

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060920\
 Data File : VV016752.D
 Acq On : 10 Jun 2020 05:54
 Operator : SY/MD
 Sample : L2914-13 50X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9E25

Quant Time: Jun 10 06:44:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 10 06:10:57 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	346737	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	324648	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	148453	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	79284	32.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	64.82%
7) Chloroethane-d5	1.56	69	61110	41.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.26%
11) 1,1-Dichloroethene-d2	2.12	63	116137	28.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	56.54%#
21) 2-Butanone-d5	3.90	46	177459	98.00	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.00%
24) Chloroform-d	4.37	84	212485	42.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.42%
26) 1,2-Dichloroethane-d4	5.05	65	152069	44.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.88%
32) Benzene-d6	5.07	84	394972	42.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.40%
36) 1,2-Dichloropropane-d6	6.09	67	128506	44.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.10%
41) Toluene-d8	7.34	98	343695	40.02	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.04%
43) trans-1,3-Dichloropropene-	7.64	79	57559	37.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.76%
47) 2-Hexanone-d5	8.11	63	113318	89.10	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.10%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	174464	45.18	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.36%
64) 1,2-Dichlorobenzene-d4	11.65	152	145493	45.92	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.84%

Target Compounds

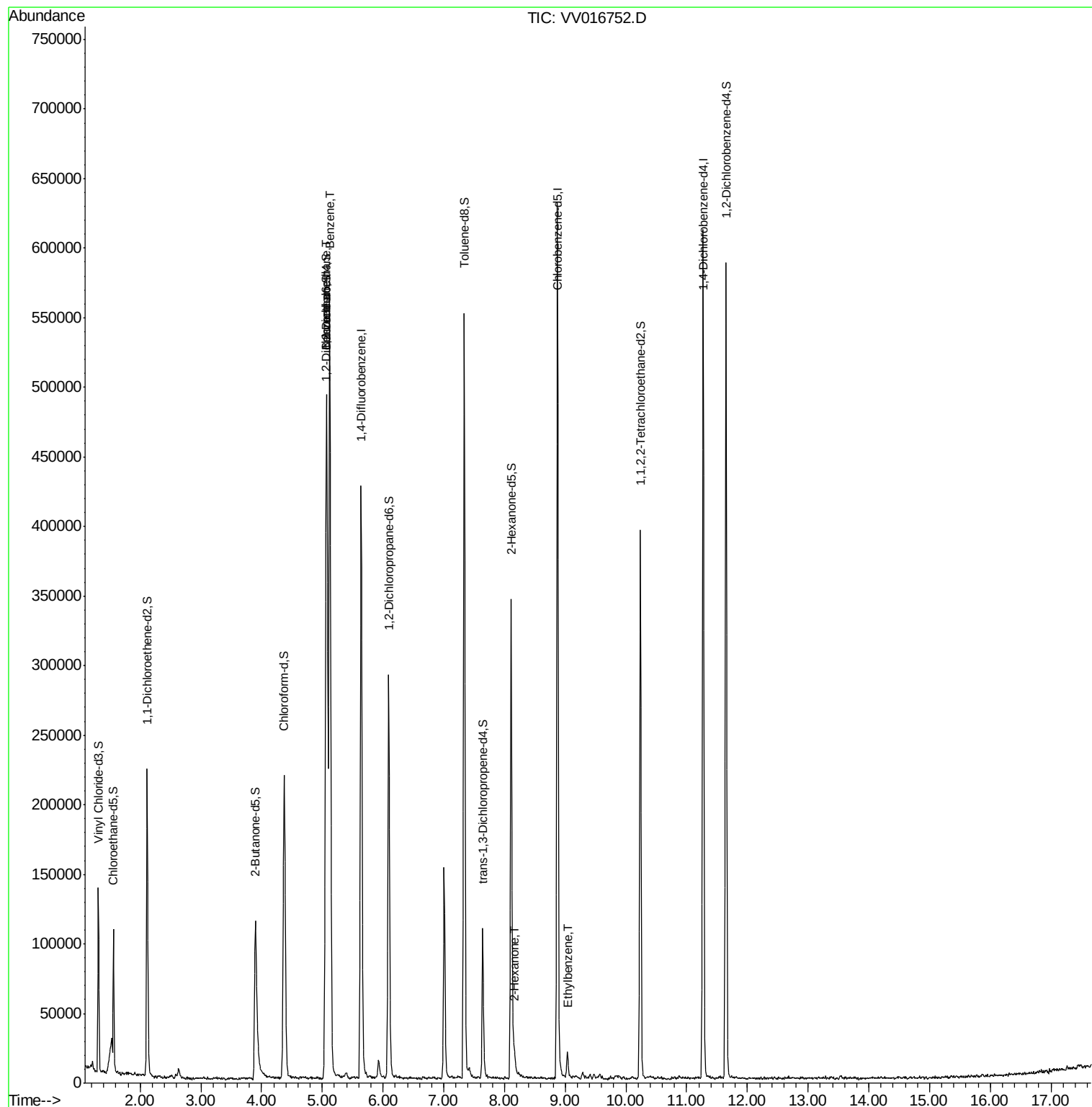
					Ovalue
27) 1,2-Dichloroethane	5.07	62	3018	0.793 ug/L	99
33) Benzene	5.12	78	542533	56.482 ug/L	100
48) 2-Hexanone	8.17	43	8211	2.992 ug/L #	53
52) Ethylbenzene	9.04	91	12918	1.152 ug/L	95

