

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060520\
 Data File : VV016568.D
 Acq On : 06 Jun 2020 04:51
 Operator : SY/MD
 Sample : L2862-14
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 06 06:33:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 06 06:28:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	383133	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	358039	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	178054	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	110891	40.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.72%
7) Chloroethane-d5	1.56	69	81467	41.58	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.16%
11) 1,1-Dichloroethene-d2	2.12	63	154569	32.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.26%
21) 2-Butanone-d5	3.89	46	184755	106.48	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.48%
24) Chloroform-d	4.37	84	237670	46.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.34%
26) 1,2-Dichloroethane-d4	5.05	65	165416	48.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.02%
32) Benzene-d6	5.07	84	477729	49.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.62%
36) 1,2-Dichloropropane-d6	6.09	67	149622	50.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.14%
41) Toluene-d8	7.34	98	433117	49.72	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.44%
43) trans-1,3-Dichloropropene-	7.64	79	68300	46.90	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.80%
47) 2-Hexanone-d5	8.11	63	143666	112.25	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	112.25%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	204209	50.38	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.76%
64) 1,2-Dichlorobenzene-d4	11.65	152	182424	54.52	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.04%

Target Compounds

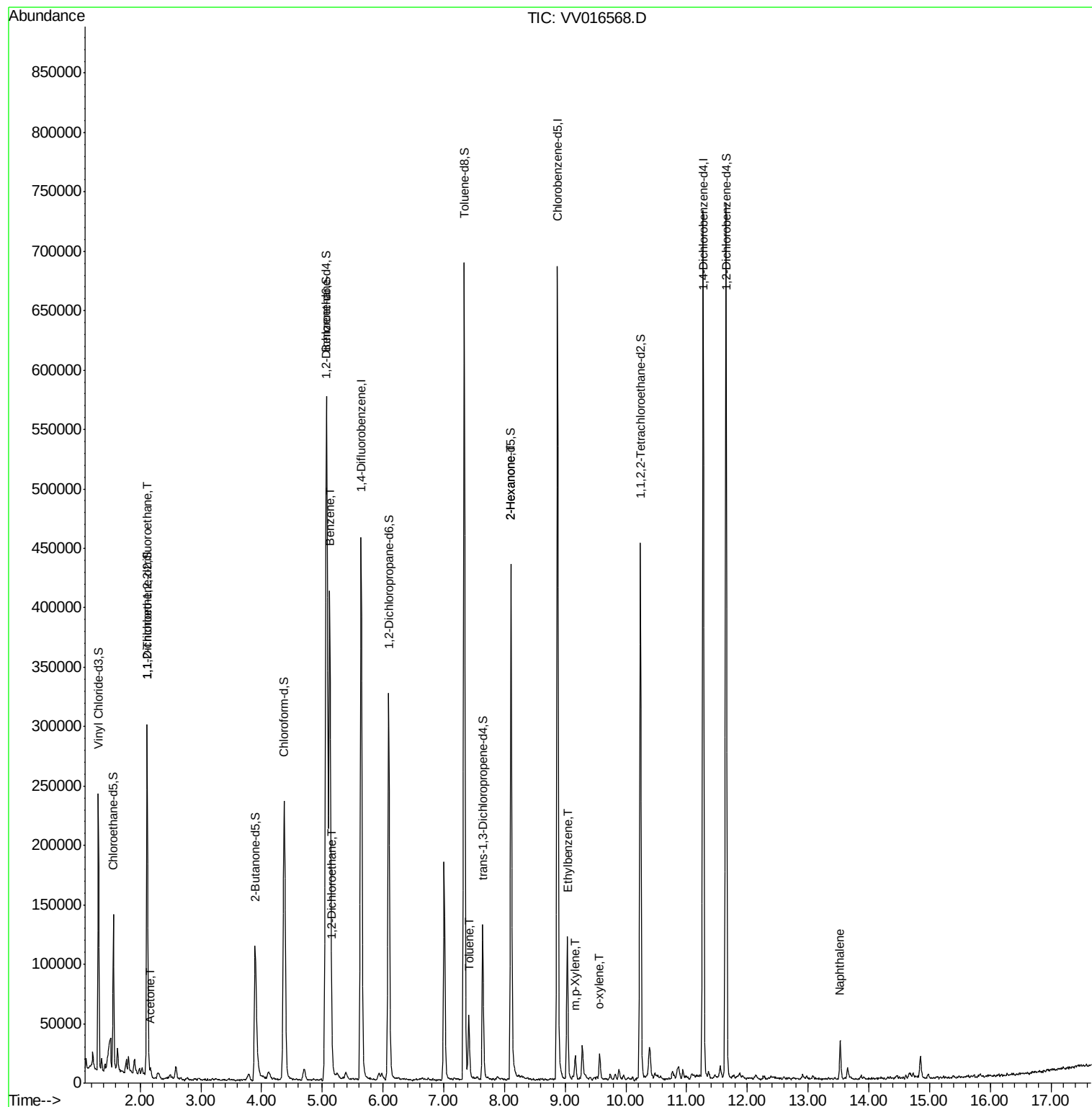
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1483	0.671	ug/L #	20
13) Acetone	2.17	43	5413	3.338	ug/L	65
27) 1,2-Dichloroethane	5.16	62	10380	2.455	ug/L	100
33) Benzene	5.12	78	402675	38.241	ug/L	100
42) Toluene	7.41	91	36997	3.316	ug/L	98
48) 2-Hexanone	8.11	43	16761	5.709	ug/L #	69
52) Ethylbenzene	9.04	91	81197	6.686	ug/L	98
53) m,p-Xylene	9.16	106	5342	1.167	ug/L	88
54) o-xylene	9.57	106	5550	1.251	ug/L	85
69) Naphthalene	13.53	128	23420	2.221	ug/L	98

