

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061220\
 Data File : VV016891.D
 Acq On : 12 Jun 2020 20:10
 Operator : SY/MD
 Sample : L2914-03 25X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9D96

Quant Time: Jun 13 03:10:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 13 03:02:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	370244	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	344845	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	162113	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	99463	38.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.14%
7) Chloroethane-d5	1.56	69	58163	37.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	74.20%
11) 1,1-Dichloroethene-d2	2.12	63	140954	32.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.26%
21) 2-Butanone-d5	3.90	46	176720	91.39	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.39%
24) Chloroform-d	4.37	84	229211	43.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.30%
26) 1,2-Dichloroethane-d4	5.05	65	172319	47.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.38%
32) Benzene-d6	5.07	84	446937	44.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.92%
36) 1,2-Dichloropropane-d6	6.09	67	137886	44.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.00%
41) Toluene-d8	7.34	98	403557	44.24	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.48%
43) trans-1,3-Dichloropropene-	7.64	79	71268	44.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.32%
47) 2-Hexanone-d5	8.11	63	103744	76.80	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	76.80%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	171474	41.80	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	83.60%
64) 1,2-Dichlorobenzene-d4	11.65	152	168294	48.65	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.30%

Target Compounds

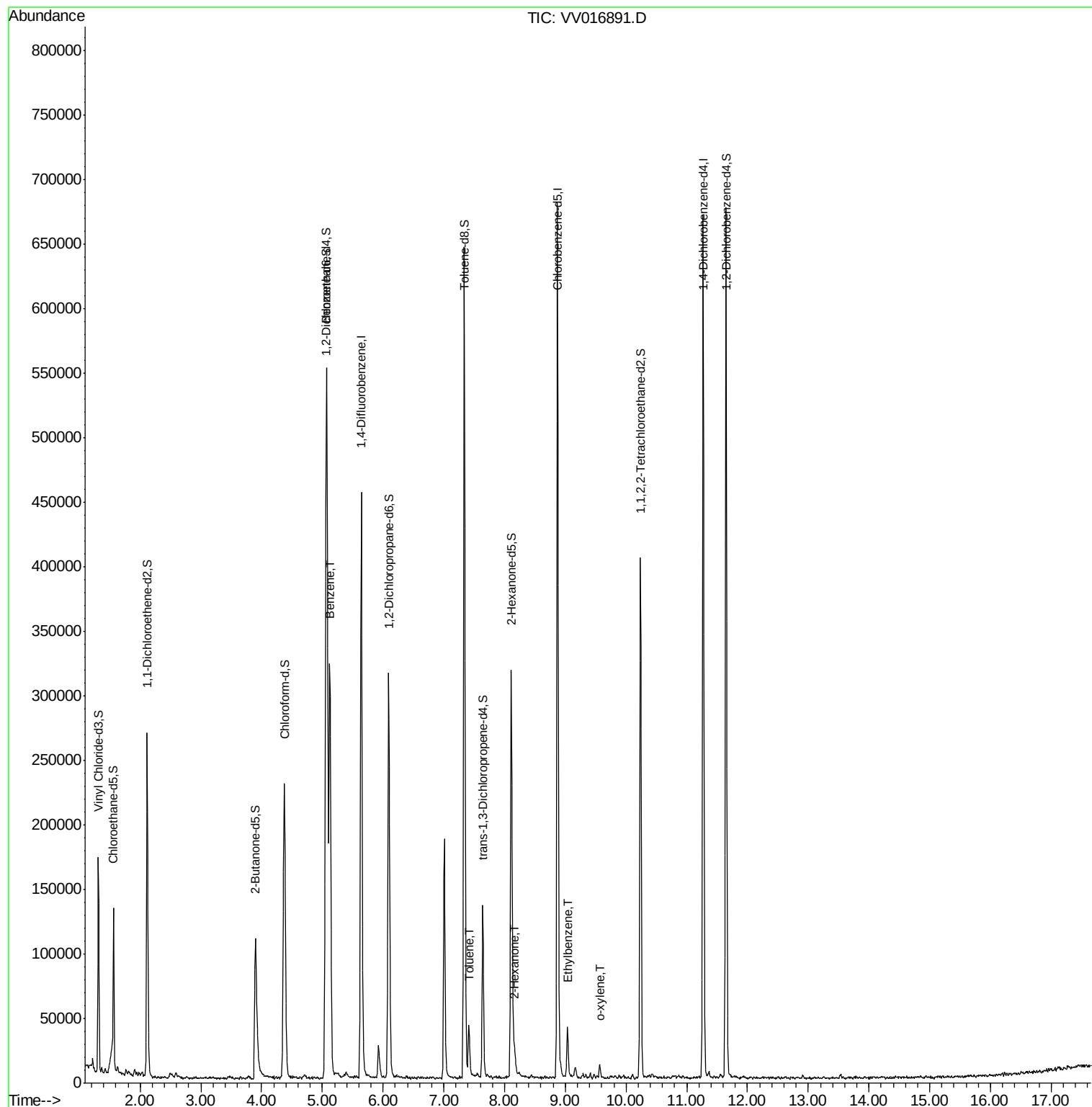
					Ovalue
33) Benzene	5.12	78	310198	30.403 ug/L	100
42) Toluene	7.41	91	26960	2.507 ug/L	98
48) 2-Hexanone	8.17	43	10274	3.524 ug/L #	86
52) Ethylbenzene	9.04	91	25035	2.101 ug/L	99
54) o-xylene	9.56	106	2834	0.648 ug/L	86

