

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV101819\
 Data File : VV013208.D
 Acq On : 18 Oct 2019 17:58
 Operator : SY/MD
 Sample : K5321-10
 Misc : 25.00ML/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E0AA6

Quant Time: Nov 01 02:33:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR101819WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Nov 01 02:14:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	435330	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	461127	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	231285	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	221619	4.95	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.00%
7) Chloroethane-d5	1.58	69	175770	4.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.40%
11) 1,1-Dichloroethene-d2	2.13	63	268377	3.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.60%
20) 2-Butanone-d5	3.96	46	390034	42.40	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.80%
24) Chloroform-d	4.40	84	427496	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.80%
26) 1,2-Dichloroethane-d4	5.08	65	206829	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.80%
32) Benzene-d6	5.09	84	883193	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.40%
36) 1,2-Dichloropropane-d6	6.11	67	269012	5.12	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.40%
41) Toluene-d8	7.36	98	727452	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.00%
43) trans-1,3-Dichloropropene-	7.66	79	87748	4.69	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.80%
46) 2-Hexanone-d5	8.13	63	358030	47.59	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.18%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	189110	5.04	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	273120	5.57	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.40%

Target Compounds

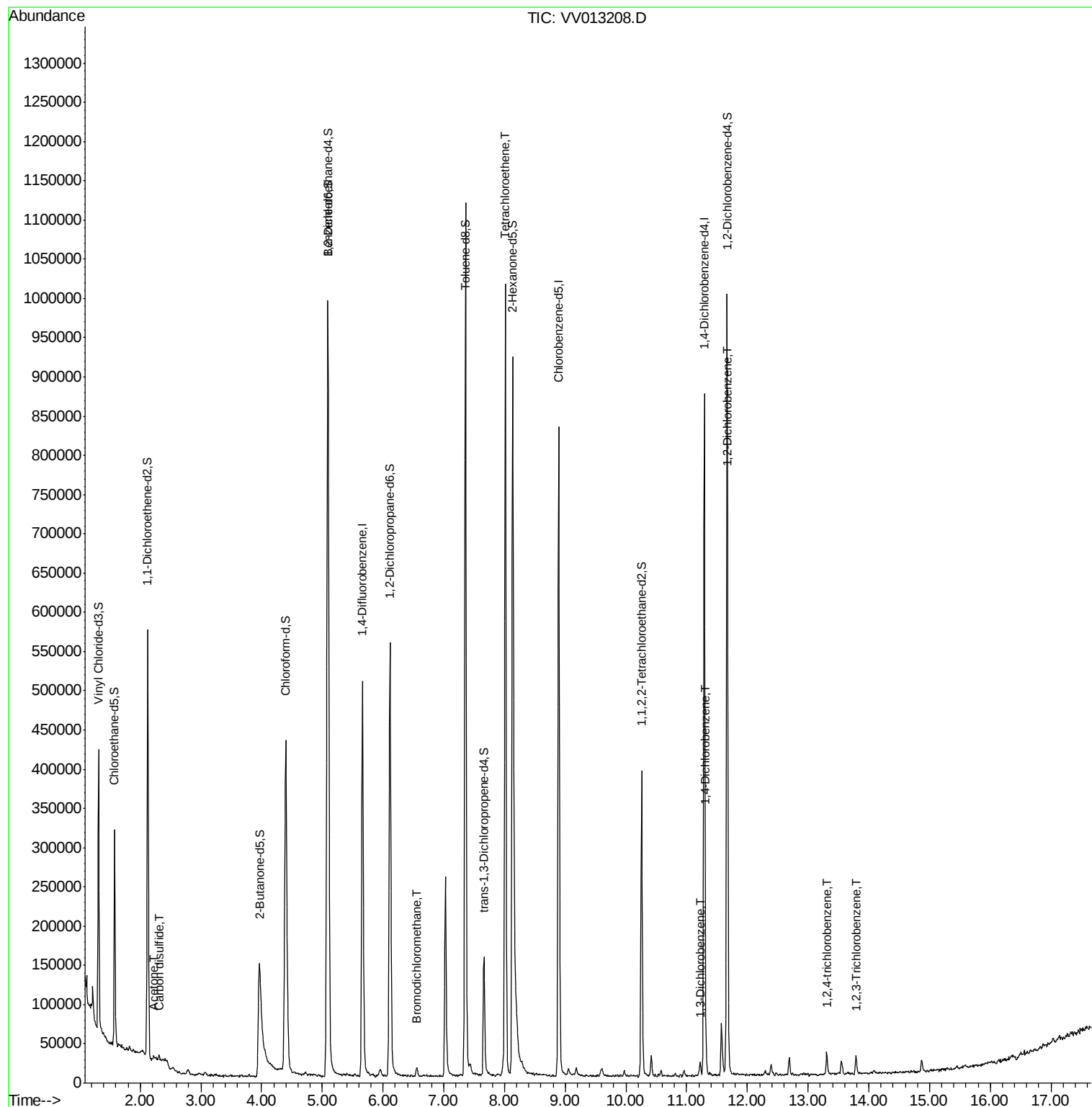
					Qvalue
13) Acetone	2.23	43	9547	2.120 ug/L	82
14) Carbon disulfide	2.31	76	6973	0.070 ug/L #	63
38) Bromodichloromethane	6.56	83	7946	0.138 ug/L	85
47) Tetrachloroethene	8.02	164	238186	5.656 ug/L	97
62) 1,3-Dichlorobenzene	11.23	146	7337	0.089 ug/L	95
63) 1,4-Dichlorobenzene	11.32	146	8170	0.099 ug/L	95
65) 1,2-Dichlorobenzene	11.68	146	6138	0.078 ug/L #	81
68) 1,2,4-trichlorobenzene	13.31	180	8021	0.151 ug/L	96
70) 1,2,3-Trichlorobenzene	13.79	180	7374	0.141 ug/L	92

