

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061120\
 Data File : VV016847.D
 Acq On : 11 Jun 2020 23:35
 Operator : SY/MD
 Sample : L2915-03 200X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 12 05:59:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 12 05:55:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	341817	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	328469	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	163875	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	102053	42.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.62%
7) Chloroethane-d5	1.56	69	71621	49.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.98%
11) 1,1-Dichloroethene-d2	2.11	63	138956	34.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.62%
21) 2-Butanone-d5	3.89	46	159840	89.54	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.54%
24) Chloroform-d	4.37	84	211131	43.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.10%
26) 1,2-Dichloroethane-d4	5.05	65	155658	46.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.32%
32) Benzene-d6	5.07	84	417806	44.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.26%
36) 1,2-Dichloropropane-d6	6.09	67	128910	43.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.36%
41) Toluene-d8	7.34	98	376952	43.38	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.76%
43) trans-1,3-Dichloropropene-	7.64	79	62554	40.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.38%
47) 2-Hexanone-d5	8.11	63	97031	75.41	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	75.41%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	169601	43.41	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.82%
64) 1,2-Dichlorobenzene-d4	11.65	152	164370	47.00	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.00%

Target Compounds

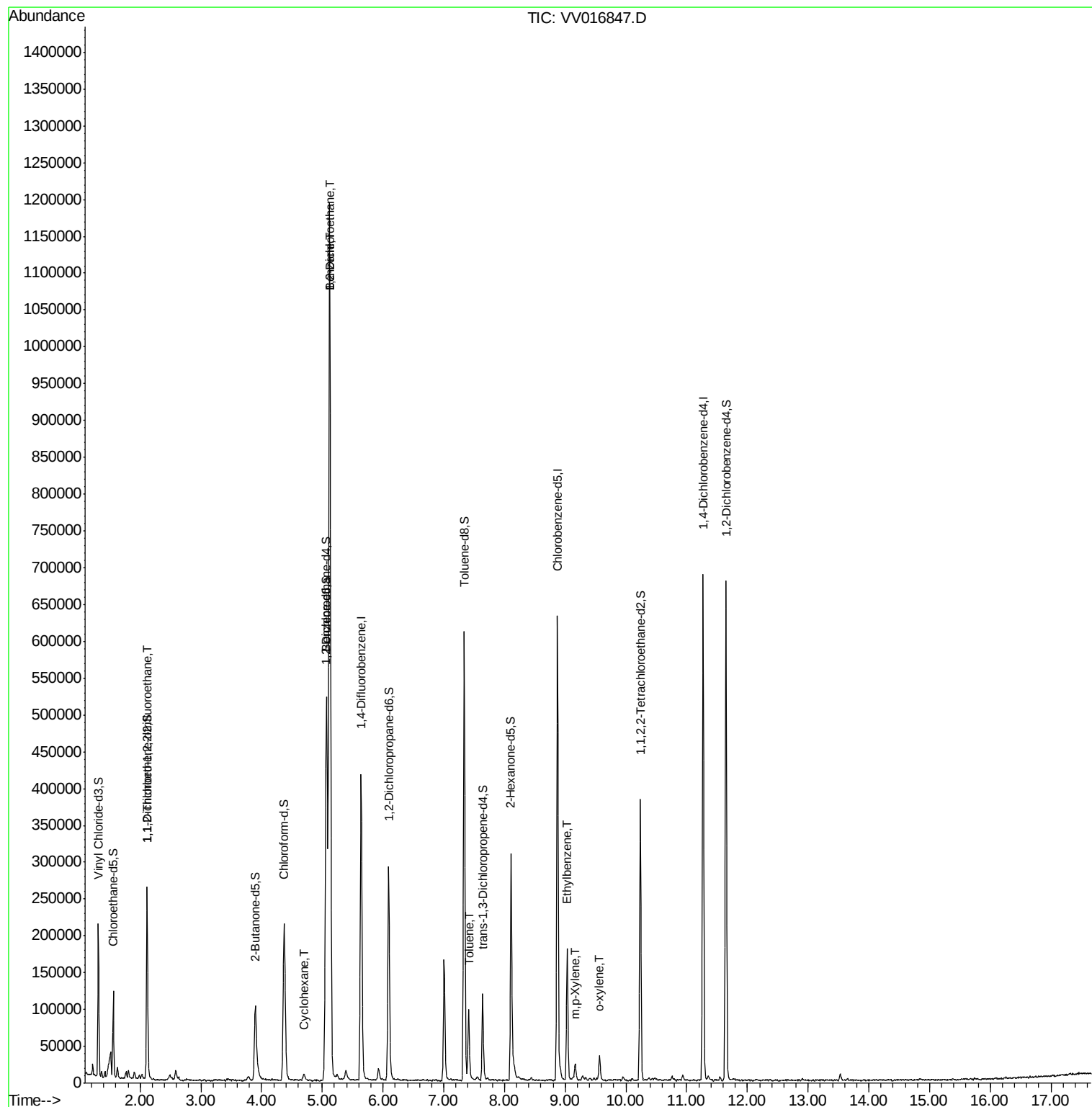
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1414	0.778 ug/L #	22
27) 1,2-Dichloroethane	5.12	62	12822	3.418 ug/L #	80
29) Cyclohexane	4.70	56	4368	1.070 ug/L #	60
33) Benzene	5.12	78	1148881	118.216 ug/L	100
42) Toluene	7.41	91	65832	6.426 ug/L	100
52) Ethylbenzene	9.03	91	119211	10.505 ug/L	98
53) m,p-Xylene	9.16	106	5294	1.253 ug/L	87
54) o-xylene	9.57	106	8900	2.136 ug/L	82

