

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082918\
 Data File : VV007259.D
 Acq On : 29 Aug 2018 16:17
 Operator : SY/MD
 Sample : J4649-09
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 30 04:44:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR082818WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Aug 30 04:42:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	219064	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	220411	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	87752	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	63735	4.10	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.00%
7) Chloroethane-d5	1.58	69	59262	4.73	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.60%
11) 1,1-Dichloroethene-d2	2.13	63	90464	3.36	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.20%
20) 2-Butanone-d5	3.97	46	228021	58.73	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.46%
24) Chloroform-d	4.41	84	149927	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.40%
26) 1,2-Dichloroethane-d4	5.09	65	78261	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.00%
32) Benzene-d6	5.10	84	283536	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.60%
36) 1,2-Dichloropropane-d6	6.12	67	98644	4.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.80%
41) Toluene-d8	7.37	98	211541	3.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.60%
43) trans-1,3-Dichloropropene-	7.67	79	31578	4.36	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.20%
46) 2-Hexanone-d5	8.15	63	91627	48.12	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.24%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	78859	4.98	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.60%
64) 1,2-Dichlorobenzene-d4	11.68	152	83975	4.98	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.60%

Target Compounds

					Ovalue
13) Acetone	2.21	43	14072	7.227 ug/L	95
14) Carbon disulfide	2.32	76	10400	0.266 ug/L #	90
15) Methyl Acetate	2.46	43	1990	0.385 ug/L #	60
21) 2-Butanone	4.06	43	4577	1.130 ug/L	84
25) Chloroform	4.43	83	11635	0.386 ug/L	99
33) Benzene	5.15	78	13882	0.213 ug/L	100
37) 1,2-Dichloropropane	6.12	63	10232	0.590 ug/L #	86
38) Bromodichloromethane	6.57	83	5470	0.263 ug/L	78
42) Toluene	7.44	91	29264	0.456 ug/L	99
47) Tetrachloroethene	8.02	164	2951	0.217 ug/L	89
48) 2-Hexanone	8.20	43	30247	4.466 ug/L #	83
52) Ethylbenzene	9.06	91	15522	0.241 ug/L	98
53) m,p-xylene	9.19	106	20339	0.829 ug/L	93
54) o-xylene	9.59	106	8330	0.365 ug/L	88
70) 1,2,3-Trichlorobenzene	13.81	180	3097	0.243 ug/L	96

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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Aug 30 04:42:02 2018
Response via : Initial Calibration

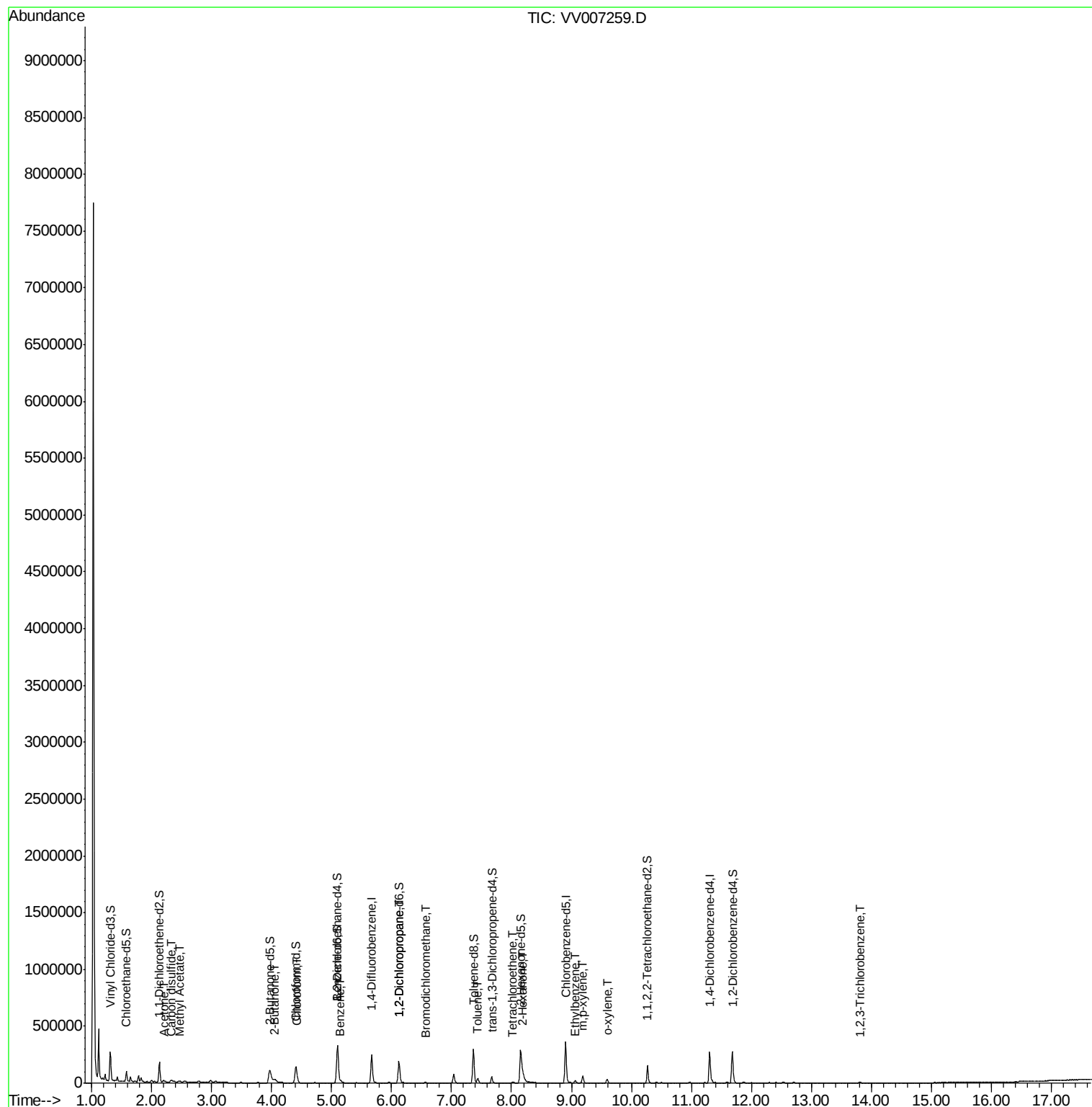
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

