

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061120\
 Data File : VV016854.D
 Acq On : 12 Jun 2020 02:21
 Operator : SY/MD
 Sample : L2915-15 200X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 12 06:00:26 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	359420	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	339227	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	168737	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	103130	40.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.32%
7) Chloroethane-d5	1.55	69	71519	47.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.00%
11) 1,1-Dichloroethene-d2	2.11	63	139612	32.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.56%
21) 2-Butanone-d5	3.89	46	164747	87.77	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.77%
24) Chloroform-d	4.37	84	217228	42.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.24%
26) 1,2-Dichloroethane-d4	5.05	65	157627	44.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.88%
32) Benzene-d6	5.07	84	429492	43.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.84%
36) 1,2-Dichloropropane-d6	6.09	67	131430	43.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.24%
41) Toluene-d8	7.34	98	387798	43.22	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.44%
43) trans-1,3-Dichloropropene-	7.64	79	63477	39.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.96%
47) 2-Hexanone-d5	8.11	63	102870	77.41	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	77.41%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	171966	42.62	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.24%
64) 1,2-Dichlorobenzene-d4	11.65	152	169482	47.07	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.14%

Target Compounds

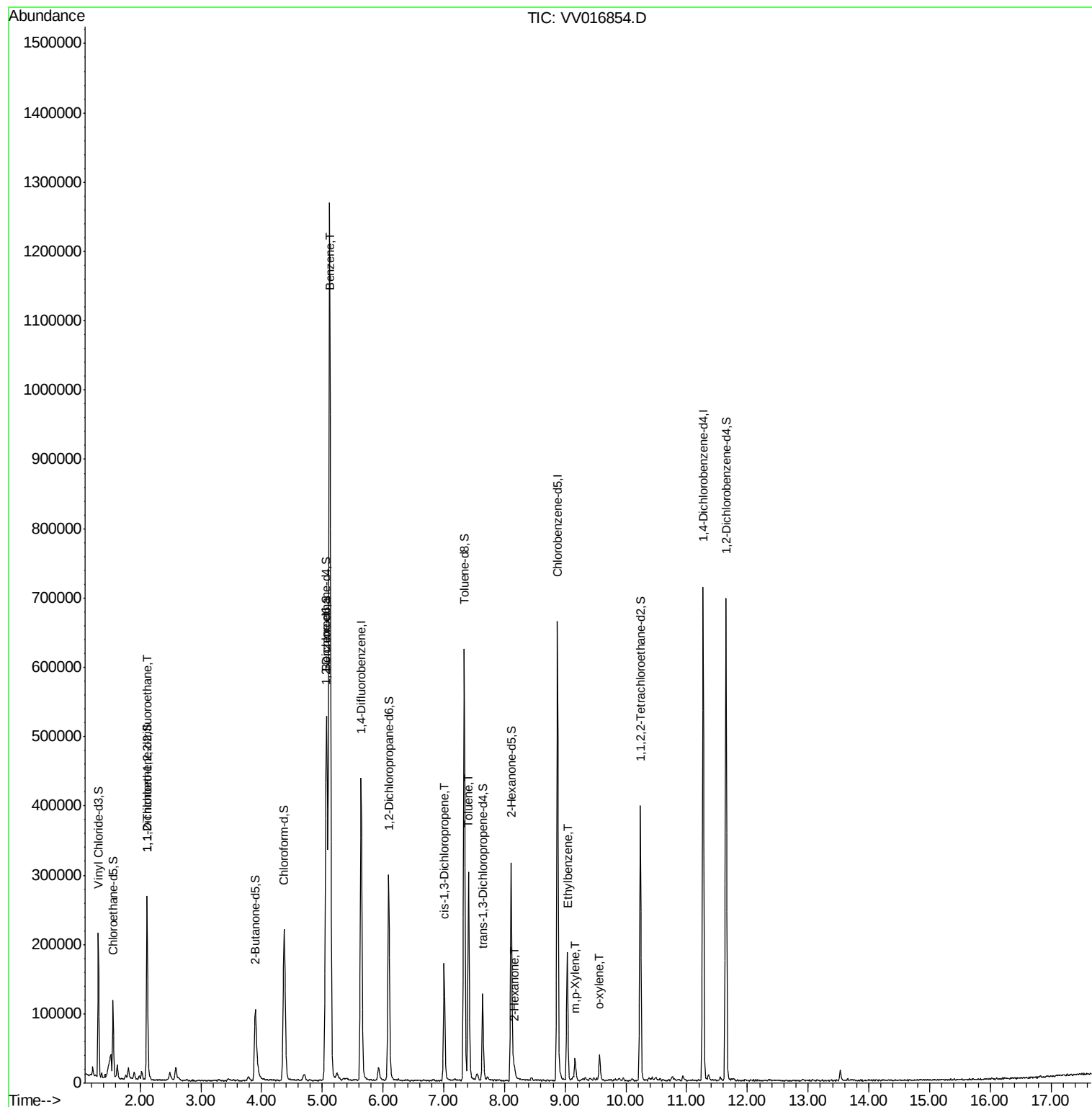
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1274	0.667 ug/L #	19
33) Benzene	5.12	78	1209118	120.469 ug/L	100
39) cis-1,3-Dichloropropene	7.01	75	4753	1.172 ug/L #	66
42) Toluene	7.41	91	203299	19.214 ug/L	100
48) 2-Hexanone	8.17	43	10905	3.803 ug/L #	78
52) Ethylbenzene	9.03	91	123703	10.555 ug/L	98
53) m,p-Xylene	9.16	106	7819	1.792 ug/L	99
54) o-xylene	9.57	106	9544	2.218 ug/L	97