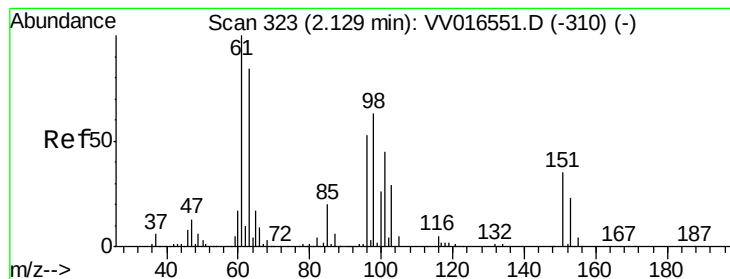
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV060520\
Data File : VV016568.D
Acq On : 06 Jun 2020 04:51
Operator : SY/MD
Sample : L2862-14
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Jun 06 06:33:57 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jun 06 06:28:49 2020
Response via : Initial Calibration





#10

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

Concen: 0.671 ug/L

RT: 2.12 min Scan# 319

Delta R.T. -0.01 min

Lab File: VV016568.D

Acq: 06 Jun 2020 04:51

Instrument :

MSVOA_V

ClientSampleId :

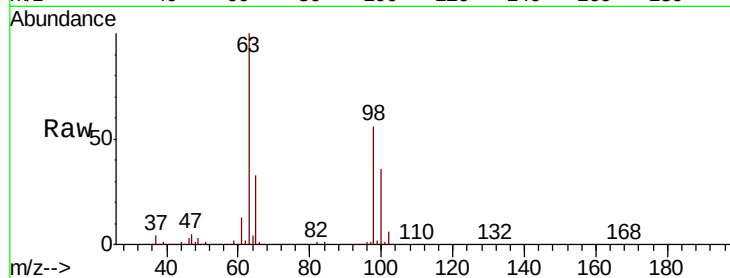
Tot Ion:101 Resp: 1483

Ion Ratio Lower Upper

101 100

85 2.8 35.6 53.4#

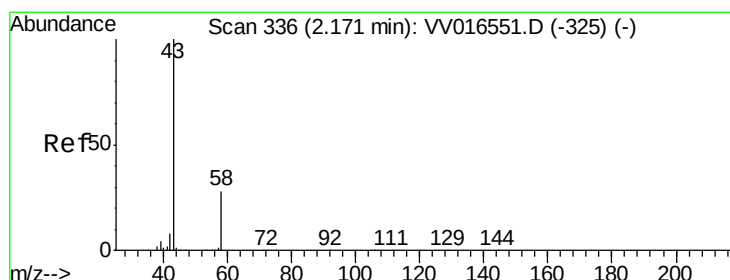
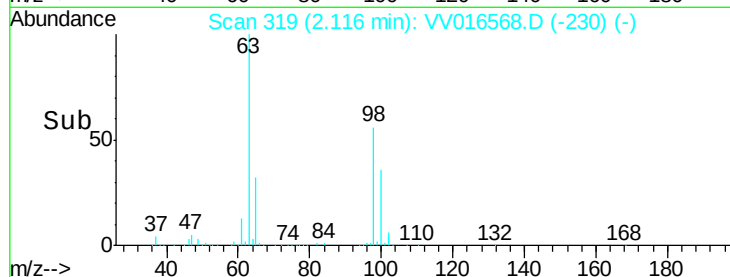
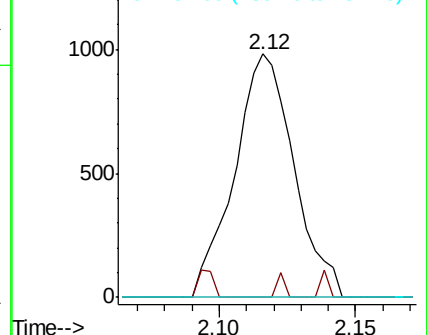
151 0.0 61.8 92.8#