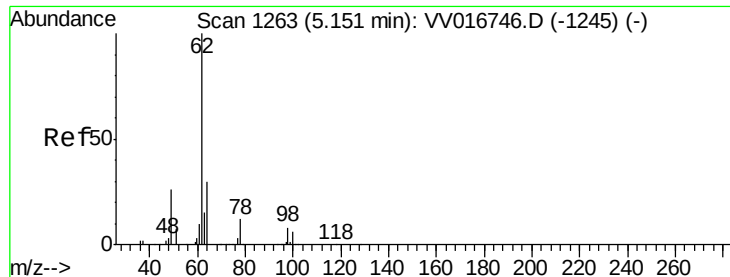
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#27

1,2-Dichloroethane

Concen: 0.793 ug/L

RT: 5.07 min Scan# 1238

Delta R.T. -0.08 min

Lab File: VV016752.D

Acq: 10 Jun 2020 05:54

Instrument :

MSVOA_V

ClientSampled :

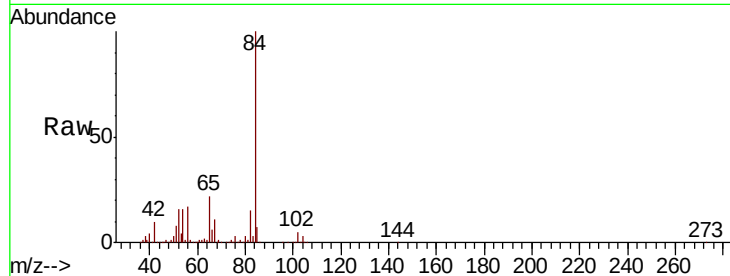
F9E25

Tot Ion: 62 Resp: 3018

Ion Ratio Lower Upper

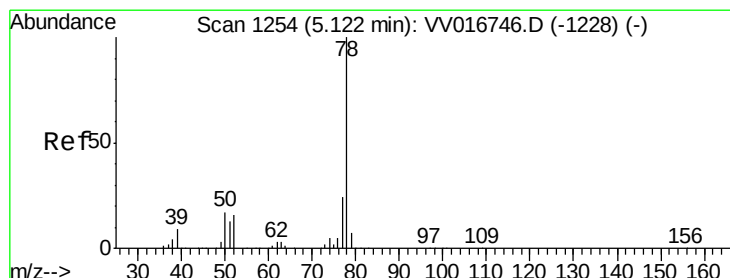
