

Data File : VV013924.D
Acq On : 05 Dec 2019 18:50
Operator : SY/MD
Sample : K6170-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0BS3

Quant Time: Dec 06 04:11:42 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 06 04:06:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	586063	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	569716	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	198615	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	222562	65.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	131.32%
7) Chloroethane-d5	1.56	69	190210	53.76	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	107.52%
11) 1,1-Dichloroethene-d2	2.12	63	294421	39.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.56%
21) 2-Butanone-d5	3.92	46	264622	110.92	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.92%
24) Chloroform-d	4.39	84	374117	52.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.12%
26) 1,2-Dichloroethane-d4	5.07	65	239681	53.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.28%
32) Benzene-d6	5.09	84	779003	52.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.54%
36) 1,2-Dichloropropane-d6	6.11	67	238018	53.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	107.42%
41) Toluene-d8	7.35	98	627068	46.59	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.18%
43) trans-1,3-Dichloropropene-	7.66	79	95868	44.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.92%
47) 2-Hexanone-d5	8.13	63	148429	89.70	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.70%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	298623	46.54	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.08%
64) 1,2-Dichlorobenzene-d4	11.67	152	224645	57.59	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	115.18%

Target Compounds

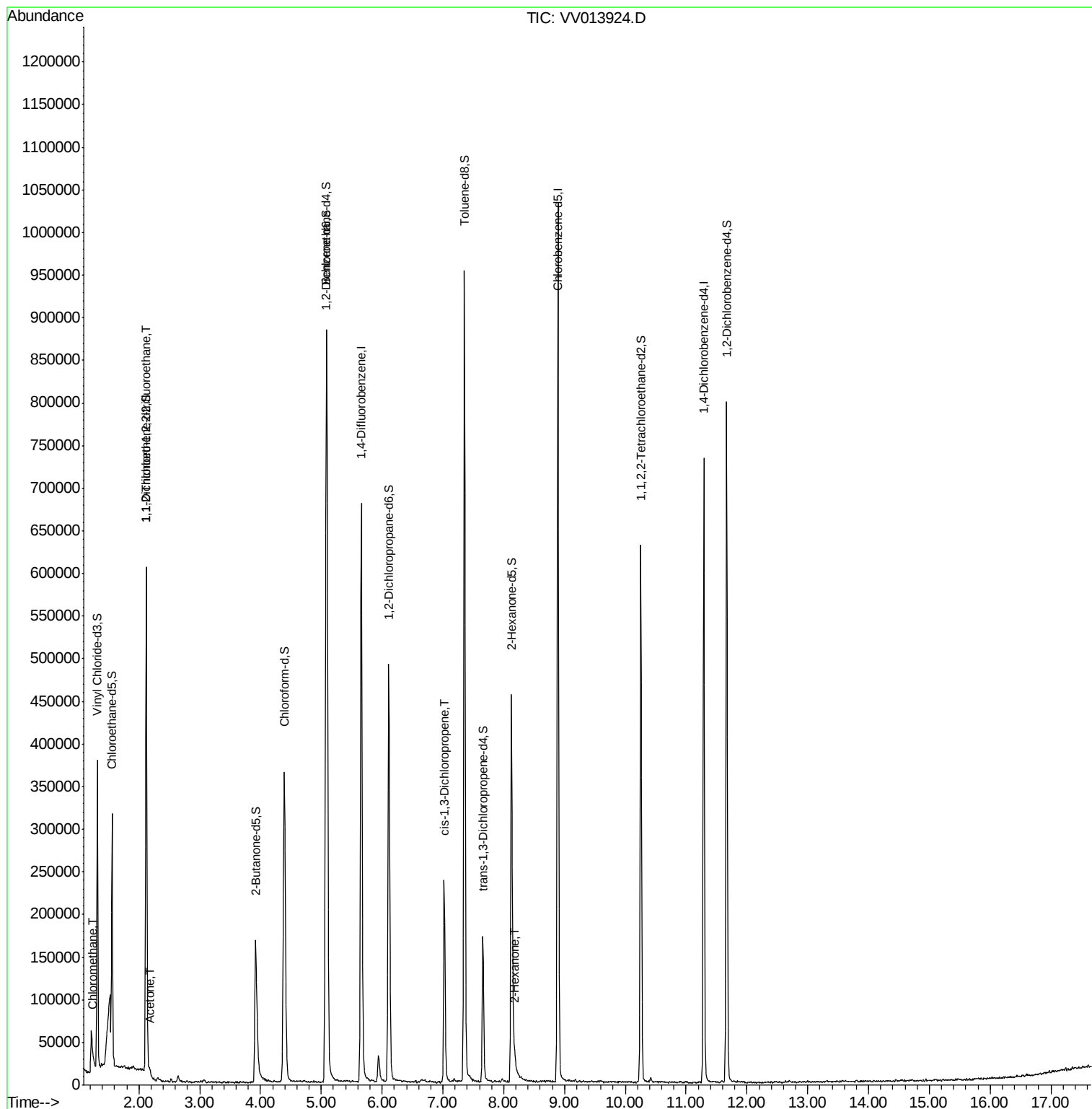
					Qvalue
3) Chloromethane	1.25	50	4588	0.962 ug/L	94
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	3380	0.767 ug/L #	20
13) Acetone	2.18	43	5992	1.714 ug/L	99
39) cis-1,3-Dichloropropene	7.02	75	5982	0.925 ug/L	95
48) 2-Hexanone	8.19	43	12881	3.016 ug/L #	36