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



#13

Acetone

Concen: 3.338 ug/L

RT: 2.17 min Scan# 337

Delta R.T. 0.00 min

Lab File: VV016568.D

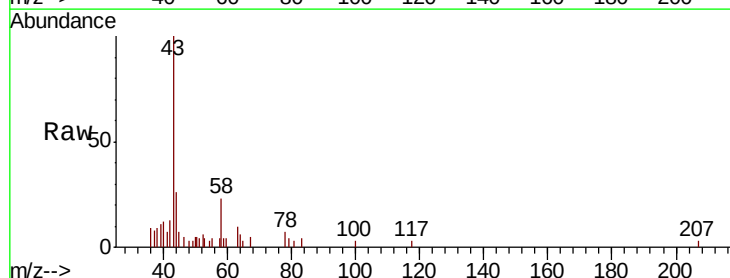
Acq: 06 Jun 2020 04:51

Tgt Ion: 43 Resp: 5413

Ion Ratio Lower Upper

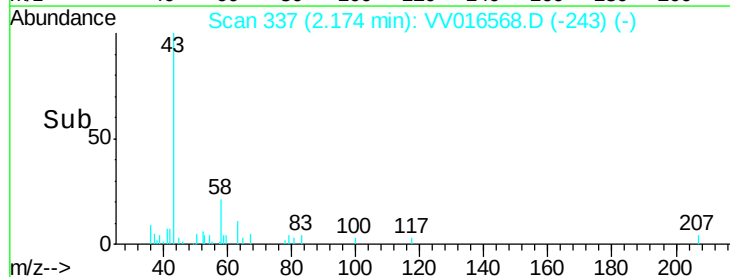
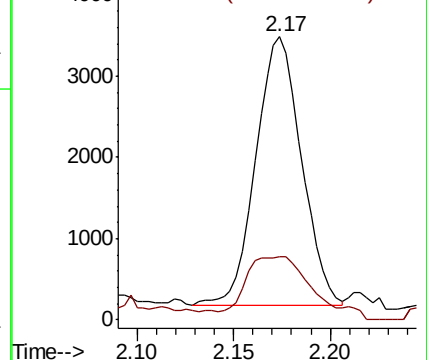
43 100

