

Data File : VV014035.D
Acq On : 12 Dec 2019 16:38
Operator : SY/MD
Sample : K6280-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFF28

Quant Time: Dec 13 06:17:40 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 13 06:14:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	642386	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	606747	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	236089	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	179863	48.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.82%
7) Chloroethane-d5	1.56	69	184580	47.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.20%
11) 1,1-Dichloroethene-d2	2.12	63	280868	34.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.38%
21) 2-Butanone-d5	3.92	46	281680	107.72	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.72%
24) Chloroform-d	4.39	84	388918	49.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.70%
26) 1,2-Dichloroethane-d4	5.07	65	248164	50.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.38%
32) Benzene-d6	5.09	84	791801	50.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.72%
36) 1,2-Dichloropropane-d6	6.11	67	251977	53.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.78%
41) Toluene-d8	7.35	98	667241	46.55	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.10%
43) trans-1,3-Dichloropropene-	7.66	79	100494	43.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.52%
47) 2-Hexanone-d5	8.13	63	159902	90.74	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.74%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	318673	46.63	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.26%
64) 1,2-Dichlorobenzene-d4	11.67	152	255095	55.01	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.02%

Target Compounds

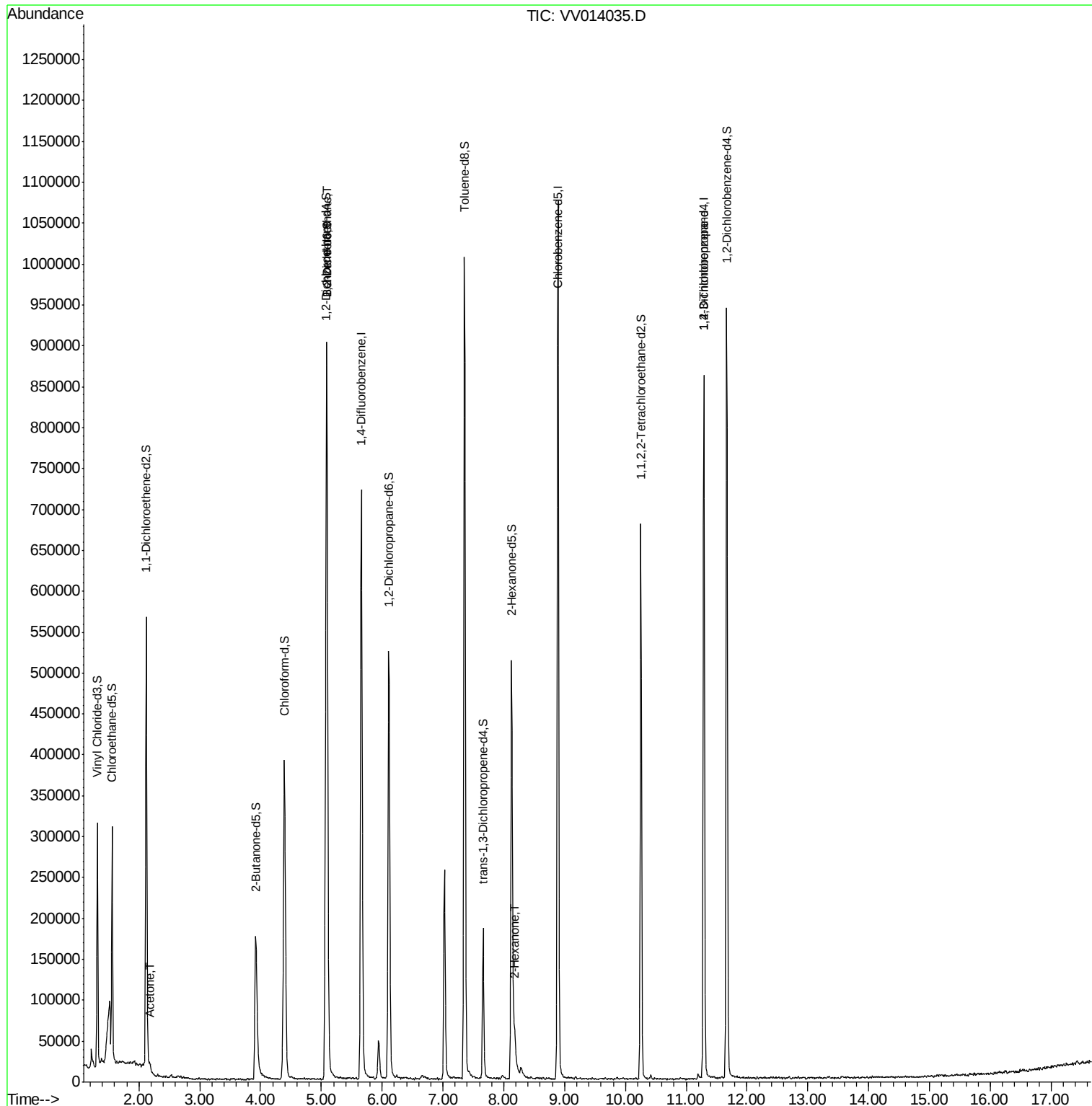
					Qvalue
13) Acetone	2.18	43	5110	1.333 ug/L	74
27) 1,2-Dichloroethane	5.09	62	4736	0.748 ug/L	95
48) 2-Hexanone	8.18	43	22511	4.949 ug/L #	75
59) 1,2,3-Trichloropropane	11.29	75	23541	3.978 ug/L	92

