

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081919\
 Data File : VV012296.D
 Acq On : 20 Aug 2019 00:04
 Operator : SY/MD
 Sample : K4373-15
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AD4

Quant Time: Aug 20 04:26:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR081919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Aug 20 02:35:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	248068	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	235975	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	121306	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	72957	5.75	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	115.00%
7) Chloroethane-d5	1.58	69	55333	5.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	119.40%
11) 1,1-Dichloroethene-d2	2.13	63	83475	3.47	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.40%
20) 2-Butanone-d5	3.95	46	170959	50.02	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.04%
24) Chloroform-d	4.40	84	143859	4.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.00%
26) 1,2-Dichloroethane-d4	5.08	65	70964	4.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.40%
32) Benzene-d6	5.10	84	321968	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.20%
36) 1,2-Dichloropropane-d6	6.12	67	97141	5.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.00%
41) Toluene-d8	7.36	98	300502	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.40%
43) trans-1,3-Dichloropropene-	7.66	79	32070	4.23	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.60%
46) 2-Hexanone-d5	8.13	63	144118	60.25	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	120.50%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	67252	5.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	117290	4.81	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.20%

Target Compounds

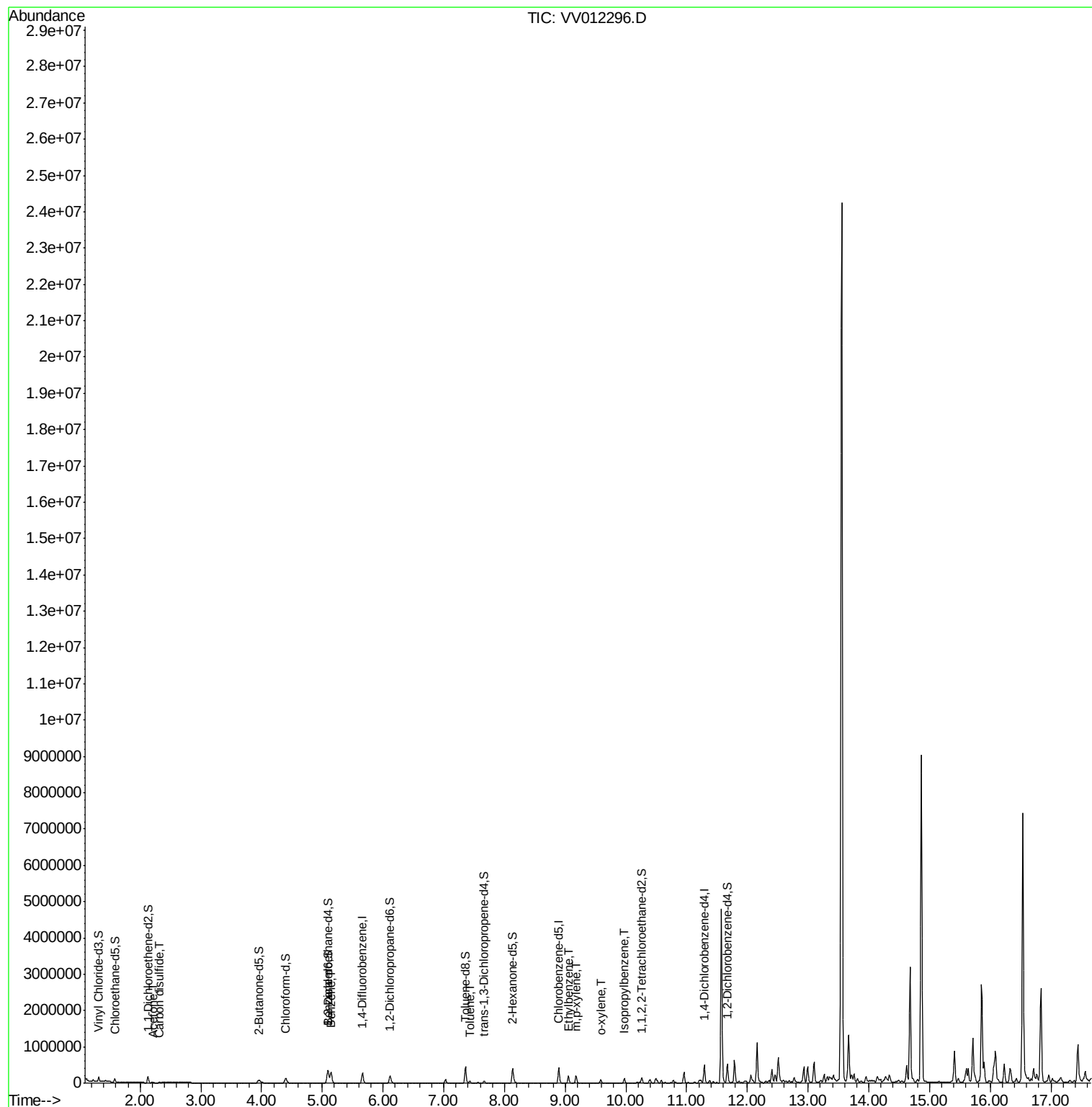
					Ovalue
13) Acetone	2.21	43	5855	3.275 ug/L	97
14) Carbon disulfide	2.32	76	9861	0.312 ug/L	95
33) Benzene	5.14	78	296175	4.538 ug/L	100
42) Toluene	7.43	91	32048	0.444 ug/L	94
52) Ethylbenzene	9.05	91	139053	1.720 ug/L	99
53) m,p-xylene	9.18	106	57767	1.831 ug/L	96
54) o-xylene	9.59	106	24004	0.791 ug/L	93
56) Isopropylbenzene	9.97	105	85944	1.026 ug/L	98