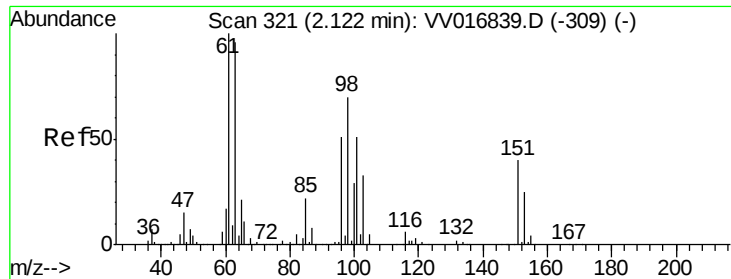
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 0.667 ug/L

RT: 2.12 min Scan# 319

Delta R.T. -0.01 min

Lab File: VV016854.D

Acq: 12 Jun 2020 02:21

Instrument :

MSVOA_V

ClientSampleId :

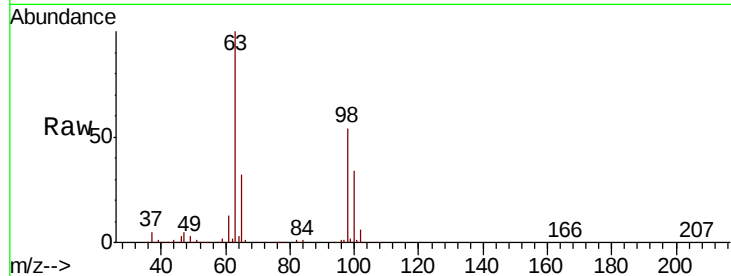
Tot Ion:101 Resp: 1274

Ion Ratio Lower Upper

101 100

85 3.5 35.5 53.3#

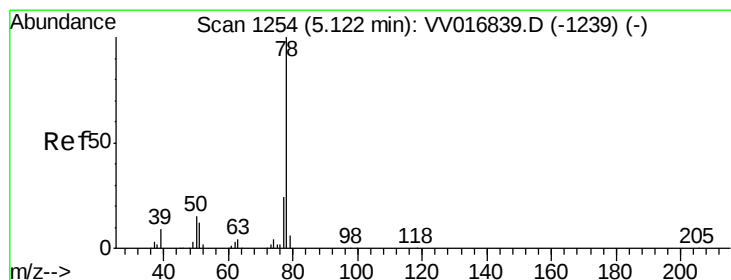