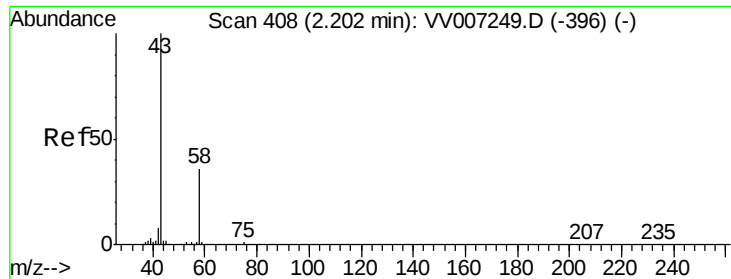
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV082918\
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QLast Update : Thu Aug 30 04:42:02 2018
Response via : Initial Calibration





#13

Acetone

Concen: 7.227 ug/L

RT: 2.21 min Scan# 409

Delta R.T. 0.00 min

Lab File: VV007259.D

Acq: 29 Aug 2018 16:17

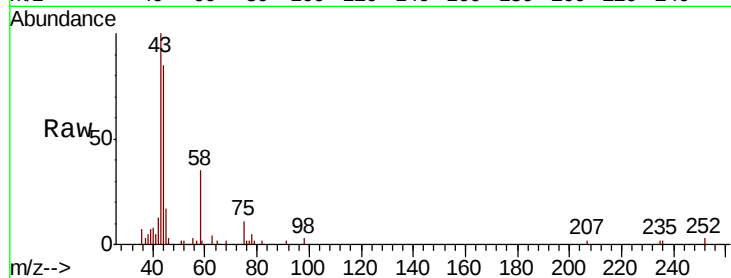
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 43 Resp: 14072

Ion Ratio Lower Upper

43 100

58 32.2 0.0 70.2



Abundance Ion 43.05 (42.75 to 43.75): VV007249.D (-396) (-)

Ion 58.05 (57.75 to 58.75): VV007249.D (-396) (-)

2.21

6000

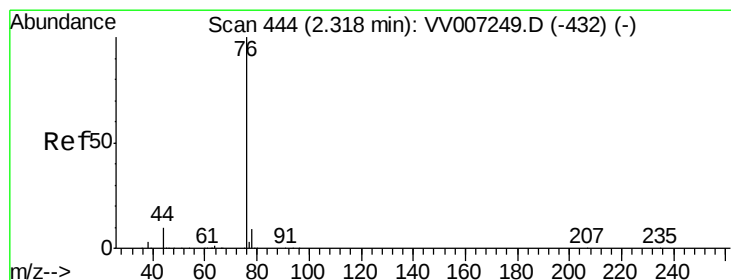
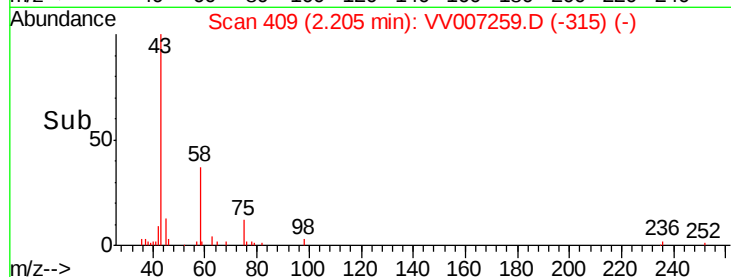
4000

2000

0

Time-->

2.15 2.20 2.25 2.30



#14

Carbon disulfide

Concen: 0.266 ug/L

RT: 2.32 min Scan# 444

Delta R.T. -0.00 min

Lab File: VV007259.D

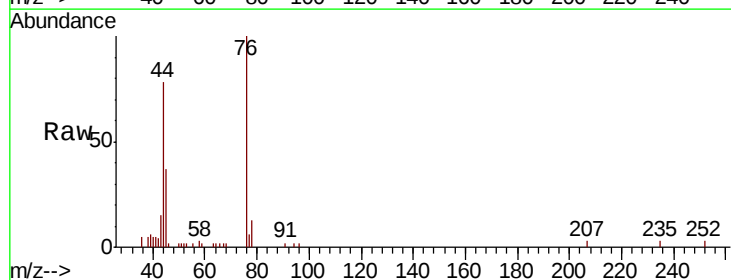
Acq: 29 Aug 2018 16:17

Tgt Ion: 76 Resp: 10400

Ion Ratio Lower Upper

76 100

78 12.5 7.2 10.8#



Abundance Ion 76.05 (75.75 to 76.75): VV007249.D (-432) (-)

Ion 78.00 (77.70 to 78.70): VV007249.D (-432) (-)

2.32

8000

6000

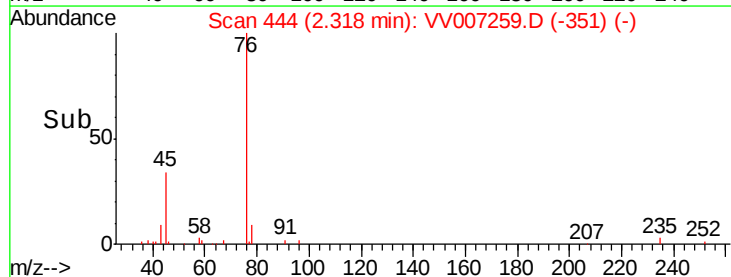
4000

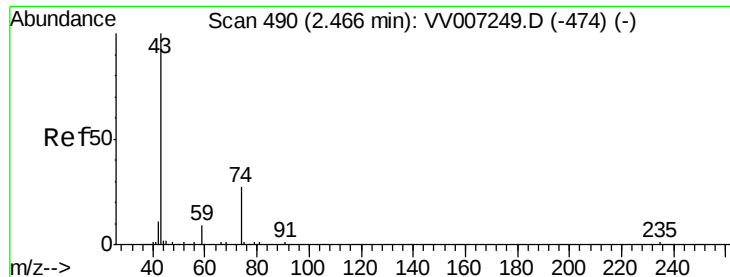
2000

0

Time-->

2.30 2.35





#15

Methvl Acetate

Concen: 0.385 ug/L

RT: 2.46 min Scan# 488

Delta R.T. -0.01 min

Lab File: VV007259.D

Acq: 29 Aug 2018 16:17

Instrument :