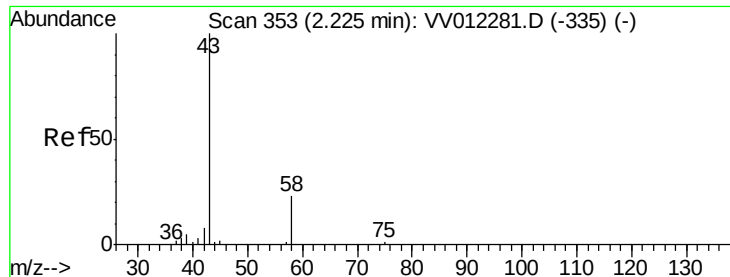
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 3.275 ug/L

RT: 2.21 min Scan# 349

Delta R.T. -0.01 min

Lab File: VV012296.D

Acq: 20 Aug 2019 00:04

Instrument :

MSVOA_V

ClientSampled :

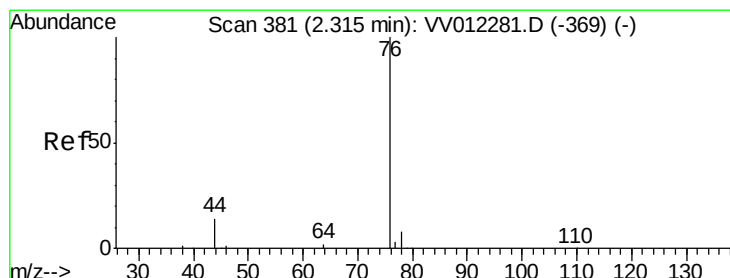
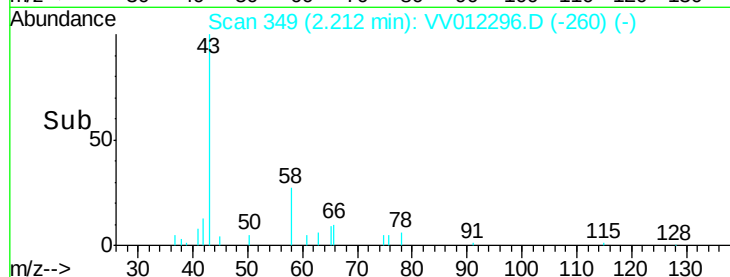
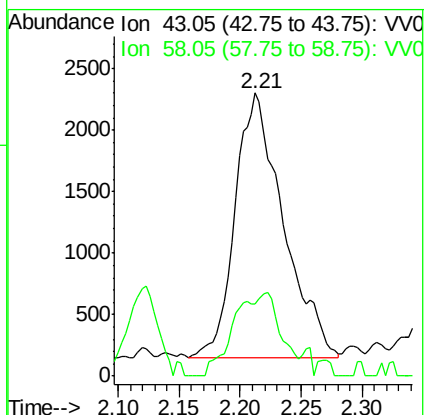
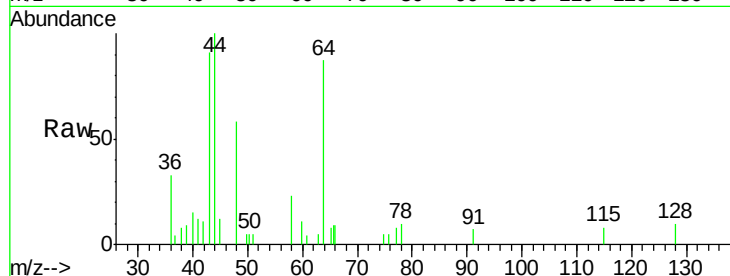
C0AD4