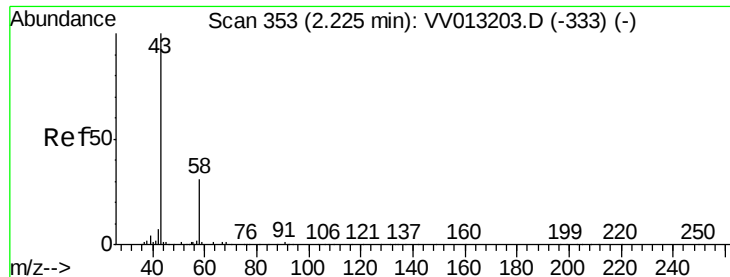
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Nov 01 02:14:39 2019
Response via : Initial Calibration





#13

Acetone

Concen: 2.120 ug/L

RT: 2.23 min Scan# 353

Delta R.T. 0.00 min

Lab File: VV013208.D

Acq: 18 Oct 2019 17:58

Instrument :

MSVOA_V

ClientSampleId :

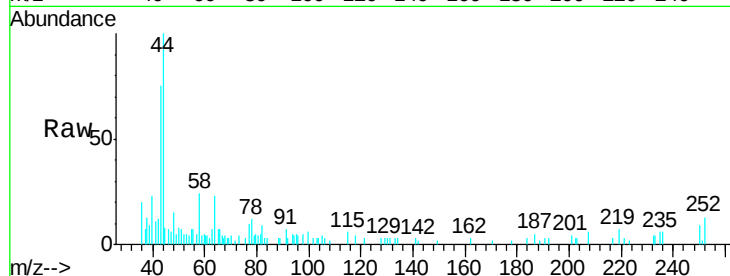
E0AA6

Tgt Ion: 43 Resp: 9547

Ion Ratio Lower Upper

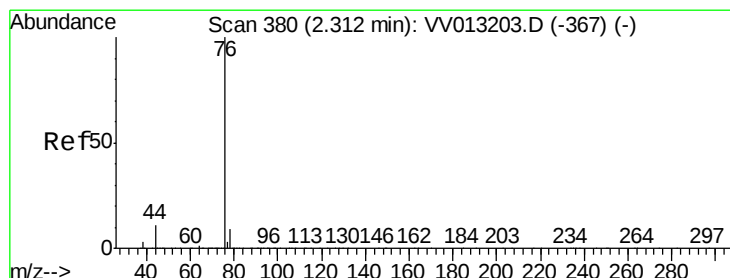
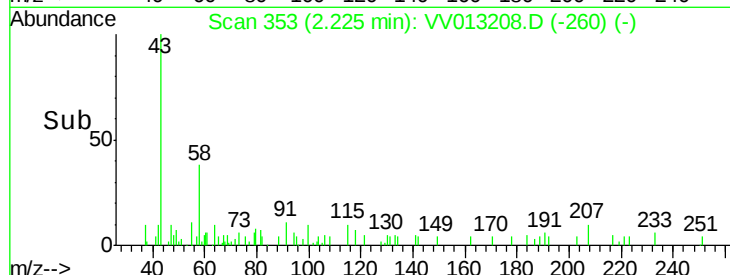