MSVOA_V

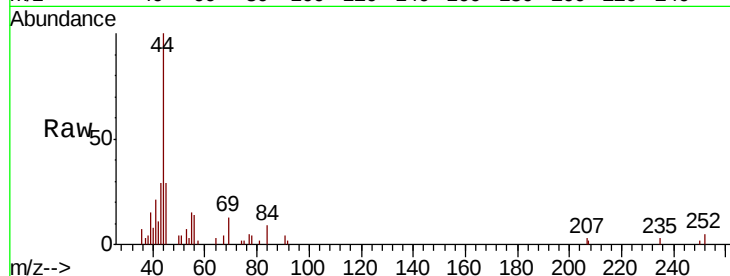
ClientSampleId :

Tot Ion: 43 Resp: 1990

Ion Ratio Lower Upper

43 100

74 6.5 22.2 33.2#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 74.05 (73.75 to 74.75): VV0

2.46

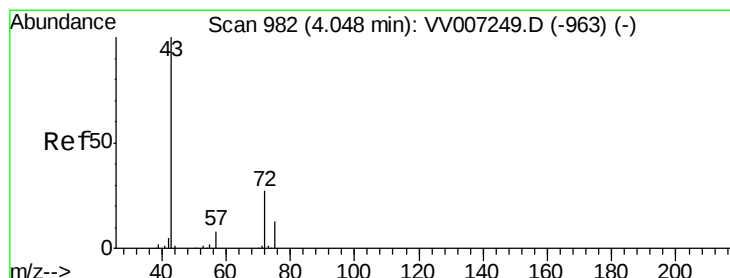
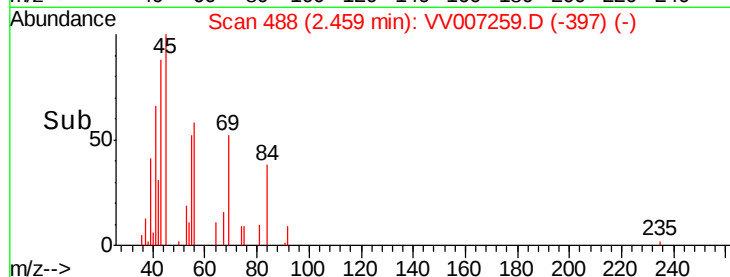
1500

1000

500

0

Time--> 2.40 2.45 2.50



#21

2-Butanone

Concen: 1.130 ug/L

RT: 4.06 min Scan# 986

Delta R.T. 0.01 min

Lab File: VV007259.D

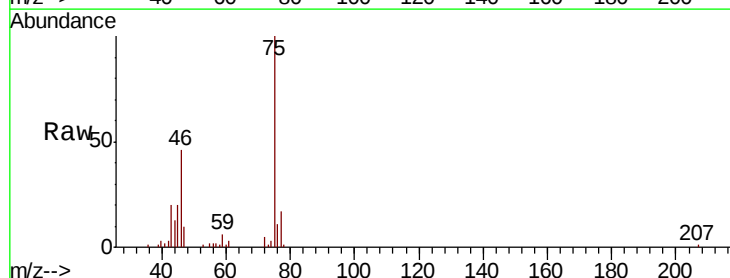
Acq: 29 Aug 2018 16:17

Tgt Ion: 43 Resp: 4577

Ion Ratio Lower Upper

43 100

72 32.8 12.4 37.0



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 72.10 (71.80 to 72.80): VV0

