

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101719\
 Data File : VV013194.D
 Acq On : 18 Oct 2019 02:34
 Operator : SY/MD
 Sample : K5321-06
 Misc : 25.00ML/MSVOA V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 18 03:43:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR101719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 18 03:32:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.68	114	447080	5.00	ug/L	0.02
28) Chlorobenzene-d5	8.90	117	477310	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	223700	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	219047	4.62	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.40%
7) Chloroethane-d5	1.59	69	169973	4.76	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.20%
11) 1,1-Dichloroethene-d2	2.13	63	220945	3.24	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.80%
20) 2-Butanone-d5	4.02	46	560345	60.19	ug/L	0.05
Spiked Amount	50.000	Range	40 - 130	Recovery	=	120.38%
24) Chloroform-d	4.40	84	393756	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
26) 1,2-Dichloroethane-d4	5.09	65	202782	5.13	ug/L	0.01
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.60%
32) Benzene-d6	5.10	84	786279	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
36) 1,2-Dichloropropane-d6	6.14	67	246297	4.87	ug/L	0.02
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.40%
41) Toluene-d8	7.37	98	631465	4.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.80%
43) trans-1,3-Dichloropropene-	7.67	79	80728	4.41	ug/L	0.01
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.20%
46) 2-Hexanone-d5	8.14	63	397452	52.68	ug/L	0.01
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.36%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	188511	4.91	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	264761	5.81	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	116.20%

Target Compounds

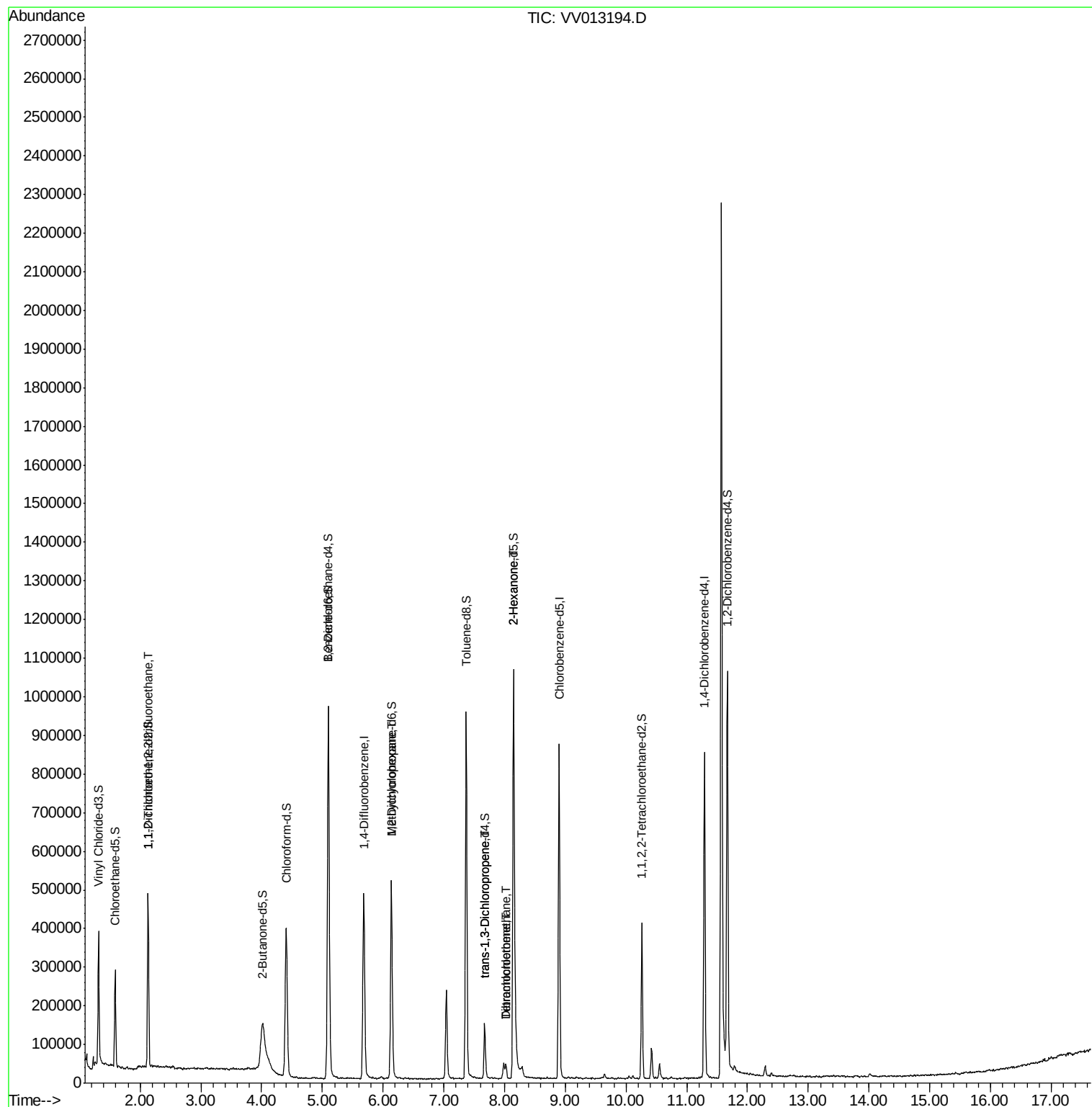
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	2742	0.071	ug/L #	16
35) Methylcyclohexane	6.14	83	60057	0.770	ug/L #	18
44) trans-1,3-Dichloropropene	7.67	75	3697	0.077	ug/L #	61
47) Tetrachloroethene	8.02	164	8449	0.194	ug/L	94
48) 2-Hexanone	8.15	43	60703	3.264	ug/L #	78
49) Dibromochloromethane	8.02	129	7728	0.200	ug/L #	11