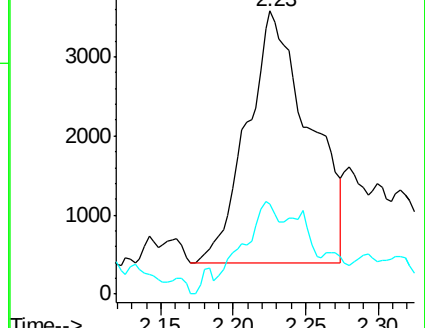
43 100

58 17.1 0.0 52.4



Abundance Ion 43.05 (42.75 to 43.75): VV013208.D (-260) (-)

Ion 58.05 (57.75 to 58.75): VV013208.D (-260) (-)



#14

Carbon disulfide

Concen: 0.070 ug/L

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VV013208.D

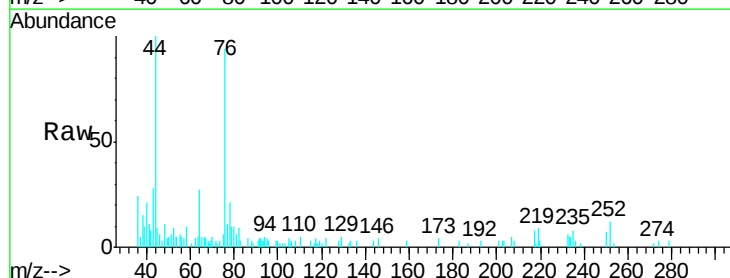
Acq: 18 Oct 2019 17:58

Tgt Ion: 76 Resp: 6973

Ion Ratio Lower Upper

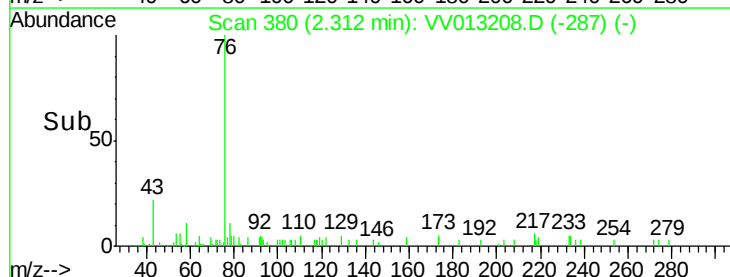
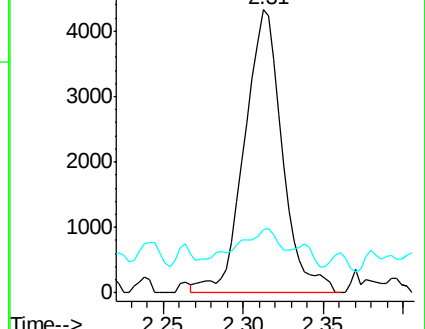
76 100