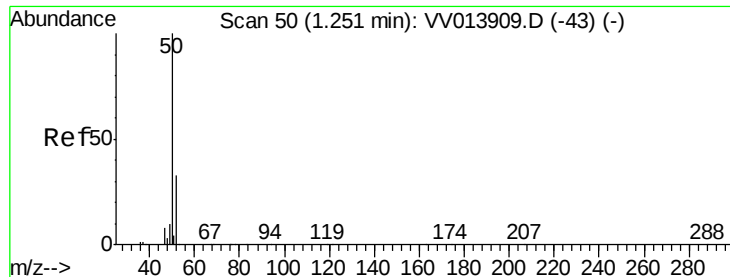
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.962 ug/L

RT: 1.25 min Scan# 50

Delta R.T. -0.00 min

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Acq: 05 Dec 2019 18:50

Instrument :

MSVOA_V

ClientSampleId :

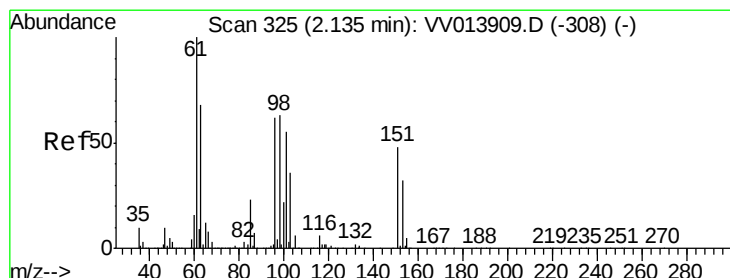
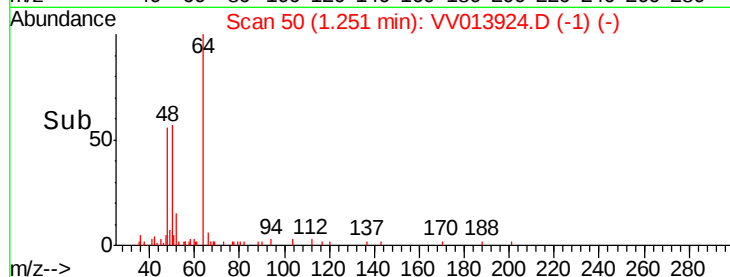
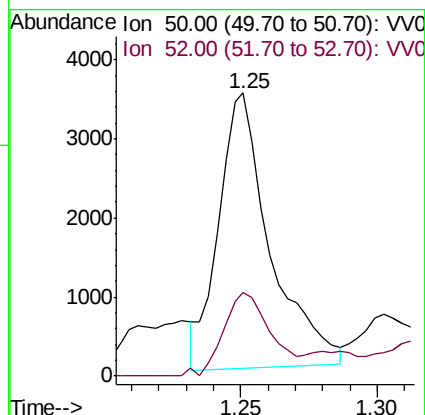
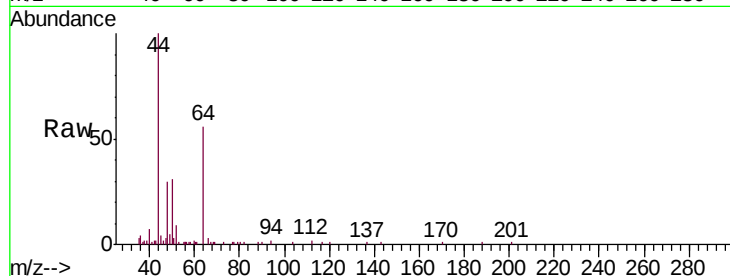
C0BS3

