

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061120\
 Data File : VV016835.D
 Acq On : 11 Jun 2020 18:28
 Operator : SY/MD
 Sample : L2914-05DL 25X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9E00DL

Quant Time: Jun 12 05:30:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 12 01:27:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	351242	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	331119	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	168268	50.00	ug/L	0.00

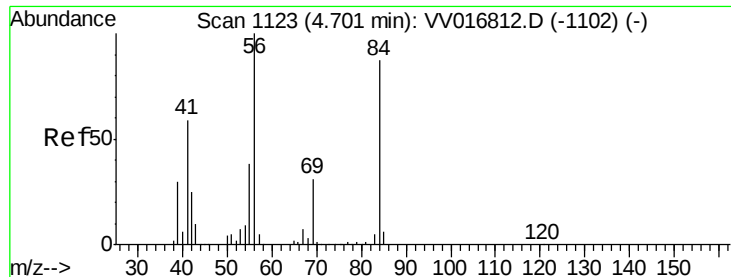
System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	84484	34.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	68.18%
7) Chloroethane-d5	1.55	69	62430	41.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.96%
11) 1,1-Dichloroethene-d2	2.11	63	120172	28.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	57.74%#
21) 2-Butanone-d5	3.89	46	160772	87.64	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.64%
24) Chloroform-d	4.37	84	207200	41.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.22%
26) 1,2-Dichloroethane-d4	5.05	65	150929	44.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.06%
32) Benzene-d6	5.07	84	386437	40.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.98%
36) 1,2-Dichloropropane-d6	6.09	67	123445	41.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	82.98%
41) Toluene-d8	7.34	98	349680	39.92	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.84%#
43) trans-1,3-Dichloropropene-	7.64	79	59787	38.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.16%
47) 2-Hexanone-d5	8.11	63	96429	74.34	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	74.34%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	169517	43.04	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.08%
64) 1,2-Dichlorobenzene-d4	11.65	152	161592	45.00	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.00%

Target Compounds

					Ovalue
29) Cyclohexane	4.71	56	8754	2.128	ug/L 96
33) Benzene	5.12	78	1223557	124.893	ug/L 100
42) Toluene	7.41	91	25868	2.505	ug/L 99
52) Ethylbenzene	9.04	91	18292	1.599	ug/L 93
53) m,p-Xylene	9.16	106	18554	4.356	ug/L 90
54) o-xylene	9.57	106	6352	1.512	ug/L 92

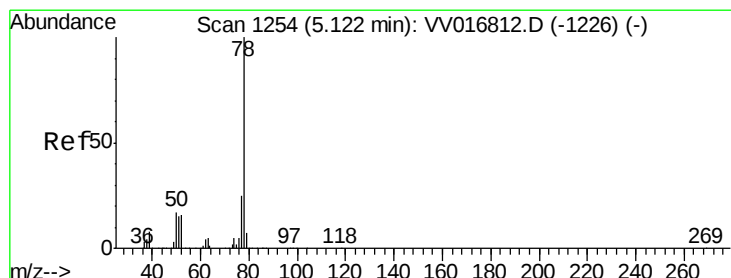
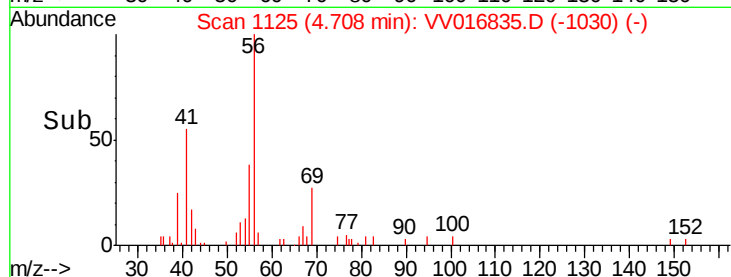
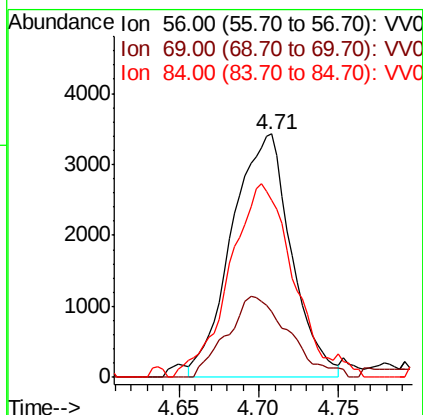
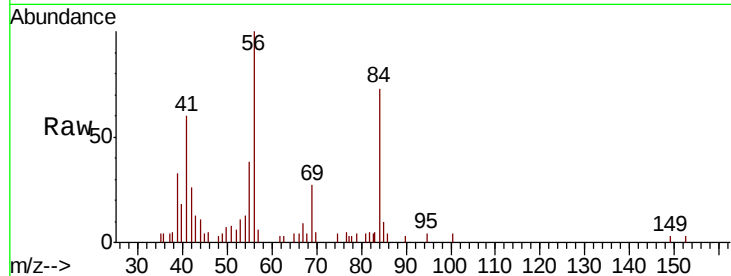
(#) = qualifier out of range (m) = manual integration (+) = signals summed