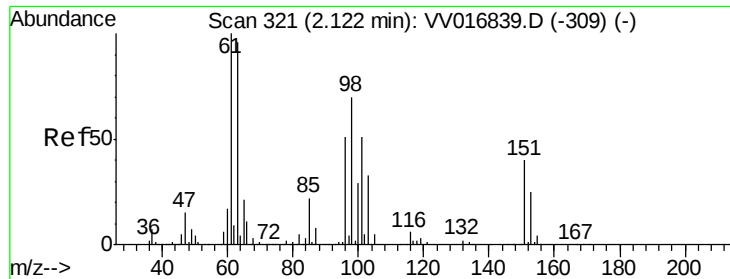
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jun 12 05:55:11 2020
Response via : Initial Calibration





#10

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

Concen: 0.778 ug/L

RT: 2.12 min Scan# 319

Delta R.T. -0.01 min

Lab File: VV016847.D

Acq: 11 Jun 2020 23:35

Instrument :

MSVOA_V

ClientSampled :

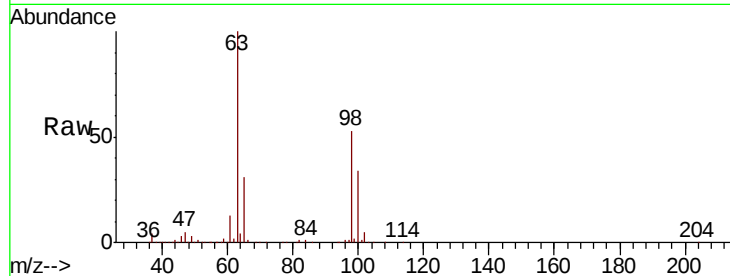
Tot Ion:101 Resp: 1414

Ion Ratio Lower Upper

101 100

85 3.3 35.5 53.3#

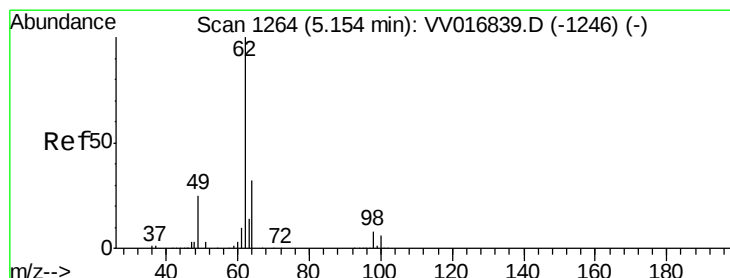
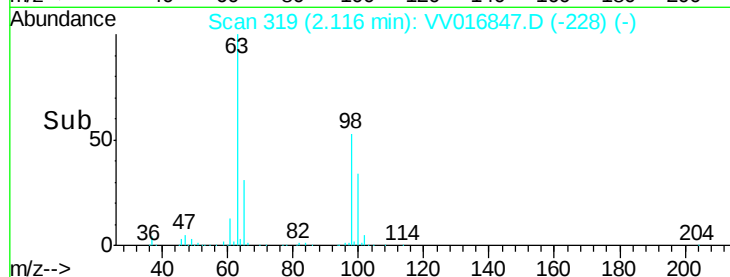