Tot Ion: 43 Resp: 5855

Ion Ratio Lower Upper

43 100

58 14.1 0.0 25.6



#14

Carbon disulfide

Concen: 0.312 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VV012296.D

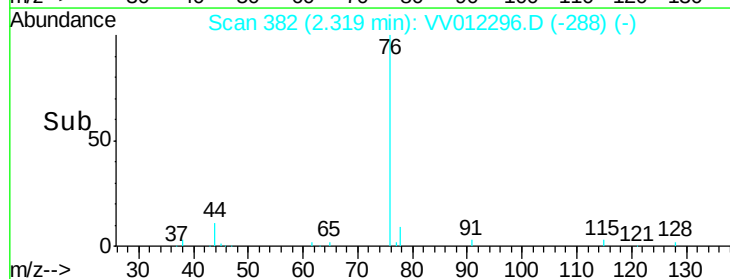
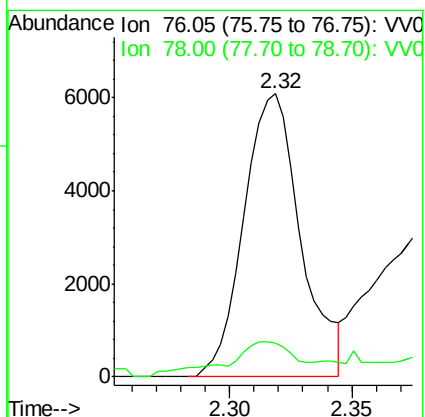
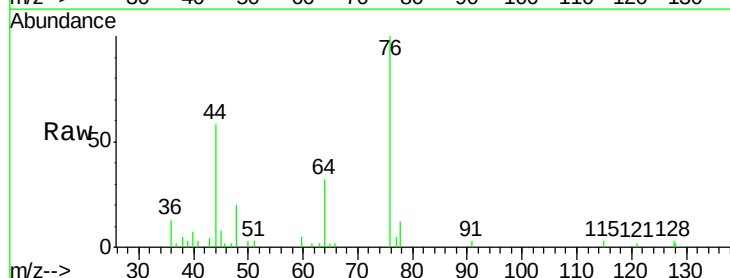
Acq: 20 Aug 2019 00:04

