

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060520\
 Data File : VV016549.D
 Acq On : 05 Jun 2020 20:27
 Operator : SY/MD
 Sample : L2872-02
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 06 00:14:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 06 00:07:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	443526	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	418591	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	200368	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	120218	38.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.54%
7) Chloroethane-d5	1.57	69	89942	39.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.32%
11) 1,1-Dichloroethene-d2	2.12	63	166476	29.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.78%#
21) 2-Butanone-d5	3.89	46	192402	95.79	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.79%
24) Chloroform-d	4.37	84	241815	41.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.04%
26) 1,2-Dichloroethane-d4	5.05	65	169258	42.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.74%
32) Benzene-d6	5.07	84	487655	43.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.98%
36) 1,2-Dichloropropane-d6	6.09	67	150530	43.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.16%
41) Toluene-d8	7.34	98	442835	43.49	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.98%
43) trans-1,3-Dichloropropene-	7.64	79	66411	39.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.00%
47) 2-Hexanone-d5	8.11	63	149108	99.65	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.65%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	203779	43.01	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.02%
64) 1,2-Dichlorobenzene-d4	11.65	152	177808	47.22	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.44%

Target Compounds

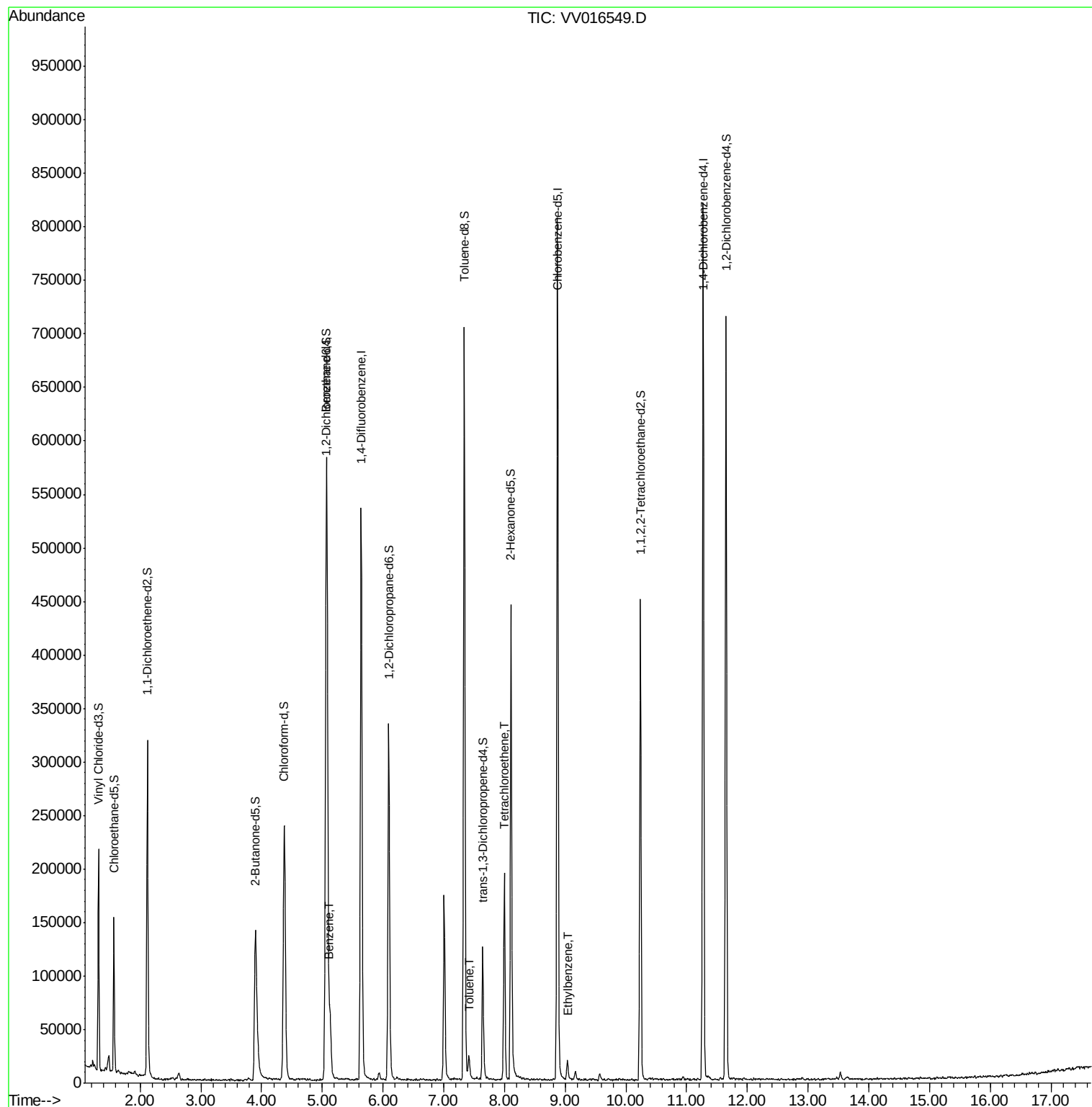
					Ovalue
33) Benzene	5.13	78	60210	4.891	ug/L 100
42) Toluene	7.41	91	15208	1.166	ug/L 96
46) Tetrachloroethene	8.00	164	42252	16.964	ug/L 97
52) Ethylbenzene	9.04	91	11881	0.837	ug/L 99