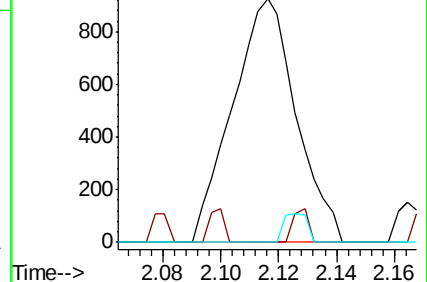
151 4.3 63.9 95.9#



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



#27

1,2-Dichloroethane

Concen: 3.418 ug/L

RT: 5.12 min Scan# 1253

Delta R.T. -0.04 min

Lab File: VV016847.D

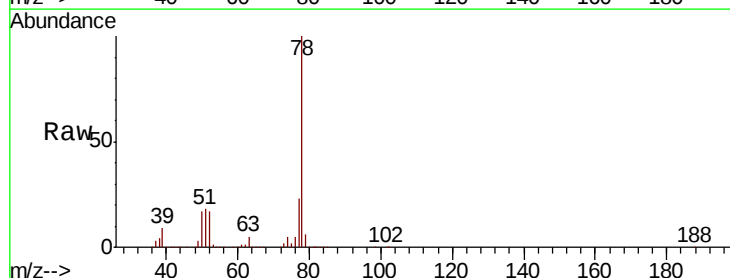
Acq: 11 Jun 2020 23:35

Tgt Ion: 62 Resp: 12822

Ion Ratio Lower Upper

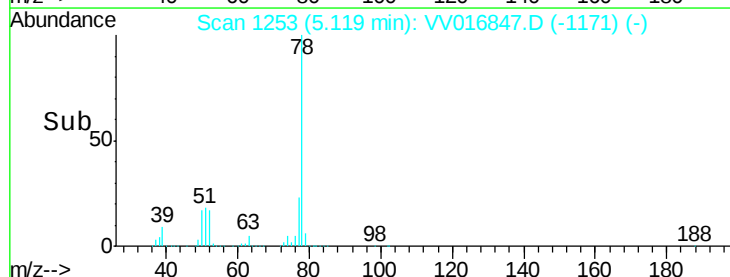
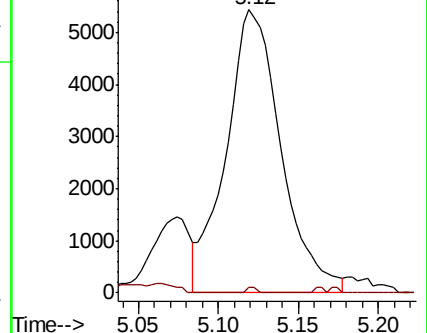
62 100

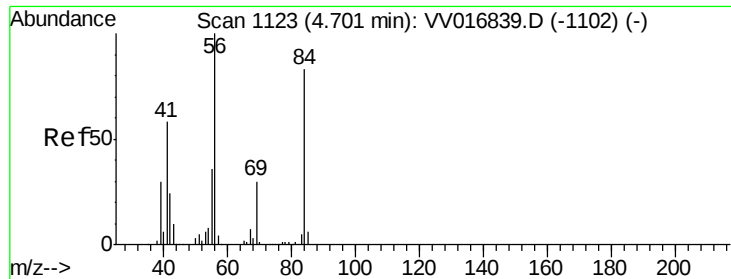
98 2.0 7.4 11.2#



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 98.00 (97.70 to 98.70): VV0