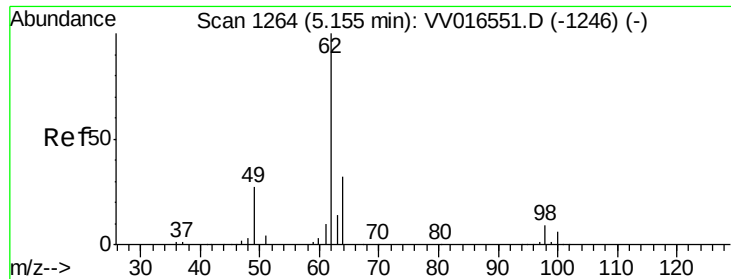
58 10.2 0.0 57.2



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

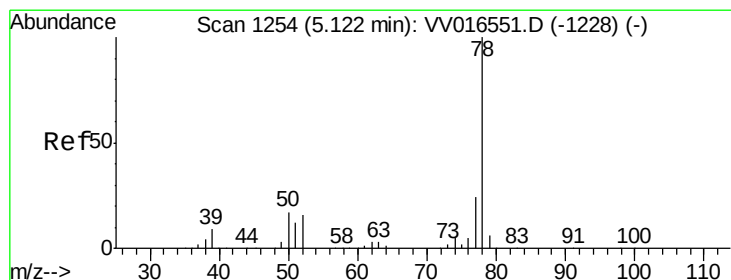
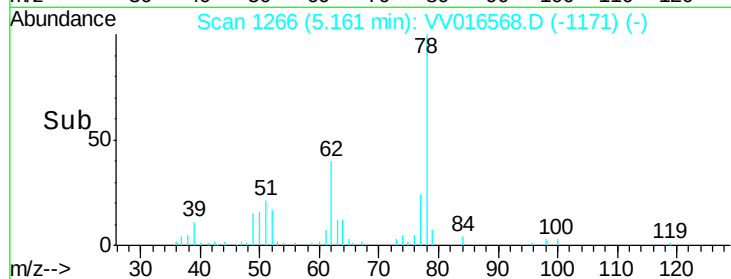
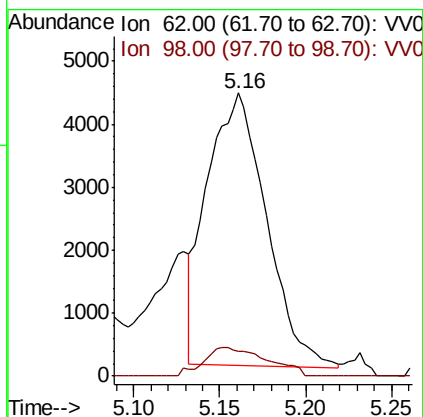
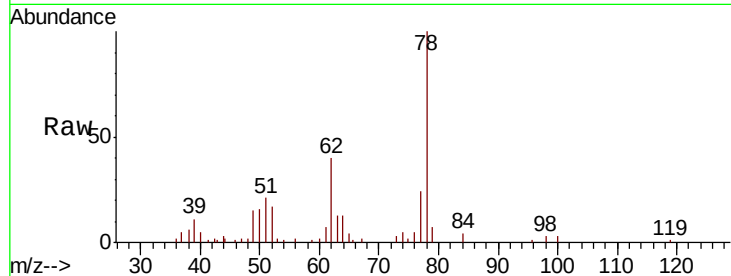




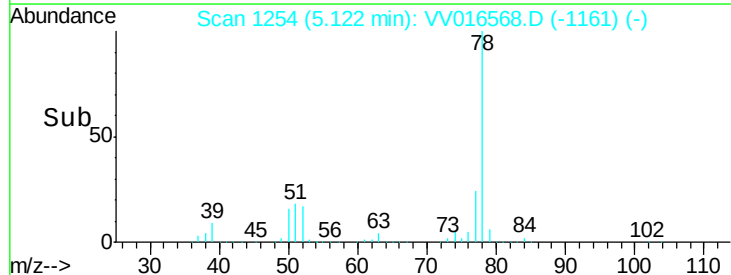
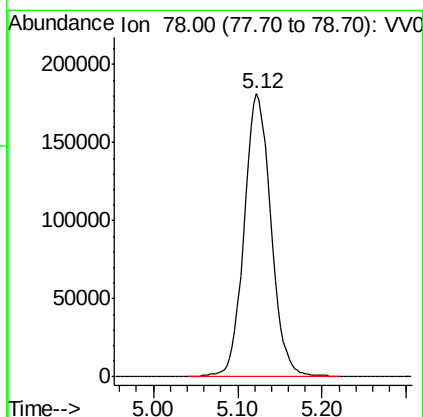
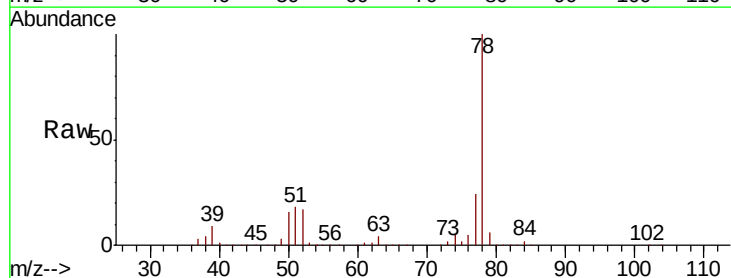
#27
 1,2-Dichloroethane
 Concen: 2.455 ug/L
 RT: 5.16 min Scan# 1266
 Delta R.T. 0.01 min
 Lab File: VV016568.D
 Acq: 06 Jun 2020 04:51