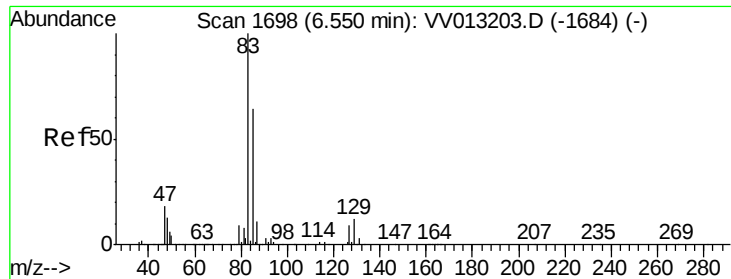
78 22.3 7.1 10.7#



Abundance Ion 76.05 (75.75 to 76.75): VV013208.D (-287) (-)

Ion 78.00 (77.70 to 78.70): VV013208.D (-287) (-)





#38

Bromodichloromethane

Concen: 0.138 ug/L

RT: 6.56 min Scan# 1701

Delta R.T. 0.01 min

Lab File: VV013208.D

Acq: 18 Oct 2019 17:58

Instrument :

MSVOA_V

ClientSampleId :

E0AA6

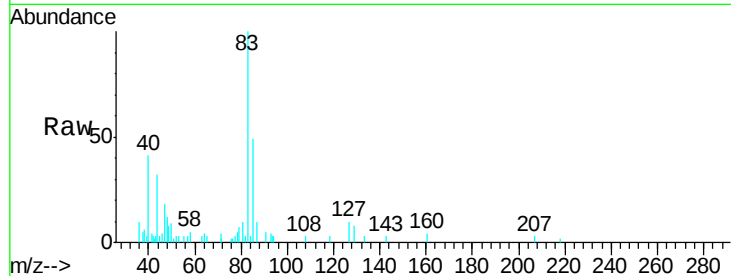
Tgt Ion: 83 Resp: 7946

Ion Ratio Lower Upper

83 100

85 49.5 44.0 81.6

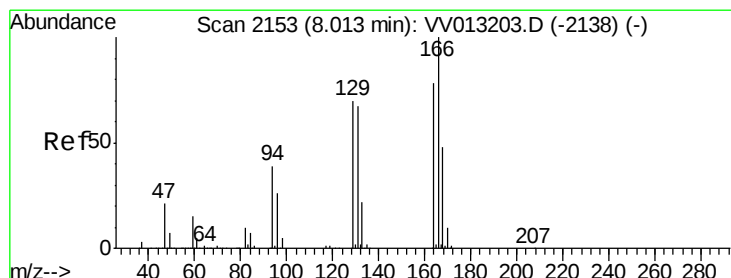
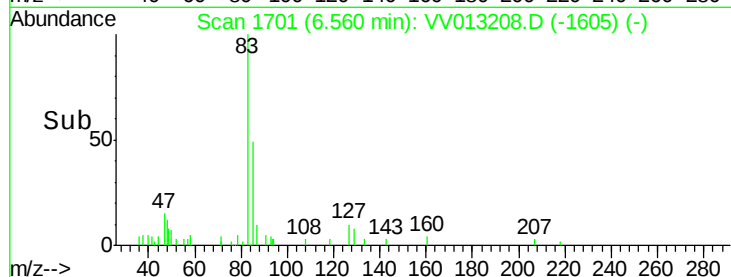
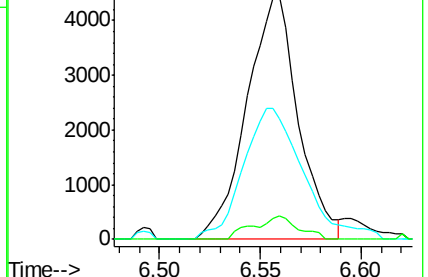
127 9.6 7.0 10.6