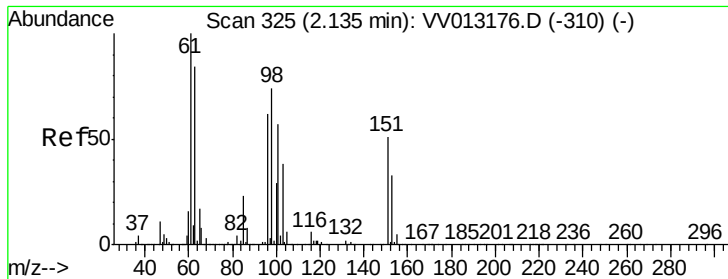
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 18 03:32:46 2019
Response via : Initial Calibration





#10

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

Concen: 0.071 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.00 min

Lab File: VV013194.D

Acq: 18 Oct 2019 02:34

Instrument :

MSVOA_V

ClientSampleId :

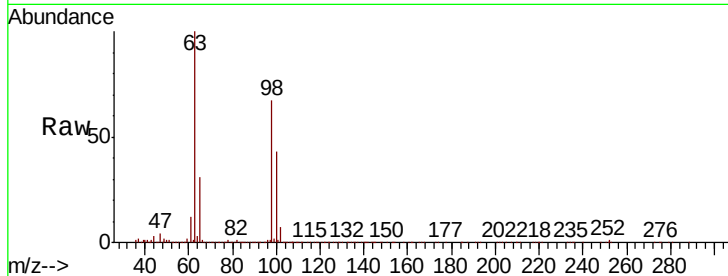
Tot Ion:101 Resp: 2742

Ion Ratio Lower Upper

101 100

85 4.0 32.4 48.6#

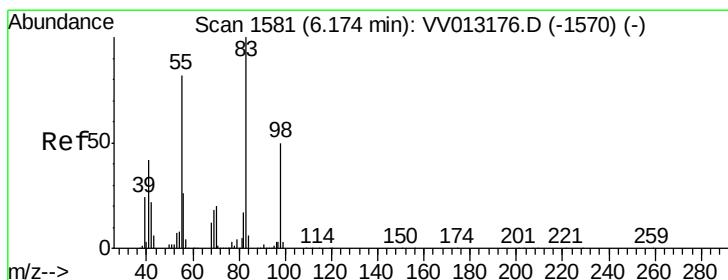
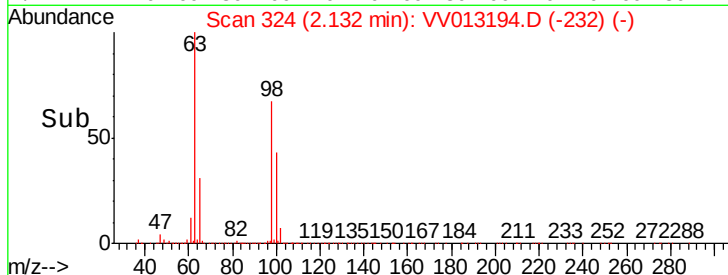
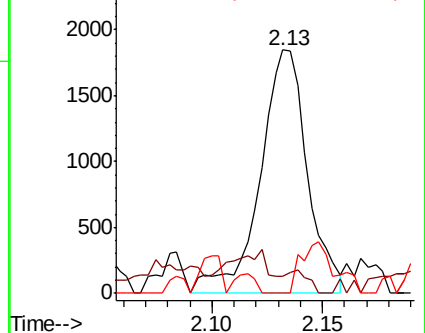
151 0.0 71.9 107.9#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#35