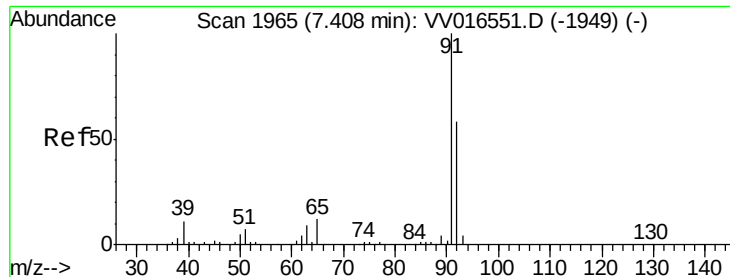
Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 62 Resp: 10380
 Ion Ratio Lower Upper
 62 100
 98 8.7 6.9 10.3



#33
 Benzene
 Concen: 38.241 ug/L
 RT: 5.12 min Scan# 1254
 Delta R.T. -0.00 min
 Lab File: VV016568.D
 Acq: 06 Jun 2020 04:51
 Tgt Ion: 78 Resp: 402675





#42

Toluene

Concen: 3.316 ug/L

RT: 7.41 min Scan# 1966

Delta R.T. 0.00 min

Lab File: VV016568.D

Acq: 06 Jun 2020 04:51

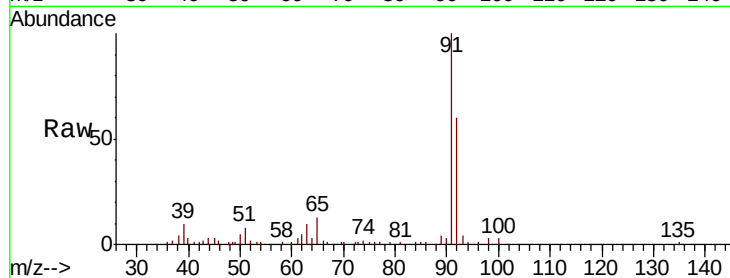
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 91 Resp: 36997

Ion Ratio Lower Upper

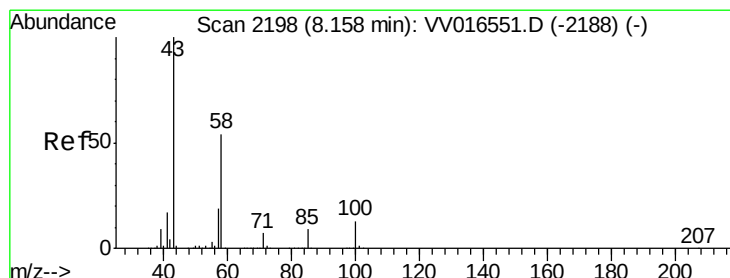
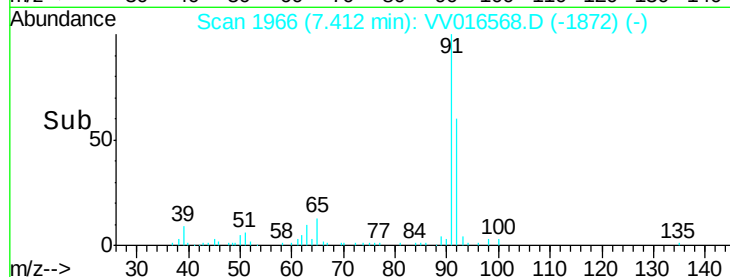
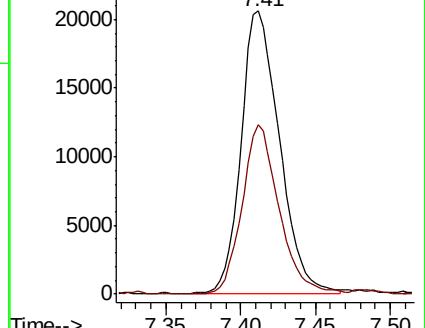
91 100

92 60.0 40.9 75.9



Abundance Ion 91.00 (90.70 to 91.70): VV016551.D (-1949) (-)

Ion 92.00 (91.70 to 92.70): VV016551.D (-1949) (-)