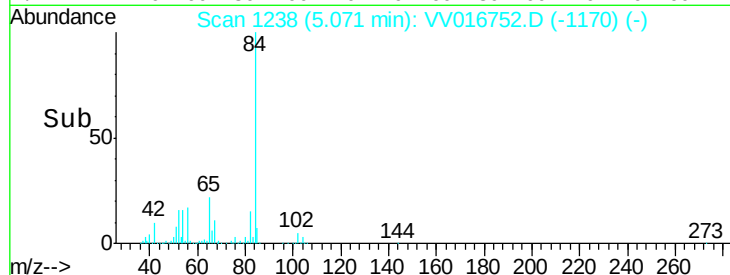
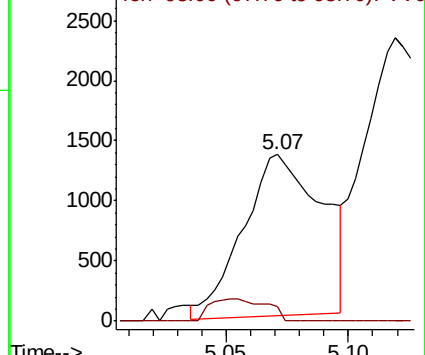
62 100

98 8.9 7.4 11.2



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 98.00 (97.70 to 98.70): VV0



#33

Benzene

Concen: 56.482 ug/L

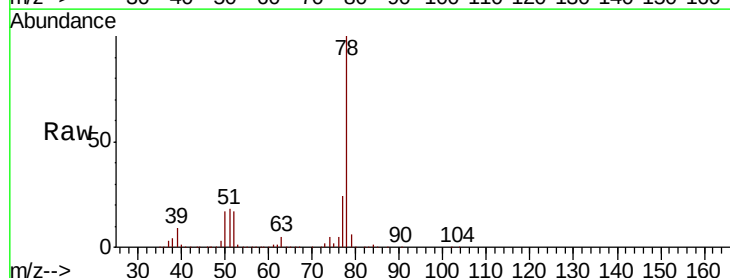
RT: 5.12 min Scan# 1254

Delta R.T. 0.00 min

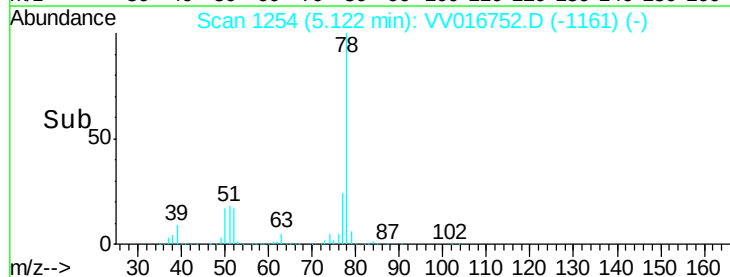
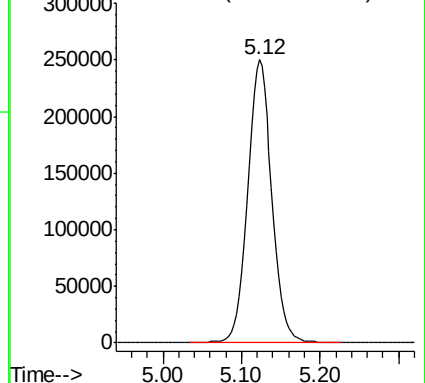
Lab File: VV016752.D

