

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 :
BFEN4

Quant Time: Jun 06 06:18:29 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%		

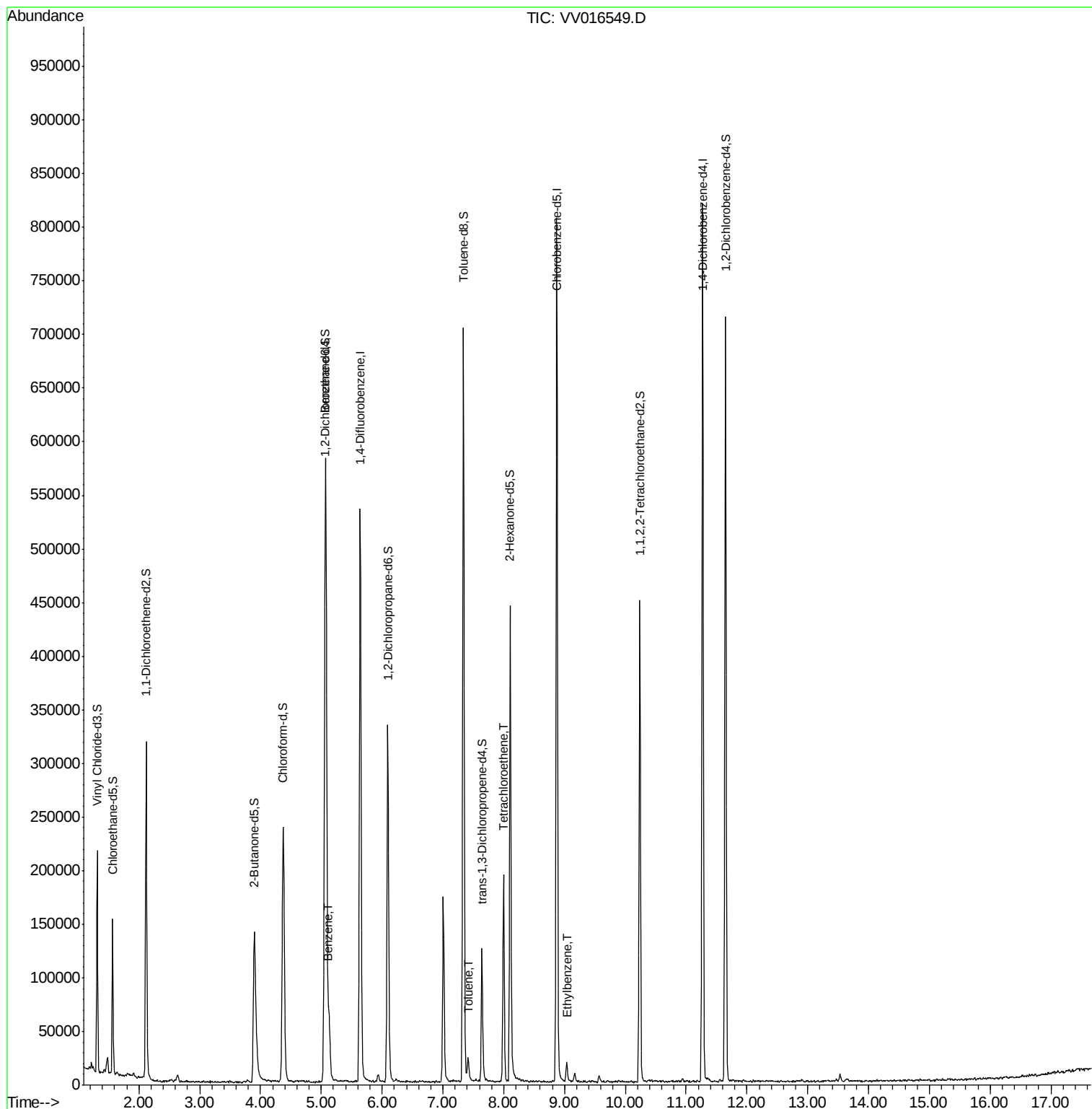
Target Compounds					Qvalue
33) Benzene	5.13	78	60210	4.891 ug/L	100
42) Toluene	7.41	91	15208	1.166 ug/L	96
46) Tetrachloroethene	8.00	164	42252	16.964 ug/L	97
52) Ethylbenzene	9.04	91	11881	0.837 ug/L	99

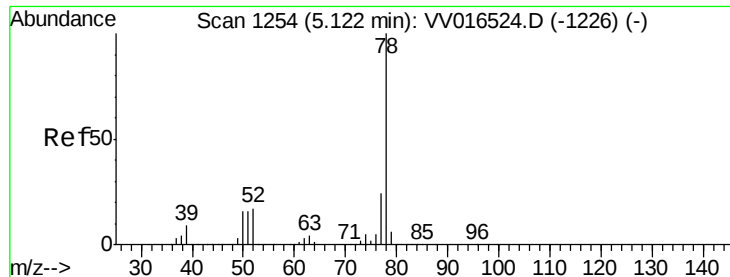
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#33