Abundance Ion 82.95 (82.65 to 83.65): VV013203.D (-1684) (-)

Ion 85.00 (84.70 to 85.30): VV013203.D (-1684) (-)

Ion 126.90 (126.60 to 127.20): VV013203.D (-1684) (-)



#47

Tetrachloroethene

Concen: 5.656 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. 0.00 min

Lab File: VV013208.D

Acq: 18 Oct 2019 17:58

Tgt Ion: 164 Resp: 238186

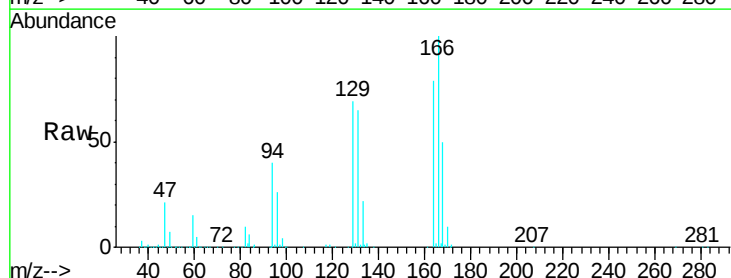
Ion Ratio Lower Upper

164 100

129 86.8 62.2 115.4

131 82.5 59.9 111.3

166 125.9 91.1 169.1

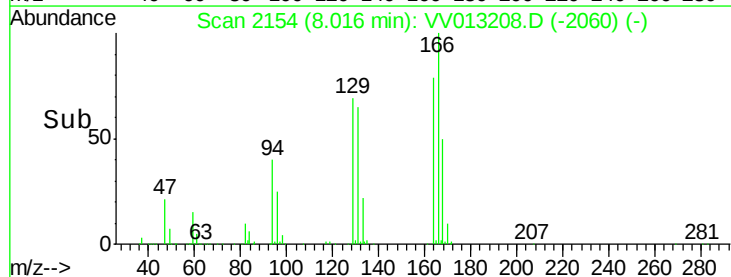
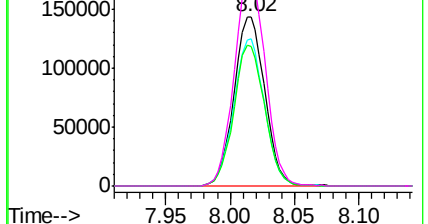


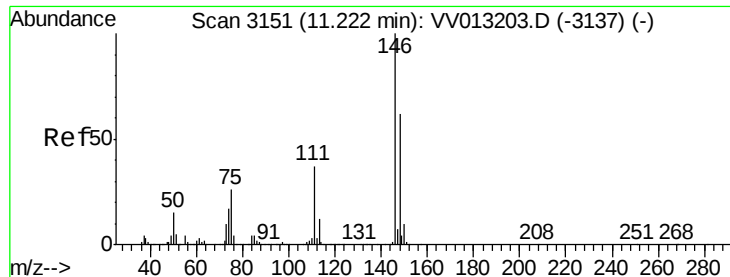
Abundance Ion 163.90 (163.60 to 164.20): VV013203.D (-2138) (-)

Ion 128.95 (128.65 to 129.25): VV013203.D (-2138) (-)

Ion 130.95 (130.65 to 131.25): VV013203.D (-2138) (-)

Ion 165.90 (165.60 to 166.20): VV013203.D (-2138) (-)





#62

1,3-Dichlorobenzene

Concen: 0.089 ug/L

RT: 11.23 min Scan# 3152

Delta R.T. 0.00 min

Lab File: VV013208.D

Acq: 18 Oct 2019 17:58

Instrument :

MSVOA_V

ClientSampleId :