Methylcyclohexane

Concen: 0.770 ug/L

RT: 6.14 min Scan# 1570

Delta R.T. -0.04 min

Lab File: VV013194.D

Acq: 18 Oct 2019 02:34

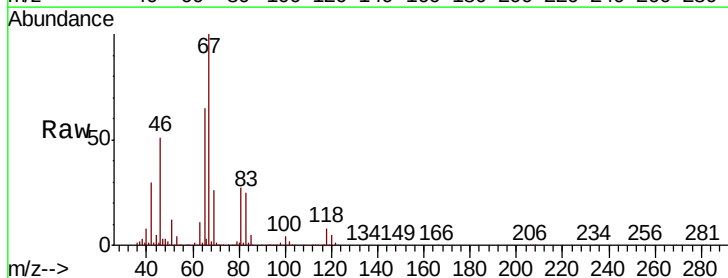
Tgt Ion: 83 Resp: 60057

Ion Ratio Lower Upper

83 100

55 0.7 64.0 96.0#

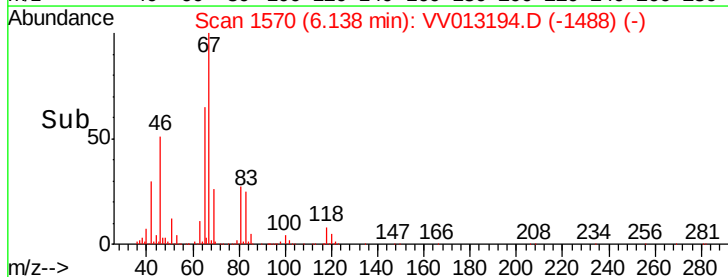
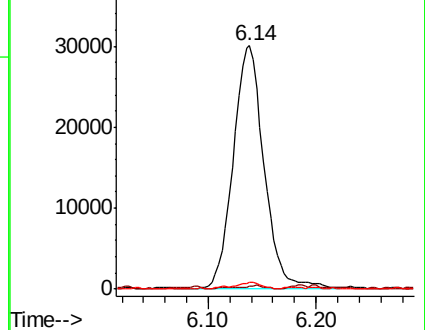
98 2.1 38.6 57.8#

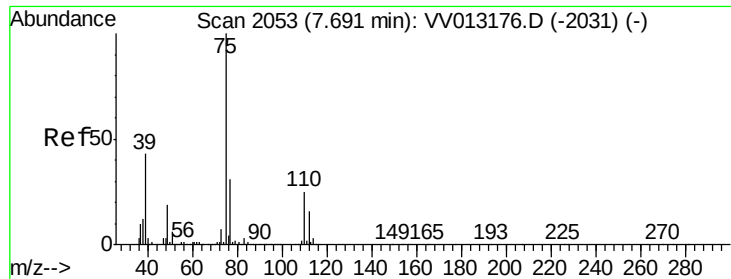


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0





#44

trans-1,3-Dichloropropene

Concen: 0.077 ug/L

RT: 7.67 min Scan# 2047

Delta R.T. -0.02 min

Lab File: VV013194.D

Acq: 18 Oct 2019 02:34

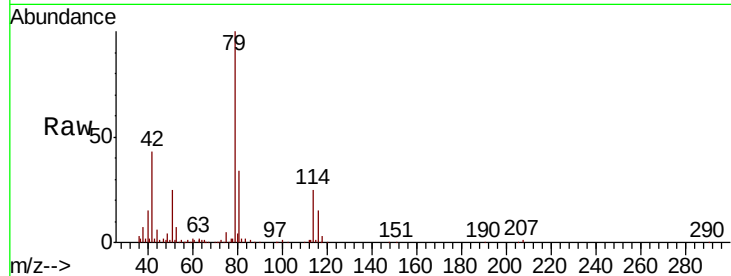
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 75 Resp: 3697