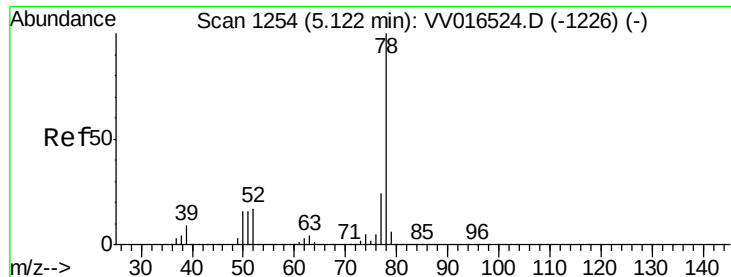
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#33

Benzene

Concen: 4.891 ug/L

RT: 5.13 min Scan# 1255

Delta R.T. 0.00 min

Lab File: VV016549.D

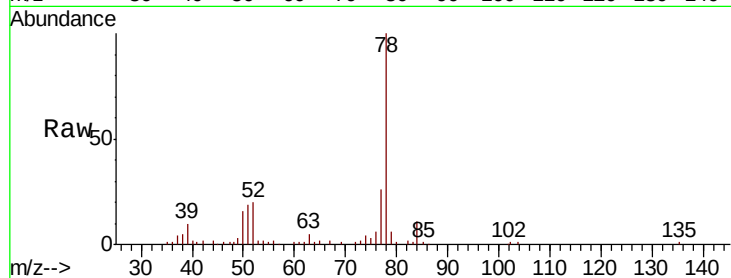
Acq: 05 Jun 2020 20:27

Instrument :

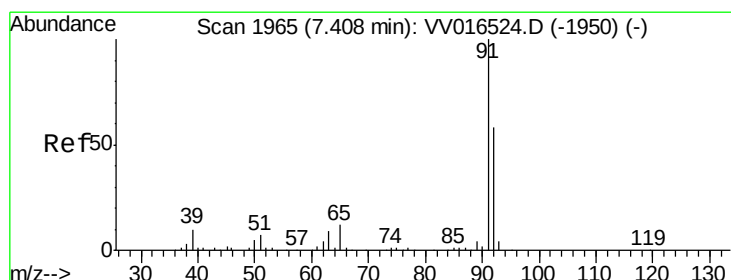
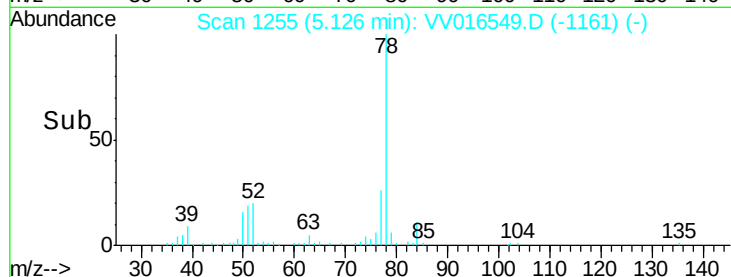
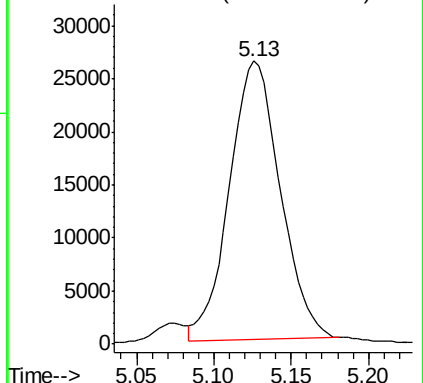
MSVOA_V