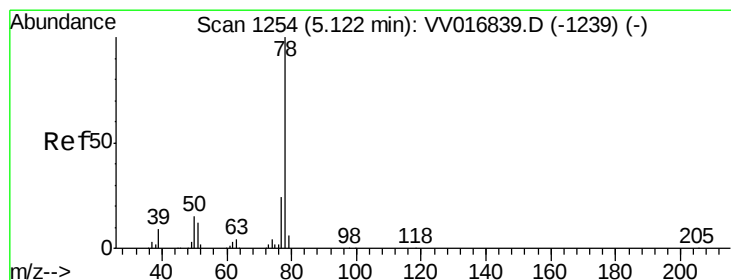
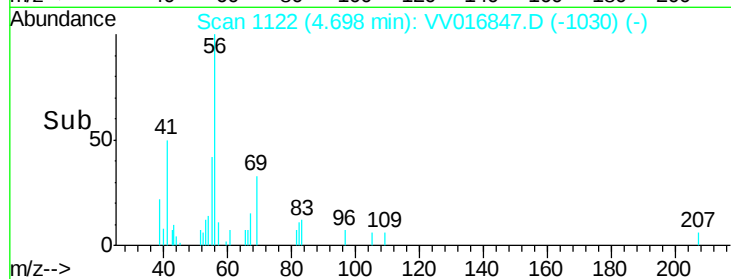
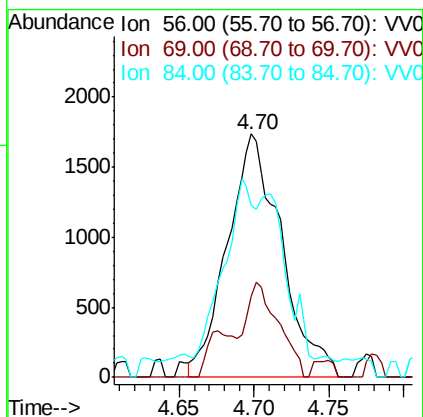
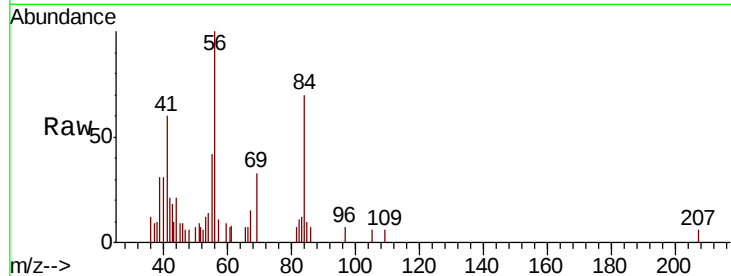




#29
Cyclohexane
Concen: 1.070 ug/L
RT: 4.70 min Scan# 1122
Delta R.T. -0.00 min
Lab File: VV016847.D
Acq: 11 Jun 2020 23:35

