

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061520\
 Data File : VV016939.D
 Acq On : 15 Jun 2020 16:16
 Operator : SY/MD
 Sample : L2990-11DL 100X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E3YG7DL

Quant Time: Jun 16 05:51:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 16 05:46:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	352550	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	333016	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	165656	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	95240	38.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.56%
7) Chloroethane-d5	1.56	69	70054	46.93	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.86%
11) 1,1-Dichloroethene-d2	2.12	63	135446	32.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.84%
21) 2-Butanone-d5	3.89	46	157117	85.33	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.33%
24) Chloroform-d	4.37	84	218376	43.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.34%
26) 1,2-Dichloroethane-d4	5.05	65	157706	45.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.68%
32) Benzene-d6	5.07	84	433271	45.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.26%
36) 1,2-Dichloropropane-d6	6.09	67	133946	44.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.52%
41) Toluene-d8	7.34	98	396641	45.03	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.06%
43) trans-1,3-Dichloropropene-	7.64	79	64953	41.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.36%
47) 2-Hexanone-d5	8.11	63	95547	73.24	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	73.24%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	166181	41.95	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	83.90%
64) 1,2-Dichlorobenzene-d4	11.65	152	170310	48.18	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.36%

Target Compounds

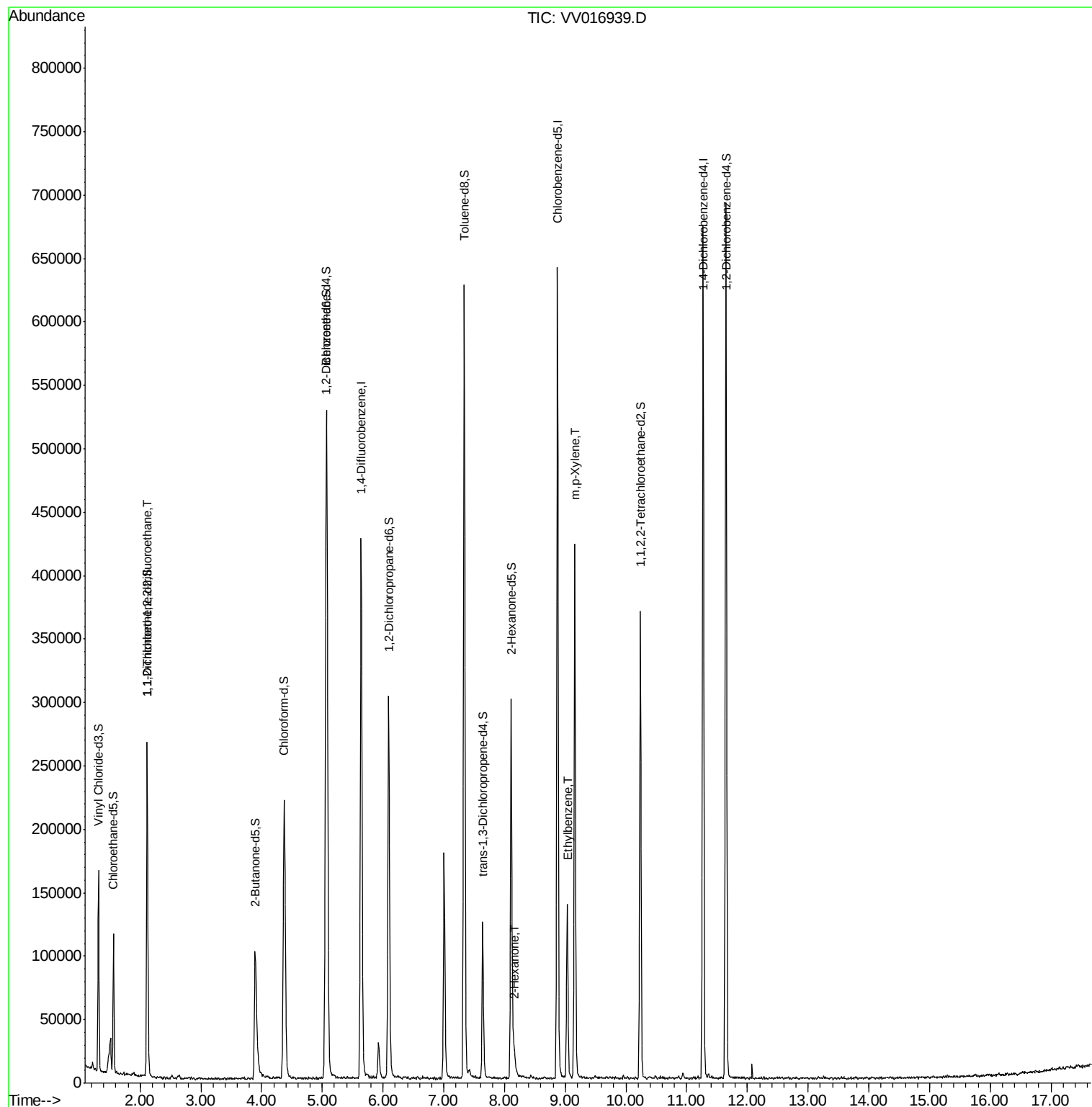
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	1381	0.737 ug/L #	24
48) 2-Hexanone	8.16	43	12181	4.327 ug/L #	77
52) Ethylbenzene	9.04	91	93363	8.115 ug/L	99
53) m,p-Xylene	9.16	106	112106	26.171 ug/L	99