Ion Ratio Lower Upper

75 100

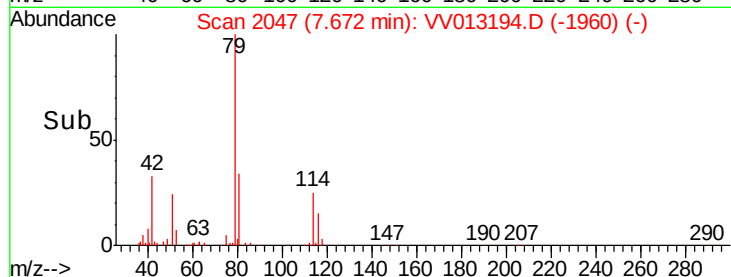
77 52.6 21.8 40.4#



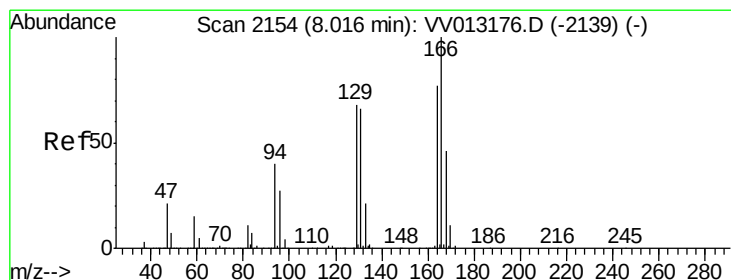
Abundance Ion 75.05 (74.75 to 75.75): VV013176.D (-2031) (-)

Ion 77.05 (76.75 to 77.75): VV013194.D (-1960) (-)

Time-->



Time-->



#47

Tetrachloroethene

Concen: 0.194 ug/L

RT: 8.02 min Scan# 2156

Delta R.T. 0.01 min

Lab File: VV013194.D

Acq: 18 Oct 2019 02:34

Tgt Ion: 164 Resp: 8449

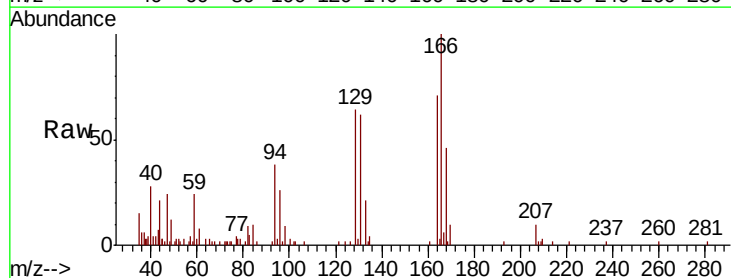
Ion Ratio Lower Upper

164 100

129 91.0 62.2 115.4

131 88.4 59.9 111.3

166 141.5 91.1 169.1



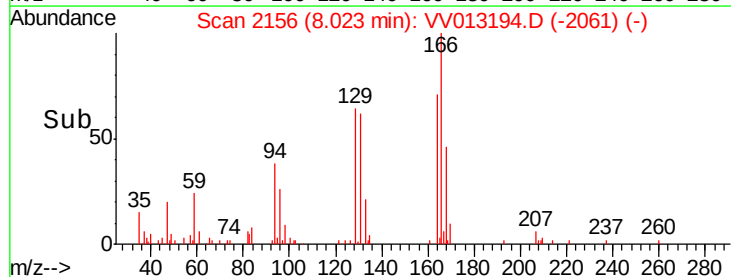
Abundance Ion 163.90 (163.60 to 164.60): VV013176.D (-2139) (-)

Ion 128.95 (128.65 to 129.65): VV013194.D (-2061) (-)

Ion 130.95 (130.65 to 131.65): VV013194.D (-2061) (-)