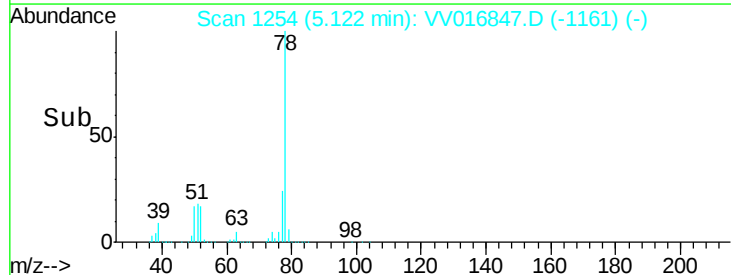
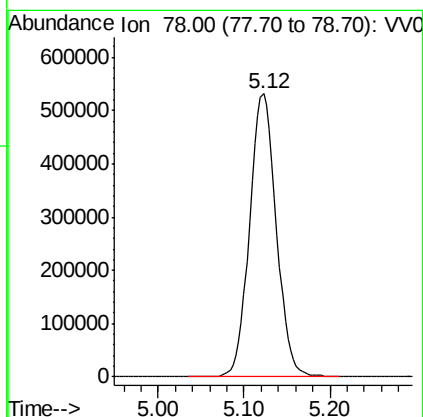
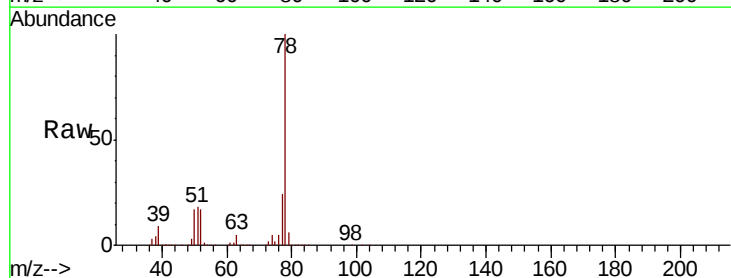
Instrument :
MSVOA_V
ClientSampleId :

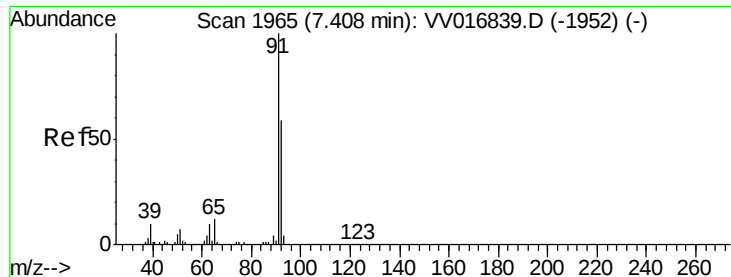
Tot Ion: 56 Resp: 4368
Ion Ratio Lower Upper
56 100
69 23.3 25.0 37.4#
84 41.4 69.5 104.3#



#33
Benzene
Concen: 118.216 ug/L
RT: 5.12 min Scan# 1254
Delta R.T. 0.00 min
Lab File: VV016847.D
Acq: 11 Jun 2020 23:35

Tgt Ion: 78 Resp: 1148881





#42

Toluene

Concen: 6.426 ug/L

RT: 7.41 min Scan# 1966

Delta R.T. 0.00 min

Lab File: VV016847.D

Acq: 11 Jun 2020 23:35

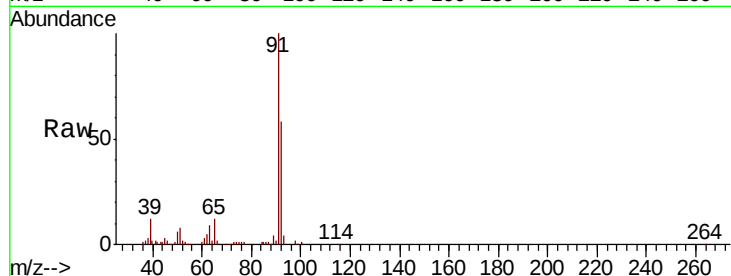
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 91 Resp: 65832

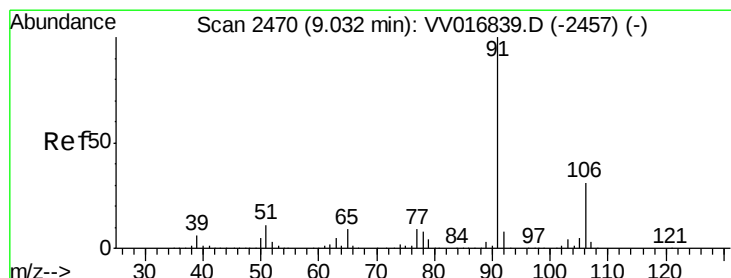
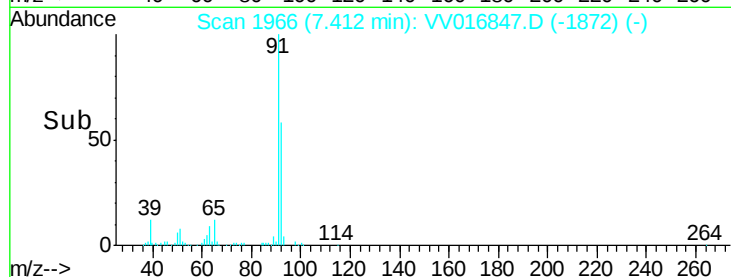
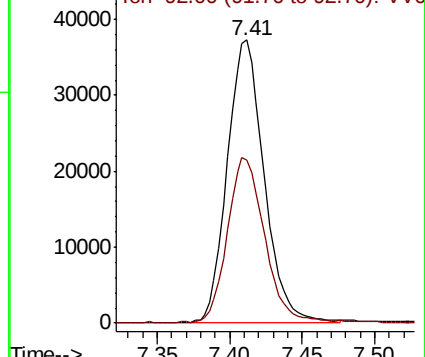
Ion Ratio Lower Upper