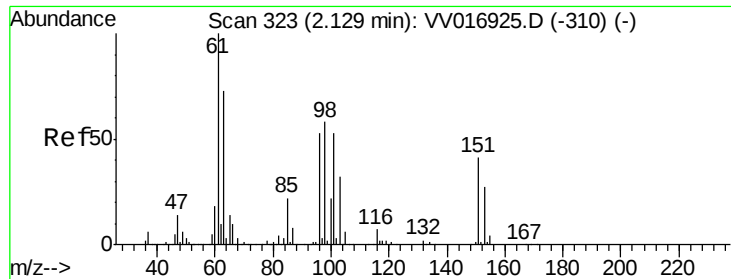
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.737 ug/L

RT: 2.11 min Scan# 318

Delta R.T. -0.02 min

Lab File: VV016939.D

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MSVOA_V

ClientSampleId :

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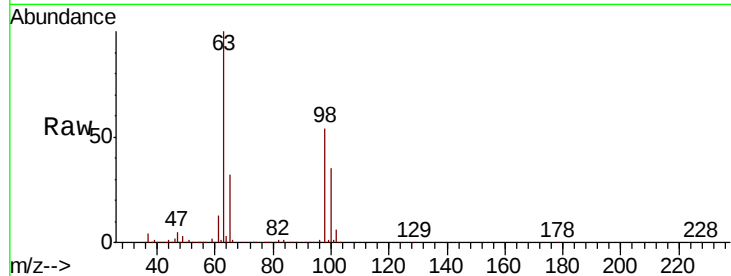
Tot Ion:101 Resp: 1381

Ion Ratio Lower Upper

101 100

85 7.4 35.5 53.3#

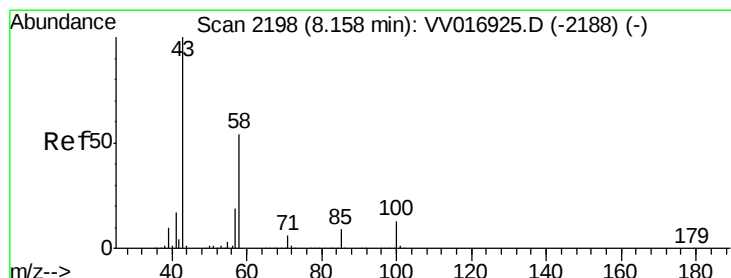
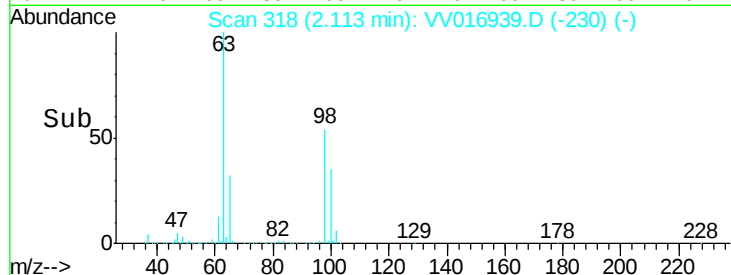
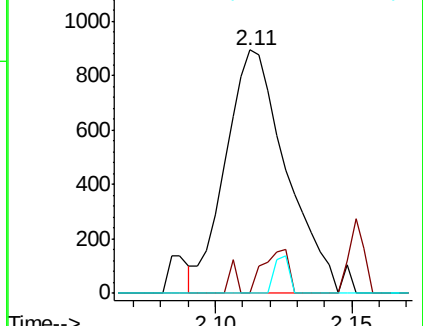
151 3.7 63.9 95.9#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#48