Tgt Ion: 50 Resp: 4588

Ion Ratio Lower Upper

50 100

52 29.6 23.0 42.6



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.767 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

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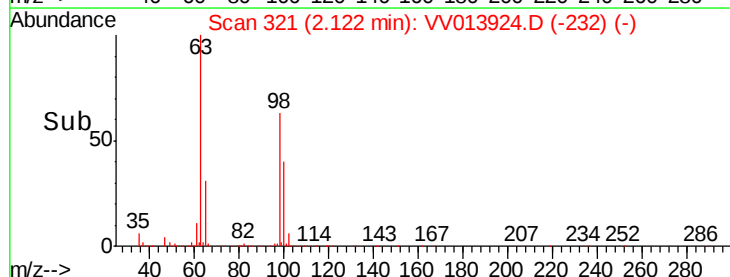
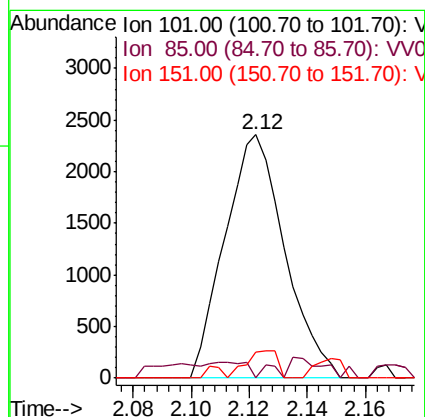
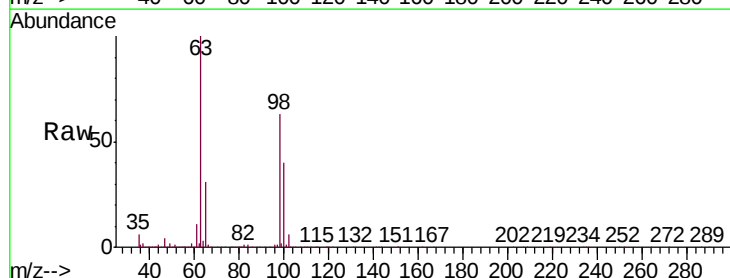
Tgt Ion: 101 Resp: 3380

