

Data File : VV013311.D
Acq On : 23 Oct 2019 22:09
Operator : SY/MD
Sample : K5395-20
Misc : 5.00ML/MSVOA_V/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0053

Quant Time: Oct 24 04:21:49 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102319WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Oct 24 04:17:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	1243958	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	1201772	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	536563	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	397942	48.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.52%
7) Chloroethane-d5	1.58	69	298224	46.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.70%
11) 1,1-Dichloroethene-d2	2.13	63	487028	40.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.72%
21) 2-Butanone-d5	3.93	46	546148	98.85	ug/L	-0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.85%
24) Chloroform-d	4.40	84	829272	46.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.34%
26) 1,2-Dichloroethane-d4	5.08	65	509107	48.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.50%
32) Benzene-d6	5.10	84	1698501	45.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.82%
36) 1,2-Dichloropropane-d6	6.12	67	536022	46.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.56%
41) Toluene-d8	7.36	98	1504444	45.10	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.20%
43) trans-1,3-Dichloropropene-	7.66	79	229536	45.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.80%
47) 2-Hexanone-d5	8.13	63	291860	84.11	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	84.11%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	680756	44.95	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.90%
64) 1,2-Dichlorobenzene-d4	11.67	152	628670	51.06	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.12%

Target Compounds

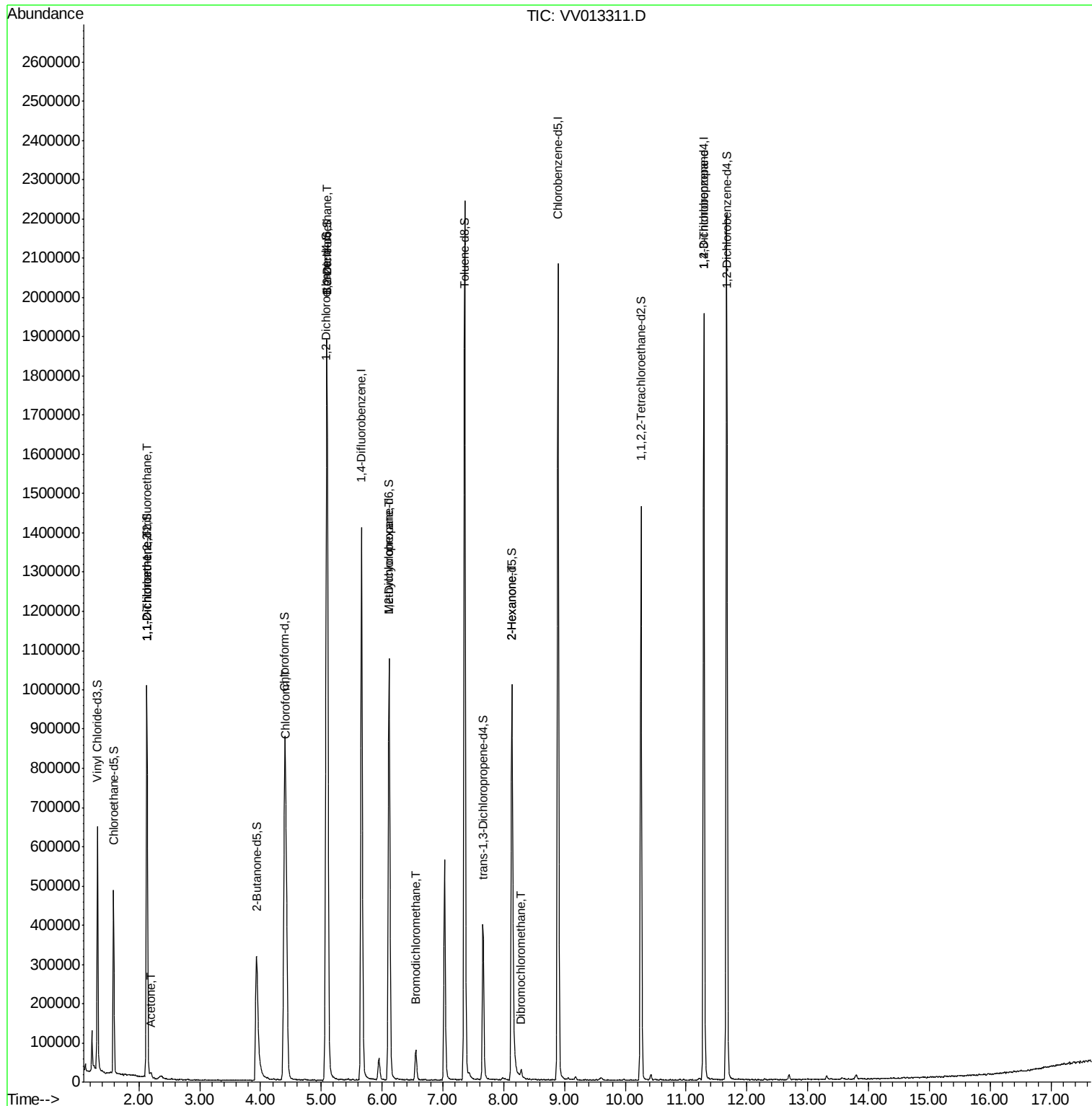
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	5503	0.842 ug/L #	13
12) 1,1-Dichloroethene	2.13	96	4583	0.728 ug/L #	1
13) Acetone	2.20	43	14001	3.429 ug/L	89
25) Chloroform	4.42	83	362596	22.562 ug/L	99
27) 1,2-Dichloroethane	5.10	62	9050	0.773 ug/L	98
35) Methylcyclohexane	6.11	83	128669	8.858 ug/L #	20
38) Bromodichloromethane	6.56	83	54419	4.494 ug/L	94
48) 2-Hexanone	8.14	43	47352	5.106 ug/L #	77
49) Dibromochloromethane	8.29	129	8835	0.862 ug/L	94
59) 1,2,3-Trichloropropane	11.29	75	53679	4.681 ug/L	97