2-Hexanone

Concen: 4.327 ug/L

RT: 8.16 min Scan# 2200

Delta R.T. 0.01 min

Lab File: VV016939.D

Acq: 15 Jun 2020 16:16

Tgt Ion: 43 Resp: 12181

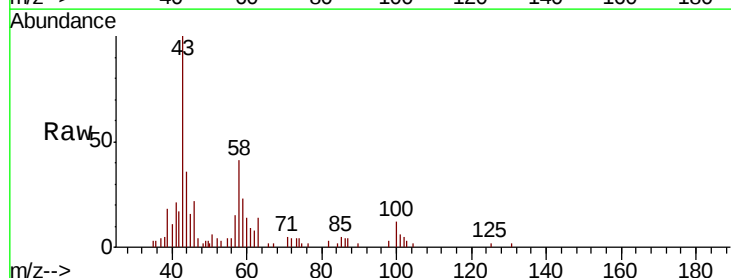
Ion Ratio Lower Upper

43 100

58 34.7 43.1 64.7#

57 8.6 15.3 22.9#

100 11.5 10.0 15.0

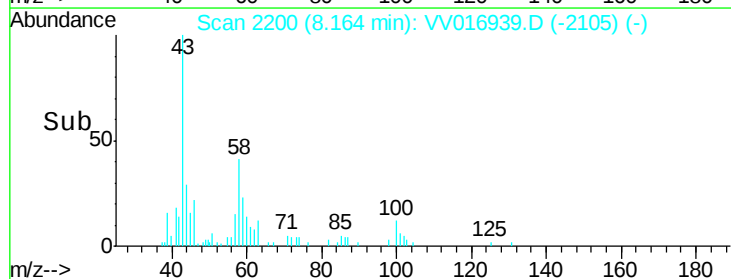
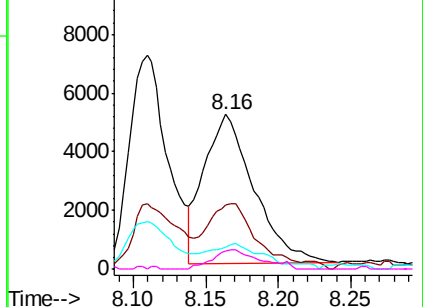


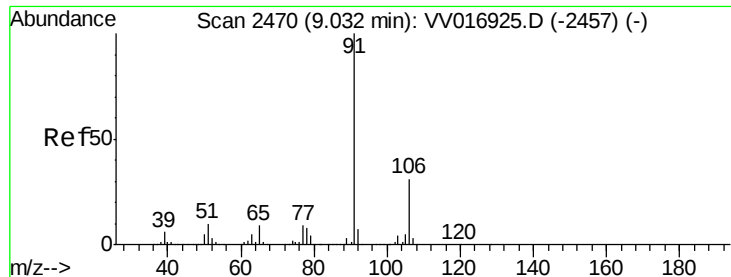
Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

Ion 57.00 (56.70 to 57.70): VV0

Ion 100.00 (99.70 to 100.70): VV0





#52

Ethylbenzene

Concen: 8.115 ug/L

RT: 9.04 min Scan# 2471

Delta R.T. 0.00 min

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Acq: 15 Jun 2020 16:16

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MSVOA_V

ClientSampleId :