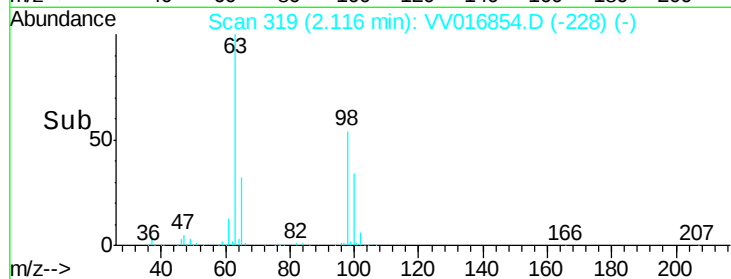
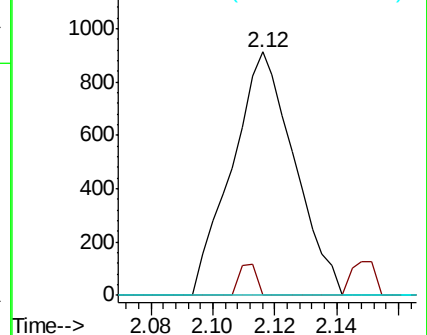
151 0.0 63.9 95.9#



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



#33

Benzene

Concen: 120.469 ug/L

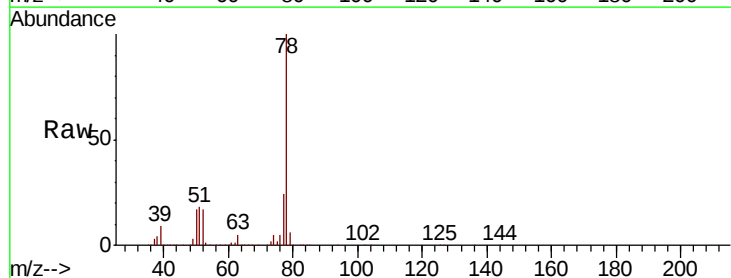
RT: 5.12 min Scan# 1254

Delta R.T. 0.00 min

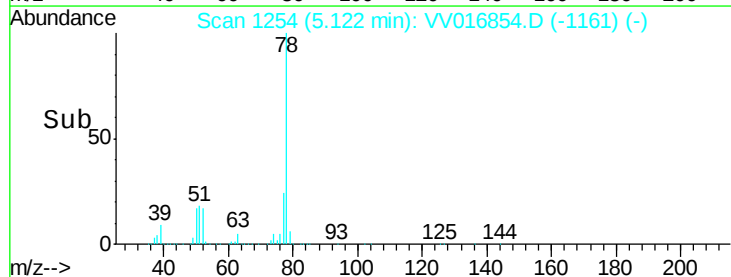
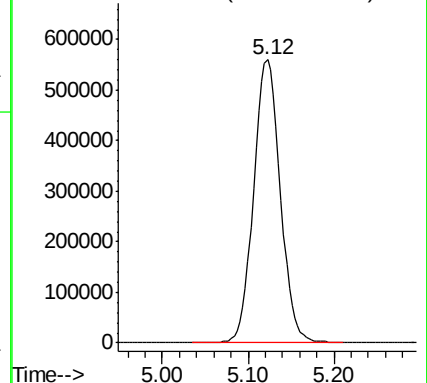
Lab File: VV016854.D

