

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061520\
 Data File : VV016940.D
 Acq On : 15 Jun 2020 17:27
 Operator : SY/MD
 Sample : L2990-12DL 500X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E3YG8DL

Quant Time: Jun 16 08:12:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 16 05:46:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	338297	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	326626	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	167578	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	91809	38.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.92%
7) Chloroethane-d5	1.56	69	68244	47.64	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.28%
11) 1,1-Dichloroethene-d2	2.12	63	131594	32.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.66%
21) 2-Butanone-d5	3.89	46	160357	90.76	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.76%
24) Chloroform-d	4.37	84	216142	44.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.06%
26) 1,2-Dichloroethane-d4	5.05	65	158760	48.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.18%
32) Benzene-d6	5.07	84	425399	45.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.36%
36) 1,2-Dichloropropane-d6	6.09	67	132080	45.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.00%
41) Toluene-d8	7.34	98	400933	46.40	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.80%
43) trans-1,3-Dichloropropene-	7.64	79	66811	43.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.42%
47) 2-Hexanone-d5	8.11	63	97426	76.14	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	76.14%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	166744	42.92	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.84%
64) 1,2-Dichlorobenzene-d4	11.65	152	173779	48.59	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.18%

Target Compounds

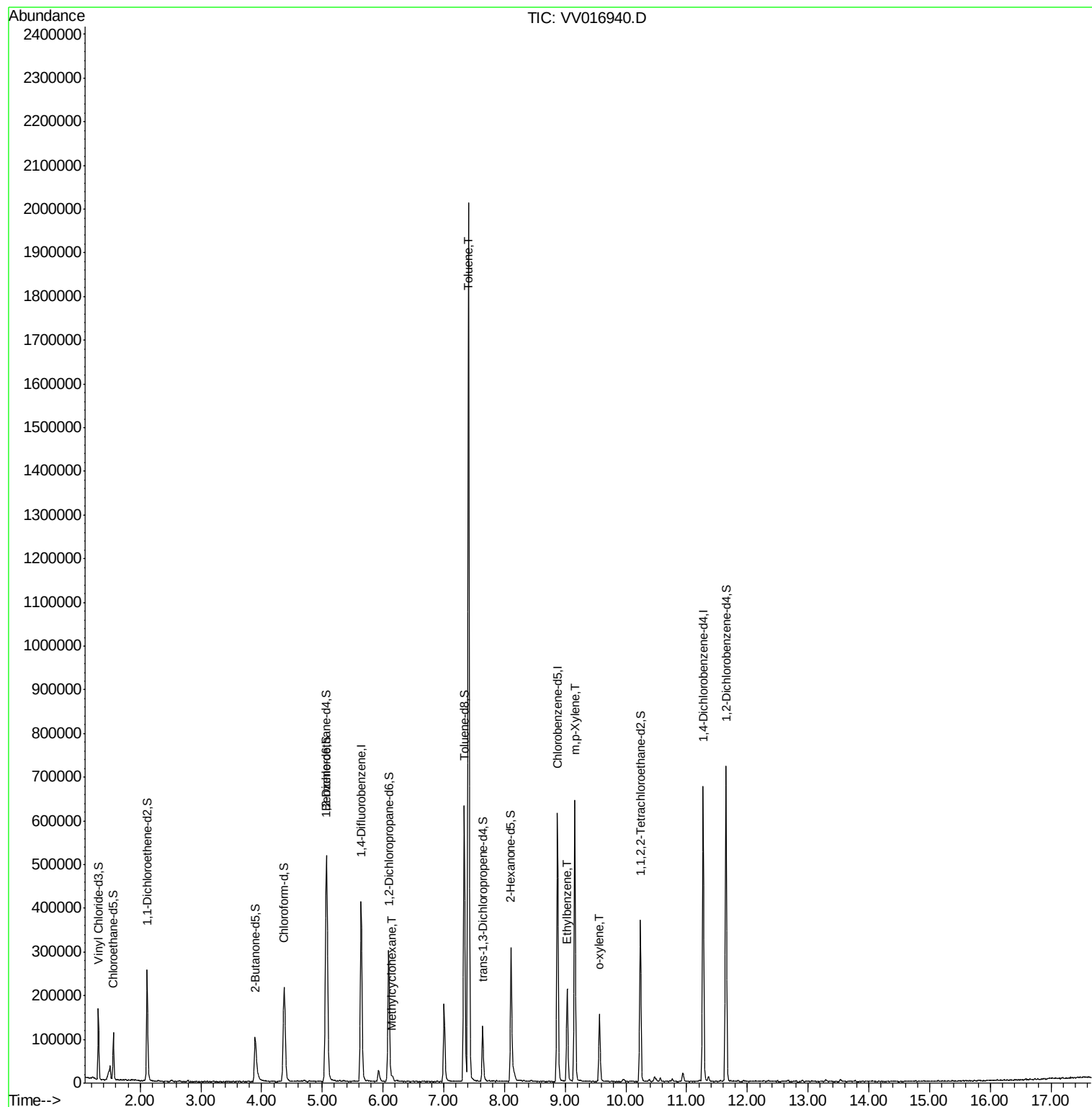
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
35) Methylcyclohexane	6.16	83	4659	1.146	ug/L	88
42) Toluene	7.41	91	1384688	135.919	ug/L	99
52) Ethylbenzene	9.03	91	143343	12.703	ug/L	99
53) m,p-Xylene	9.16	106	168194	40.033	ug/L	94
54) o-xylene	9.57	106	40687	9.819	ug/L	97