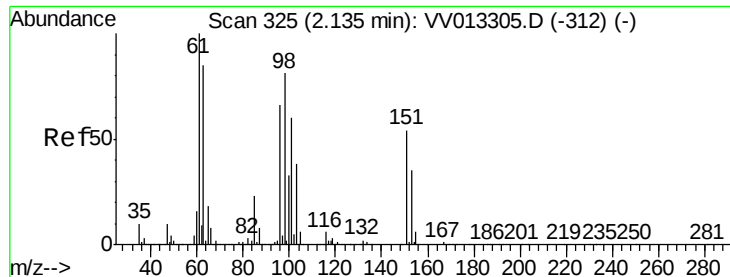
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.842 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

C0053

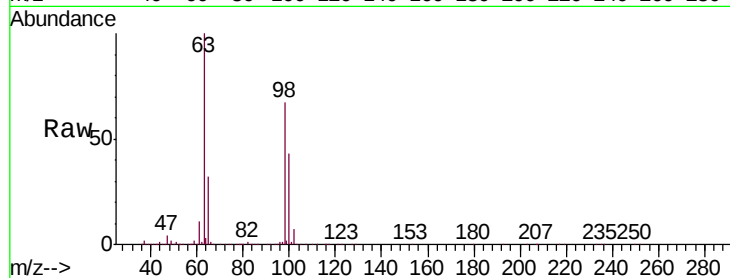
Tgt Ion: 101 Resp: 5503

Ion Ratio Lower Upper

101 100

85 1.3 31.4 47.2#

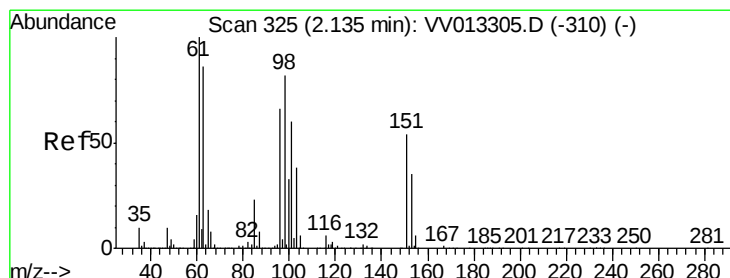
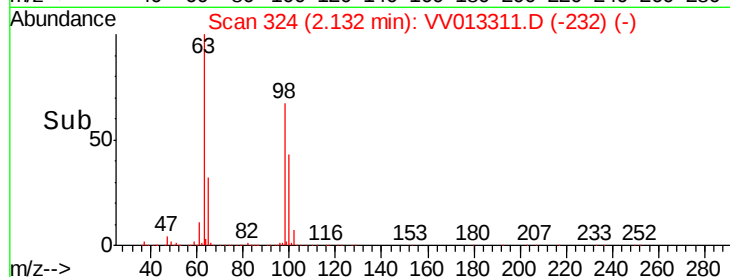
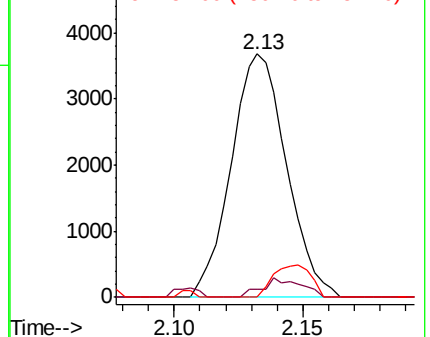
151 0.0 74.6 112.0#



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



#12

1,1-Dichloroethene

Concen: 0.728 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.00 min