ClientSampled :

Tgt Ion: 78 Resp: 60210



Abundance Ion 78.00 (77.70 to 78.70): VV0



#42

Toluene

Concen: 1.166 ug/L

RT: 7.41 min Scan# 1967

Delta R.T. 0.01 min

Lab File: VV016549.D

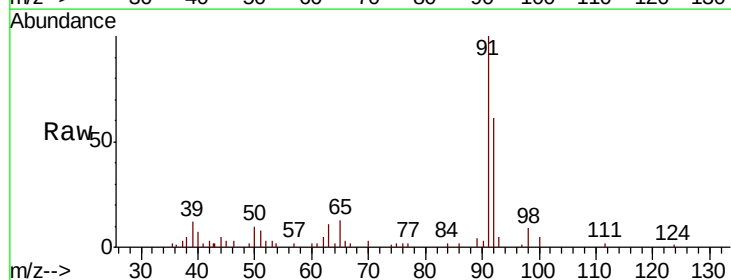
Acq: 05 Jun 2020 20:27

Tgt Ion: 91 Resp: 15208

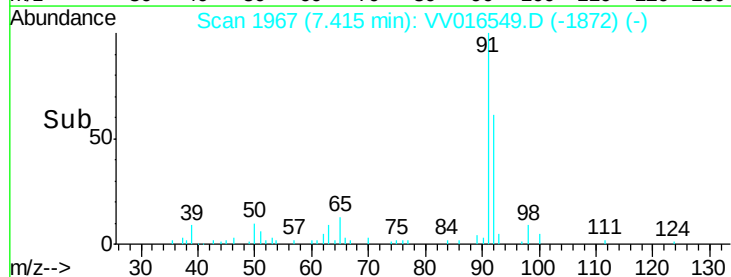
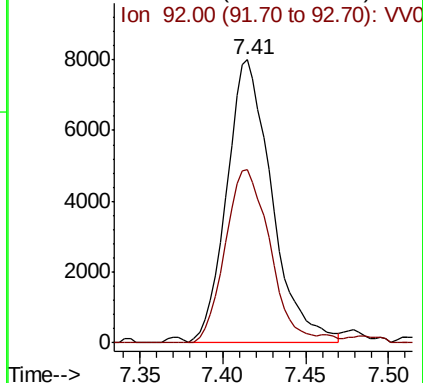
Ion Ratio Lower Upper

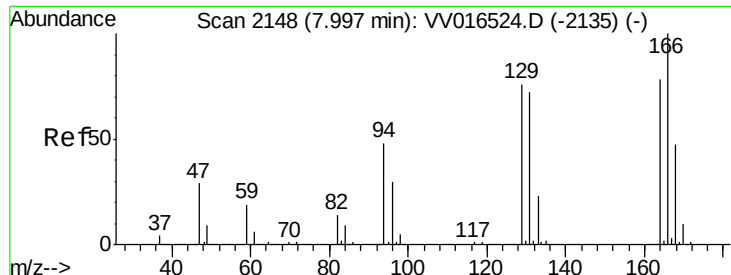
91 100

92 61.3 40.9 75.9



Abundance Ion 91.00 (90.70 to 91.70): VV0





#46

Tetrachloroethene

Concen: 16.964 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. -0.00 min

Lab File: VV016549.D

Acq: 05 Jun 2020 20:27

Instrument :
MSVOA_V
ClientSampled :