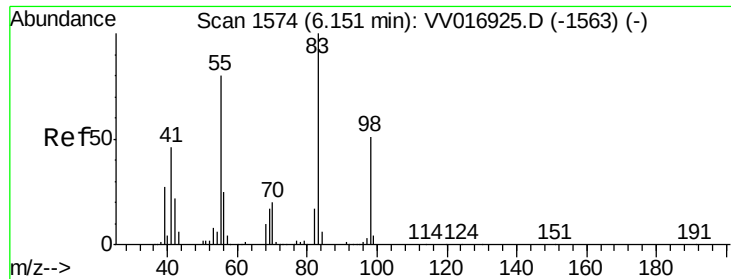
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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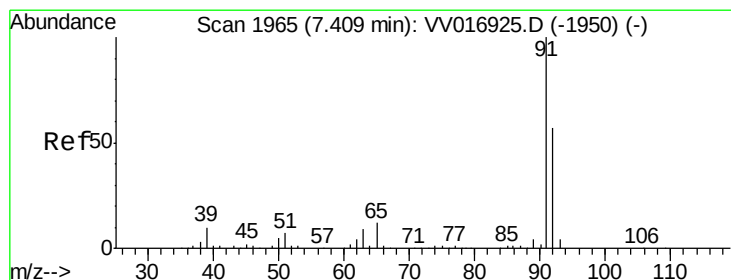
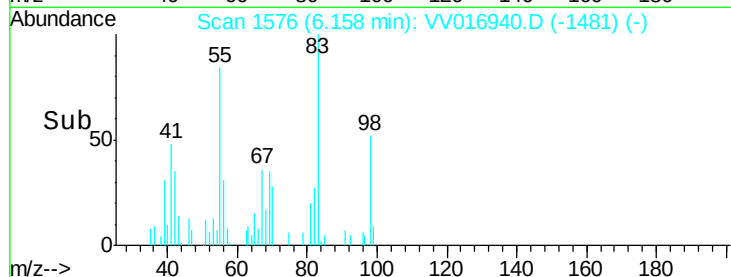
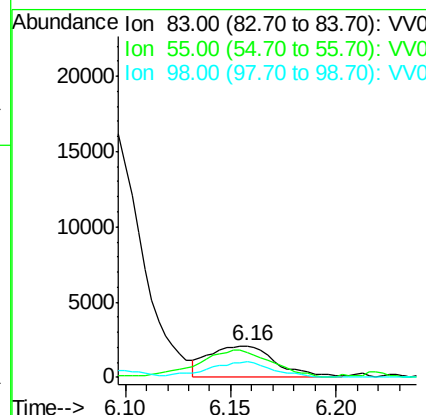
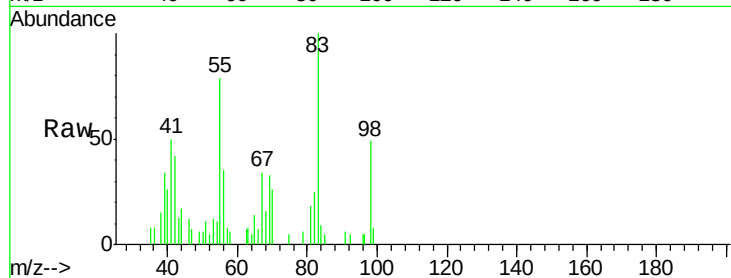




#35
Methylvlcyclohexane
Concen: 1.146 ug/L
RT: 6.16 min Scan# 1576
Delta R.T. 0.01 min
Lab File: VV016940.D
Acq: 15 Jun 2020 17:27