Lab File: VV013311.D

Acq: 23 Oct 2019 22:09

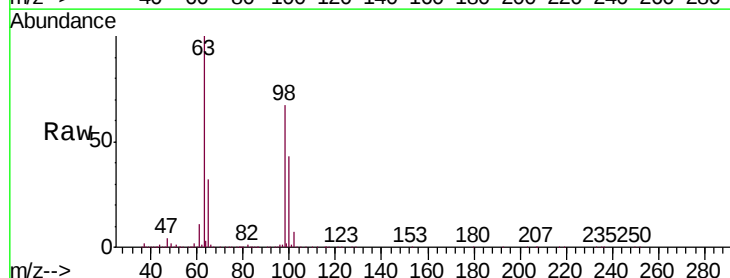
Tgt Ion: 96 Resp: 4583

Ion Ratio Lower Upper

96 100

61 1126.5 103.3 191.8#

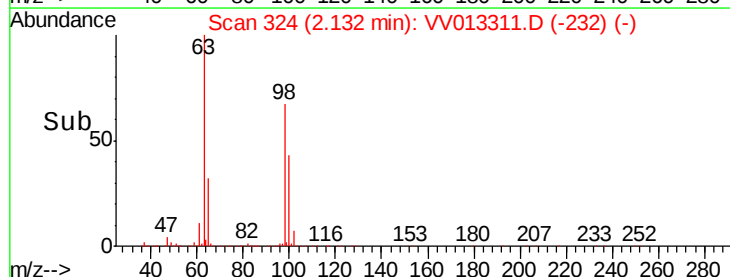
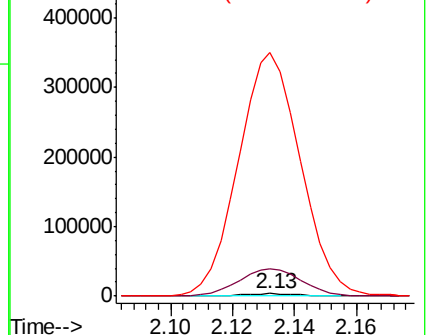
63 10117.9 74.8 138.8#

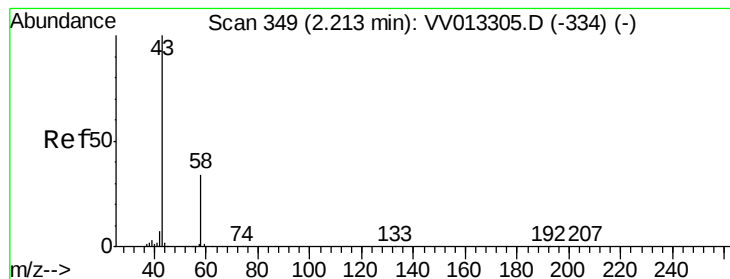


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 3.429 ug/L

RT: 2.20 min Scan# 345

Delta R.T. -0.01 min

Lab File: VV013311.D

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Instrument :

MSVOA_V

ClientSampleId :