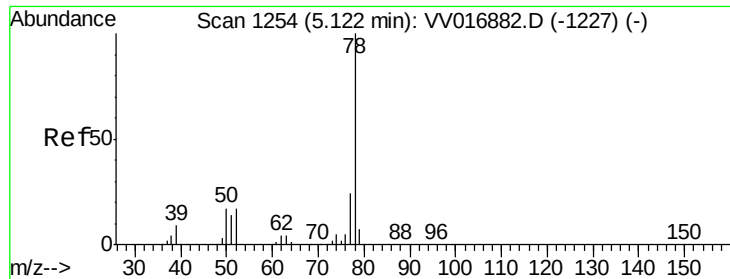
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#33

Benzene

Concen: 30.403 ug/L

RT: 5.12 min Scan# 1254

Delta R.T. 0.00 min

Lab File: VV016891.D

Acq: 12 Jun 2020 20:10

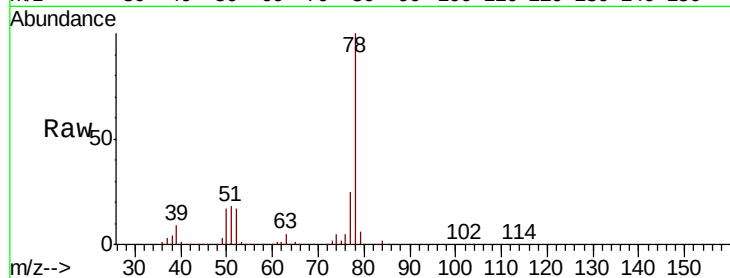
Instrument :

MSVOA_V

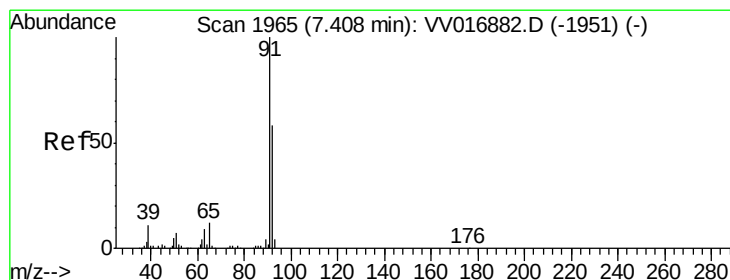
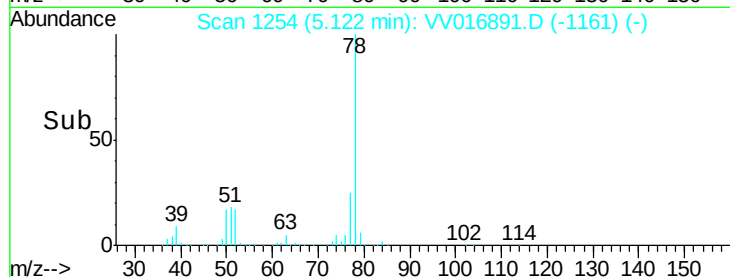
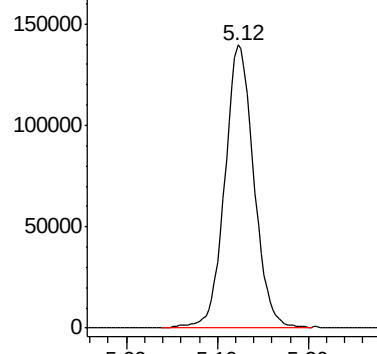
ClientSampleId :

