

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV061120\
 Data File : VV016855.D
 Acq On : 12 Jun 2020 02:45
 Operator : SY/MD
 Sample : L2915-18DL 200X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9E64DL

Quant Time: Jun 12 07:40:18 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	343990	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	319501	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	152927	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	103563	42.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.34%
7) Chloroethane-d5	1.56	69	63928	43.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.78%
11) 1,1-Dichloroethene-d2	2.12	63	137747	33.80	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.60%
21) 2-Butanone-d5	3.90	46	161166	89.71	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.71%
24) Chloroform-d	4.37	84	218344	44.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.48%
26) 1,2-Dichloroethane-d4	5.05	65	160255	47.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.48%
32) Benzene-d6	5.07	84	418992	45.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.98%
36) 1,2-Dichloropropane-d6	6.09	67	129596	45.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.28%
41) Toluene-d8	7.34	98	368465	43.60	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.20%
43) trans-1,3-Dichloropropene-	7.64	79	62058	41.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.00%
47) 2-Hexanone-d5	8.11	63	98059	78.34	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	78.34%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	164764	43.35	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.70%
64) 1,2-Dichlorobenzene-d4	11.65	152	155376	47.61	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.22%

Target Compounds

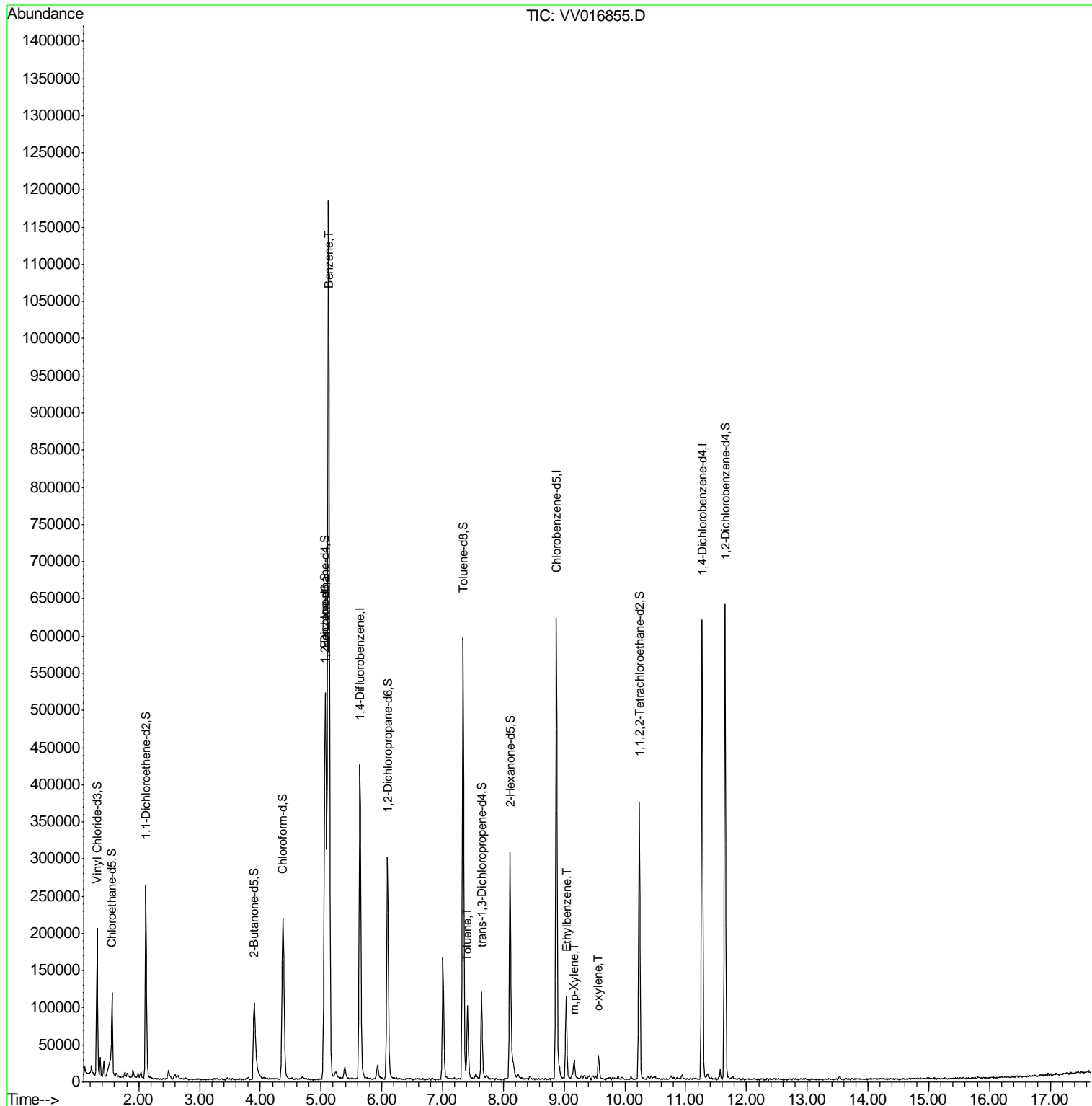
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
33) Benzene	5.12	78	1127979	119.324	ug/L	100
42) Toluene	7.41	91	68376	6.861	ug/L	99
52) Ethylbenzene	9.04	91	73145	6.627	ug/L	95
53) m,p-Xylene	9.16	106	6891	1.677	ug/L	93
54) o-xylene	9.57	106	8226	2.029	ug/L	97