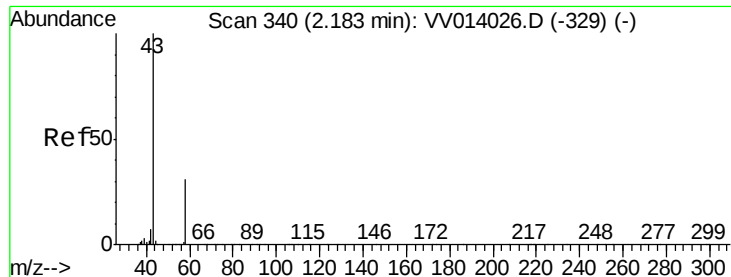
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.333 ug/L

RT: 2.18 min Scan# 340

Delta R.T. 0.00 min

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Instrument :

MSVOA_V

ClientSampled :

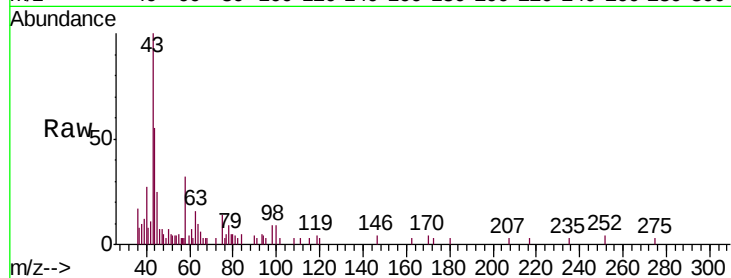
BFF28

Tgt Ion: 43 Resp: 5110

Ion Ratio Lower Upper

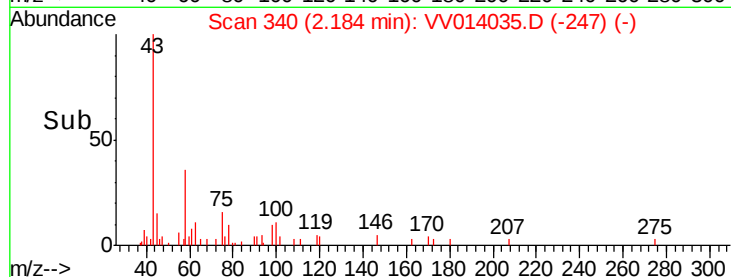
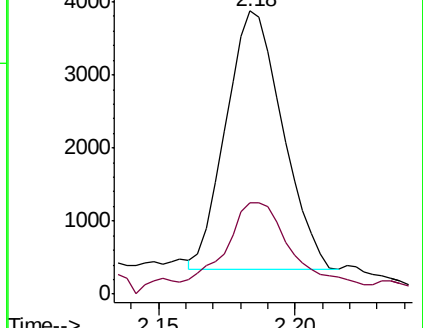
43 100