4.06

2500

2000

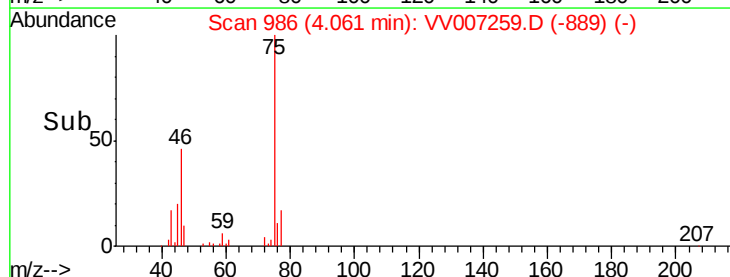
1500

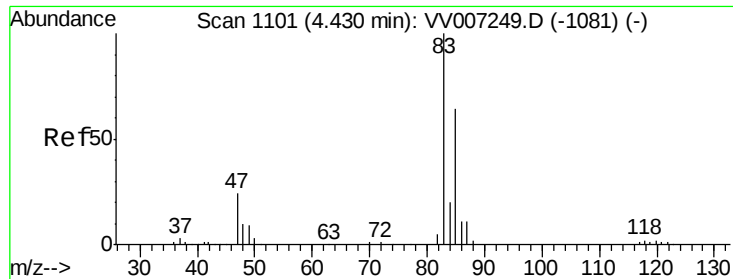
1000

500

0

Time--> 4.00 4.05 4.10

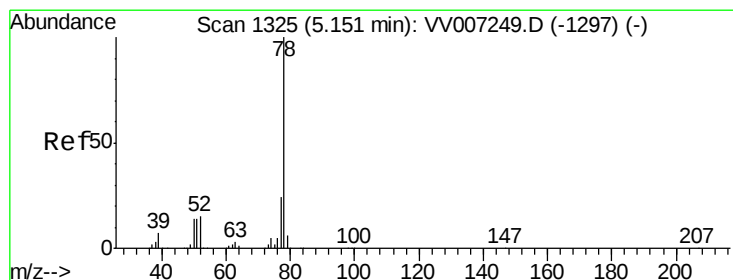
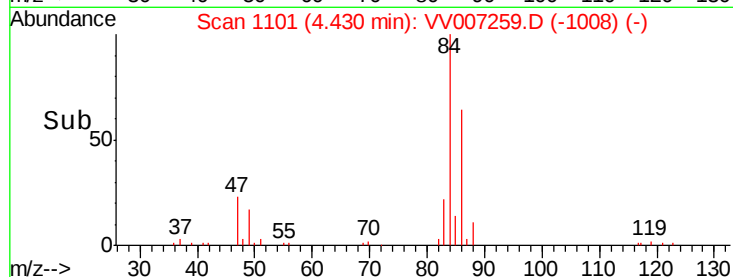
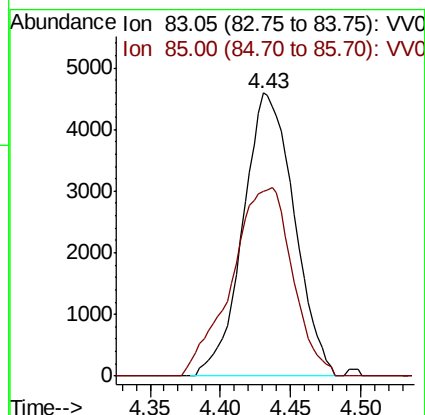
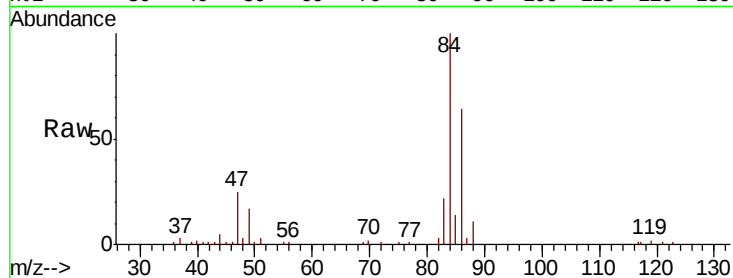




#25
Chloroform
Concen: 0.386 ug/L
RT: 4.43 min Scan# 1101
Delta R.T. -0.00 min
Lab File: VV007259.D
Acq: 29 Aug 2018 16:17

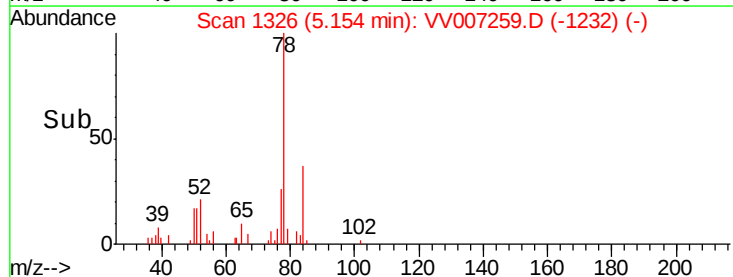
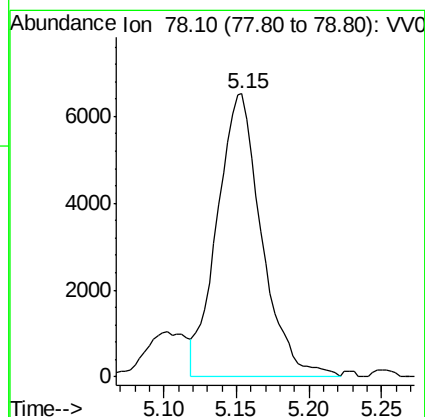
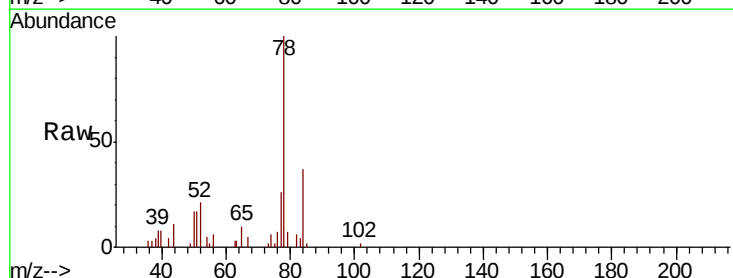
Instrument :
MSVOA_V
ClientSampled :

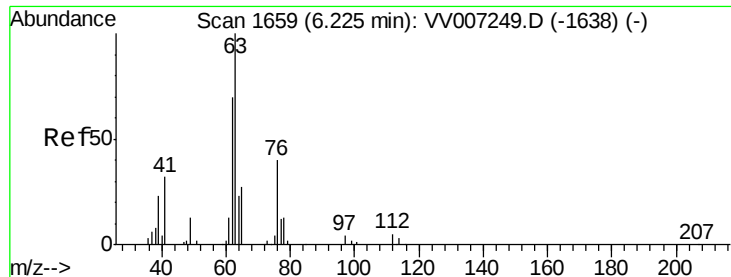
Tot Ion: 83 Resp: 11635
Ion Ratio Lower Upper
83 100
85 65.5 45.0 83.6



#33
Benzene
Concen: 0.213 ug/L
RT: 5.15 min Scan# 1326
Delta R.T. 0.00 min
Lab File: VV007259.D
Acq: 29 Aug 2018 16:17