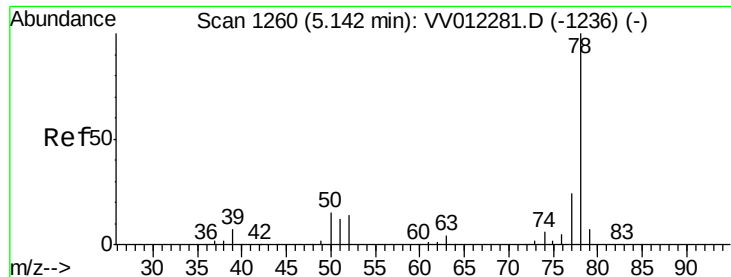
Tgt Ion: 76 Resp: 9861

Ion Ratio Lower Upper

76 100

78 12.1 8.3 12.5





#33

Benzene

Concen: 4.538 ug/L

RT: 5.14 min Scan# 1261

Delta R.T. 0.00 min

Lab File: VV012296.D

Acq: 20 Aug 2019 00:04

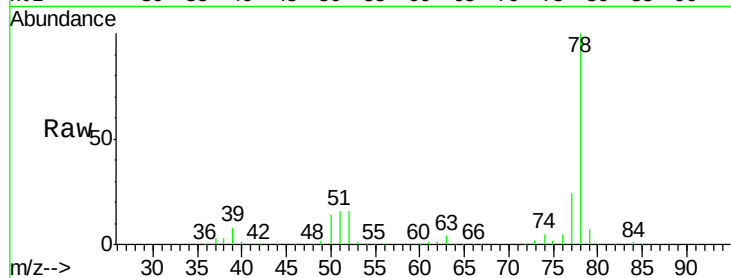
Instrument :

MSVOA_V

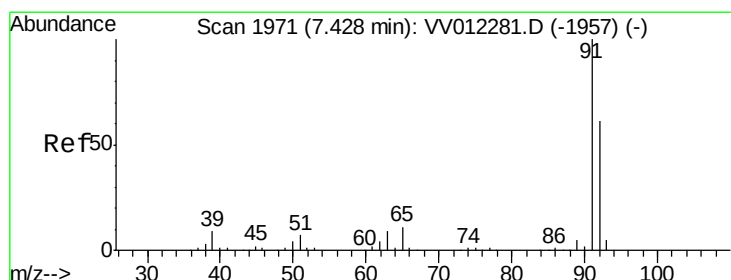
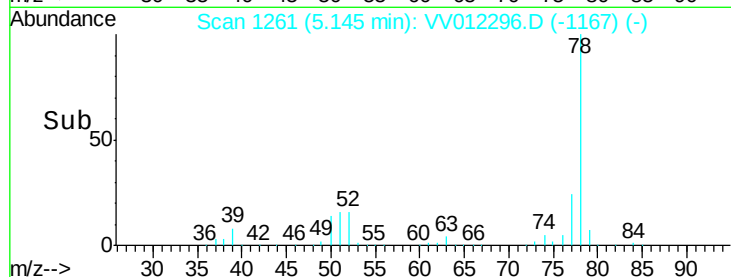
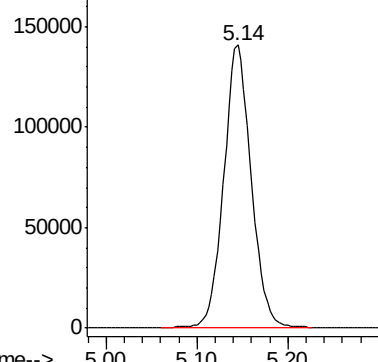
ClientSampleId :