E0AA6

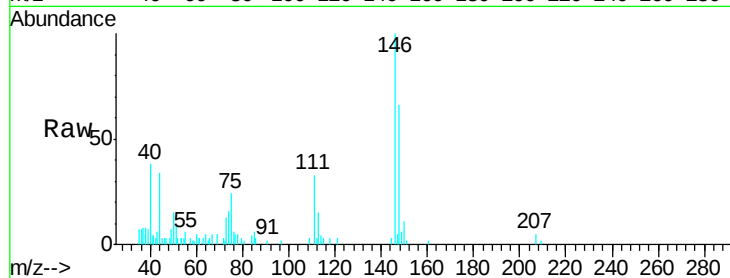
Tgt Ion:146 Resp: 7337

Ion Ratio Lower Upper

146 100

111 32.7 27.1 50.3

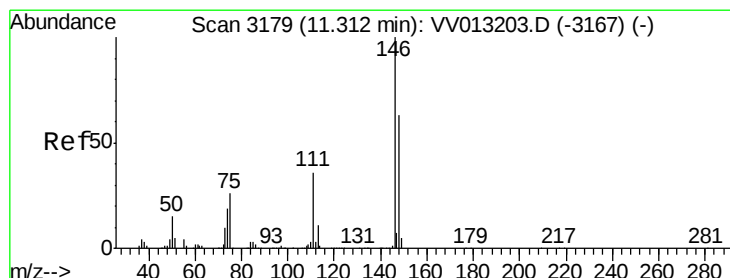
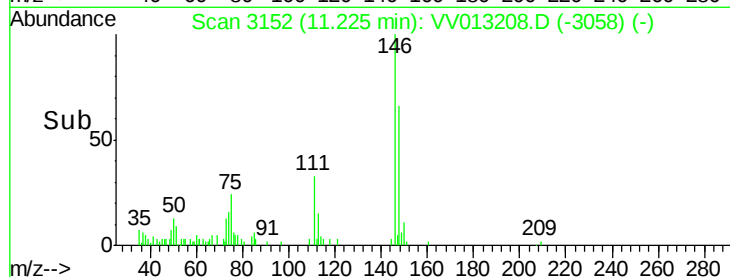
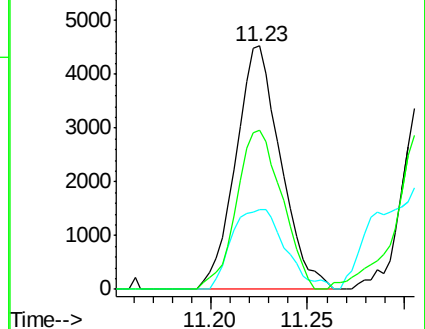
148 65.6 44.4 82.5