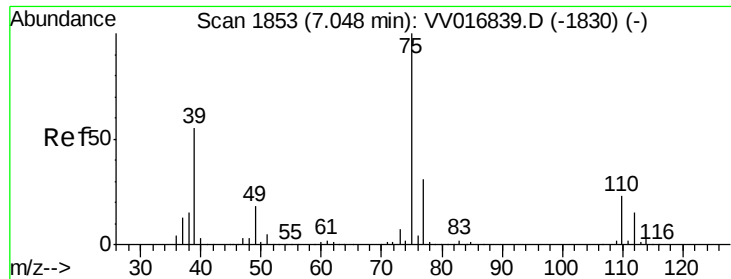
Acq: 12 Jun 2020 02:21

Tgt Ion: 78 Resp: 1209118



Abundance Ion 78.00 (77.70 to 78.70): VV0

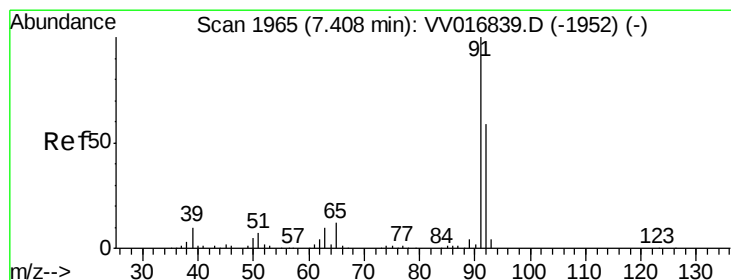
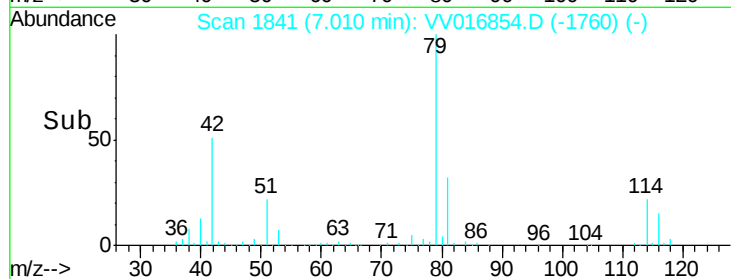
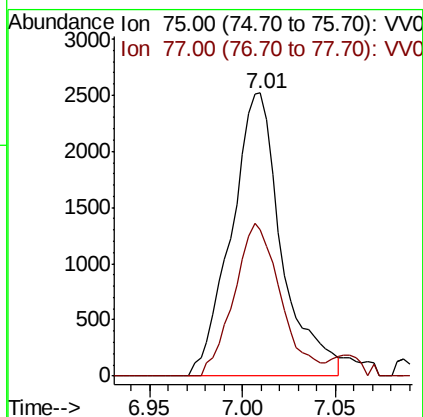
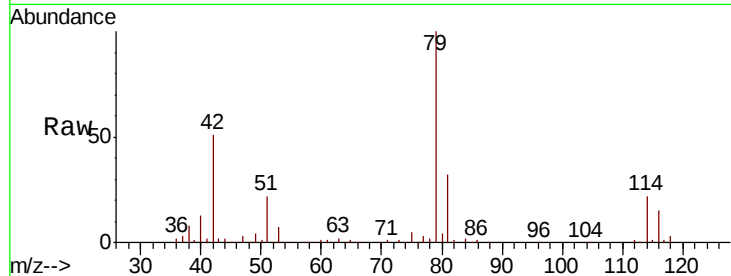




#39
 cis-1,3-Dichloropropene
 Concen: 1.172 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV016854.D
 Acq: 12 Jun 2020 02:21

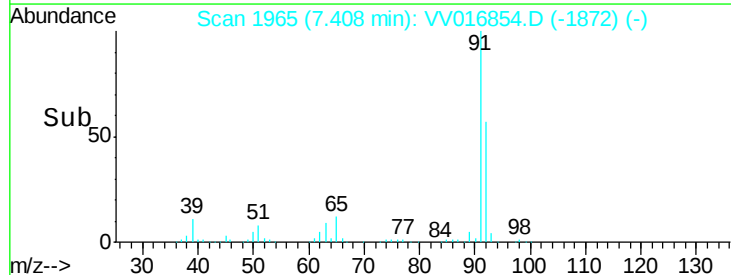
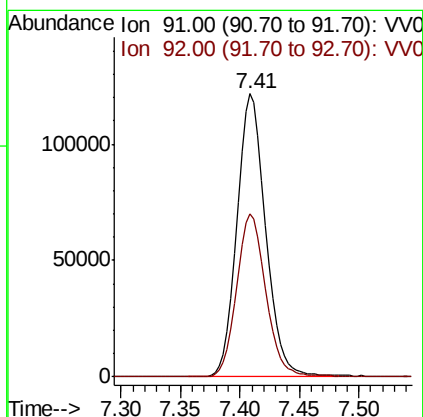
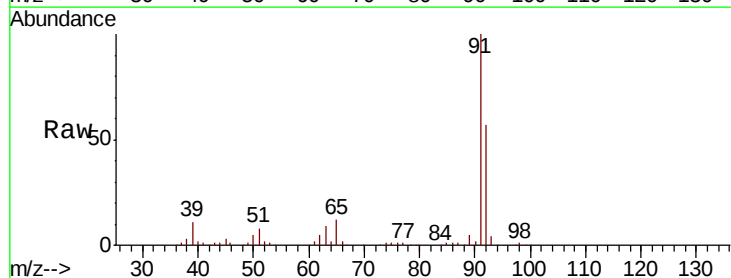
Instrument :
 MSVOA_V
 ClientSampleId :