C0AD4

Tgt Ion: 78 Resp: 296175



Abundance Ion 78.10 (77.80 to 78.80): VV0



#42

Toluene

Concen: 0.444 ug/L

RT: 7.43 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VV012296.D

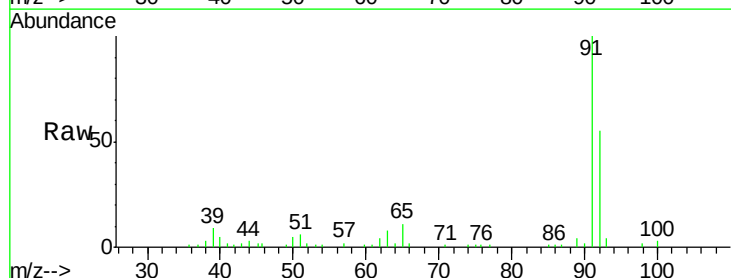
Acq: 20 Aug 2019 00:04

Tgt Ion: 91 Resp: 32048

Ion Ratio Lower Upper

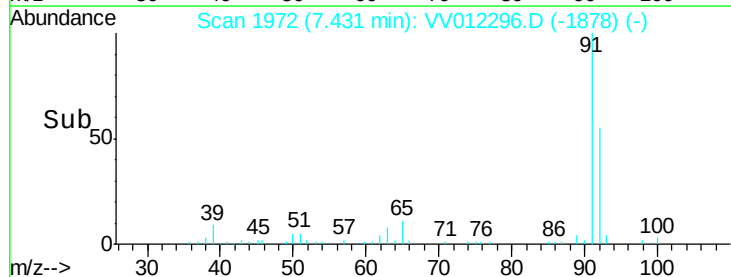
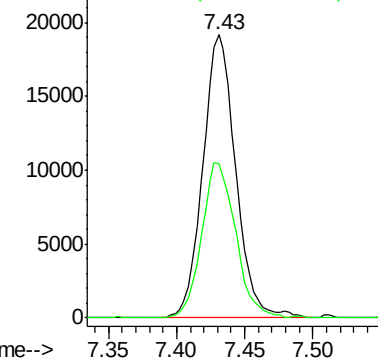
91 100

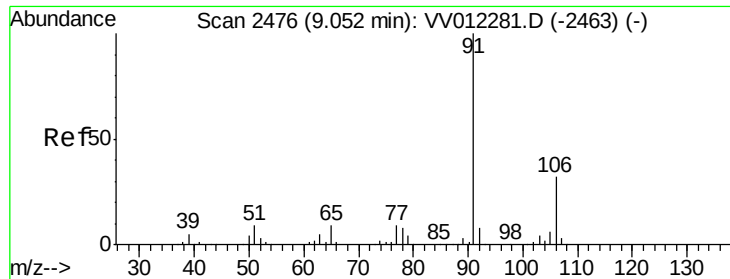
92 54.6 41.6 77.3



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 92.15 (91.85 to 92.85): VV0





#52

Ethylbenzene

Concen: 1.720 ug/L

RT: 9.05 min Scan# 2477

Delta R.T. 0.00 min

Lab File: VV012296.D

Acq: 20 Aug 2019 00:04

Instrument :

MSVOA_V

ClientSampleId :

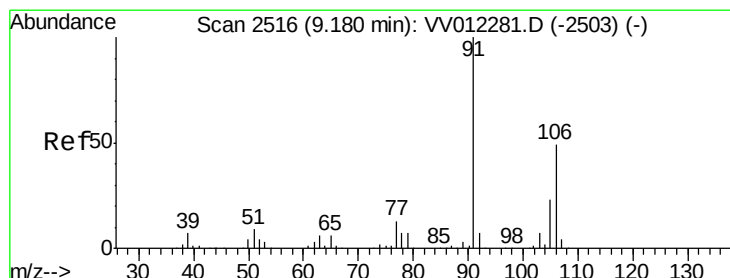
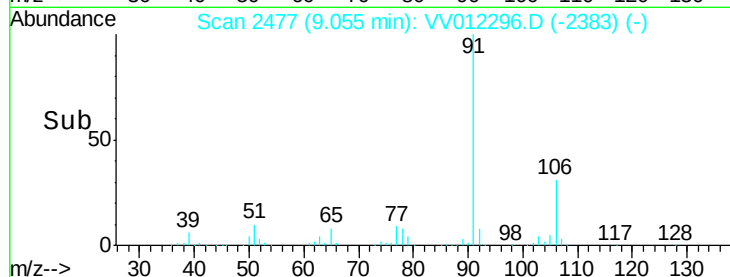
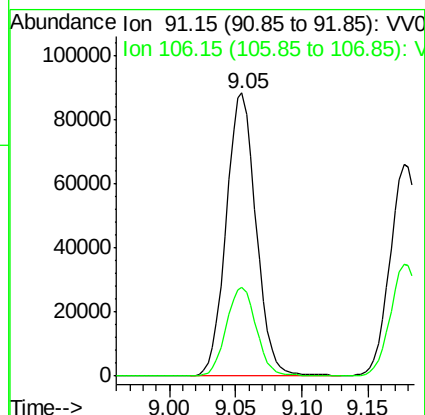
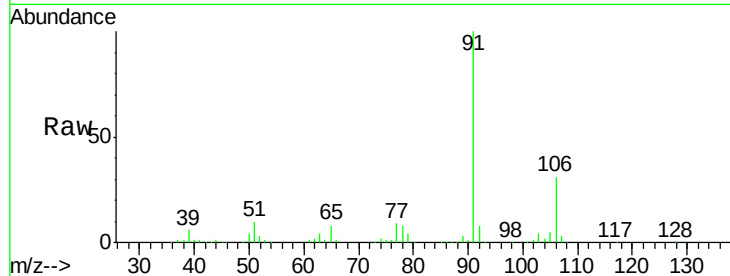
C0AD4

