

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV070920\
 Data File : VV017404.D
 Acq On : 09 Jul 2020 17:35
 Operator : SY/MD
 Sample : L3254-08
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4A55

Quant Time: Jul 10 04:03:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM070820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 10 04:00:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	253615	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	240638	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	116981	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	56374	42.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.40%
7) Chloroethane-d5	1.58	69	42508	45.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.66%
11) 1,1-Dichloroethene-d2	2.12	63	98470	32.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.88%
21) 2-Butanone-d5	3.91	46	82721	91.73	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.73%
24) Chloroform-d	4.38	84	137343	44.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.94%
26) 1,2-Dichloroethane-d4	5.06	65	100845	48.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.22%
32) Benzene-d6	5.08	84	246767	47.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.94%
36) 1,2-Dichloropropane-d6	6.09	67	72554	48.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.94%
41) Toluene-d8	7.34	98	229670	45.96	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.92%
43) trans-1,3-Dichloropropene-	7.64	79	40086	46.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.02%
47) 2-Hexanone-d5	8.11	63	56914	92.64	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.64%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	97011	46.16	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.32%
64) 1,2-Dichlorobenzene-d4	11.65	152	100373	51.32	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.64%

Target Compounds

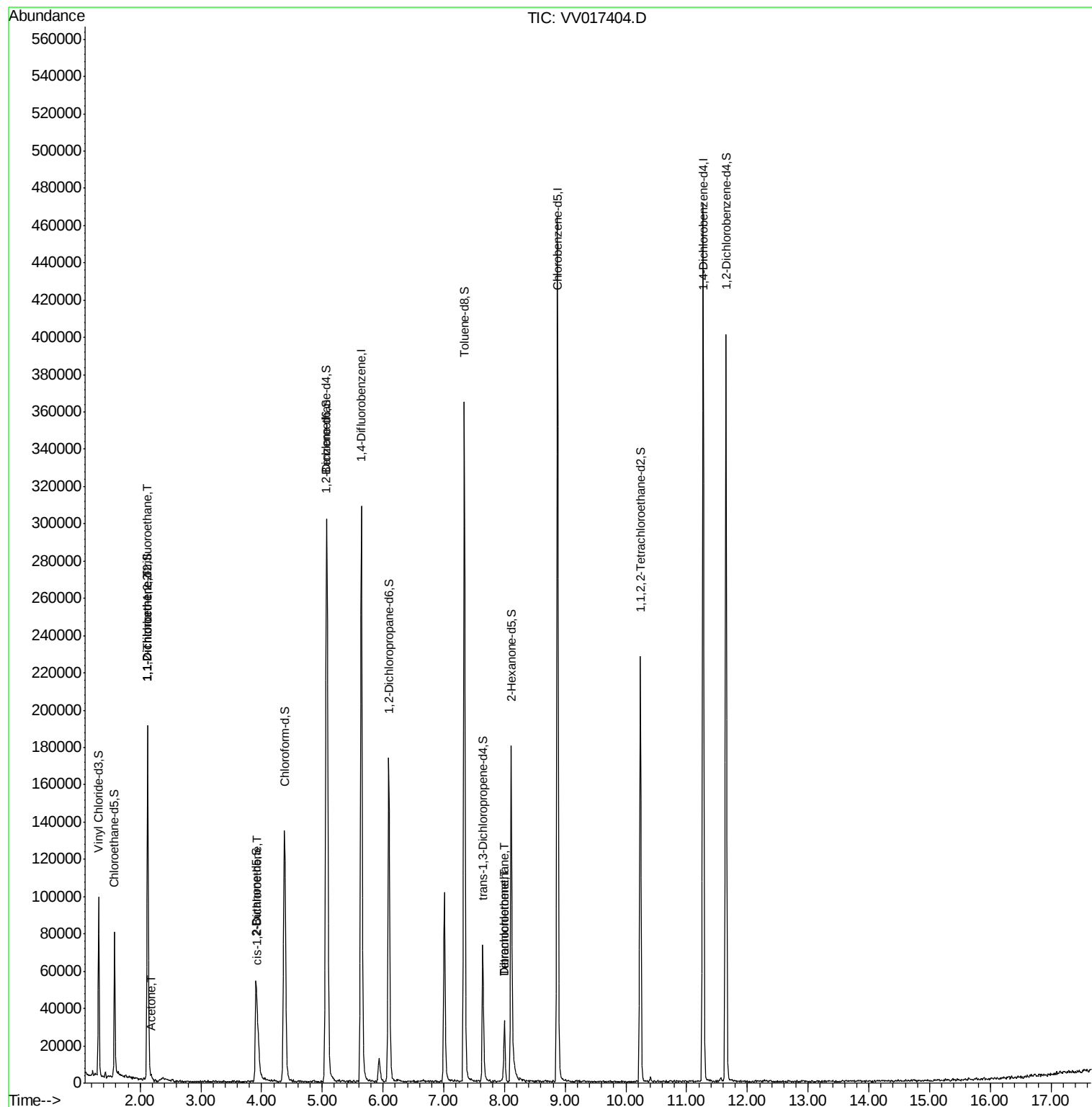
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1229	0.730 ug/L #	18
12) 1,1-Dichloroethene	2.12	96	1131	0.742 ug/L #	1
13) Acetone	2.19	43	2333	1.900 ug/L	55
20) cis-1,2-Dichloroethene	3.94	96	2899	1.633 ug/L	95
46) Tetrachloroethene	8.00	164	7176	4.525 ug/L	90
49) Dibromochloromethane	8.00	129	6536	3.104 ug/L #	10