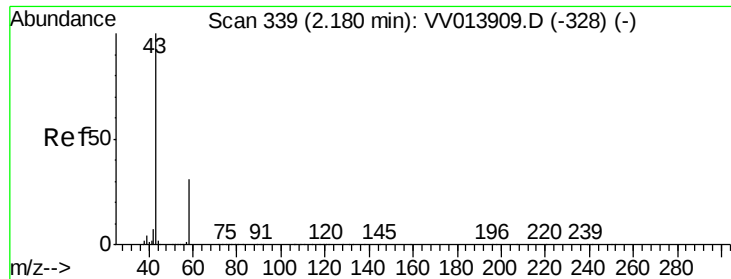
Ion Ratio Lower Upper

101 100

85 1.3 32.5 48.7#

151 5.8 69.8 104.6#





#13

Acetone

Concen: 1.714 ug/L

RT: 2.18 min Scan# 340

Delta R.T. 0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

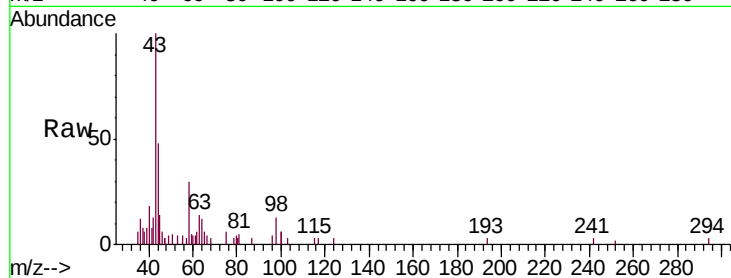
C0BS3

Tgt Ion: 43 Resp: 5992

Ion Ratio Lower Upper

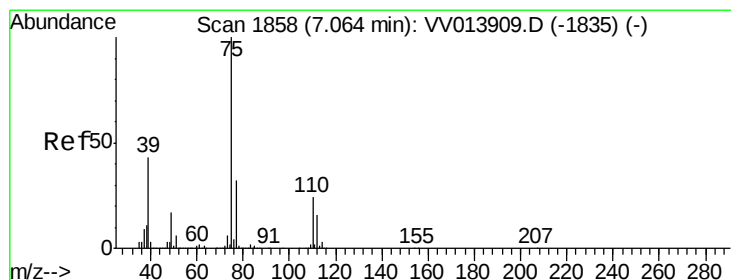
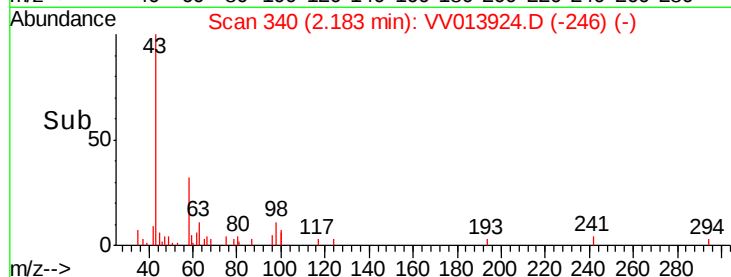
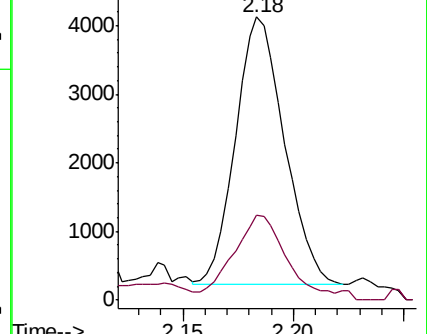
43 100

58 29.8 0.0 60.8



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0



#39

cis-1,3-Dichloropropene

Concen: 0.925 ug/L

RT: 7.02 min Scan# 1845

Delta R.T. -0.04 min

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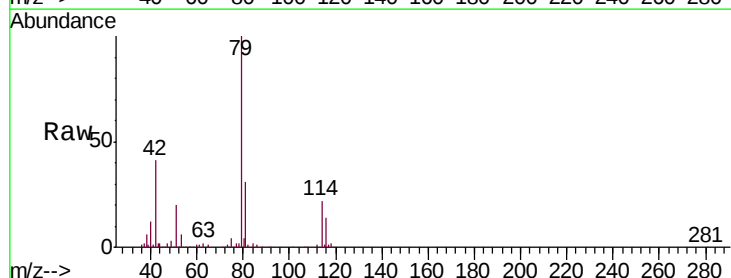
Acq: 05 Dec 2019 18:50

