

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060920\
 Data File : VV016742.D
 Acq On : 10 Jun 2020 01:09
 Operator : SY/MD
 Sample : L2914-07 100X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9E02

Quant Time: Jun 10 03:48:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 10 03:42:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	371700	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	350286	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	172950	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	87050	33.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	66.38%
7) Chloroethane-d5	1.56	69	68783	43.71	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.42%
11) 1,1-Dichloroethene-d2	2.11	63	127536	28.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	57.92%#
21) 2-Butanone-d5	3.89	46	185745	95.68	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.68%
24) Chloroform-d	4.37	84	219221	41.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.22%
26) 1,2-Dichloroethane-d4	5.05	65	164123	45.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.48%
32) Benzene-d6	5.07	84	434353	43.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.04%
36) 1,2-Dichloropropane-d6	6.09	67	137698	43.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.50%
41) Toluene-d8	7.34	98	387658	41.84	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.68%
43) trans-1,3-Dichloropropene-	7.64	79	63091	38.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.98%
47) 2-Hexanone-d5	8.11	63	123198	89.78	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.78%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	190795	45.79	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.58%
64) 1,2-Dichlorobenzene-d4	11.65	152	173235	46.94	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.88%

Target Compounds

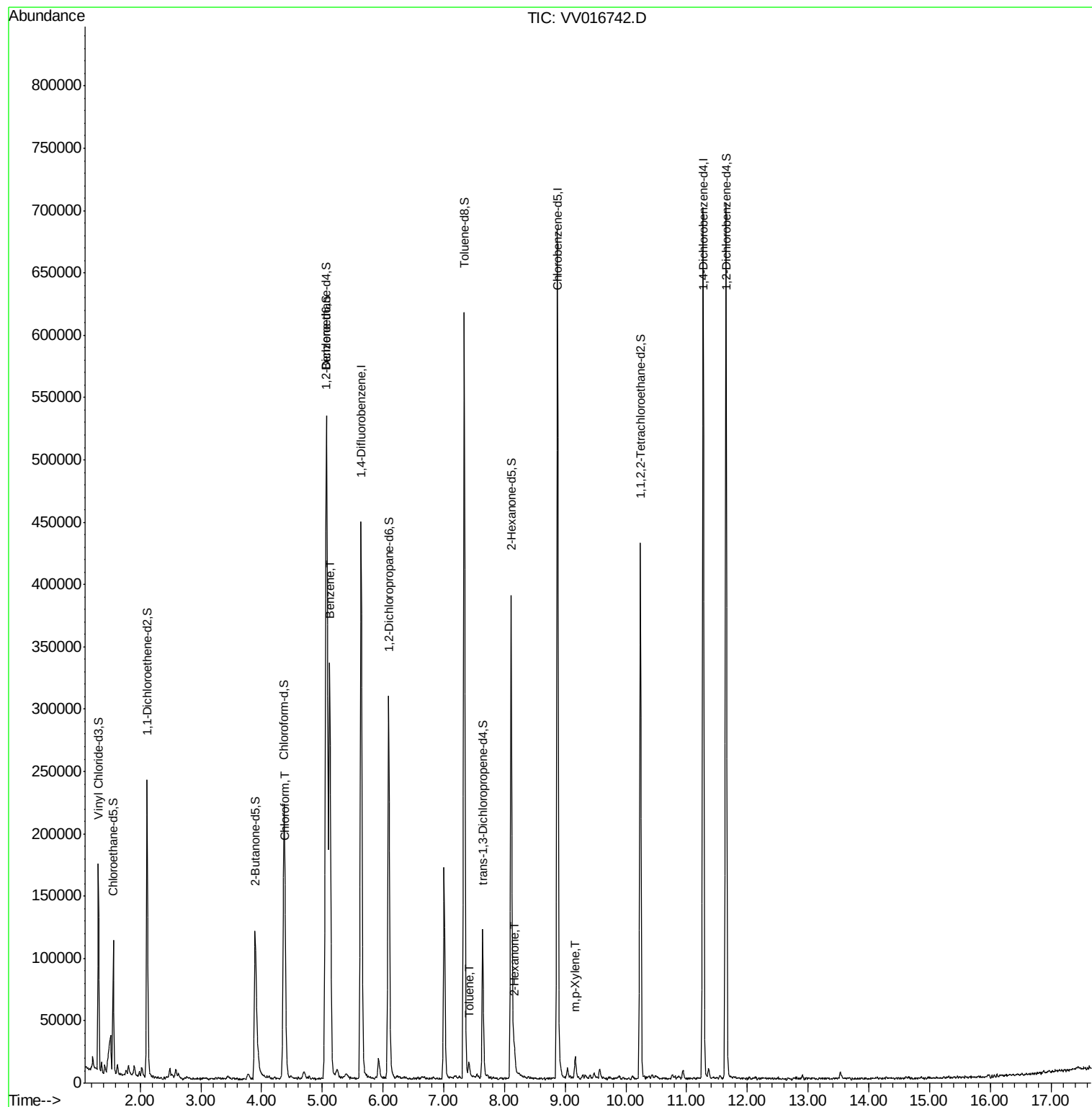
					Ovalue
25) Chloroform	4.40	83	5782	1.188 ug/L	84
33) Benzene	5.12	78	327843	31.633 ug/L	100
42) Toluene	7.42	91	8143	0.745 ug/L	92
48) 2-Hexanone	8.16	43	12952	4.374 ug/L #	78
53) m,p-Xylene	9.16	106	4756	1.056 ug/L	90