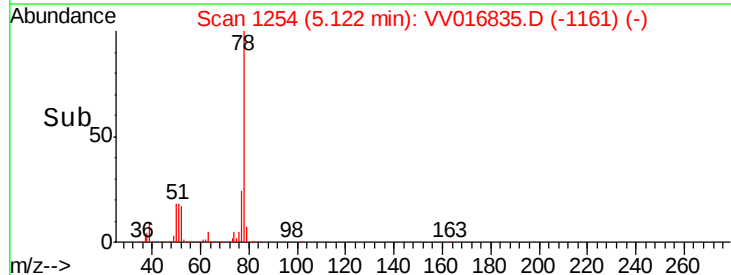
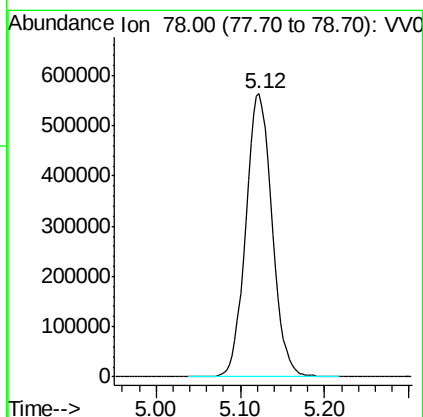
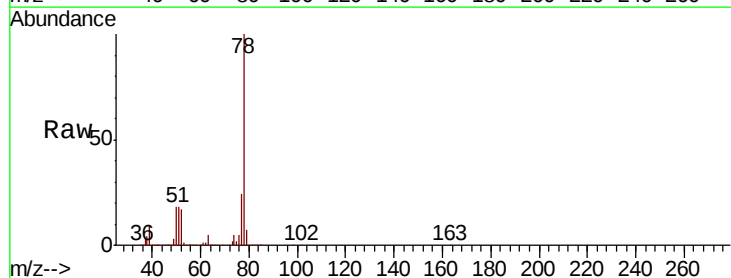
#29
Cyclohexane
Concen: 2.128 ug/L
RT: 4.71 min Scan# 1125
Delta R.T. 0.01 min
Lab File: VV016835.D
Acq: 11 Jun 2020 18:28

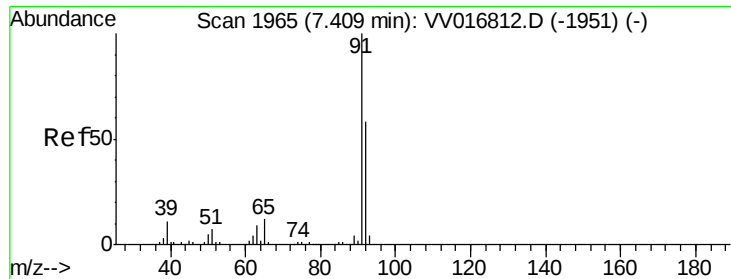
Instrument :
MSVOA_V
ClientSampleId :
F9E00DL

Tot Ion: 56 Resp: 8754
Ion Ratio Lower Upper
56 100
69 34.1 25.0 37.4
84 83.8 69.5 104.3



#33
Benzene
Concen: 124.893 ug/L
RT: 5.12 min Scan# 1254
Delta R.T. -0.00 min
Lab File: VV016835.D
Acq: 11 Jun 2020 18:28
Tgt Ion: 78 Resp: 1223557





#42

Toluene

Concen: 2.505 ug/L

RT: 7.41 min Scan# 1966

Delta R.T. 0.00 min

Lab File: VV016835.D

Acq: 11 Jun 2020 18:28

Instrument :

MSVOA_V

ClientSampleId :