58 44.4 0.0 60.8

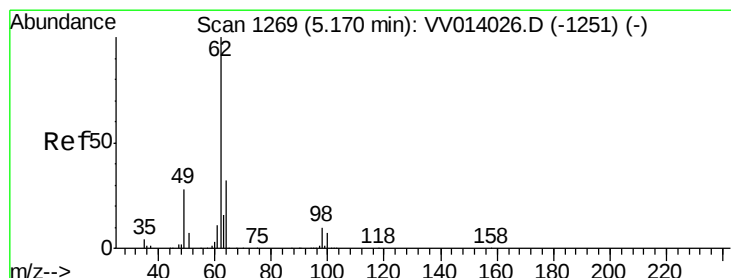


Abundance Ion 43.00 (42.70 to 43.70): VV014026.D (-329) (-)

Ion 58.00 (57.70 to 58.70): VV014026.D (-329) (-)



Time-->



#27

1,2-Dichloroethane

Concen: 0.748 ug/L

RT: 5.09 min Scan# 1244

Delta R.T. -0.08 min

Lab File: VV014035.D

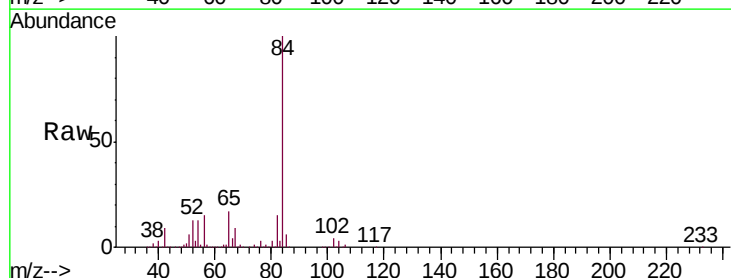
Acq: 12 Dec 2019 16:38

Tgt Ion: 62 Resp: 4736

Ion Ratio Lower Upper

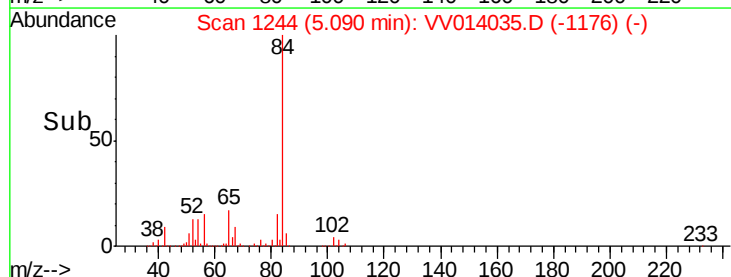
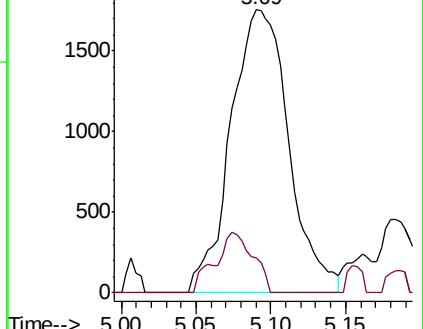
62 100