Tgt Ion: 78 Resp: 13882

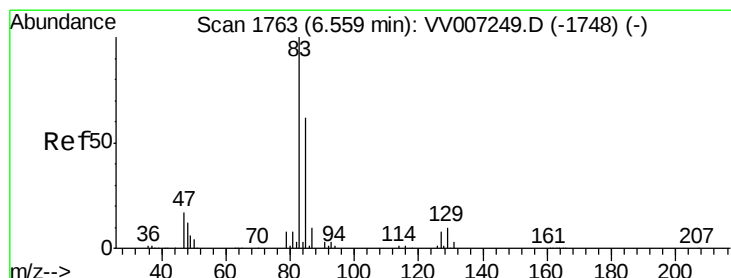
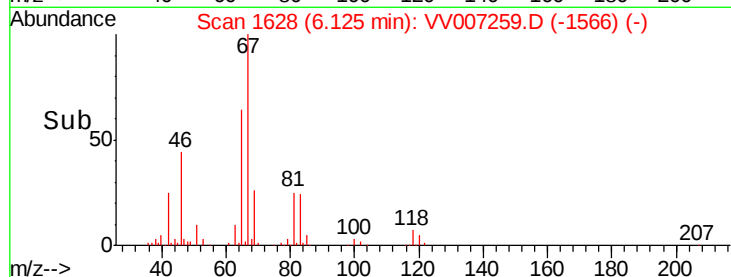
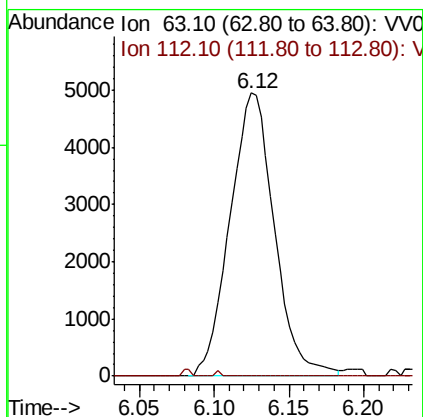
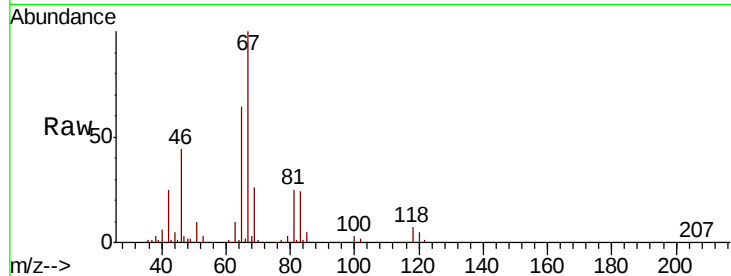




#37
 1,2-Dichloropropane
 Concen: 0.590 ug/L
 RT: 6.12 min Scan# 1628
 Delta R.T. -0.10 min
 Lab File: VV007259.D
 Acq: 29 Aug 2018 16:17

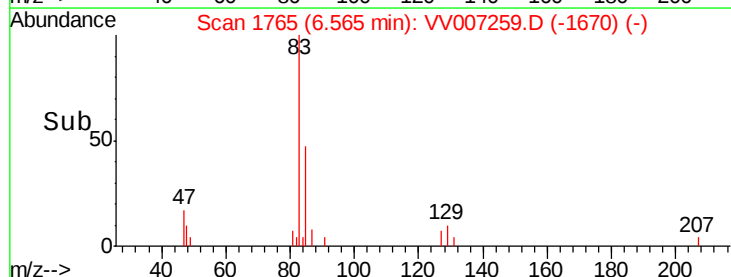
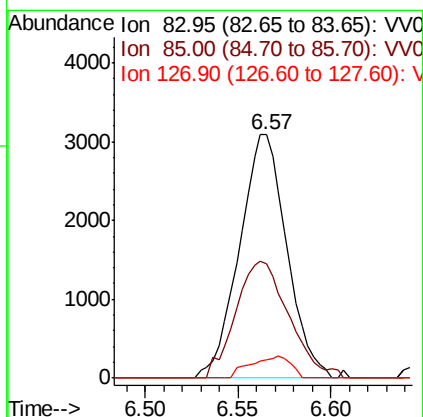
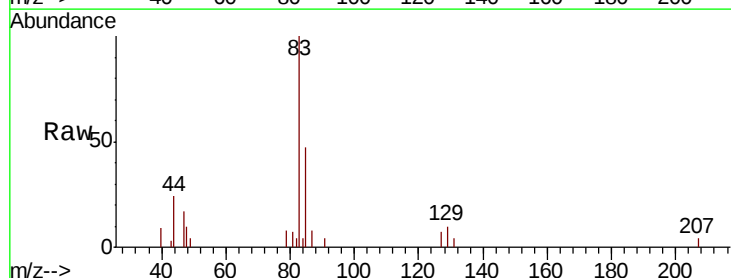
Instrument :
 MSVOA_V
 ClientSampled :

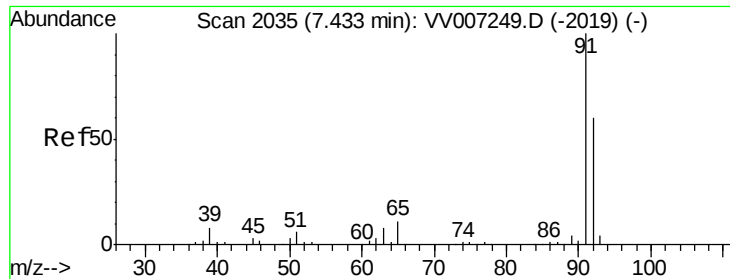
Tot Ion: 63 Resp: 10232
 Ion Ratio Lower Upper
 63 100
 112 0.2 3.9 5.9#



#38
 Bromodichloromethane
 Concen: 0.263 ug/L
 RT: 6.57 min Scan# 1765
 Delta R.T. 0.01 min
 Lab File: VV007259.D
 Acq: 29 Aug 2018 16:17

Tgt Ion: 83 Resp: 5470
 Ion Ratio Lower Upper
 83 100
 85 46.8 46.5 86.5
 127 7.3 6.6 10.0