91 100

92 57.8 40.4 75.0



Abundance Ion 91.00 (90.70 to 91.70): VV0
Ion 92.00 (91.70 to 92.70): VV0



#52

Ethylbenzene

Concen: 10.505 ug/L

RT: 9.03 min Scan# 2470

Delta R.T. 0.00 min

Lab File: VV016847.D

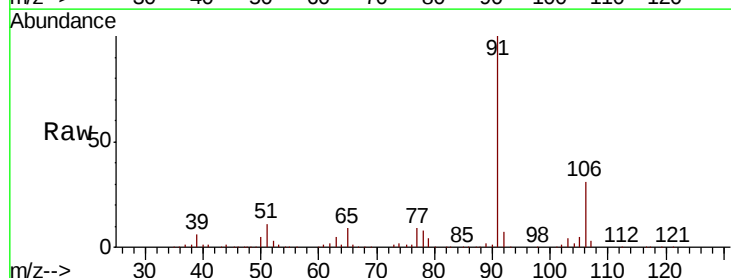
Acq: 11 Jun 2020 23:35

Tgt Ion: 91 Resp: 119211

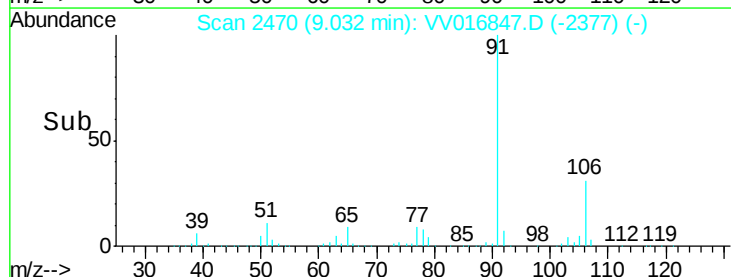
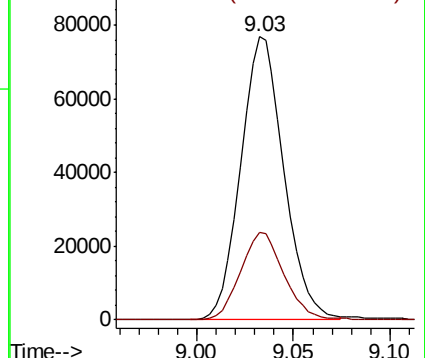
Ion Ratio Lower Upper