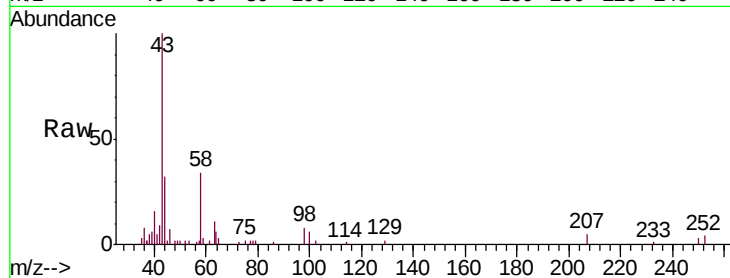
C0053

Tgt Ion: 43 Resp: 14001

Ion Ratio Lower Upper

43 100

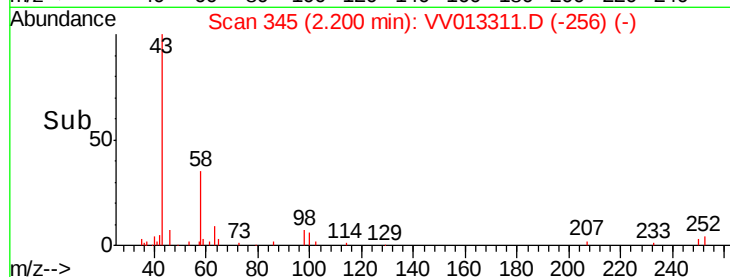
58 38.1 0.0 64.0



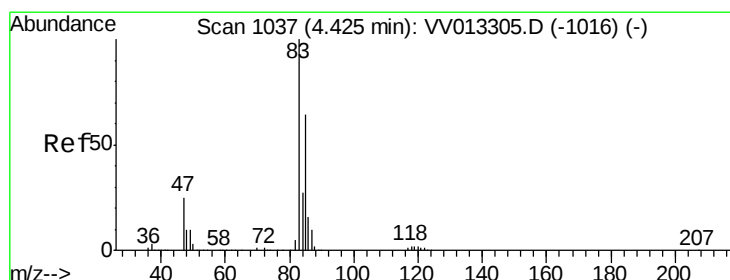
Abundance Ion 43.00 (42.70 to 43.70): VV013311.D (-256) (-)

Ion 58.00 (57.70 to 58.70): VV013311.D (-256) (-)

Time-->



Time-->



#25

Chloroform

Concen: 22.562 ug/L

RT: 4.42 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VV013311.D

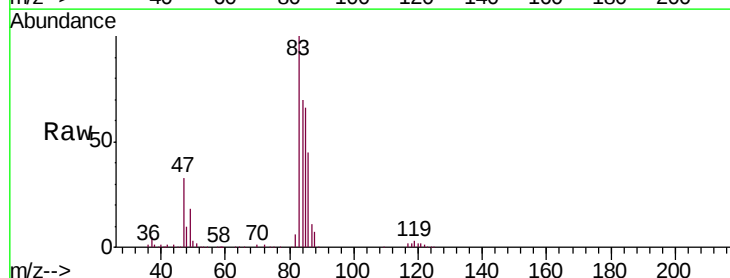
Acq: 23 Oct 2019 22:09

Tgt Ion: 83 Resp: 362596

Ion Ratio Lower Upper

83 100

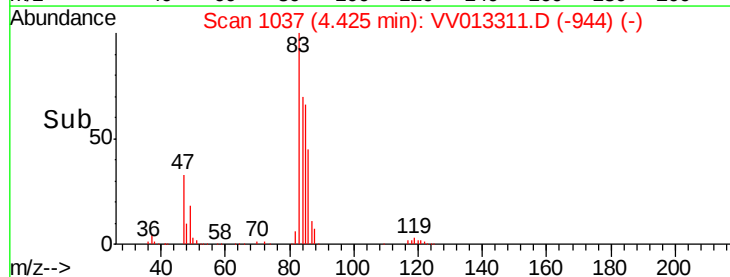
85 65.8 45.8 85.0



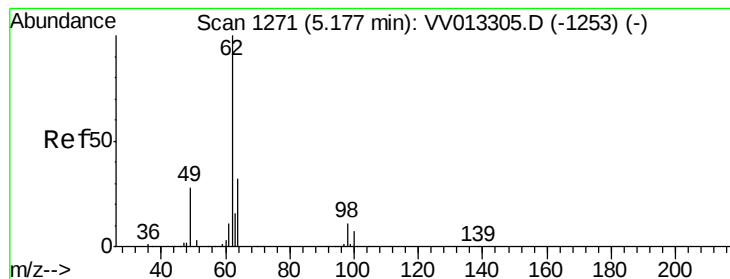
Abundance Ion 83.00 (82.70 to 83.70): VV013311.D (-944) (-)