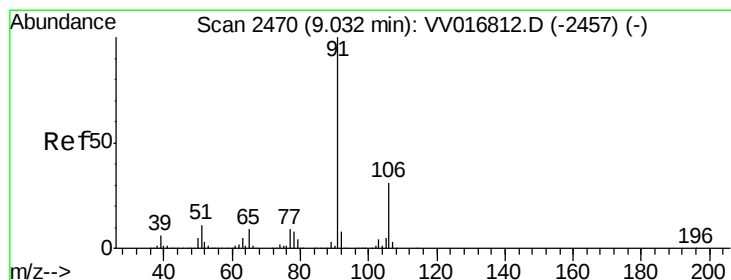
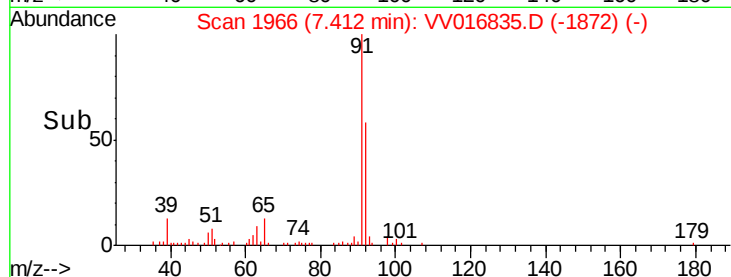
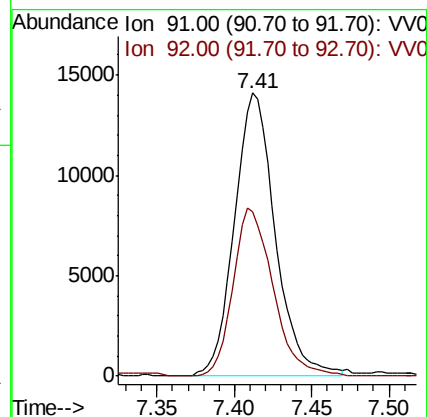
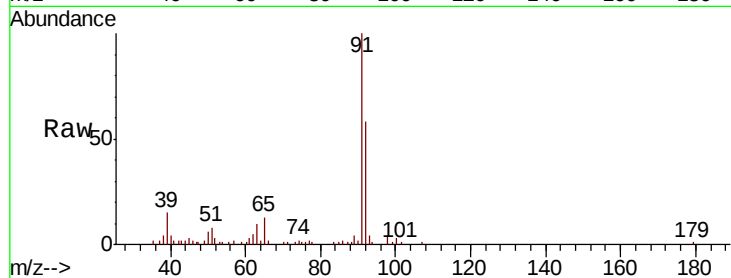
F9E00DL

Tot Ion: 91 Resp: 25868

Ion Ratio Lower Upper

91 100

92 58.2 40.4 75.0



#52

Ethylbenzene

Concen: 1.599 ug/L

RT: 9.04 min Scan# 2471

Delta R.T. 0.00 min

Lab File: VV016835.D

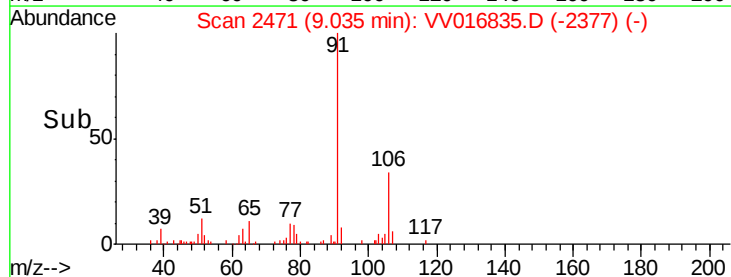
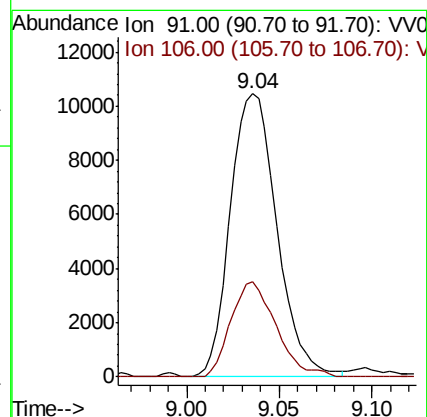
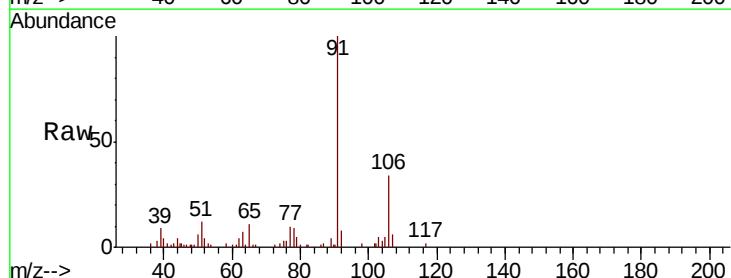
Acq: 11 Jun 2020 18:28