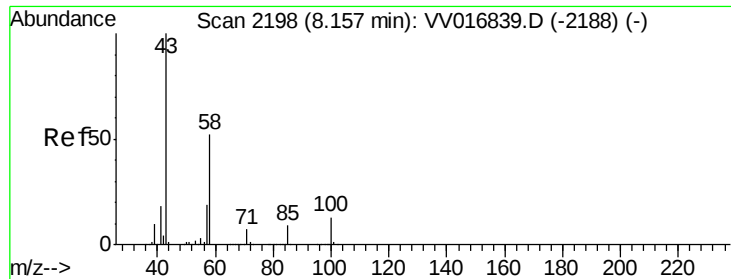
Tot Ion: 75 Resp: 4753
 Ion Ratio Lower Upper
 75 100
 77 51.6 22.7 42.1#



#42
 Toluene
 Concen: 19.214 ug/L
 RT: 7.41 min Scan# 1965
 Delta R.T. 0.00 min
 Lab File: VV016854.D
 Acq: 12 Jun 2020 02:21

Tgt Ion: 91 Resp: 203299
 Ion Ratio Lower Upper
 91 100
 92 57.4 40.4 75.0

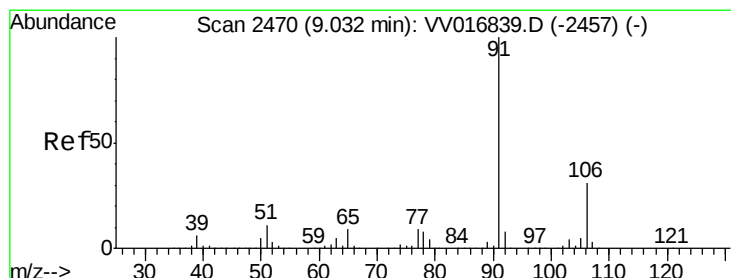
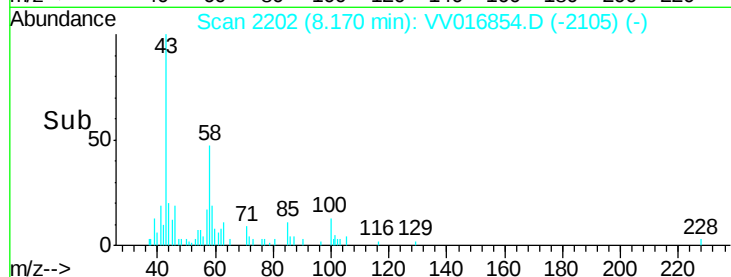
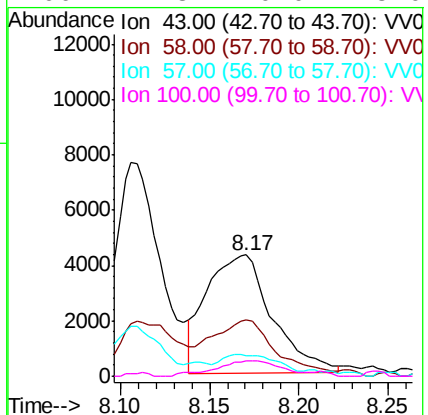
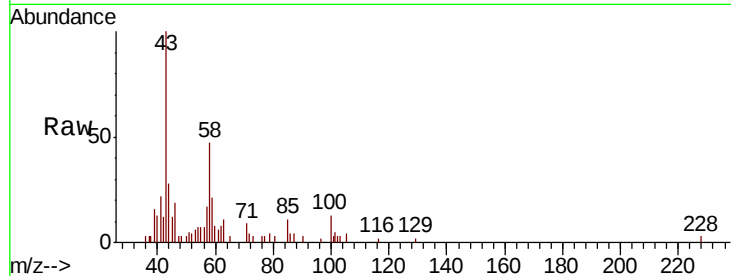