#48

2-Hexanone

Concen: 5.709 ug/L

RT: 8.11 min Scan# 2182

Delta R.T. -0.05 min

Lab File: VV016568.D

Acq: 06 Jun 2020 04:51

Tgt Ion: 43 Resp: 16761

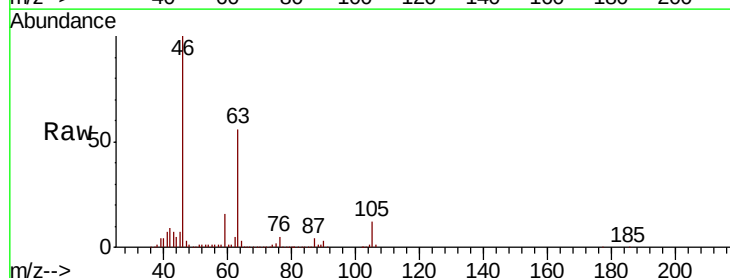
Ion Ratio Lower Upper

43 100

58 26.6 42.7 64.1#

57 23.3 14.5 21.7#

100 0.4 9.4 14.2#

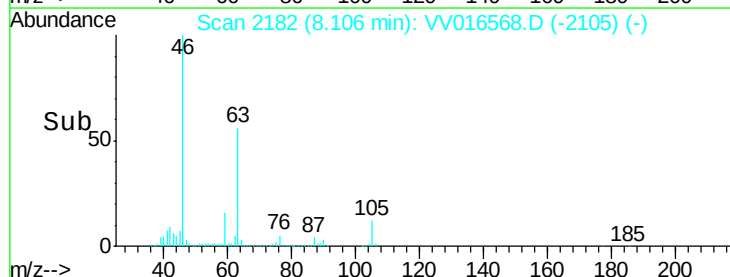
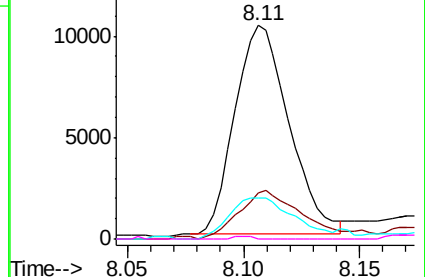


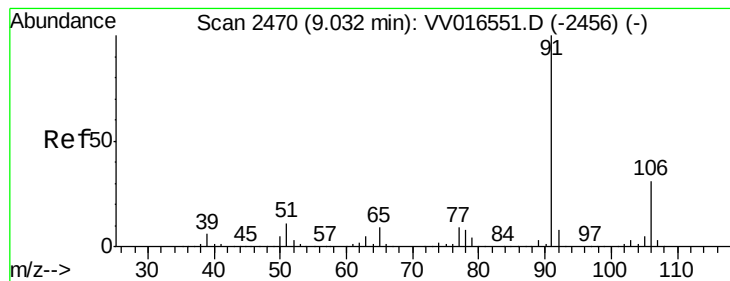
Abundance Ion 43.00 (42.70 to 43.70): VV016551.D (-2188) (-)

Ion 58.00 (57.70 to 58.70): VV016551.D (-2188) (-)

Ion 57.00 (56.70 to 57.70): VV016551.D (-2188) (-)

Ion 100.00 (99.70 to 100.70): VV016551.D (-2188) (-)





#52

Ethylbenzene

Concen: 6.686 ug/L

RT: 9.04 min Scan# 2471

Delta R.T. 0.00 min

Lab File: VV016568.D

Acq: 06 Jun 2020 04:51

Instrument :