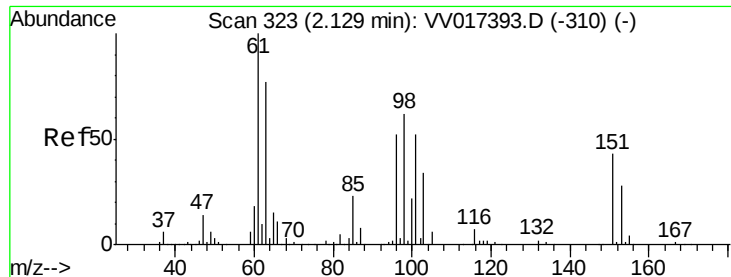
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Jul 10 04:00:27 2020
Response via : Initial Calibration





#10

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

Concen: 0.730 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV017404.D

Acq: 09 Jul 2020 17:35

Instrument :

MSVOA_V

ClientSampled :

F4A55

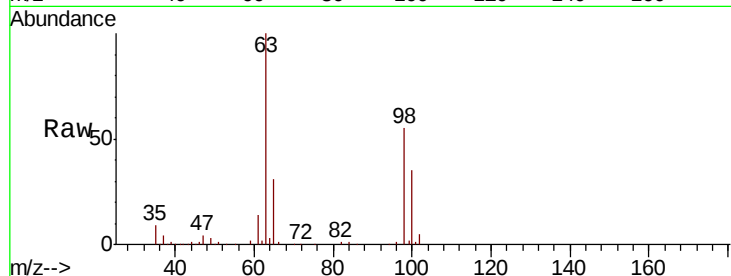
Tot Ion:101 Resp: 1229

Ion Ratio Lower Upper

101 100

85 4.2 36.2 54.4#

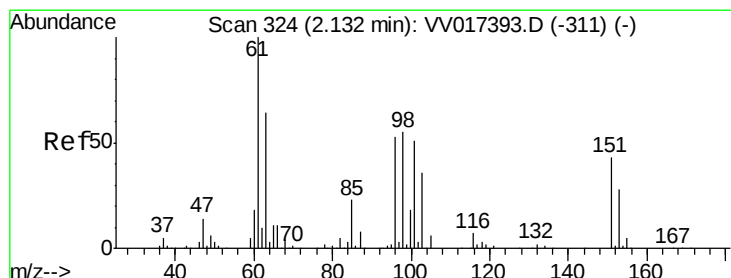
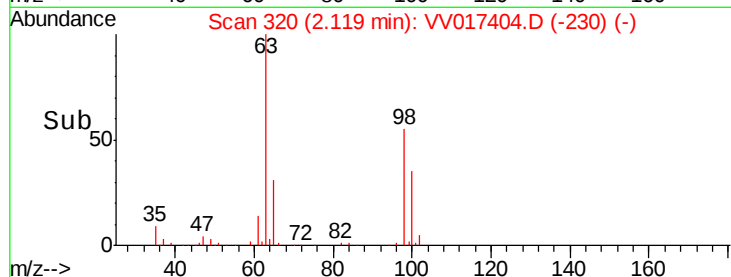
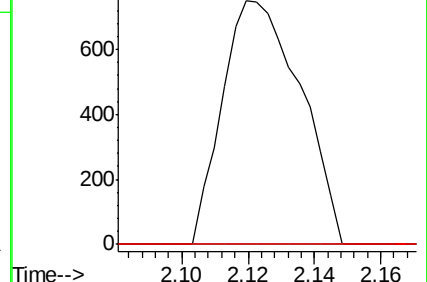
151 0.0 66.8 100.2#