Benzene

Concen: 4.891 ug/L

RT: 5.13 min Scan# 1255

Delta R.T. 0.00 min

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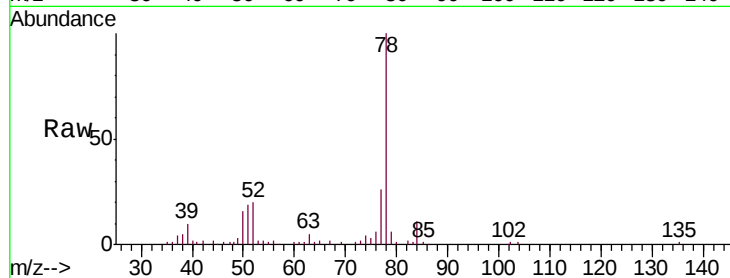
Instrument :

MSVOA_V

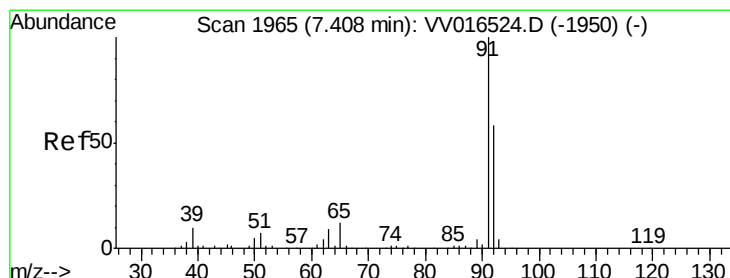
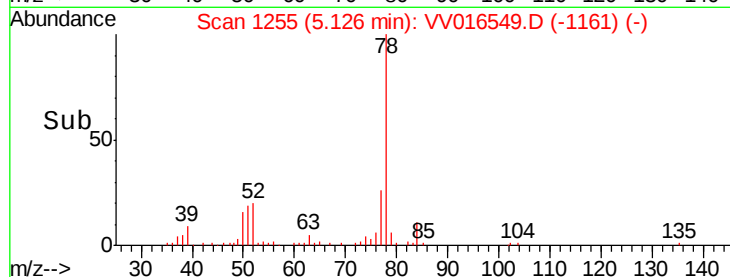
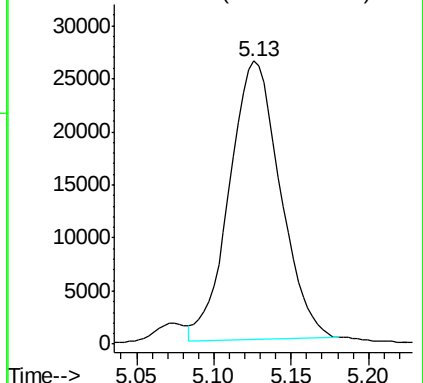
ClientSampleId :

BFEN4

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

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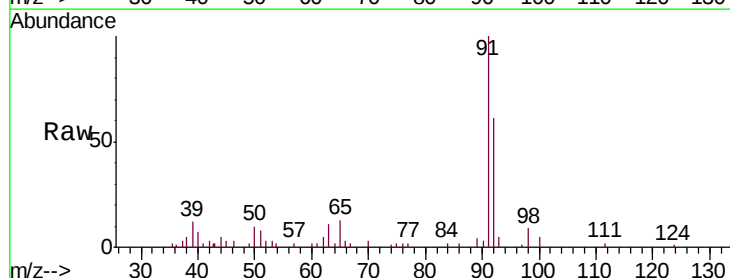
Acq: 05 Jun 2020 20:27

Tgt Ion: 91 Resp: 15208

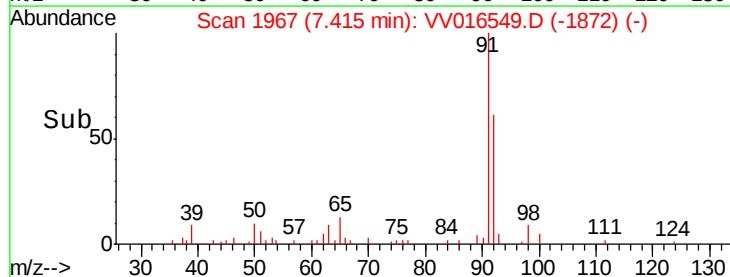
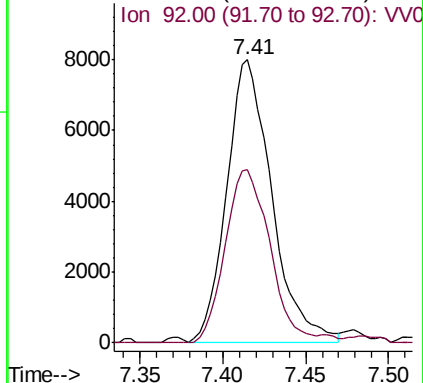
Ion Ratio Lower Upper