#48
2-Hexanone
Concen: 3.803 ug/L
RT: 8.17 min Scan# 2202
Delta R.T. 0.01 min
Lab File: VV016854.D
Acq: 12 Jun 2020 02:21

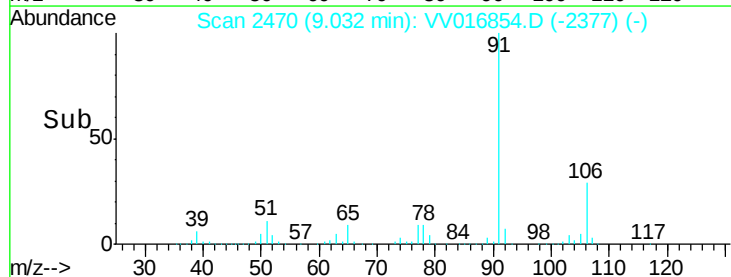
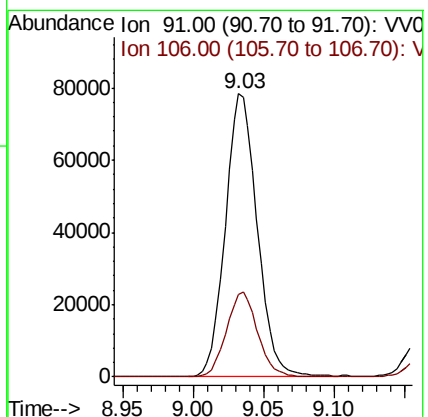
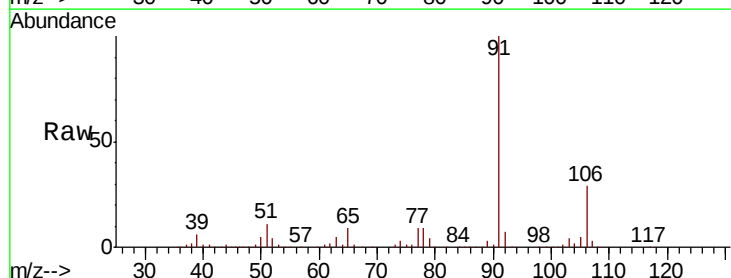
Instrument :
MSVOA_V
ClientSampled :

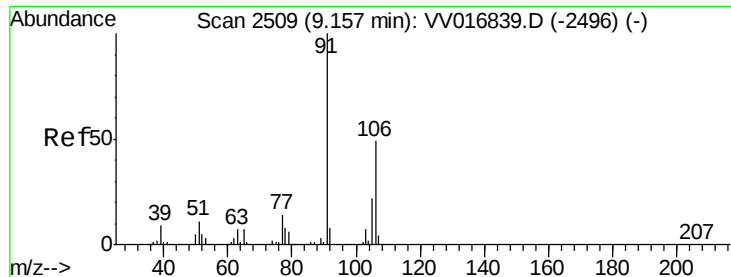
Tot Ion: 43 Resp: 10905
Ion Ratio Lower Upper
43 100
58 37.9 43.1 64.7#
57 3.4 15.3 22.9#
100 11.8 10.0 15.0



#52
Ethylbenzene
Concen: 10.555 ug/L
RT: 9.03 min Scan# 2470
Delta R.T. 0.00 min
Lab File: VV016854.D
Acq: 12 Jun 2020 02:21