Ion 165.90 (165.60 to 166.60): VV013194.D (-2061) (-)

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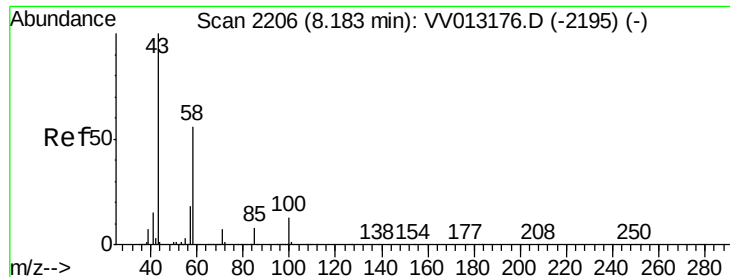
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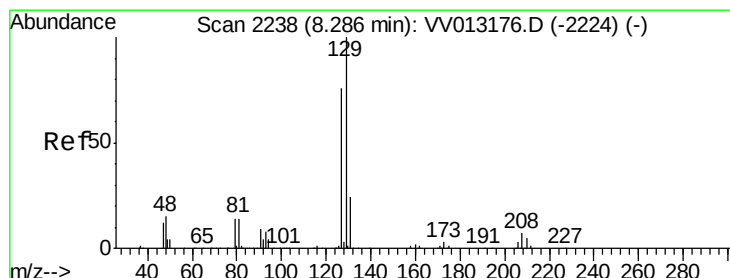
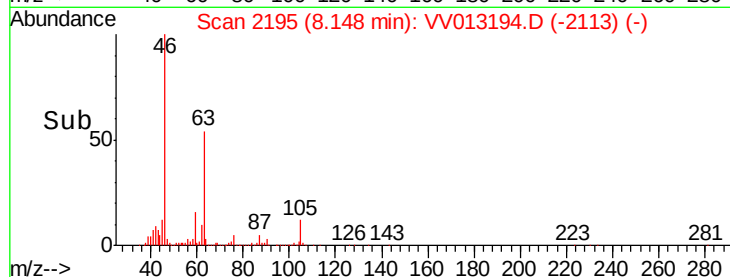
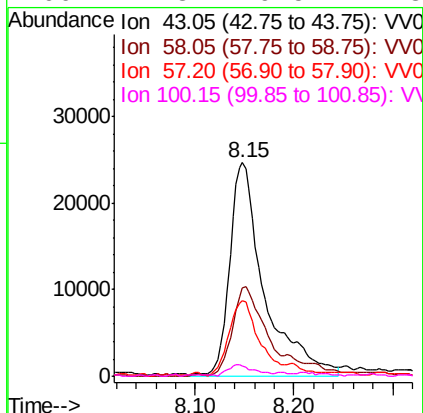
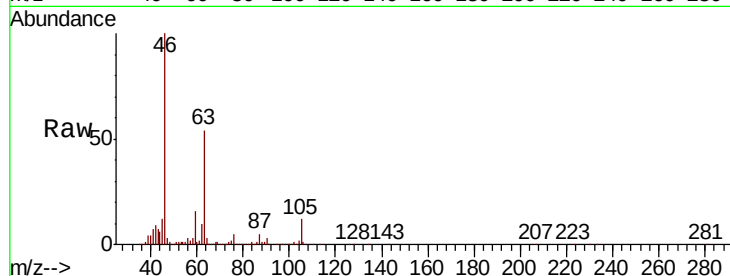
Time-->



#48
2-Hexanone
Concen: 3.264 ug/L
RT: 8.15 min Scan# 2195
Delta R.T. -0.04 min
Lab File: VV013194.D
Acq: 18 Oct 2019 02:34

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 60703
Ion Ratio Lower Upper
43 100
58 40.8 44.2 66.2#
57 30.8 14.5 21.7#
100 4.3 9.5 14.3#



#49
Dibromochloromethane
Concen: 0.200 ug/L
RT: 8.02 min Scan# 2155
Delta R.T. -0.27 min
Lab File: VV013194.D
Acq: 18 Oct 2019 02:34

Tgt Ion: 129 Resp: 7728
Ion Ratio Lower Upper
129 100
127 0.0 53.2 98.8#