F9D96

Tgt Ion: 78 Resp: 310198



Abundance Ion 78.00 (77.70 to 78.70): VV0



#42

Toluene

Concen: 2.507 ug/L

RT: 7.41 min Scan# 1966

Delta R.T. 0.00 min

Lab File: VV016891.D

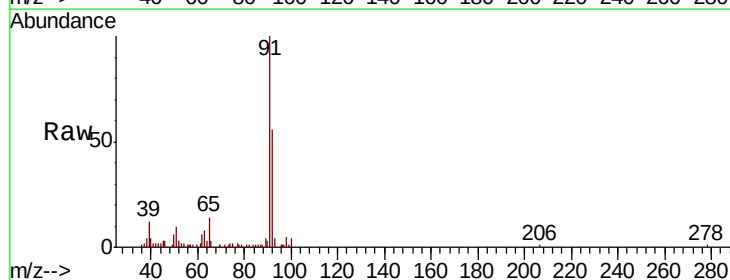
Acq: 12 Jun 2020 20:10

Tgt Ion: 91 Resp: 26960

Ion Ratio Lower Upper

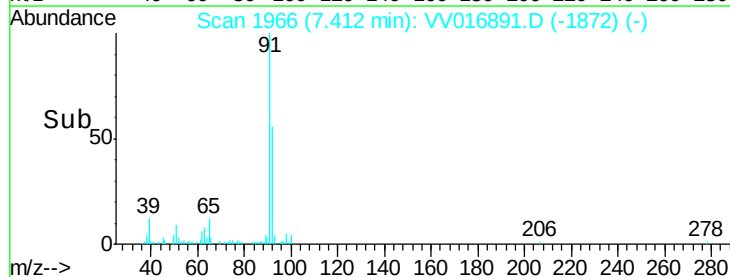
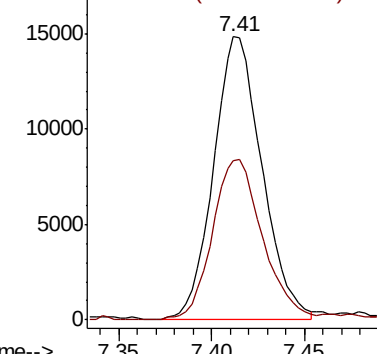
91 100

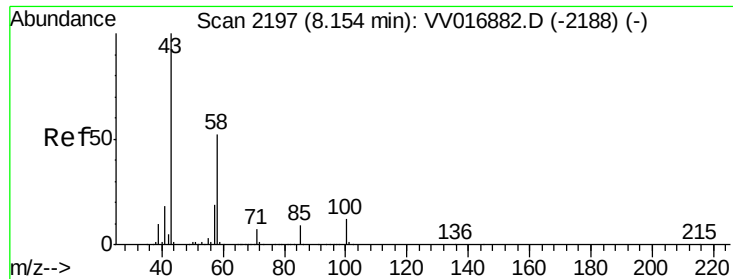
92 56.4 40.4 75.0



Abundance Ion 91.00 (90.70 to 91.70): VV0

Ion 92.00 (91.70 to 92.70): VV0

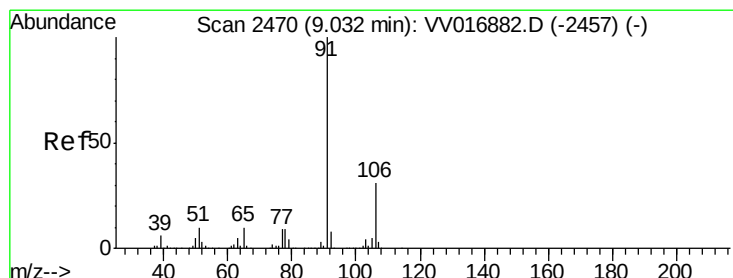
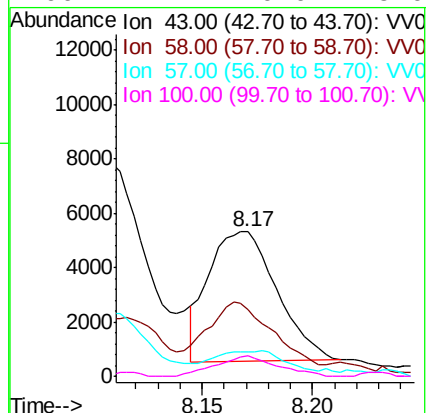
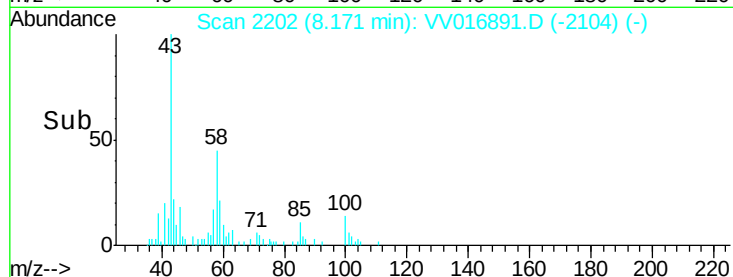
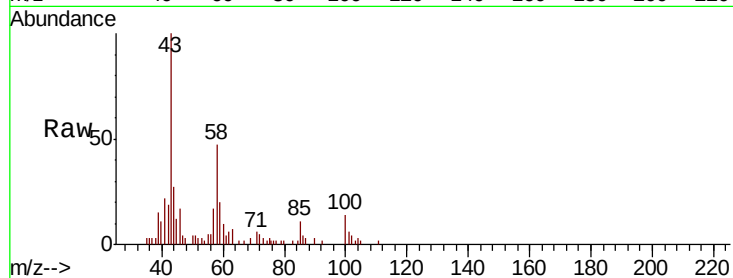