Tgt Ion: 75 Resp: 5982

Ion Ratio Lower Upper

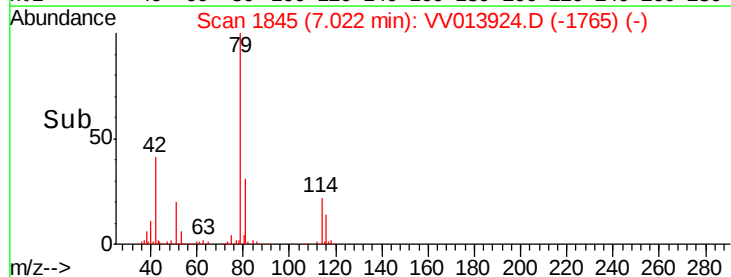
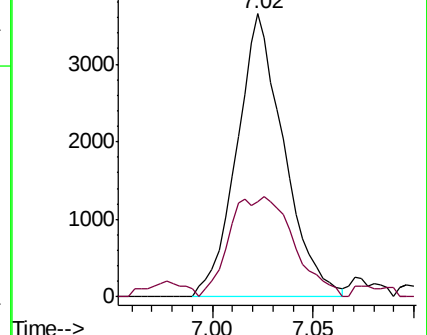
75 100

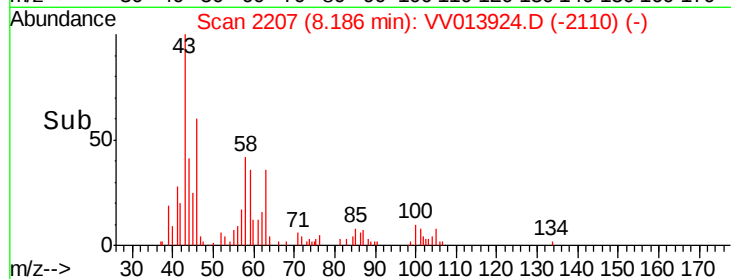
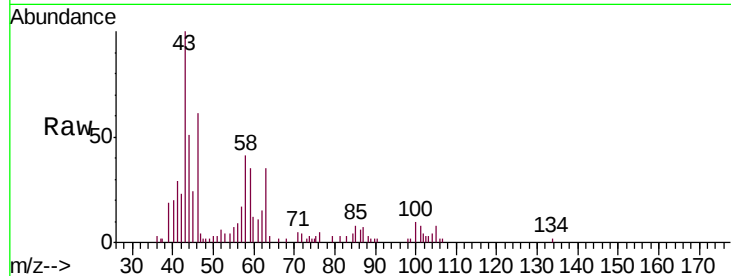
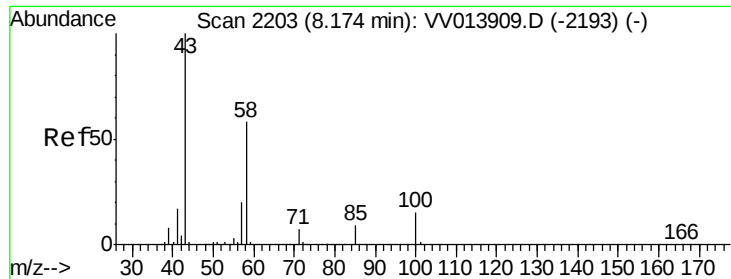
77 33.7 21.6 40.2



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0





#48

2-Hexanone

Concen: 3.016 ug/L

RT: 8.19 min Scan# 2207

Delta R.T. 0.01 min

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Acq: 05 Dec 2019 18:50

Instrument :

MSVOA_V

ClientSampleId :

C0BS3

Tgt Ion: 43 Resp: 12881

Ion Ratio Lower Upper

43 100

58 0.0 48.4 72.6#

57 0.0 16.6 24.8#

100 4.7 11.9 17.9#