Tot Ion: 91 Resp: 139053

Ion Ratio Lower Upper

91 100

106 31.4 21.6 40.0



#53

m,p-xylene

Concen: 1.831 ug/L

RT: 9.18 min Scan# 2515

Delta R.T. -0.00 min

Lab File: VV012296.D

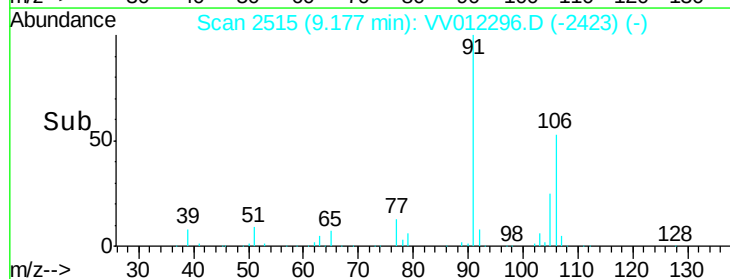
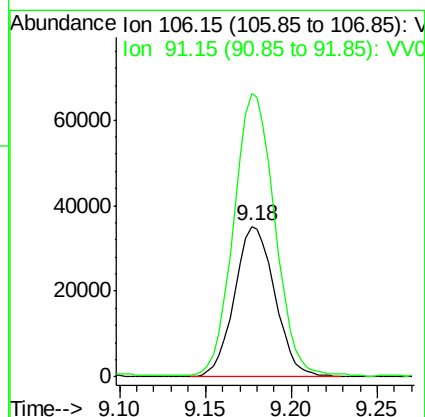
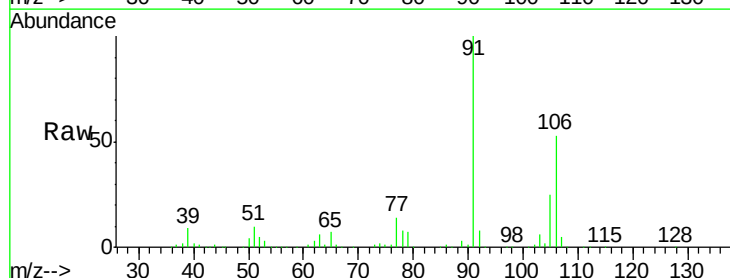
Acq: 20 Aug 2019 00:04