#42

Toluene

Concen: 0.456 ug/L

RT: 7.44 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VV007259.D

Acq: 29 Aug 2018 16:17

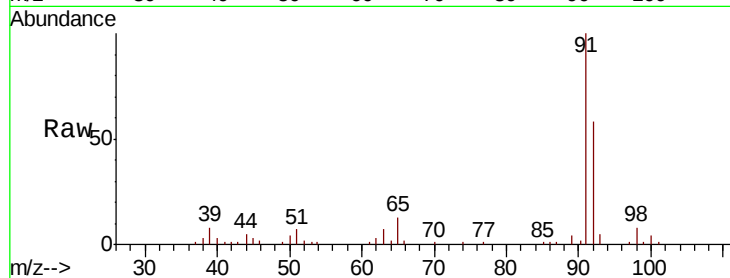
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 91 Resp: 29264

Ion Ratio Lower Upper

91 100

92 58.0 41.1 76.3



Abundance Ion 91.15 (90.85 to 91.85): VV007249.D (-2019) (-)

Ion 92.15 (91.85 to 92.85): VV007249.D (-2019) (-)

7.44

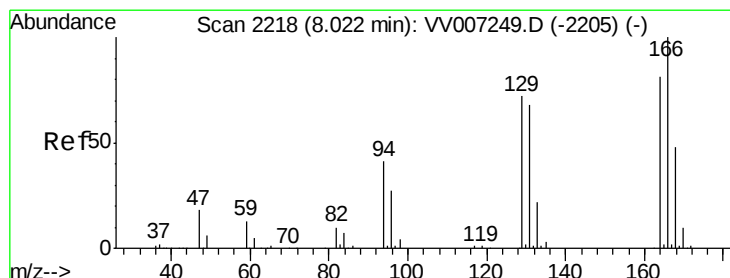
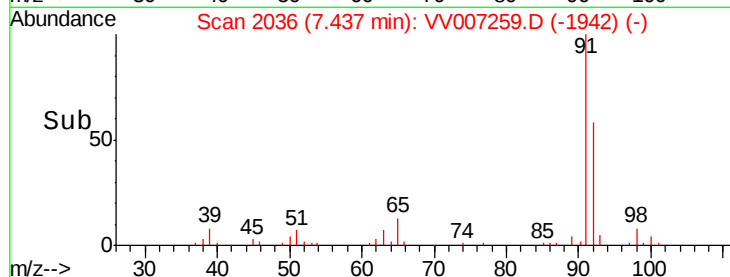
15000

10000

5000

0

Time-->



#47

Tetrachloroethene

Concen: 0.217 ug/L

RT: 8.02 min Scan# 2218

Delta R.T. -0.00 min

Lab File: VV007259.D

Acq: 29 Aug 2018 16:17

Tgt Ion: 164 Resp: 2951

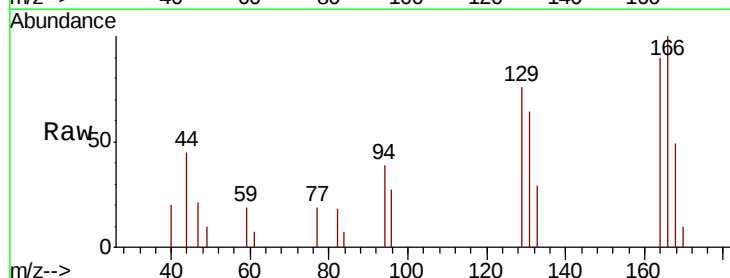
Ion Ratio Lower Upper

164 100

129 84.2 62.7 116.5

131 71.1 60.1 111.7

166 111.4 86.4 160.4



Abundance Ion 163.90 (163.60 to 164.60): VV007249.D (-2205) (-)

Ion 128.95 (128.65 to 129.65): VV007249.D (-2205) (-)

Ion 130.95 (130.65 to 131.65): VV007249.D (-2205) (-)

Ion 165.90 (165.60 to 166.60): VV007249.D (-2205) (-)