MSVOA_V

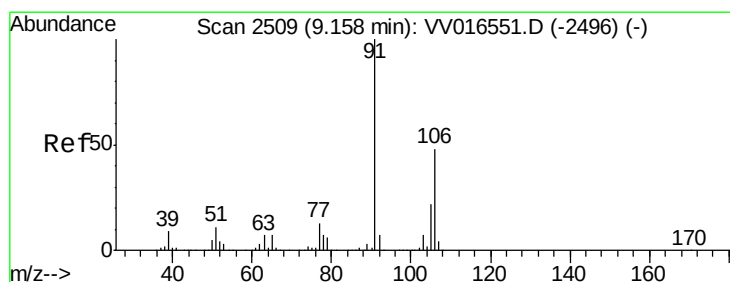
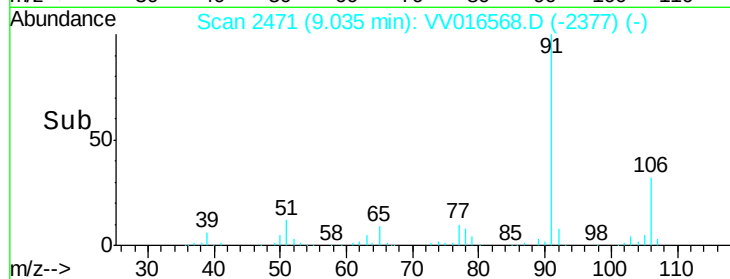
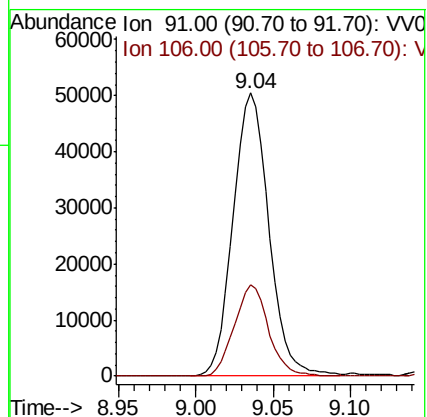
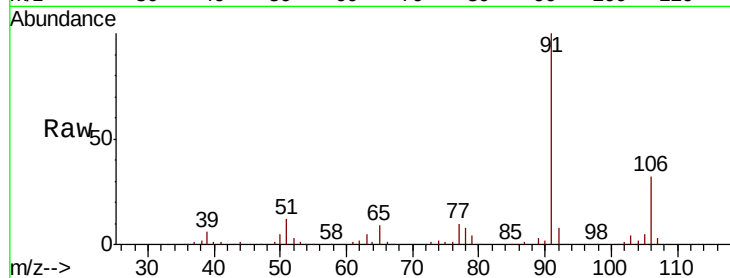
ClientSampleId :

Tot Ion: 91 Resp: 81197

Ion Ratio Lower Upper

91 100

106 32.2 21.8 40.4



#53

m,p-Xylene

Concen: 1.167 ug/L

RT: 9.16 min Scan# 2511

Delta R.T. 0.01 min

Lab File: VV016568.D

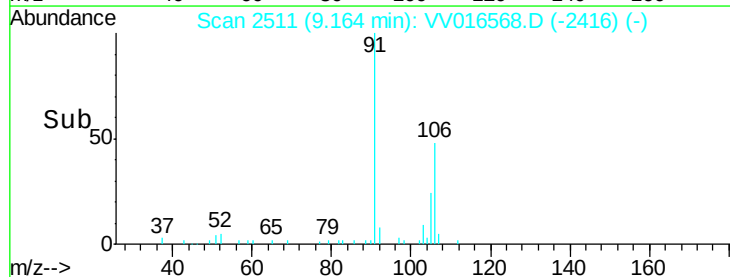
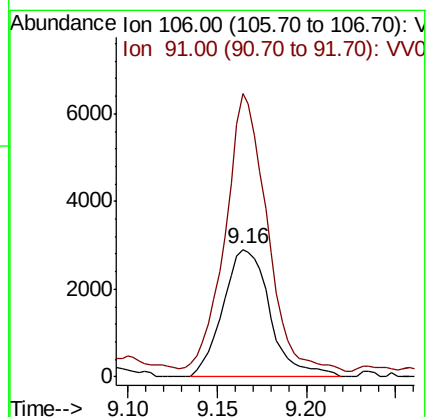
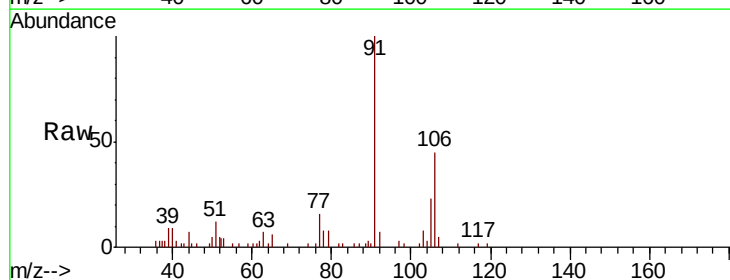
Acq: 06 Jun 2020 04:51