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: 0.742 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV017404.D

Acq: 09 Jul 2020 17:35

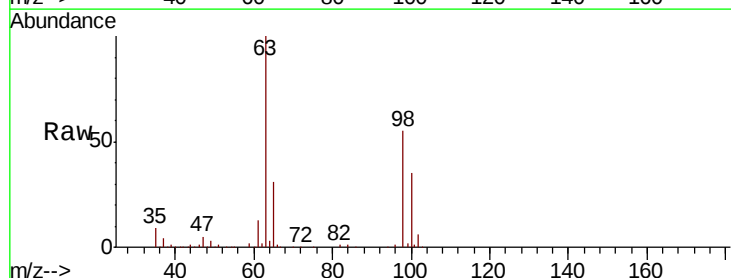
Tgt Ion: 96 Resp: 1131

Ion Ratio Lower Upper

96 100

61 1077.8 132.7 246.4#

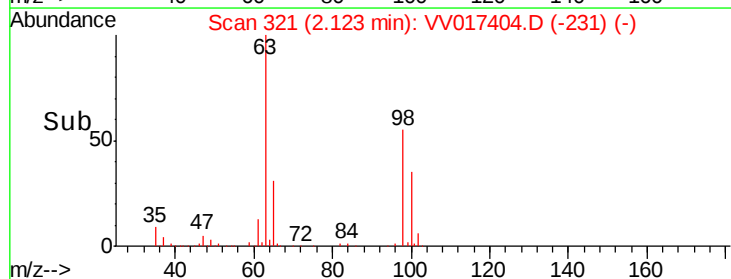
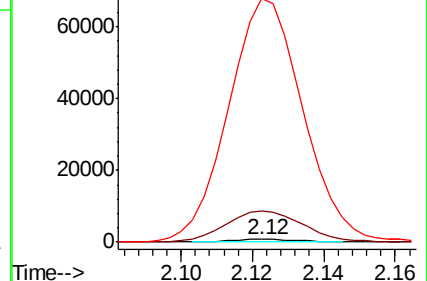
63 8302.2 103.3 191.8#

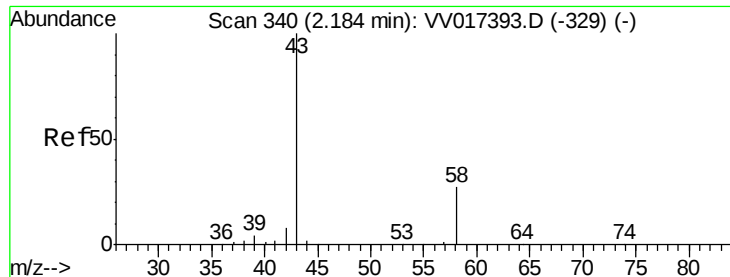


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 1.900 ug/L

RT: 2.19 min Scan# 343

Delta R.T. 0.01 min

Lab File: VV017404.D

Acq: 09 Jul 2020 17:35

Instrument :

MSVOA_V

ClientSampled :