3000

2500

2000

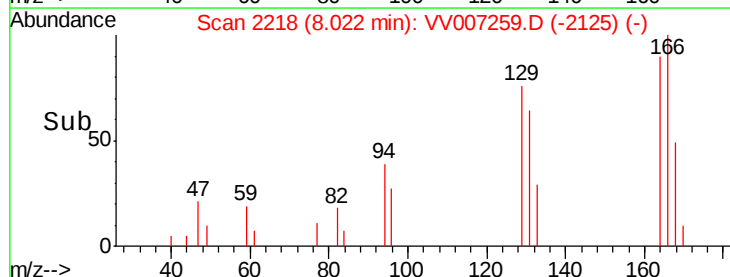
1500

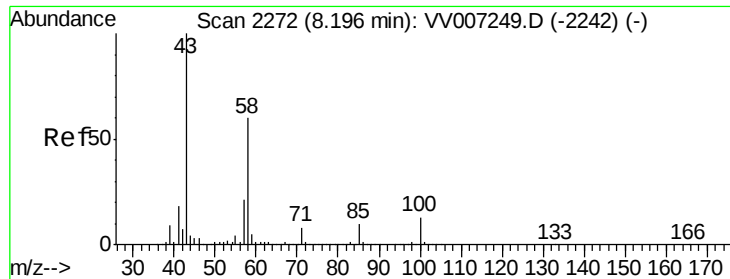
1000

500

0

Time-->

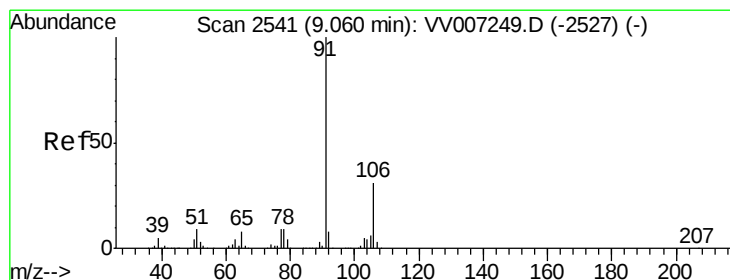
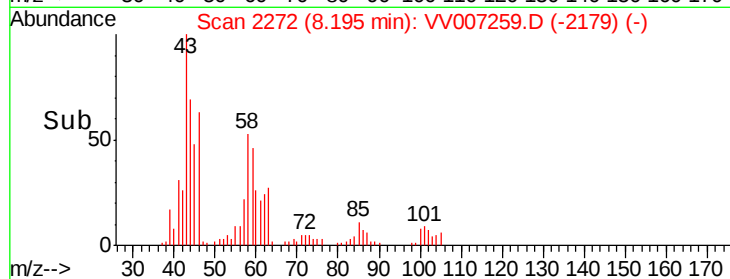
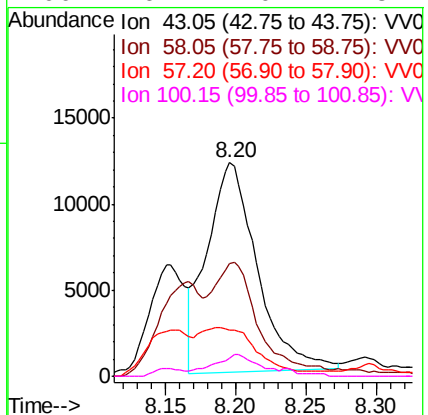
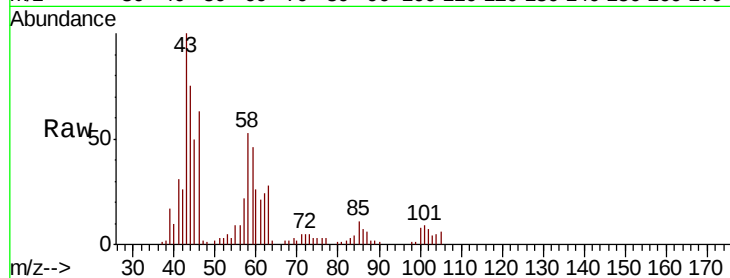




#48
2-Hexanone
Concen: 4.466 ug/L
RT: 8.20 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VV007259.D
Acq: 29 Aug 2018 16:17

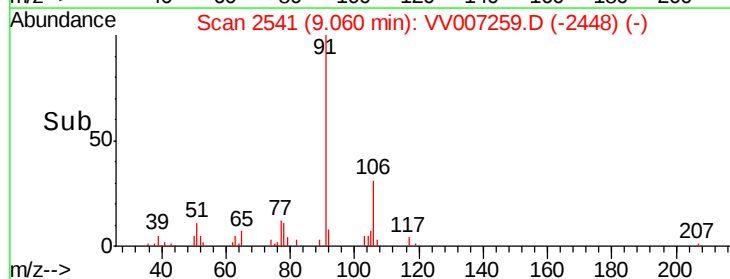
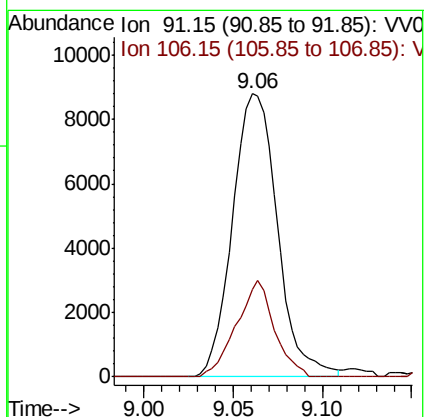
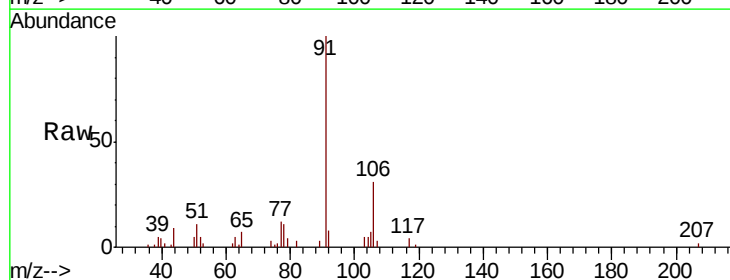
Instrument :
MSVOA_V
ClientSampleId :

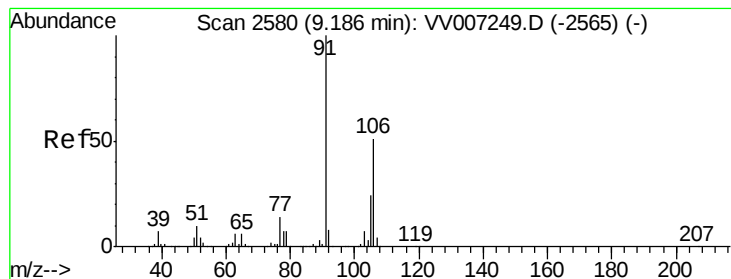
Tot Ion: 43 Resp: 30247
Ion Ratio Lower Upper
43 100
58 47.3 50.0 75.0#
57 25.3 16.6 25.0#
100 6.4 10.2 15.4#



#52
Ethylbenzene
Concen: 0.241 ug/L
RT: 9.06 min Scan# 2541
Delta R.T. -0.00 min
Lab File: VV007259.D
Acq: 29 Aug 2018 16:17