Ion 85.00 (84.70 to 85.70): VV013311.D (-944) (-)

Time-->



Time-->



#27

1,2-Dichloroethane

Concen: 0.773 ug/L

RT: 5.10 min Scan# 1247

Delta R.T. -0.08 min

Lab File: VV013311.D

Acq: 23 Oct 2019 22:09

Instrument :

MSVOA_V

ClientSampleId :

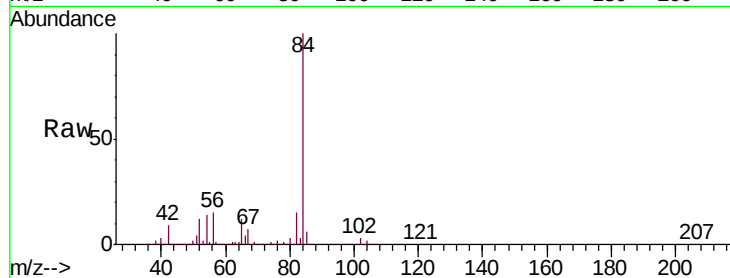
C0053

Tgt Ion: 62 Resp: 9050

Ion Ratio Lower Upper

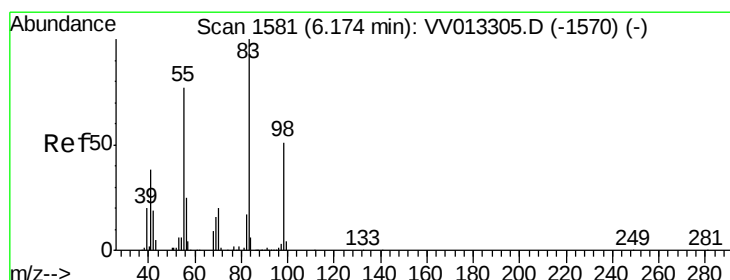
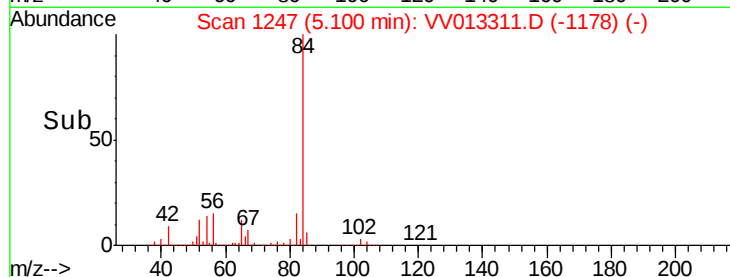
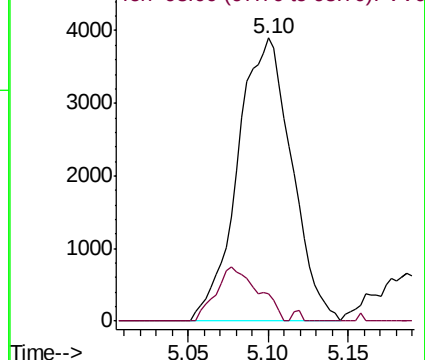
62 100

98 9.9 8.5 12.7



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 98.00 (97.70 to 98.70): VV0