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#63

1,4-Dichlorobenzene

Concen: 0.099 ug/L

RT: 11.32 min Scan# 3180

Delta R.T. 0.00 min

Lab File: VV013208.D

Acq: 18 Oct 2019 17:58

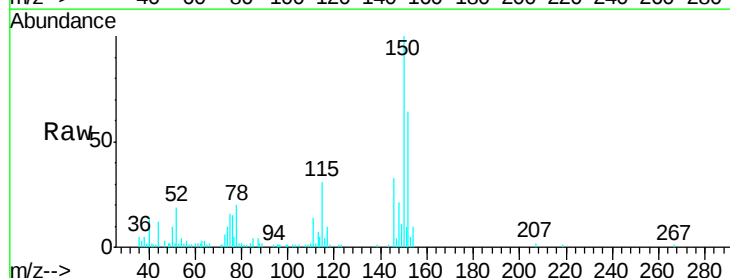
Tgt Ion:146 Resp: 8170

Ion Ratio Lower Upper

146 100

111 42.7 25.7 47.7

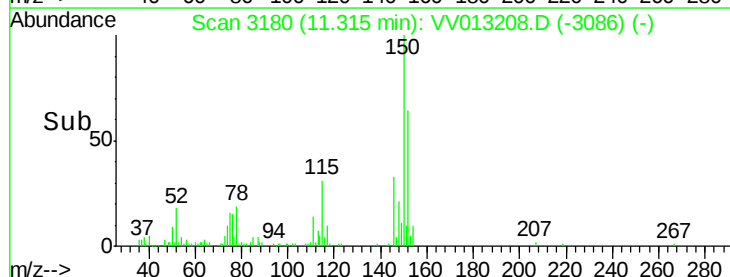
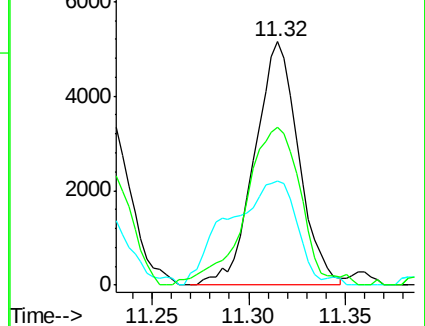
148 65.0 44.4 82.5

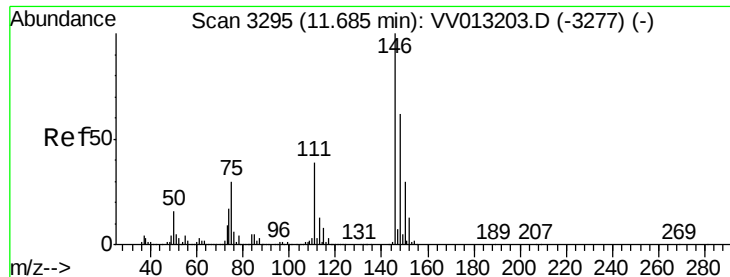


Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#65

1,2-Dichlorobenzene

Concen: 0.078 ug/L

RT: 11.68 min Scan# 3295

Delta R.T. 0.00 min

Lab File: VV013208.D

Acq: 18 Oct 2019 17:58

Instrument :

MSVOA_V

ClientSampleId :

E0AA6

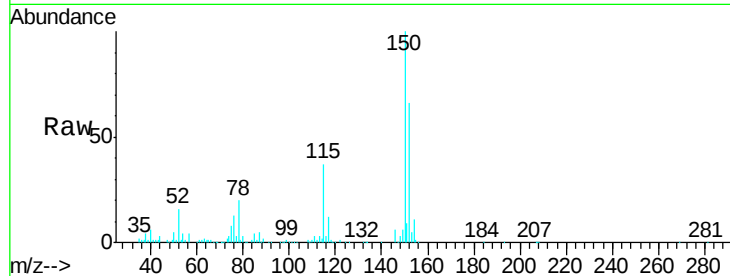
Tgt Ion:146 Resp: 6138

Ion Ratio Lower Upper

146 100

111 52.8 31.9 47.9#

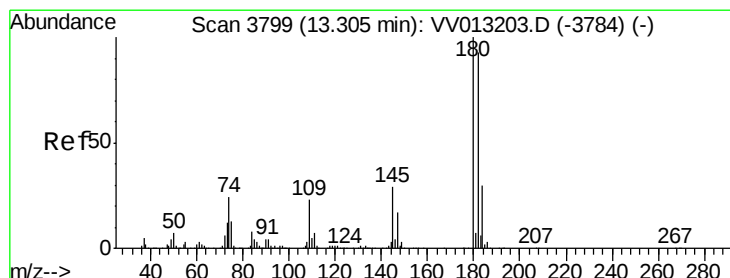
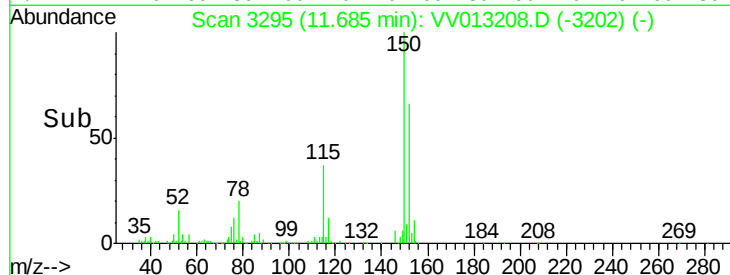
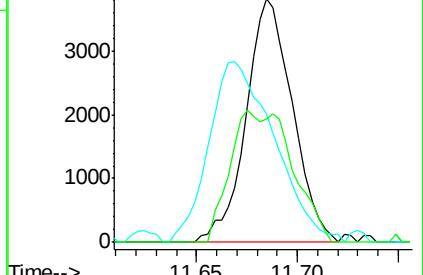
148 50.9 51.4 77.2#