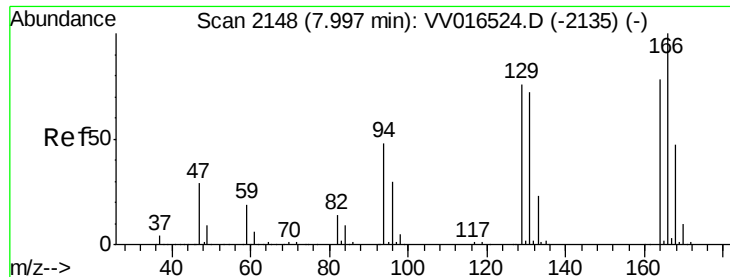
91 100

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

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Acq: 05 Jun 2020 20:27

Instrument :

MSVOA_V

ClientSampleId :

BFEN4

Tgt Ion:164 Resp: 42252

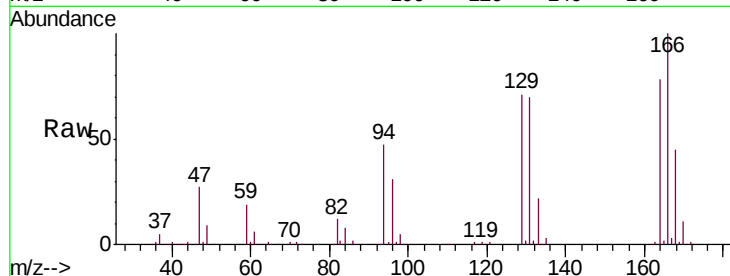
Ion Ratio Lower Upper

164 100

129 91.0 67.7 125.7

131 90.1 63.8 118.6

166 128.4 88.7 164.7

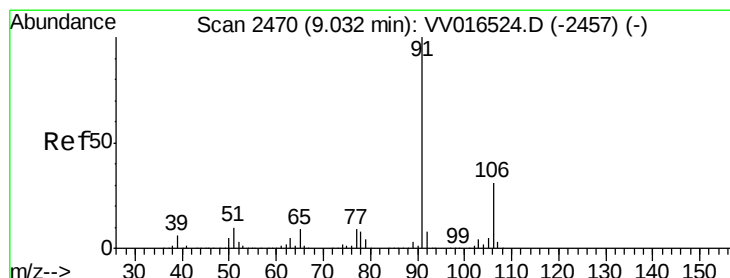
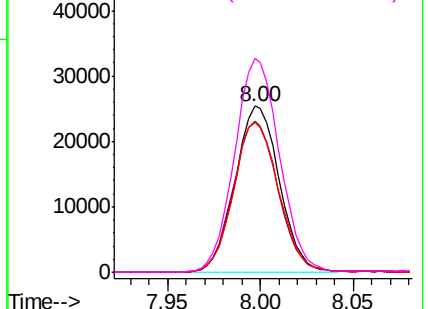
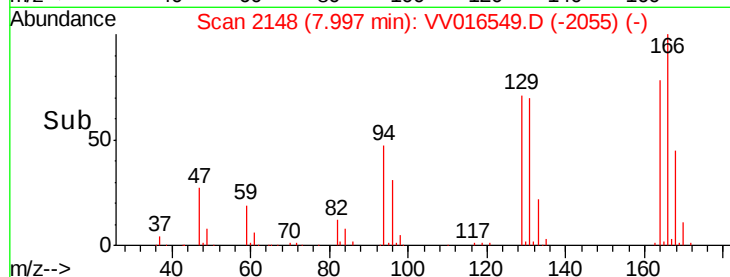


Abundance Ion 164.00 (163.70 to 164.70): V

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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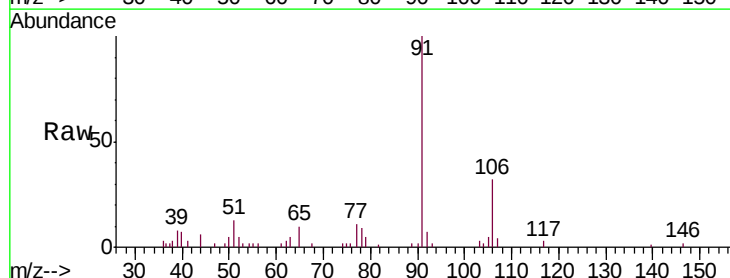
Acq: 05 Jun 2020 20:27

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