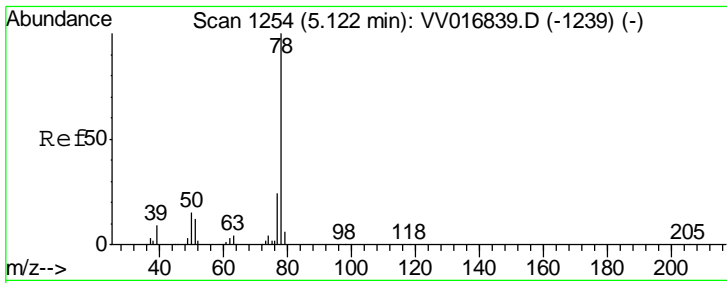
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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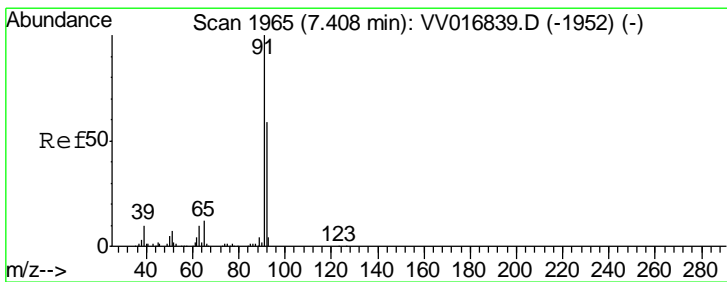
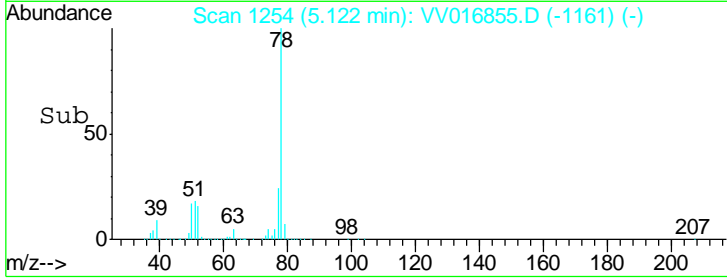
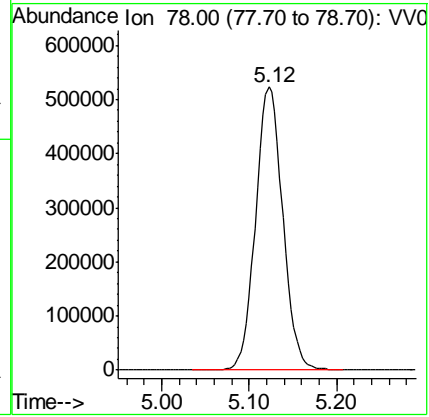
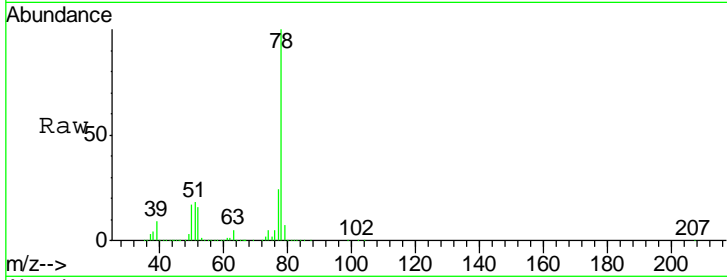
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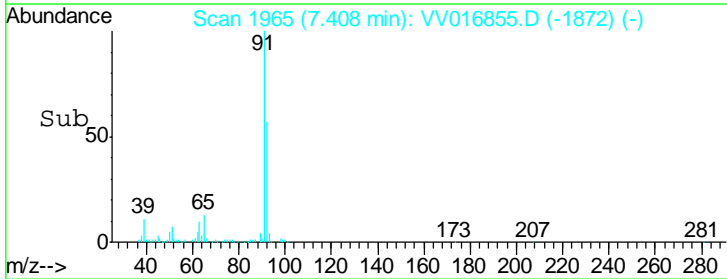
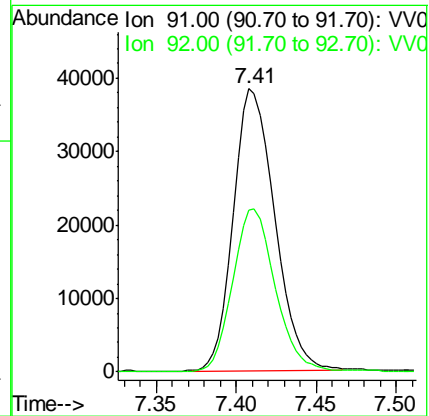
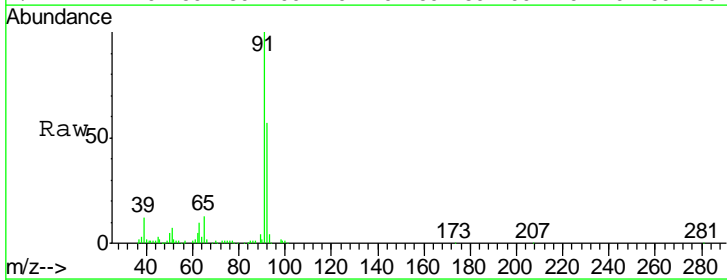