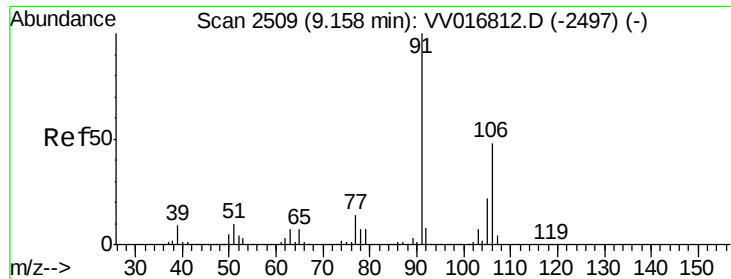
Tgt Ion: 91 Resp: 18292

Ion Ratio Lower Upper

91 100

106 33.6 21.1 39.1





#53

m,p-Xylene

Concen: 4.356 ug/L

RT: 9.16 min Scan# 2510

Delta R.T. 0.00 min

Lab File: VV016835.D

Acq: 11 Jun 2020 18:28

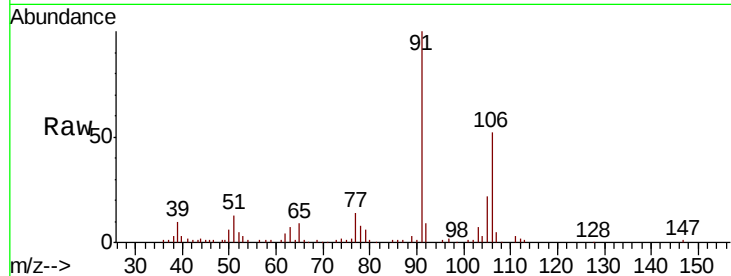
Instrument :
MSVOA_V
ClientSampleId :
F9E00DL

Tot Ion:106 Resp: 18554

Ion Ratio Lower Upper

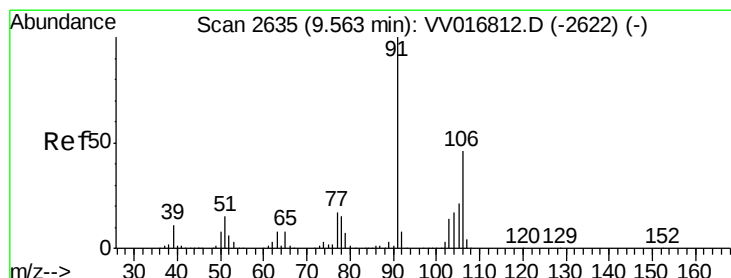
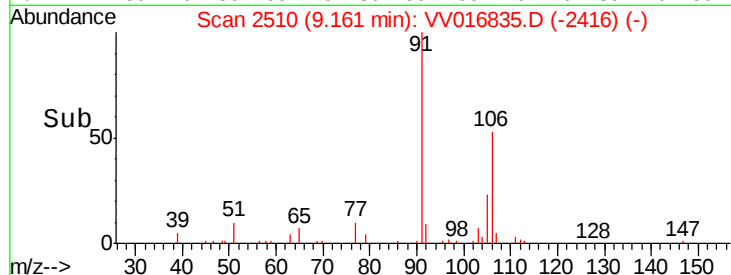
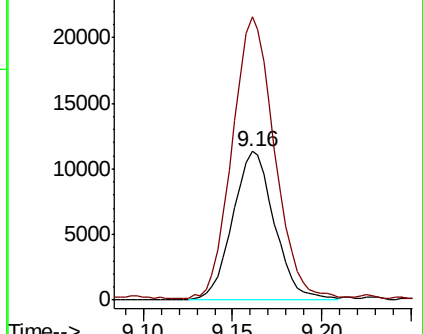
106 100

91 190.7 144.6 268.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0



#54

o-xylene

Concen: 1.512 ug/L

RT: 9.57 min Scan# 2636

Delta R.T. 0.00 min

Lab File: VV016835.D

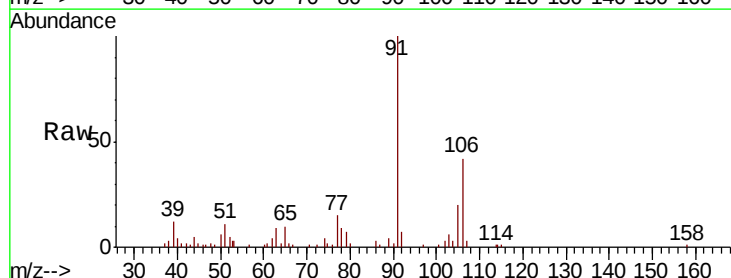
Acq: 11 Jun 2020 18:28

Tgt Ion:106 Resp: 6352

Ion Ratio Lower Upper

106 100

91 235.3 155.9 289.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0