Tot Ion:164 Resp: 42252

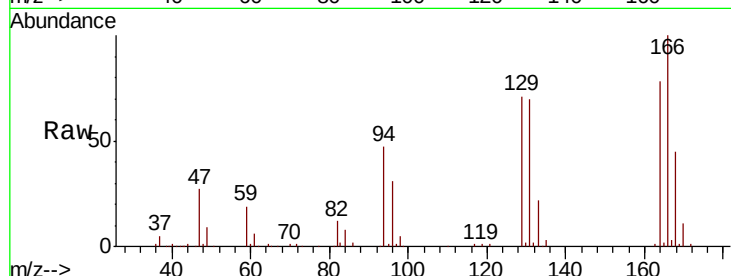
Ion Ratio Lower Upper

164 100

129 91.0 67.7 125.7

131 90.1 63.8 118.6

166 128.4 88.7 164.7

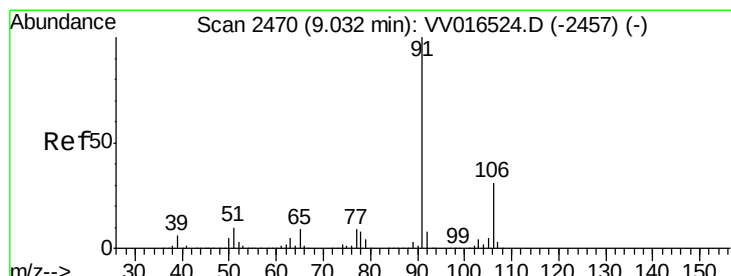
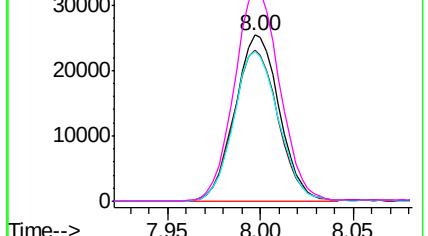
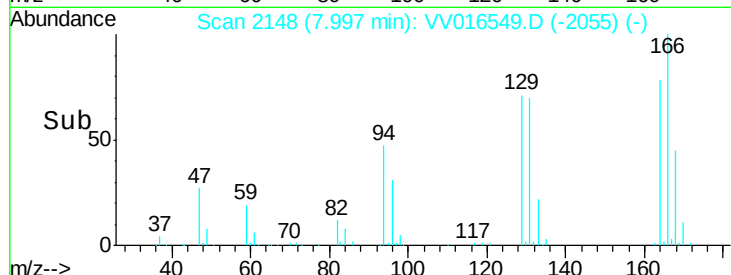


Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#52

Ethylbenzene

Concen: 0.837 ug/L

RT: 9.04 min Scan# 2471

Delta R.T. 0.00 min

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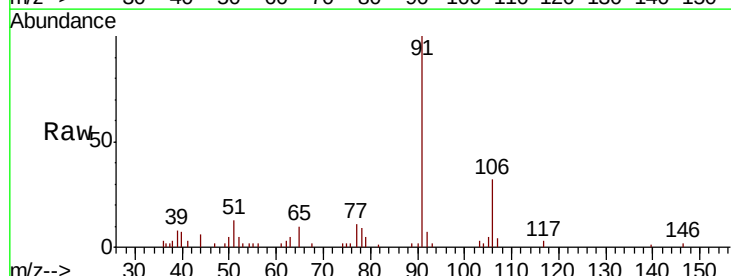
Acq: 05 Jun 2020 20:27

Tgt Ion: 91 Resp: 11881

Ion Ratio Lower Upper

91 100

106 31.6 21.8 40.4



Abundance Ion 91.00 (90.70 to 91.70): VV0

Ion 106.00 (105.70 to 106.70): V