#35

Methylcyclohexane

Concen: 8.858 ug/L

RT: 6.11 min Scan# 1562

Delta R.T. -0.06 min

Lab File: VV013311.D

Acq: 23 Oct 2019 22:09

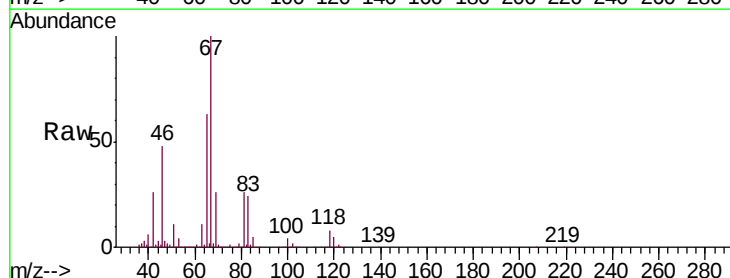
Tgt Ion: 83 Resp: 128669

Ion Ratio Lower Upper

83 100

55 0.7 59.0 88.4#

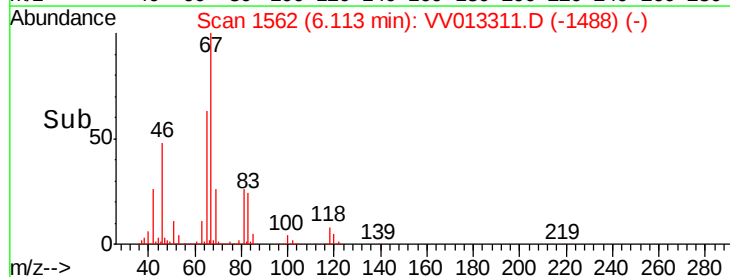
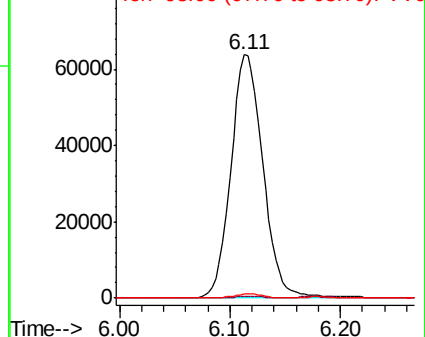
98 1.6 39.3 58.9#

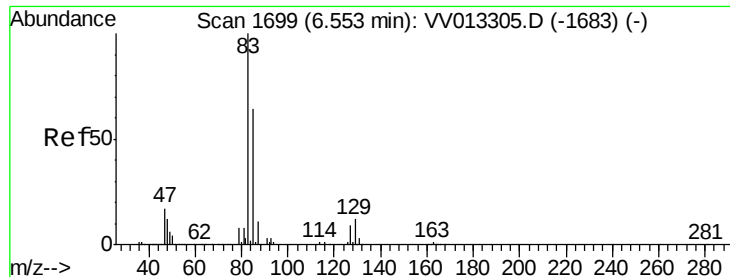


Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 55.00 (54.70 to 55.70): VV0

Ion 98.00 (97.70 to 98.70): VV0

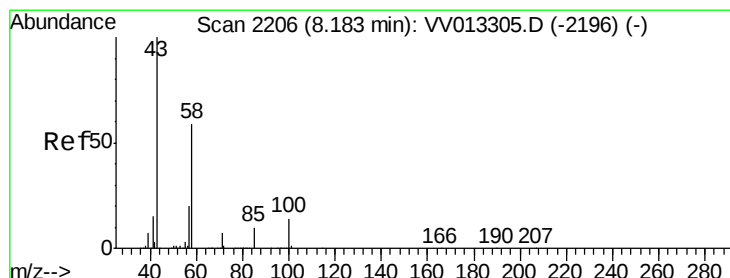
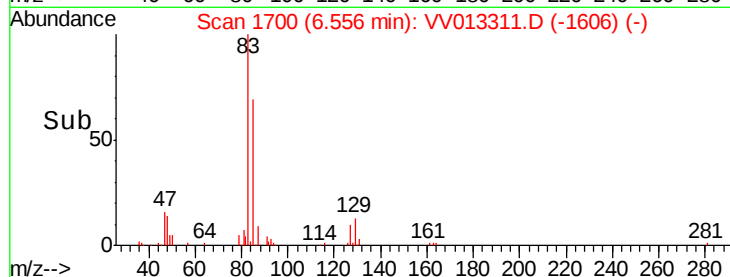
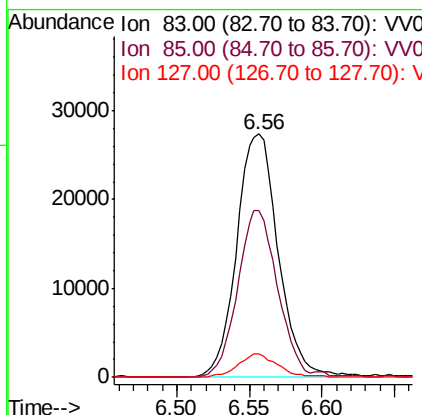
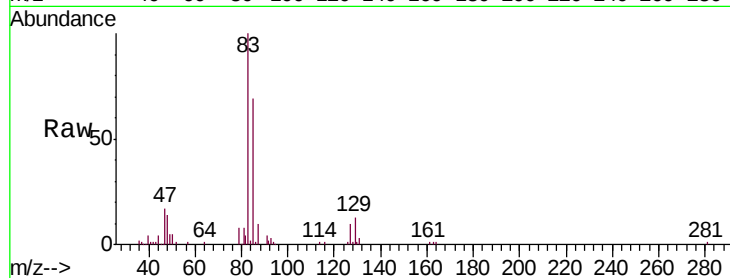