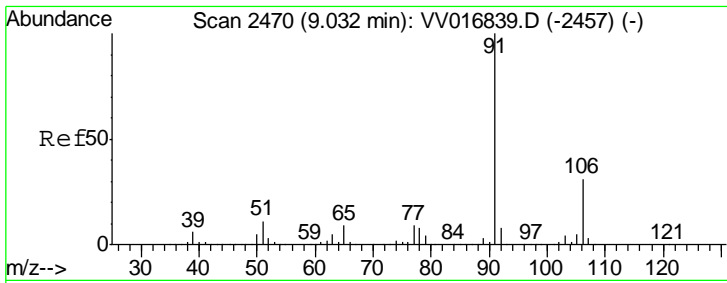
#33
Benzene
Concen: 119.324 ug/L
RT: 5.12 min Scan# 1254
Delta R.T. 0.00 min
Lab File: VV016855.D
Acq: 12 Jun 2020 02:45
Tgt Ion: 78 Resp: 1127979

Instrument : MSVOA_V
ClientSampled : F9E64DL



#42
Toluene
Concen: 6.861 ug/L
RT: 7.41 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VV016855.D
Acq: 12 Jun 2020 02:45
Tgt Ion: 91 Resp: 68376
Ion Ratio Lower Upper
91 100
92 57.1 40.4 75.0

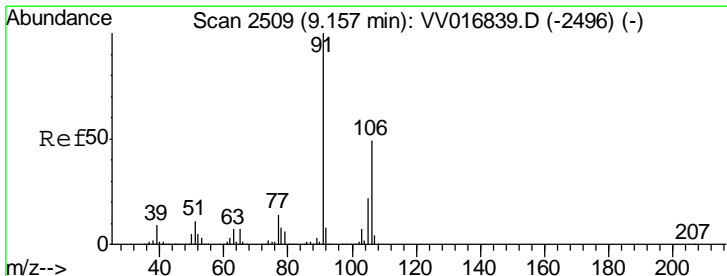
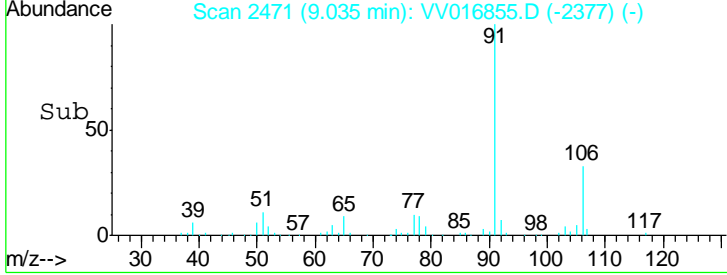
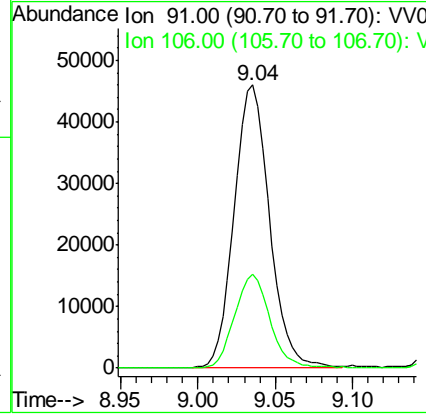
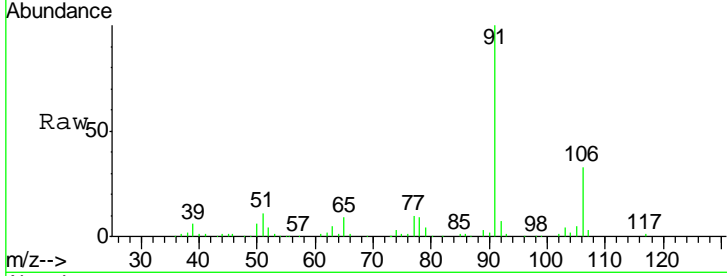