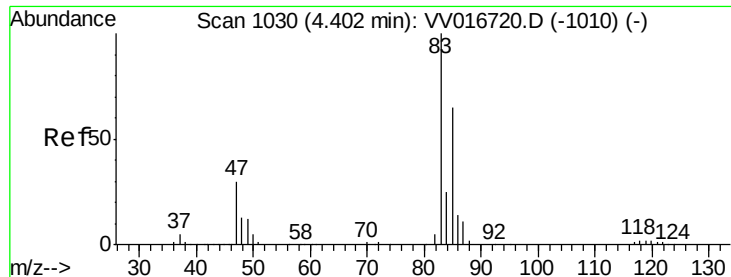
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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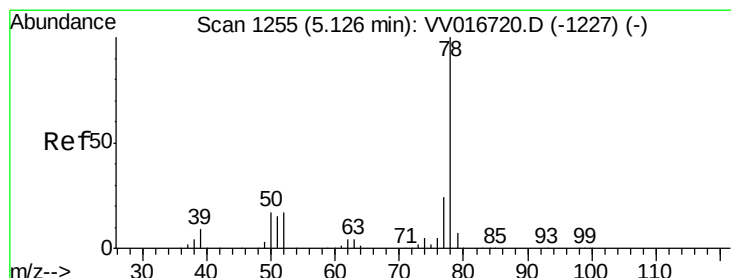
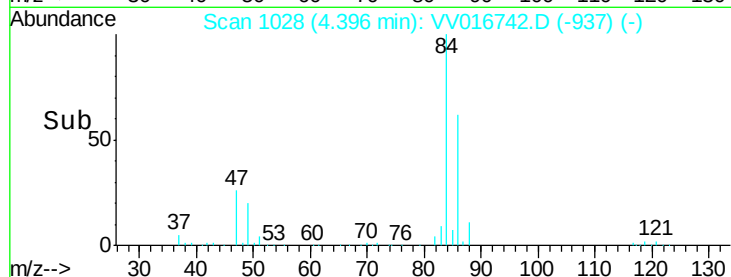
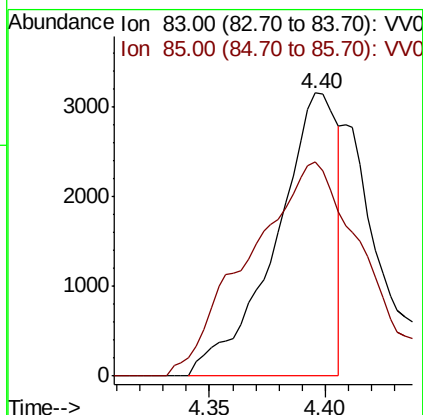
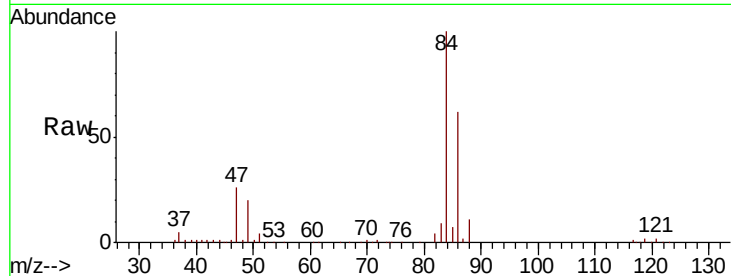