#38
 Bromodichloromethane
 Concen: 4.494 ug/L
 RT: 6.56 min Scan# 1700
 Delta R.T. 0.00 min
 Lab File: VV013311.D
 Acq: 23 Oct 2019 22:09

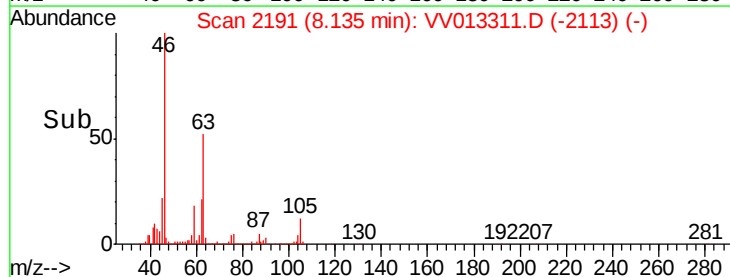
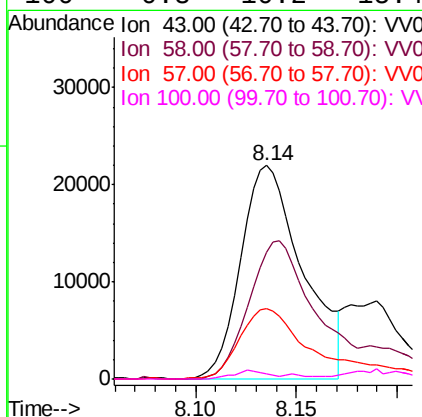
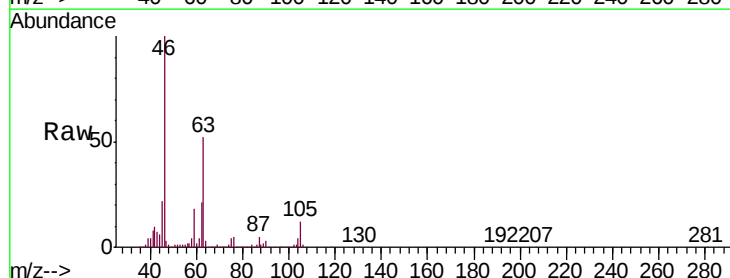
Instrument :
 MSVOA_V
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 C0053

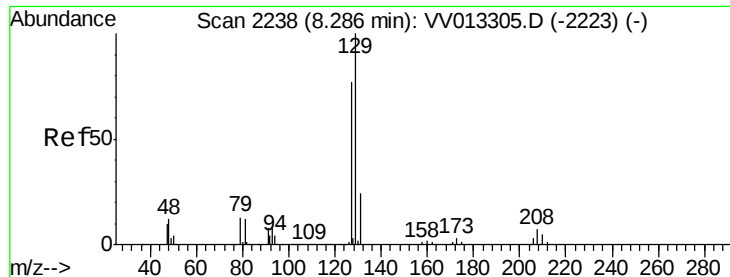
Tgt Ion: 83 Resp: 54419
 Ion Ratio Lower Upper
 83 100
 85 68.6 44.6 82.8
 127 9.5 7.4 11.2



#48
 2-Hexanone
 Concen: 5.106 ug/L
 RT: 8.14 min Scan# 2191
 Delta R.T. -0.05 min
 Lab File: VV013311.D
 Acq: 23 Oct 2019 22:09