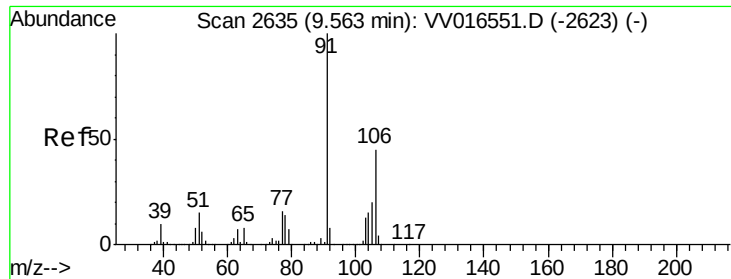
Tgt Ion: 106 Resp: 5342

Ion Ratio Lower Upper

106 100

91 221.7 142.5 264.6





#54

o-xylene

Concen: 1.251 ug/L

RT: 9.57 min Scan# 2636

Delta R.T. 0.00 min

Lab File: VV016568.D

Acq: 06 Jun 2020 04:51

Instrument :

MSVOA_V

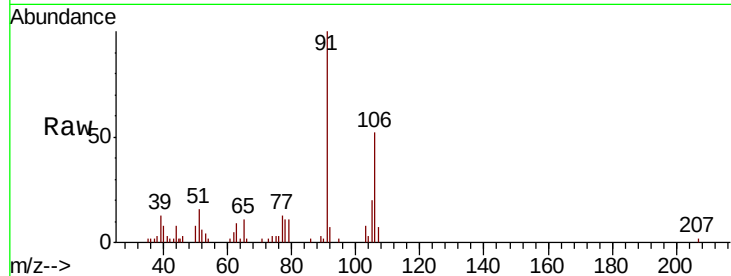
ClientSampleId :

Tot Ion:106 Resp: 5550

Ion Ratio Lower Upper

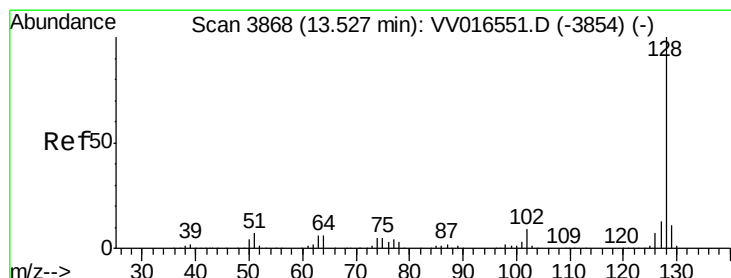
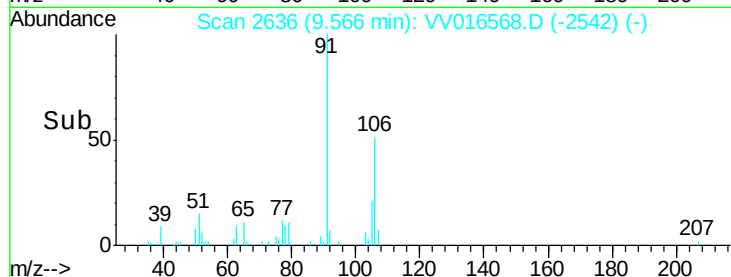
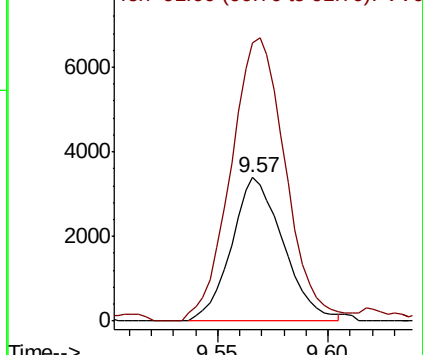
106 100

91 193.5 152.5 283.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0



#69

Naphthalene

Concen: 2.221 ug/L

RT: 13.53 min Scan# 3869

Delta R.T. 0.00 min

Lab File: VV016568.D

Acq: 06 Jun 2020 04:51

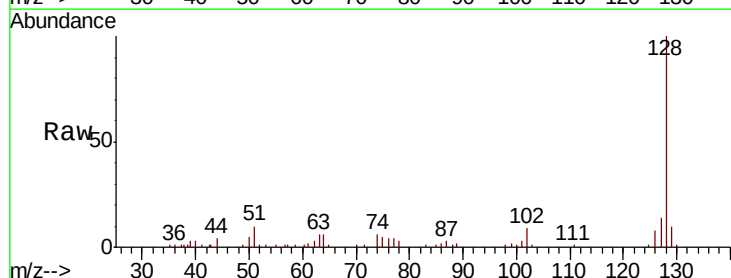
Tgt Ion:128 Resp: 23420

Ion Ratio Lower Upper

128 100

127 14.1 10.2 15.4

129 11.4 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