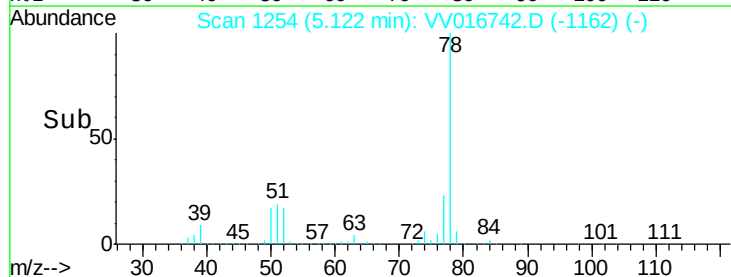
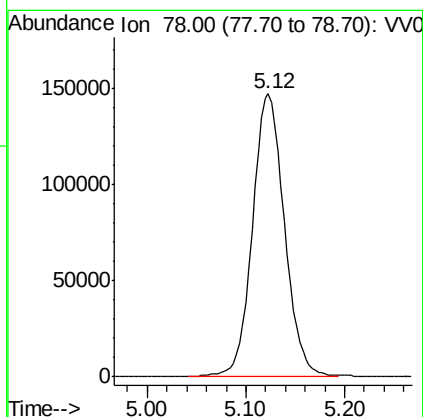
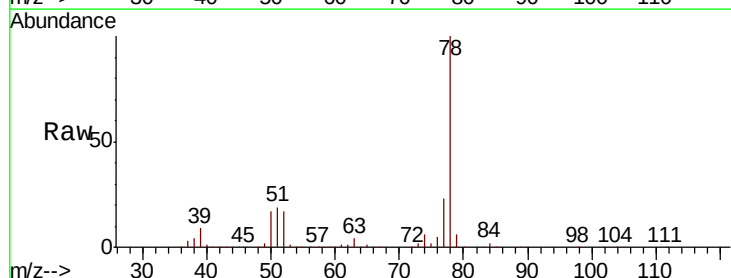
#25
Chloroform
Concen: 1.188 ug/L
RT: 4.40 min Scan# 1028
Delta R.T. -0.01 min
Lab File: VV016742.D
Acq: 10 Jun 2020 01:09

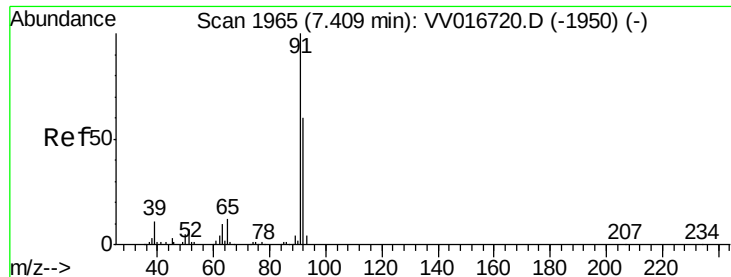
Instrument :
MSVOA_V
ClientSampleId :
F9E02

Tot Ion: 83 Resp: 5782
Ion Ratio Lower Upper
83 100
85 75.6 44.1 81.9



#33
Benzene
Concen: 31.633 ug/L
RT: 5.12 min Scan# 1254
Delta R.T. -0.00 min
Lab File: VV016742.D
Acq: 10 Jun 2020 01:09
Tgt Ion: 78 Resp: 327843





#42

Toluene

Concen: 0.745 ug/L

RT: 7.42 min Scan# 1968

Delta R.T. 0.01 min

Lab File: VV016742.D

Acq: 10 Jun 2020 01:09

Instrument :

MSVOA_V

ClientSampleId :

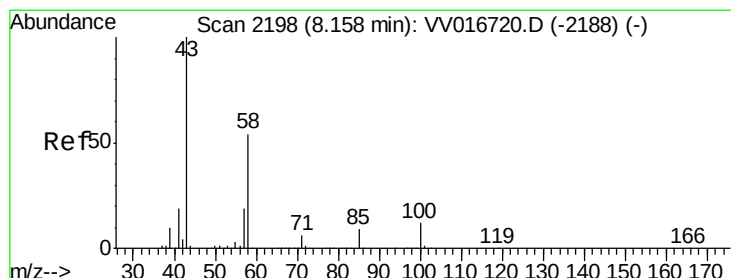
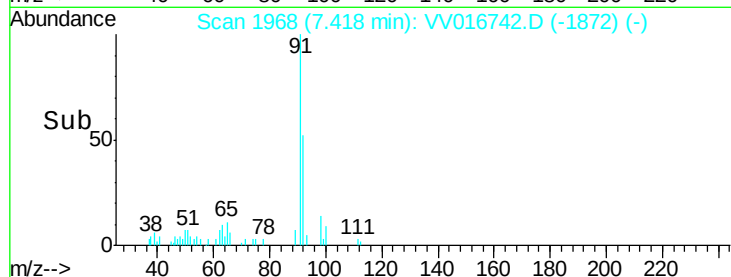
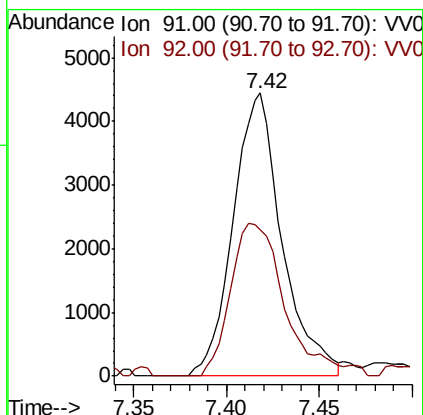
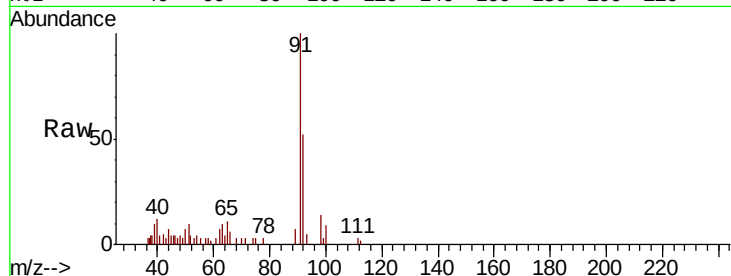
F9E02