Tgt Ion: 43 Resp: 47352
 Ion Ratio Lower Upper
 43 100
 58 68.1 47.0 70.6
 57 41.1 13.8 20.8#
 100 0.8 10.2 15.4#





#49

Dibromochloromethane

Concen: 0.862 ug/L

RT: 8.29 min Scan# 2239

Delta R.T. 0.00 min

Lab File: VV013311.D

Acq: 23 Oct 2019 22:09

Instrument :

MSVOA_V

ClientSampled :

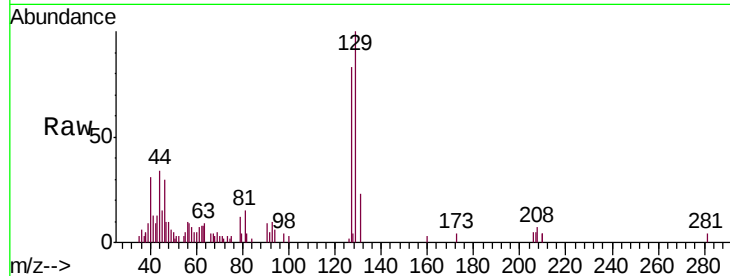
C0053

Tgt Ion:129 Resp: 8835

Ion Ratio Lower Upper

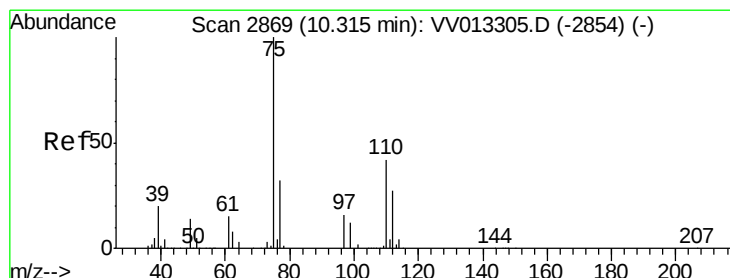
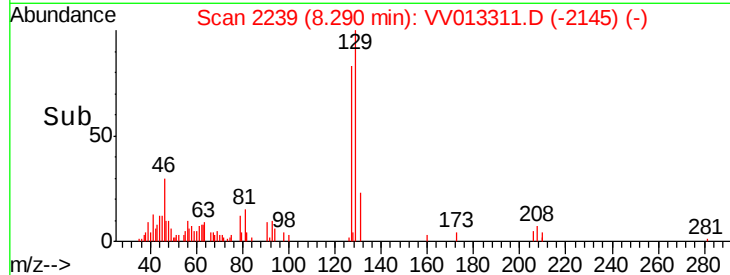
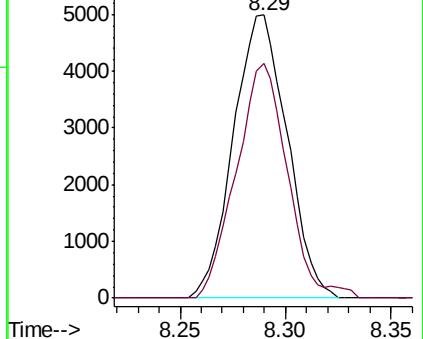
129 100

127 83.0 54.7 101.5



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#59

1,2,3-Trichloropropane

Concen: 4.681 ug/L

RT: 11.29 min Scan# 3172

Delta R.T. 0.97 min

Lab File: VV013311.D

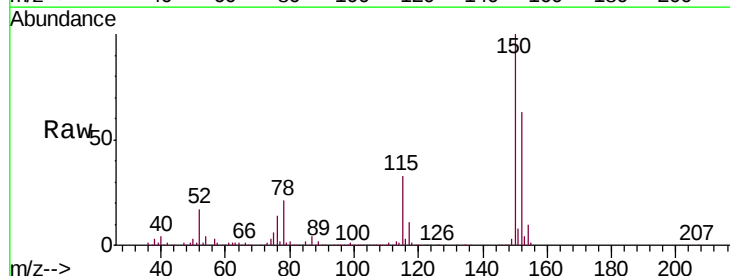
Acq: 23 Oct 2019 22:09

Tgt Ion: 75 Resp: 53679

Ion Ratio Lower Upper

75 100

77 33.7 25.7 38.5



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