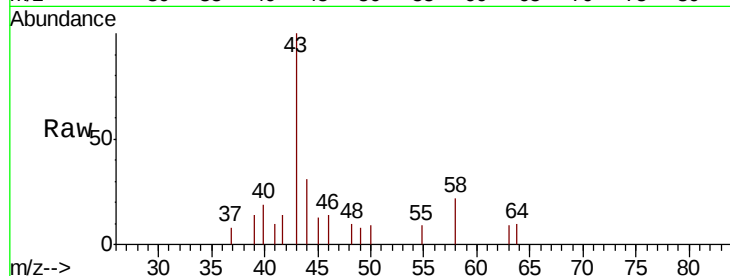
F4A55

Tot Ion: 43 Resp: 2333

Ion Ratio Lower Upper

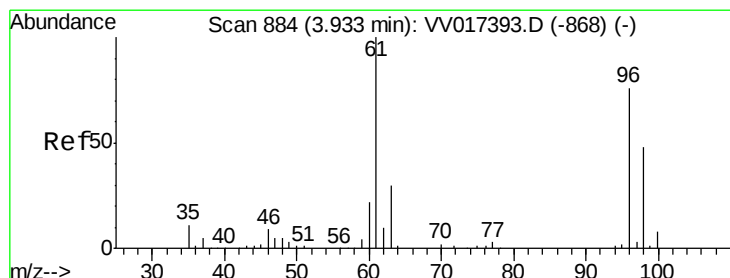
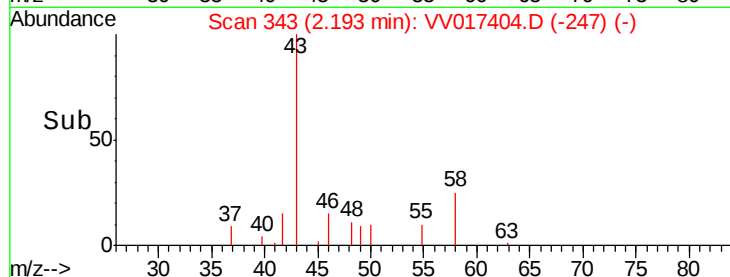
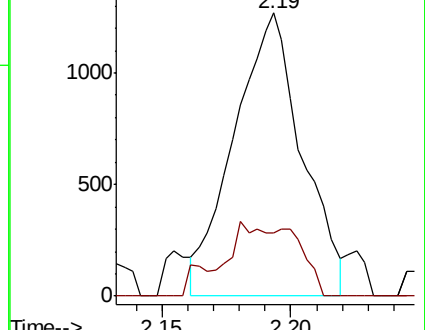
43 100

58 4.3 0.0 56.0



Abundance Ion 43.00 (42.70 to 43.70): VV017393.D (-329) (-)

Ion 58.00 (57.70 to 58.70): VV017393.D (-329) (-)



#20

cis-1,2-Dichloroethene

Concen: 1.633 ug/L

RT: 3.94 min Scan# 886

Delta R.T. 0.01 min

Lab File: VV017404.D

Acq: 09 Jul 2020 17:35

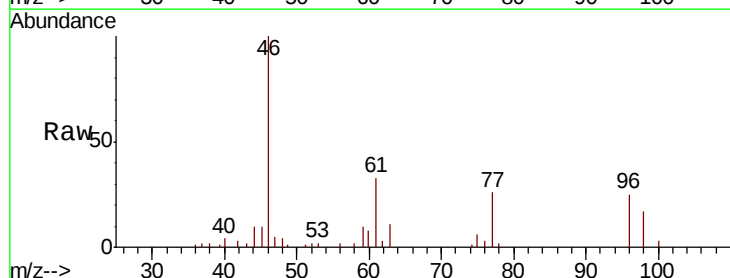
Tgt Ion: 96 Resp: 2899

Ion Ratio Lower Upper

96 100

61 132.9 88.9 165.1

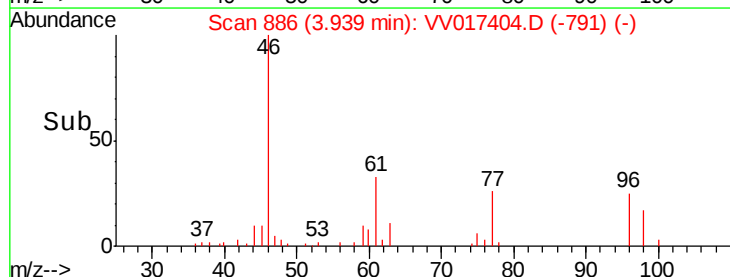
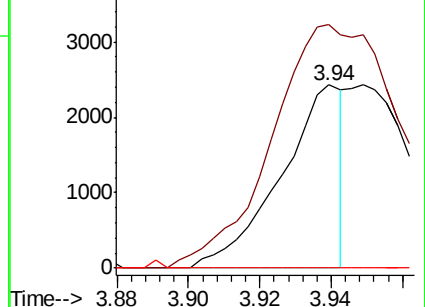
68 0.0 0.0 0.0

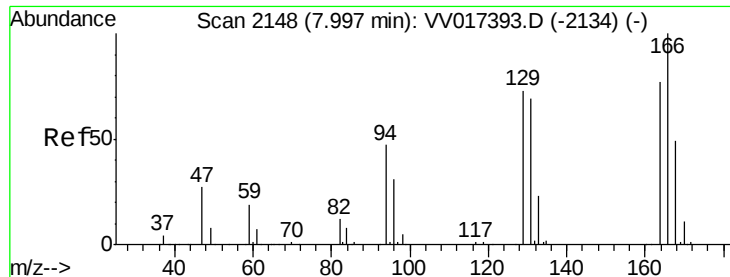


Abundance Ion 96.00 (95.70 to 96.70): VV017393.D (-868) (-)