Tot Ion: 91 Resp: 8143

Ion Ratio Lower Upper

91 100

92 51.8 40.4 75.0



#48

2-Hexanone

Concen: 4.374 ug/L

RT: 8.16 min Scan# 2200

Delta R.T. 0.01 min

Lab File: VV016742.D

Acq: 10 Jun 2020 01:09

Tgt Ion: 43 Resp: 12952

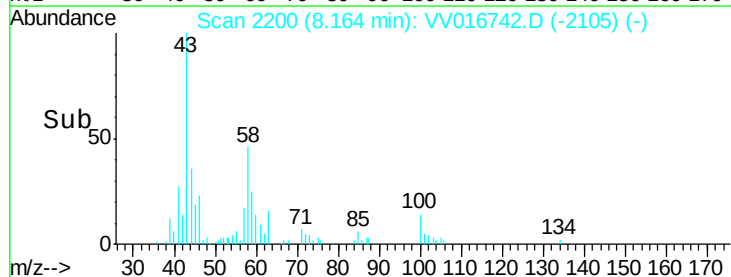
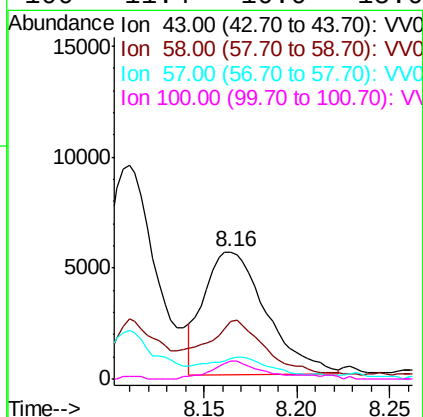
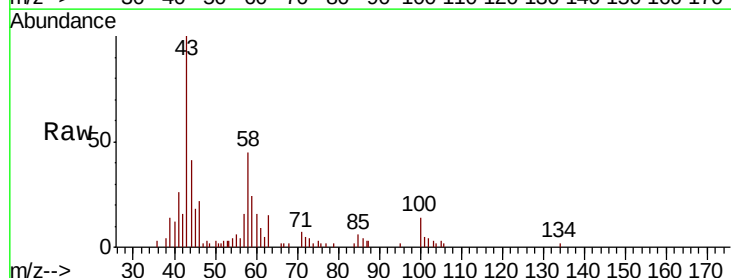
Ion Ratio Lower Upper

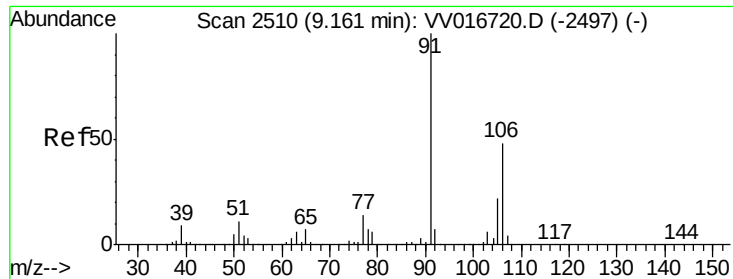
43 100

58 31.9 43.1 64.7#

57 13.8 15.3 22.9#

100 11.4 10.0 15.0





#53

m,p-Xylene

Concen: 1.056 ug/L

RT: 9.16 min Scan# 2511

Delta R.T. 0.00 min

Lab File: VV016742.D

Acq: 10 Jun 2020 01:09

Instrument :

MSVOA_V

ClientSampleId :

F9E02

Tot Ion:106 Resp: 4756

Ion Ratio Lower Upper

106 100

91 191.2 144.6 268.6

