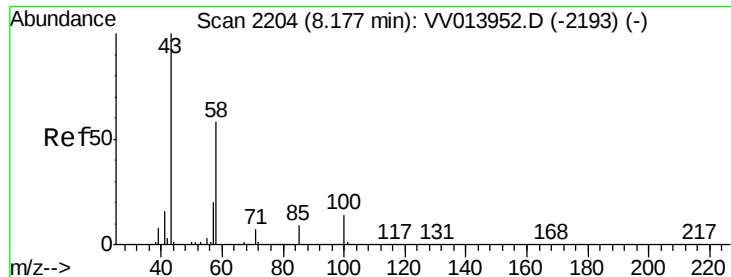
Tgt Ion: 84 Resp: 13093
Ion Ratio Lower Upper
84 100
86 56.8 43.9 81.5
49 114.1 79.7 147.9



#40
4-Methyl-2-pentanone
Concen: 10.609 ug/L
RT: 7.22 min Scan# 1907
Delta R.T. -0.04 min
Lab File: VV013959.D
Acq: 09 Dec 2019 13:43

Tgt Ion: 43 Resp: 78497
Ion Ratio Lower Upper
43 100
58 7.1 31.9 47.9#
100 0.1 13.7 20.5#





#48

2-Hexanone

Concen: 18.258 ug/L

RT: 8.23 min Scan# 2220

Delta R.T. 0.05 min

Lab File: VV013959.D

Acq: 09 Dec 2019 13:43

Instrument :

MSVOA_V

ClientSampleId :

DBBS5

Tgt Ion: 43 Resp: 108071

Ion Ratio Lower Upper

43 100

58 21.0 48.4 72.6#

57 521.9 16.6 24.8#

100 0.3 11.9 17.9#