Ion 61.00 (60.70 to 61.70): VV017393.D (-868) (-)

Ion 68.00 (67.70 to 68.70): VV017393.D (-868) (-)





#46

Tetrachloroethene

Concen: 4.525 ug/L

RT: 8.00 min Scan# 2149

Delta R.T. 0.00 min

Lab File: VV017404.D

Acq: 09 Jul 2020 17:35

Instrument :

MSVOA_V

ClientSampleId :

F4A55

Tot Ion:164 Resp: 7176

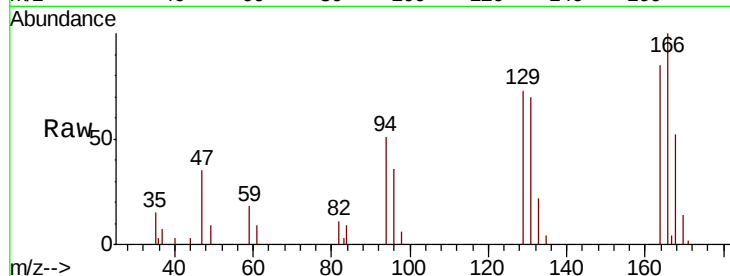
Ion Ratio Lower Upper

164 100

129 86.3 66.6 123.8

131 82.5 65.5 121.7

166 121.7 93.9 174.5

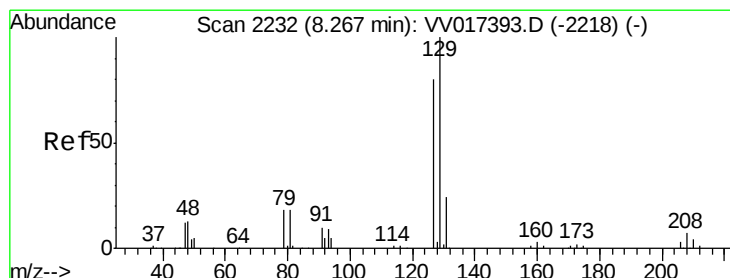
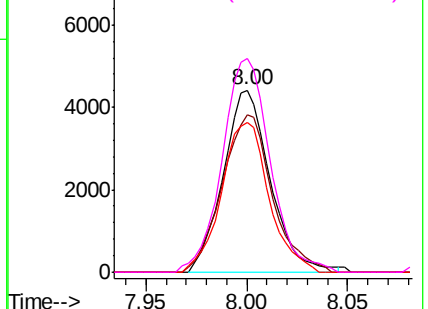
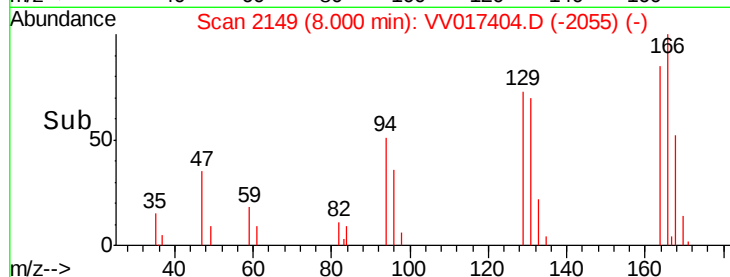


Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#49

Dibromochloromethane

Concen: 3.104 ug/L

RT: 8.00 min Scan# 2149

Delta R.T. -0.27 min

Lab File: VV017404.D

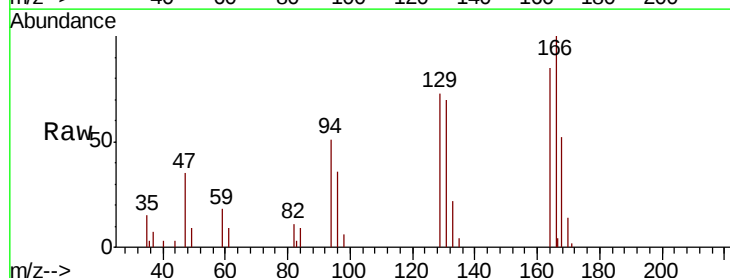
Acq: 09 Jul 2020 17:35

Tgt Ion:129 Resp: 6536

Ion Ratio Lower Upper

129 100

127 0.0 54.6 101.4#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