#52
 Ethylbenzene
 Concen: 6.627 ug/L
 RT: 9.04 min Scan# 2471
 Delta R.T. 0.00 min
 Lab File: VV016855.D
 Acq: 12 Jun 2020 02:45

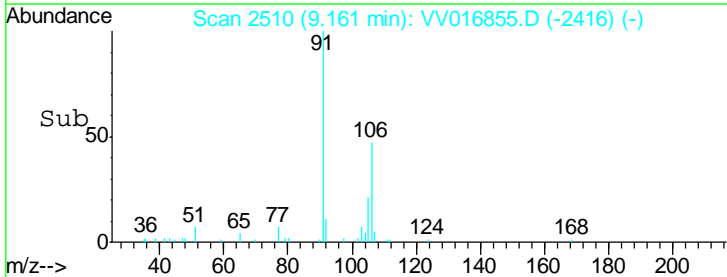
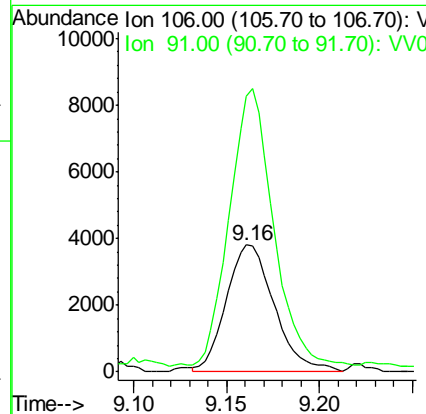
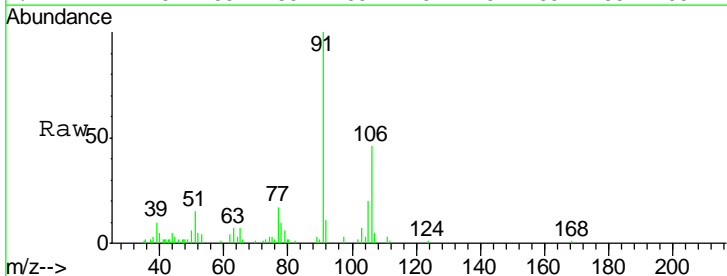
Instrument : MSVOA_V
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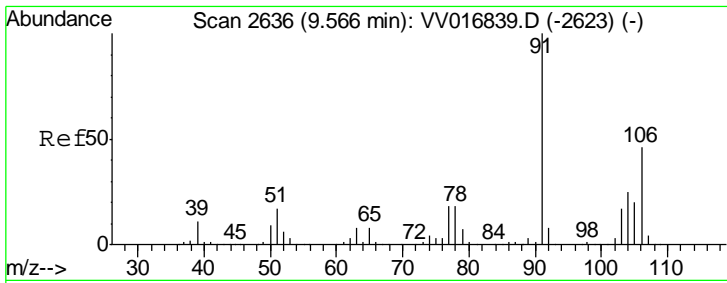
Tgt Ion: 91 Resp: 73145
 Ion Ratio Lower Upper
 91 100
 106 33.0 21.1 39.1



#53
 m,p-Xylene
 Concen: 1.677 ug/L
 RT: 9.16 min Scan# 2510
 Delta R.T. 0.00 min
 Lab File: VV016855.D
 Acq: 12 Jun 2020 02:45

Tgt Ion: 106 Resp: 6891
 Ion Ratio Lower Upper
 106 100
 91 217.9 144.6 268.6





#54
 o-xylene
 Concen: 2.029 ug/L
 RT: 9.57 min Scan# 2636
 Delta R.T. 0.00 min
 Lab File: VV016855.D
 Acq: 12 Jun 2020 02:45

Instrument :
 MSVOA_V
 ClientSampled :
 F9E64DL

Tgt Ion	Resp	Lower	Upper
106	100		
91	218.2	155.9	289.5