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#68

1,2,4-trichlorobenzene

Concen: 0.151 ug/L

RT: 13.31 min Scan# 3800

Delta R.T. 0.00 min

Lab File: VV013208.D

Acq: 18 Oct 2019 17:58

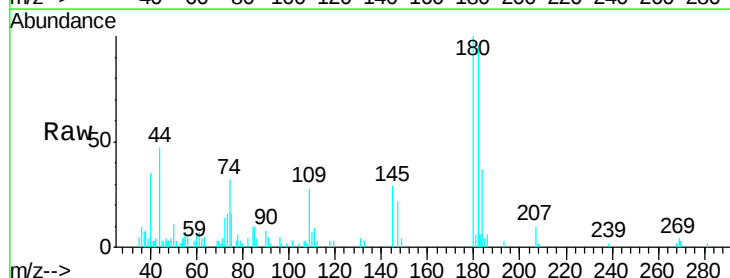
Tgt Ion:180 Resp: 8021

Ion Ratio Lower Upper

180 100

182 96.5 75.9 113.9

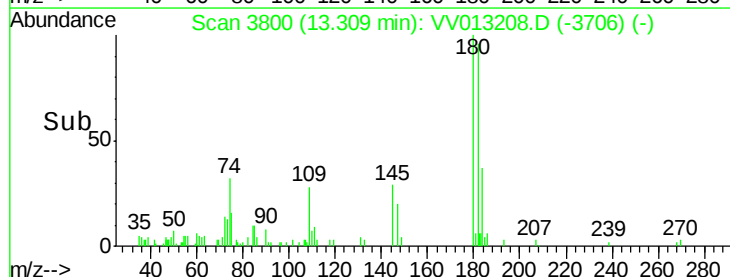
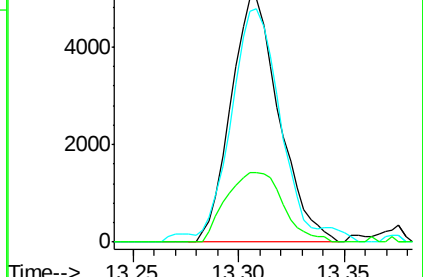
145 33.3 22.4 33.6

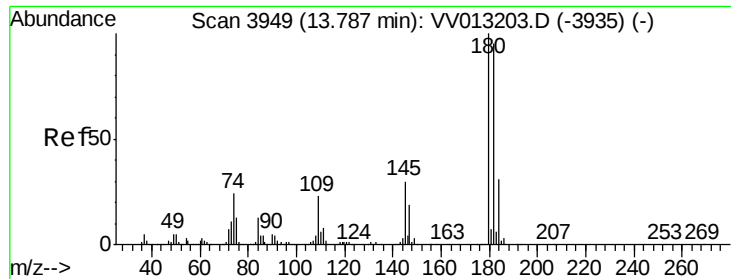


Abundance Ion 179.90 (179.60 to 180.60): V

Ion 182.00 (181.70 to 182.70): V

Ion 144.95 (144.65 to 145.65): V





#70
 1,2,3-Trichlorobenzene
 Concen: 0.141 ug/L
 RT: 13.79 min Scan# 3950
 Delta R.T. 0.00 min
 Lab File: VV013208.D
 Acq: 18 Oct 2019 17:58

Instrument :
 MSVOA_V
 ClientSampleId :
 E0AA6

Tgt Ion	Ratio	Lower	Upper
180	100		
182	104.8	76.5	114.7
145	30.7	23.8	35.6