98 12.3 8.5 12.7

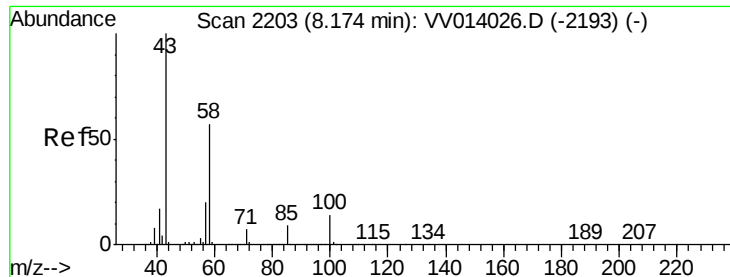


Abundance Ion 62.00 (61.70 to 62.70): VV014026.D (-1251) (-)

Ion 98.00 (97.70 to 98.70): VV014026.D (-1251) (-)



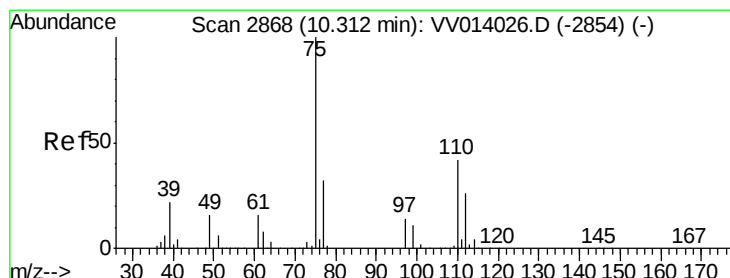
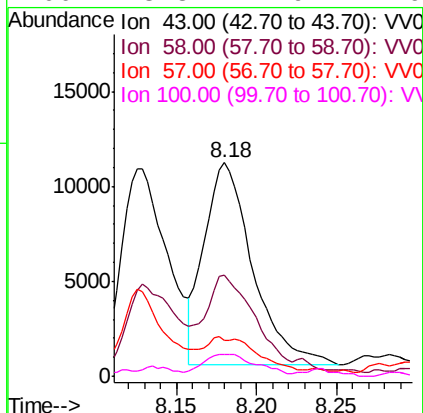
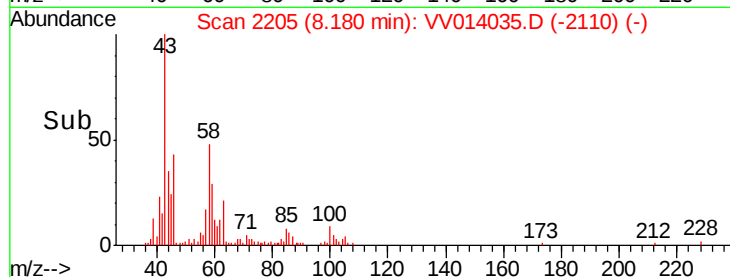
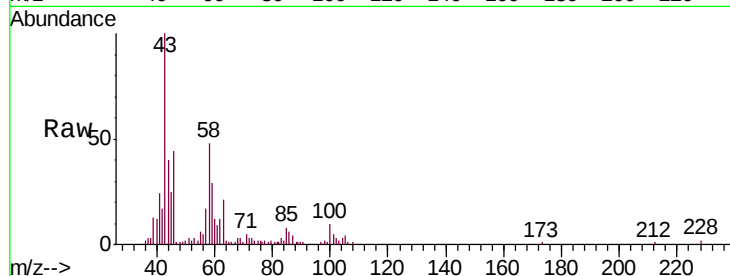
Time-->



#48
2-Hexanone
Concen: 4.949 ug/L
RT: 8.18 min Scan# 2205
Delta R.T. 0.01 min
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Tgt Ion: 43 Resp: 22511
Ion Ratio Lower Upper
43 100
58 45.5 48.4 72.6#
57 1.9 16.6 24.8#
100 3.8 11.9 17.9#



#59
1,2,3-Trichloropropane
Concen: 3.978 ug/L
RT: 11.29 min Scan# 3172
Delta R.T. 0.98 min
Lab File: VV014035.D
Acq: 12 Dec 2019 16:38

Tgt Ion: 75 Resp: 23541
Ion Ratio Lower Upper
75 100
77 36.7 25.8 38.8