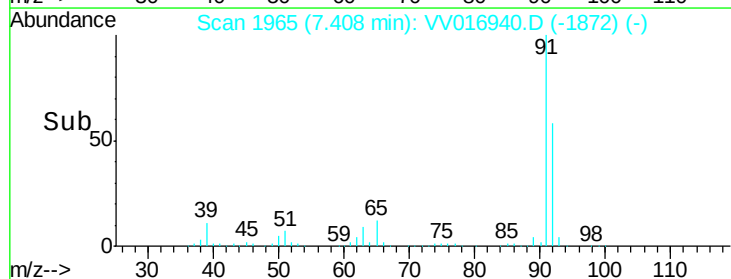
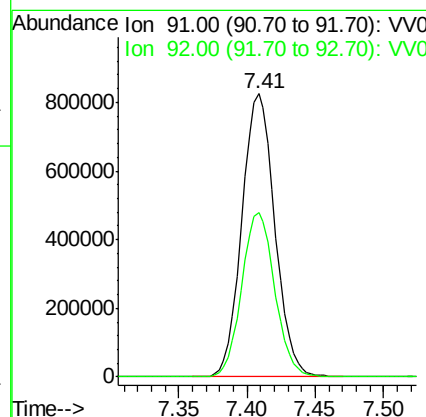
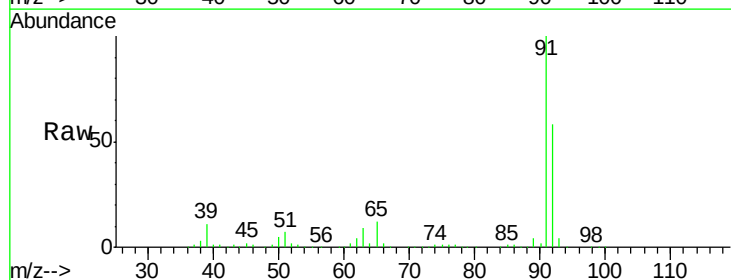
Instrument :
MSVOA_V
ClientSampleId :
E3YG8DL

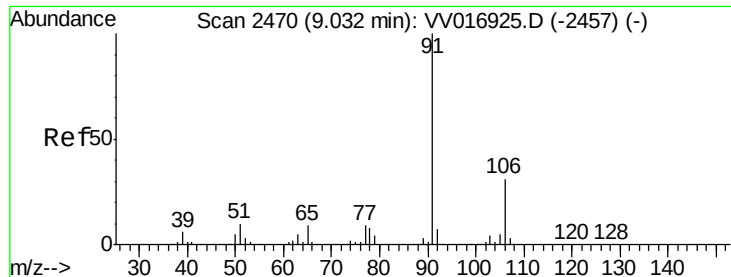
Tot Ion: 83 Resp: 4659
Ion Ratio Lower Upper
83 100
55 94.3 64.2 96.2
98 46.5 40.3 60.5



#42
Toluene
Concen: 135.919 ug/L
RT: 7.41 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VV016940.D
Acq: 15 Jun 2020 17:27

Tgt Ion: 91 Resp: 1384688
Ion Ratio Lower Upper
91 100
92 58.1 40.4 75.0





#52

Ethylbenzene

Concen: 12.703 ug/L

RT: 9.03 min Scan# 2470

Delta R.T. -0.00 min

Lab File: VV016940.D

Acq: 15 Jun 2020 17:27

Instrument :

MSVOA_V

ClientSampleId :

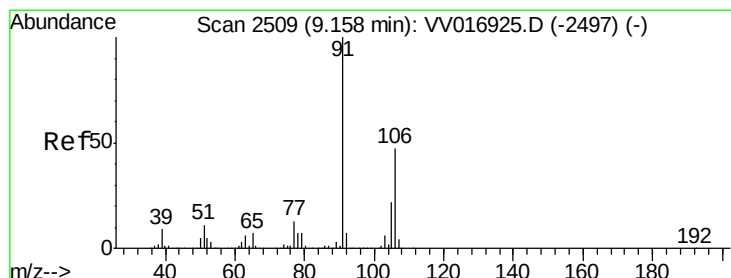
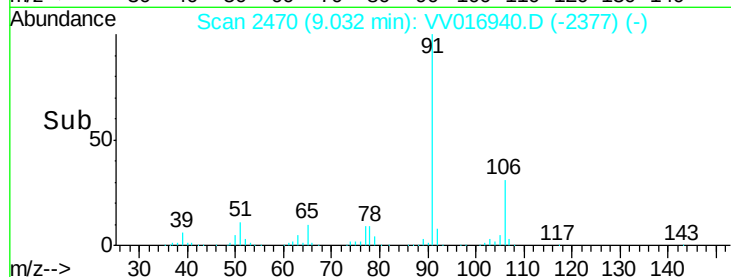
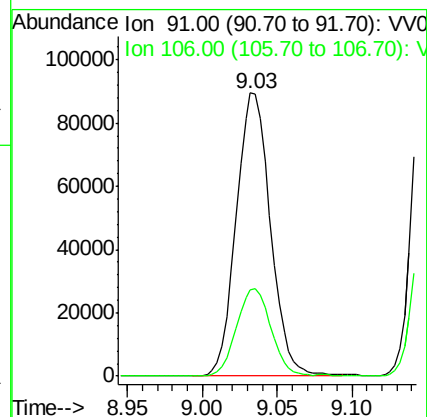
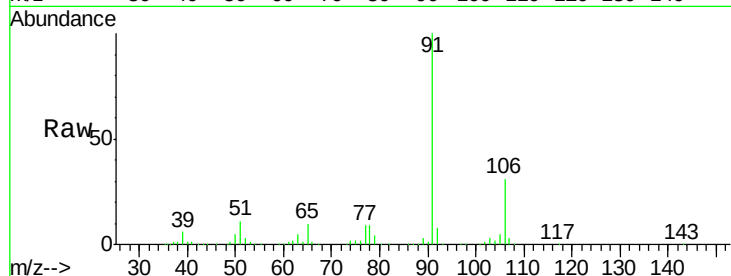
E3YG8DL