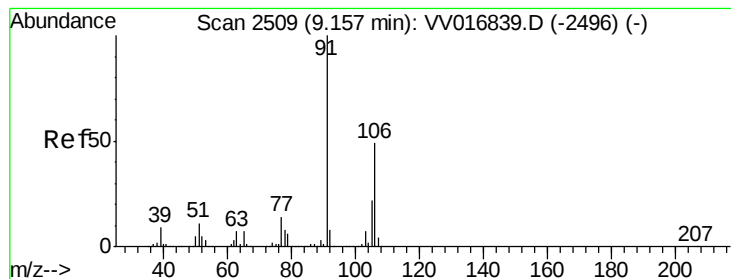
91 100

106 30.9 21.1 39.1



Abundance Ion 91.00 (90.70 to 91.70): VV0
Ion 106.00 (105.70 to 106.70): V





#53

m,p-Xylene

Concen: 1.253 ug/L

RT: 9.16 min Scan# 2511

Delta R.T. 0.01 min

Lab File: VV016847.D

Acq: 11 Jun 2020 23:35

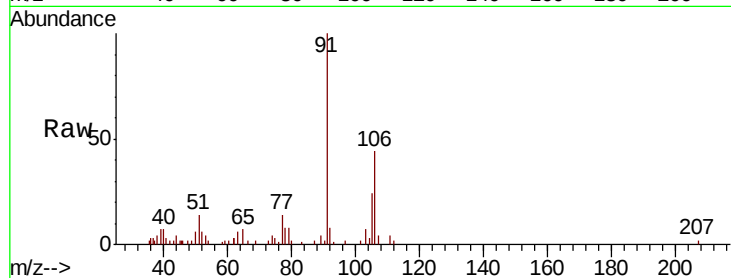
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:106 Resp: 5294

Ion Ratio Lower Upper

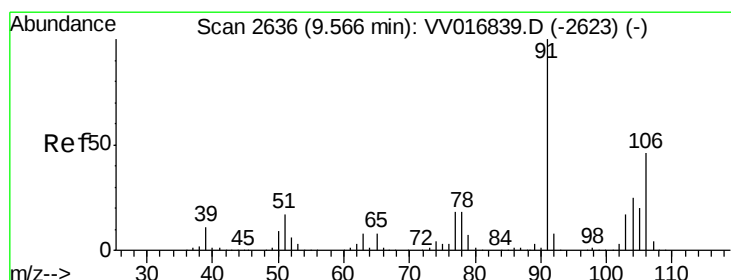
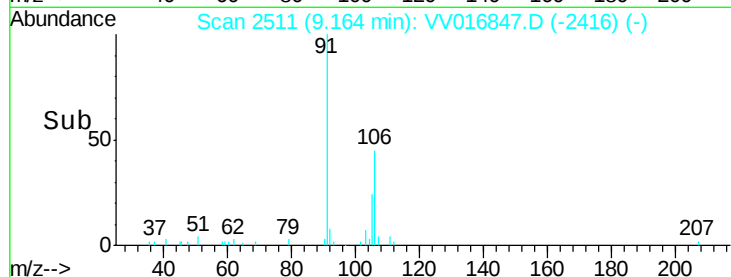
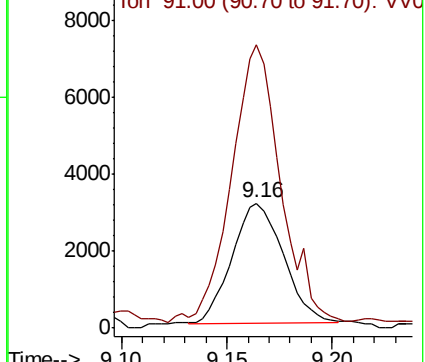
106 100

91 226.0 144.6 268.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0



#54

o-xylene

Concen: 2.136 ug/L

RT: 9.57 min Scan# 2636

Delta R.T. 0.00 min

Lab File: VV016847.D

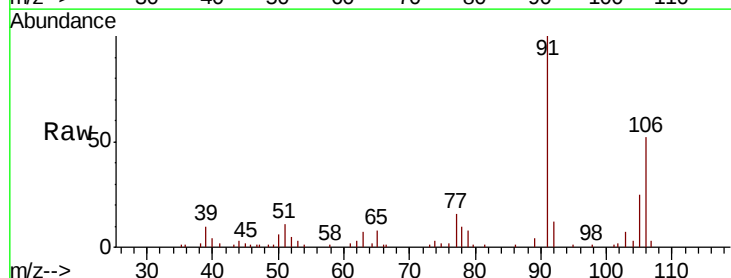
Acq: 11 Jun 2020 23:35

Tgt Ion:106 Resp: 8900

Ion Ratio Lower Upper

106 100

91 193.1 155.9 289.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0