#48
2-Hexanone
Concen: 3.524 ug/L
RT: 8.17 min Scan# 2202
Delta R.T. 0.02 min
Lab File: VV016891.D
Acq: 12 Jun 2020 20:10

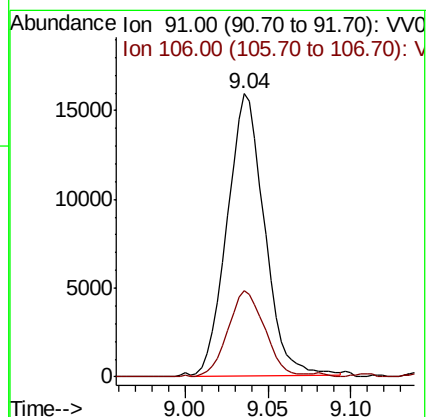
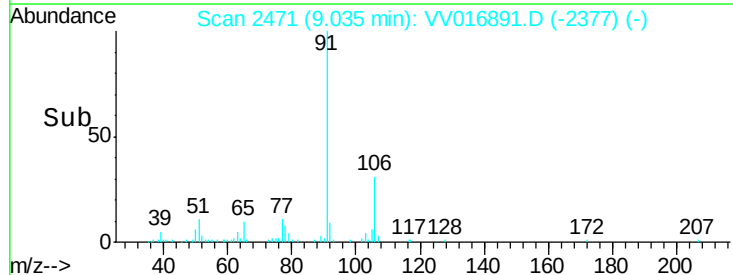
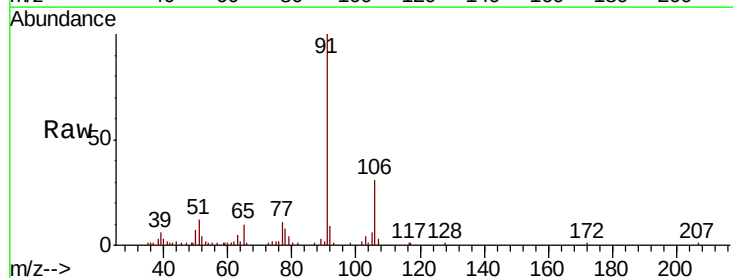
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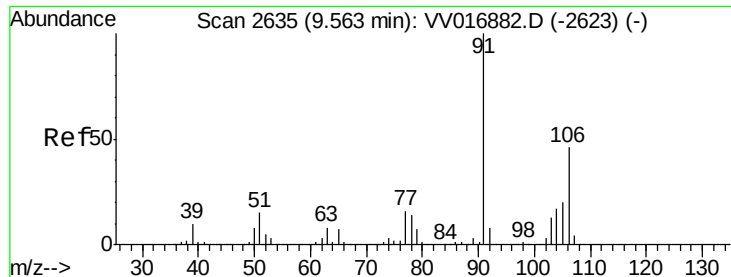
Tot Ion: 43 Resp: 10274
Ion Ratio Lower Upper
43 100
58 61.1 43.1 64.7
57 4.5 15.3 22.9#
100 14.2 10.0 15.0



#52
Ethylbenzene
Concen: 2.101 ug/L
RT: 9.04 min Scan# 2471
Delta R.T. 0.00 min
Lab File: VV016891.D
Acq: 12 Jun 2020 20:10

Tgt Ion: 91 Resp: 25035
Ion Ratio Lower Upper
91 100
106 30.6 21.1 39.1





#54
 o-xylene
 Concen: 0.648 ug/L
 RT: 9.56 min Scan# 2635
 Delta R.T. 0.00 min
 Lab File: VV016891.D
 Acq: 12 Jun 2020 20:10

Instrument :
 MSVOA_V
 ClientSampleId :
 F9D96

Tot Ion:106 Resp: 2834
 Ion Ratio Lower Upper
 106 100
 91 199.7 155.9 289.5