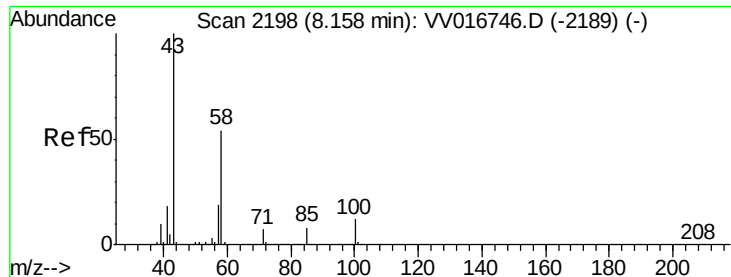
Acq: 10 Jun 2020 05:54

Tgt Ion: 78 Resp: 542533



Abundance Ion 78.00 (77.70 to 78.70): VV0

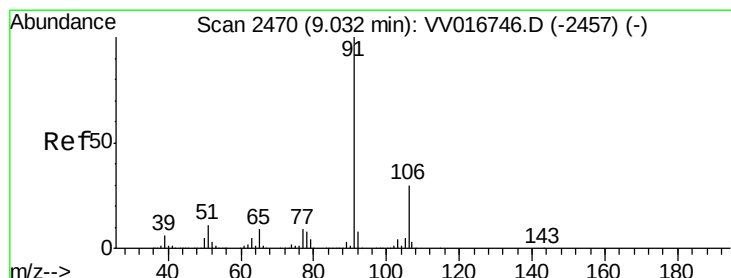
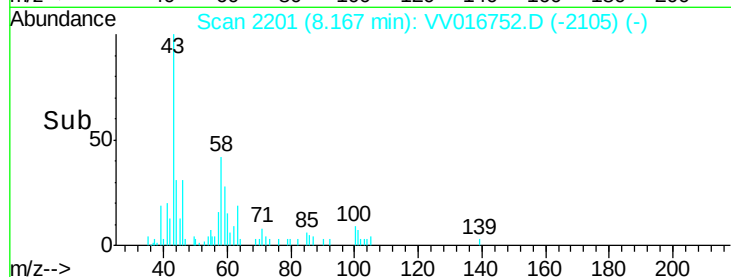
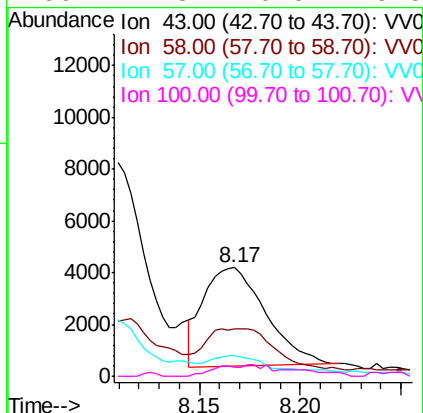
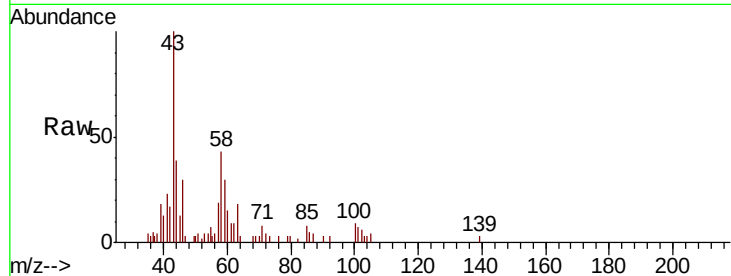




#48
2-Hexanone
Concen: 2.992 ug/L
RT: 8.17 min Scan# 2201
Delta R.T. 0.01 min
Lab File: VV016752.D
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Tot Ion	43	Resp	8211
Ion Ratio	Lower	Upper	
43	100		
58	8.9	43.1	64.7#
57	10.7	15.3	22.9#
100	4.3	10.0	15.0#



#52
Ethylbenzene
Concen: 1.152 ug/L
RT: 9.04 min Scan# 2471
Delta R.T. 0.00 min
Lab File: VV016752.D
Acq: 10 Jun 2020 05:54

Tgt Ion	91	Resp	12918
Ion Ratio	Lower	Upper	
91	100		
106	32.9	21.1	39.1