Tgt Ion: 91 Resp: 123703
Ion Ratio Lower Upper
91 100
106 29.2 21.1 39.1





#53

m,p-Xylene

Concen: 1.792 ug/L

RT: 9.16 min Scan# 2510

Delta R.T. 0.00 min

Lab File: VV016854.D

Acq: 12 Jun 2020 02:21

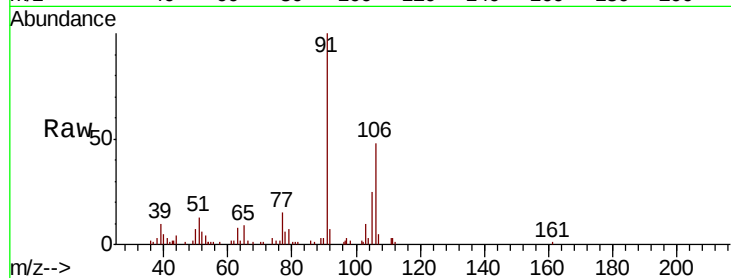
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:106 Resp: 7819

Ion Ratio Lower Upper

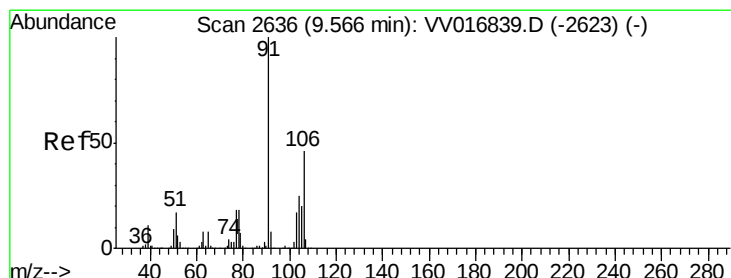
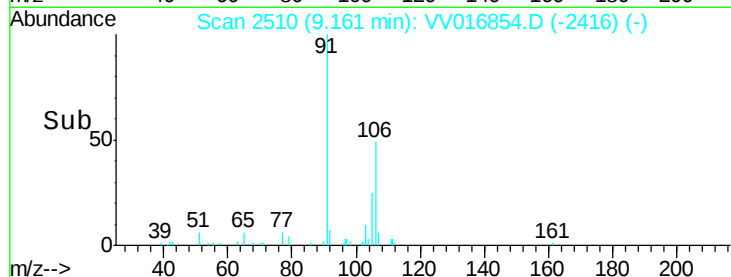
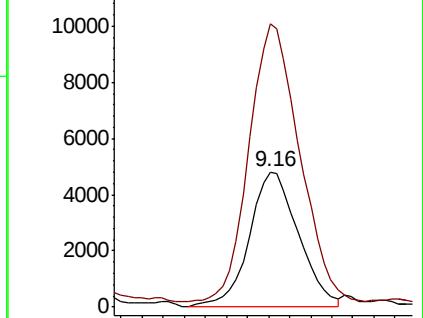
106 100

91 208.9 144.6 268.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0



#54

o-xylene

Concen: 2.218 ug/L

RT: 9.57 min Scan# 2636

Delta R.T. 0.00 min

Lab File: VV016854.D

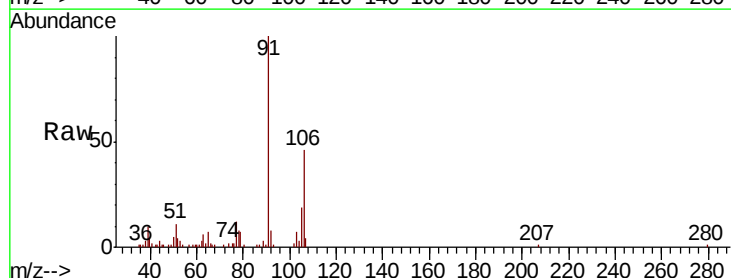
Acq: 12 Jun 2020 02:21

Tgt Ion:106 Resp: 9544

Ion Ratio Lower Upper

106 100

91 218.1 155.9 289.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0