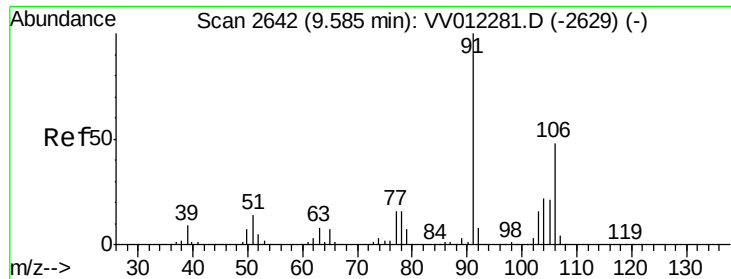
Tgt Ion: 106 Resp: 57767

Ion Ratio Lower Upper

106 100

91 188.0 136.0 252.6

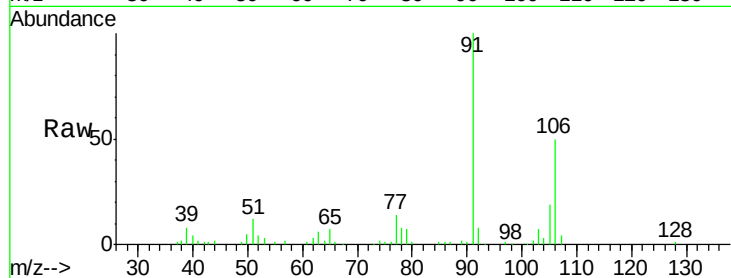




#54
o-xylene
Concen: 0.791 ug/L
RT: 9.59 min Scan# 2642
Delta R.T. -0.00 min
Lab File: VV012296.D
Acq: 20 Aug 2019 00:04

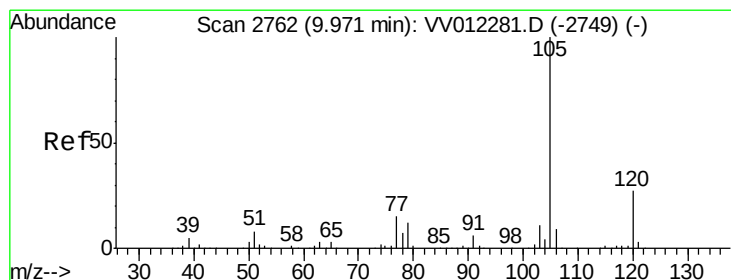
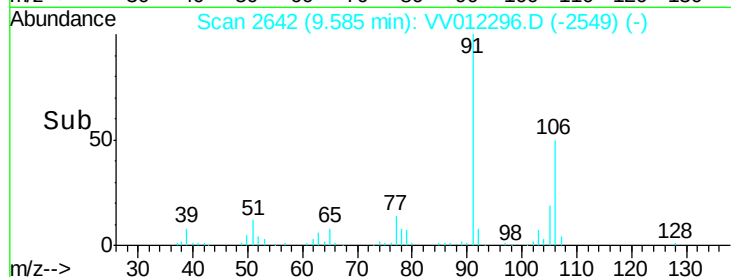
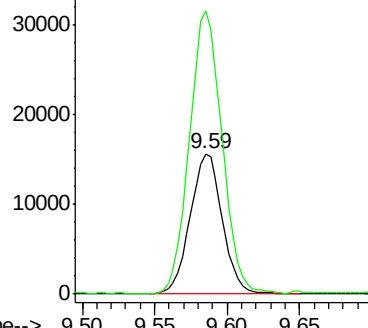
Instrument :
MSVOA_V
ClientSampled :
C0AD4

Tot Ion:106 Resp: 24004
Ion Ratio Lower Upper
106 100
91 201.4 148.7 276.1



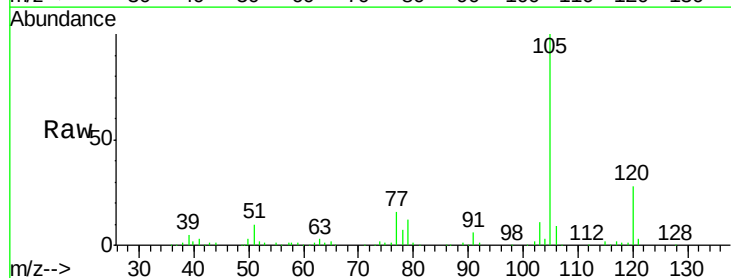
Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0



#56
Isopropylbenzene
Concen: 1.026 ug/L
RT: 9.97 min Scan# 2762
Delta R.T. -0.00 min
Lab File: VV012296.D
Acq: 20 Aug 2019 00:04

Tgt Ion:105 Resp: 85944
Ion Ratio Lower Upper
105 100
120 27.3 21.4 32.0
77 16.8 12.2 18.2



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.10 (119.80 to 120.80): V

Ion 77.10 (76.80 to 77.80): VV0