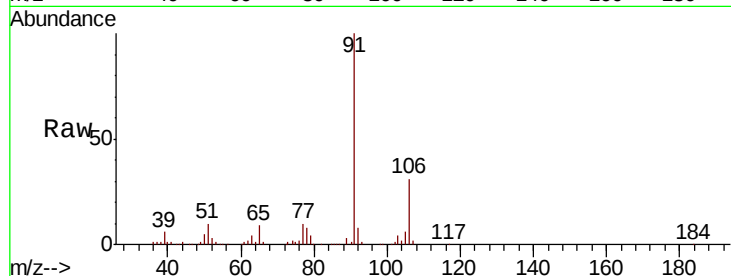
E3YG7DL

Tot Ion: 91 Resp: 93363

Ion Ratio Lower Upper

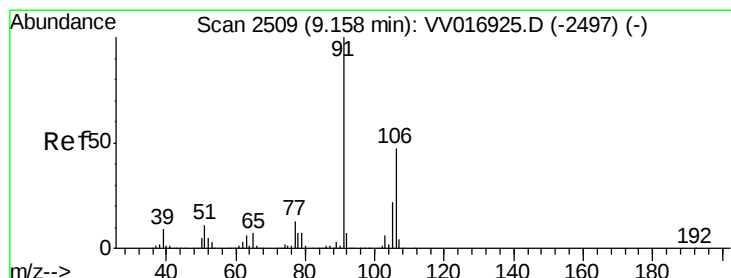
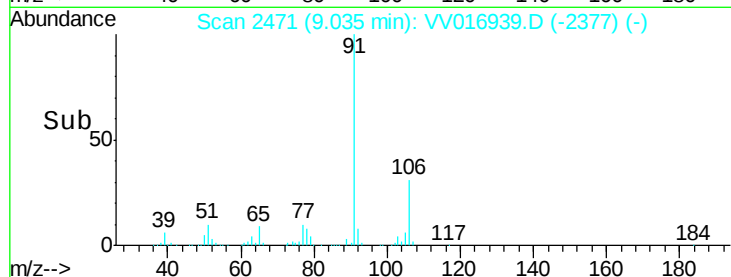
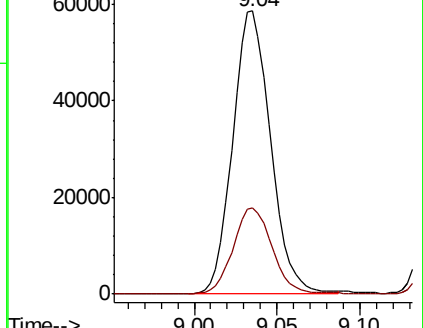
91 100

106 30.6 21.1 39.1



Abundance Ion 91.00 (90.70 to 91.70): VV016925.D (-2457) (-)

Ion 106.00 (105.70 to 106.70): VV016925.D (-2457) (-)



#53

m,p-Xylene

Concen: 26.171 ug/L

RT: 9.16 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VV016939.D

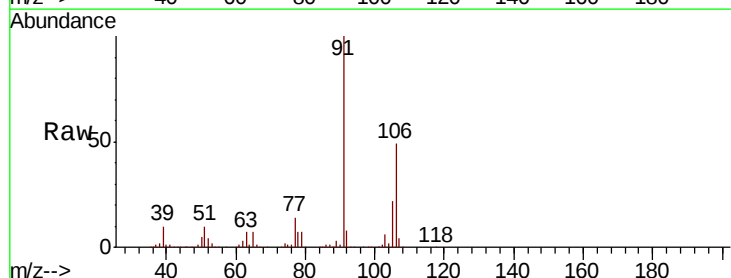
Acq: 15 Jun 2020 16:16

Tgt Ion: 106 Resp: 112106

Ion Ratio Lower Upper

106 100

91 205.8 144.6 268.6



Abundance Ion 106.00 (105.70 to 106.70): VV016925.D (-2497) (-)

Ion 91.00 (90.70 to 91.70): VV016925.D (-2497) (-)