Tot Ion: 91 Resp: 143343

Ion Ratio Lower Upper

91 100

106 30.5 21.1 39.1



#53

m,p-Xylene

Concen: 40.033 ug/L

RT: 9.16 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VV016940.D

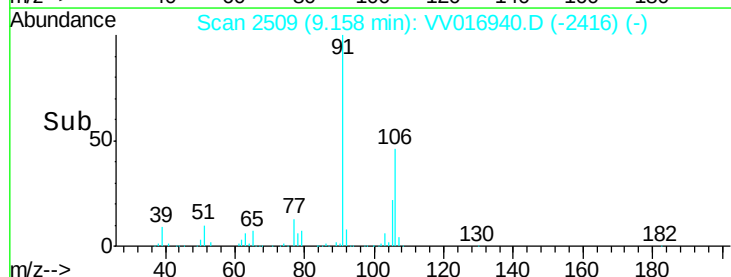
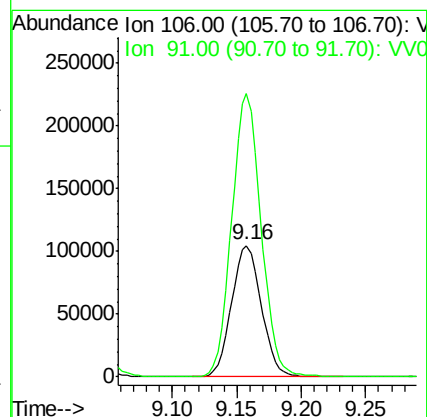
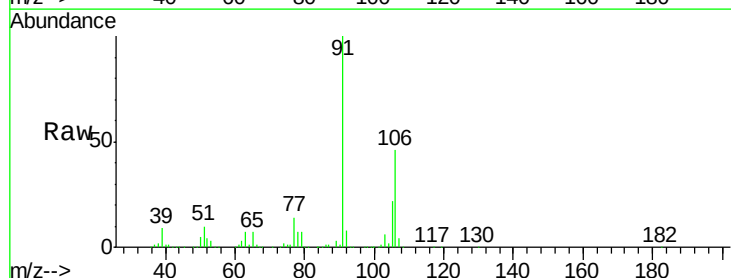
Acq: 15 Jun 2020 17:27

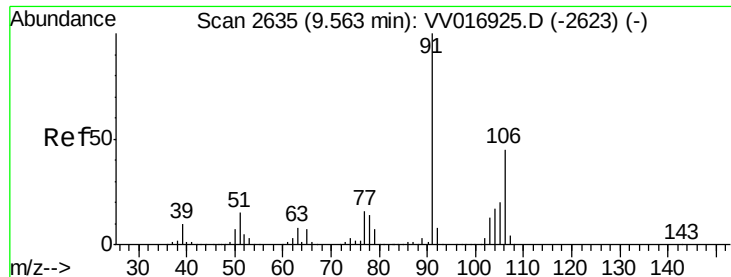
Tgt Ion: 106 Resp: 168194

Ion Ratio Lower Upper

106 100

91 215.2 144.6 268.6





#54
 o-xylene
 Concen: 9.819 ug/L
 RT: 9.57 min Scan# 2636
 Delta R.T. 0.00 min
 Lab File: VV016940.D
 Acq: 15 Jun 2020 17:27

Instrument :
 MSVOA_V
 ClientSampleId :
 E3YG8DL

Tot Ion:106 Resp: 40687
 Ion Ratio Lower Upper
 106 100
 91 227.8 155.9 289.5