Tgt Ion: 91 Resp: 15522
Ion Ratio Lower Upper
91 100
106 30.7 22.3 41.3





#53

m,p-xylene

Concen: 0.829 ug/L

RT: 9.19 min Scan# 2580

Delta R.T. -0.00 min

Lab File: VV007259.D

Acq: 29 Aug 2018 16:17

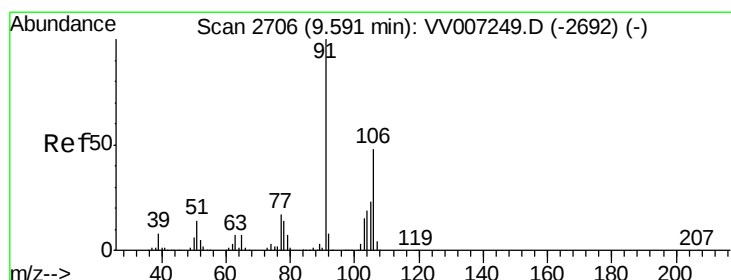
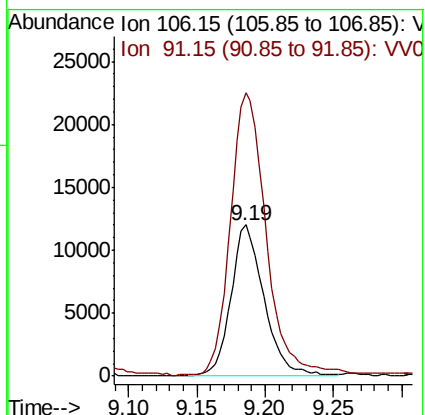
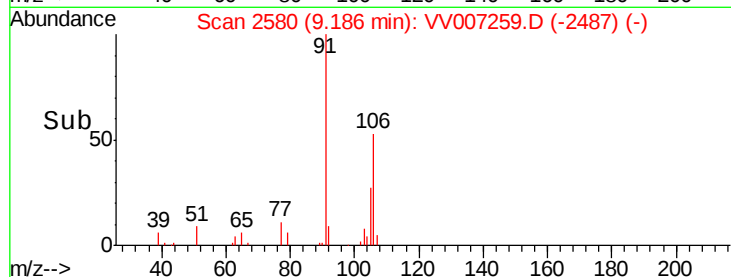
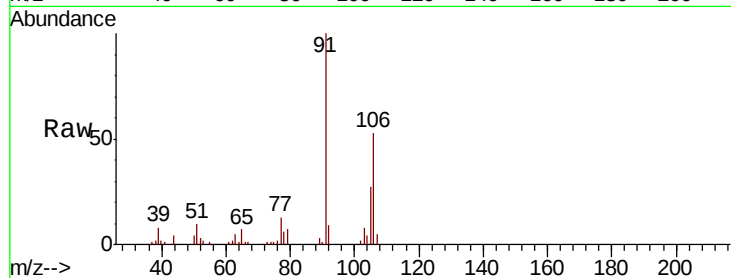
Instrument :
MSVOA_V
ClientSampled :

Tot Ion:106 Resp: 20339

Ion Ratio Lower Upper

106 100

91 187.4 138.4 257.0



#54

o-xylene

Concen: 0.365 ug/L

RT: 9.59 min Scan# 2706

Delta R.T. -0.00 min

Lab File: VV007259.D

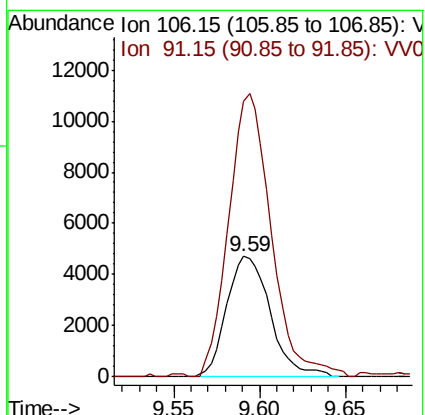
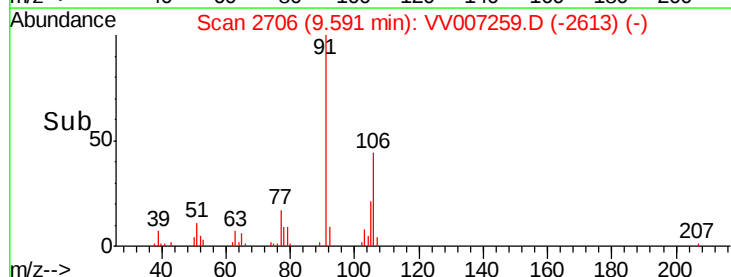
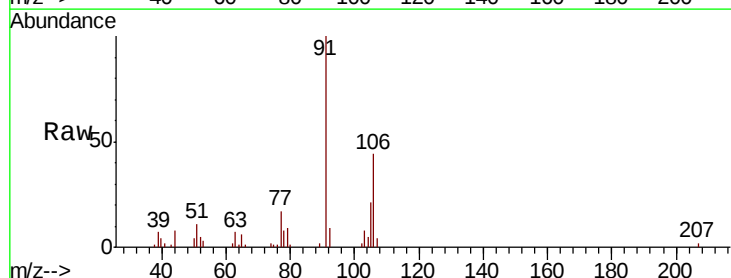
Acq: 29 Aug 2018 16:17

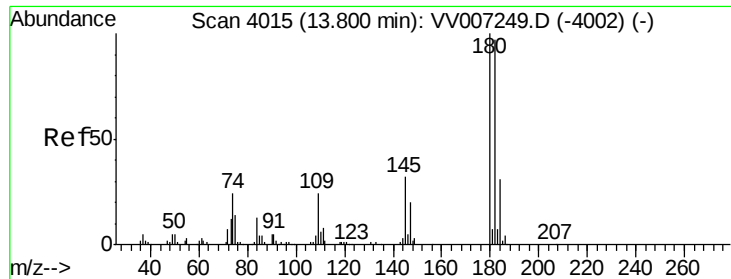
Tgt Ion:106 Resp: 8330

Ion Ratio Lower Upper

106 100

91 228.9 146.9 272.7





#70
 1,2,3-Trichlorobenzene
 Concen: 0.243 ug/L
 RT: 13.81 min Scan# 4017
 Delta R.T. 0.01 min
 Lab File: VV007259.D
 Acq: 29 Aug 2018 16:17

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	99.1	77.0	115.4
145	33.7	23.8	35.8

