

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061019\
 Data File : VV011377.D
 Acq On : 11 Jun 2019 06:00
 Operator : SY/MD
 Sample : K3229-12
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9P32

Quant Time: Jun 11 08:32:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jun 11 08:01:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	128919	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	124082	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	52362	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	36369	3.72	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.40%
7) Chloroethane-d5	1.54	69	33286	4.10	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.00%
11) 1,1-Dichloroethene-d2	2.11	63	59357	3.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.80%
20) 2-Butanone-d5	3.94	46	138889	63.15	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	126.30%
24) Chloroform-d	4.39	84	81718	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.00%
26) 1,2-Dichloroethane-d4	5.08	65	48219	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.80%
32) Benzene-d6	5.09	84	159192	4.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.80%
36) 1,2-Dichloropropane-d6	6.11	67	51293	4.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.80%
41) Toluene-d8	7.36	98	137167	4.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.40%
43) trans-1,3-Dichloropropene-	7.66	79	13800	3.17	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	63.40%
46) 2-Hexanone-d5	8.13	63	109337	59.38	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	118.76%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	42411	5.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	51417	4.97	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.40%

Target Compounds

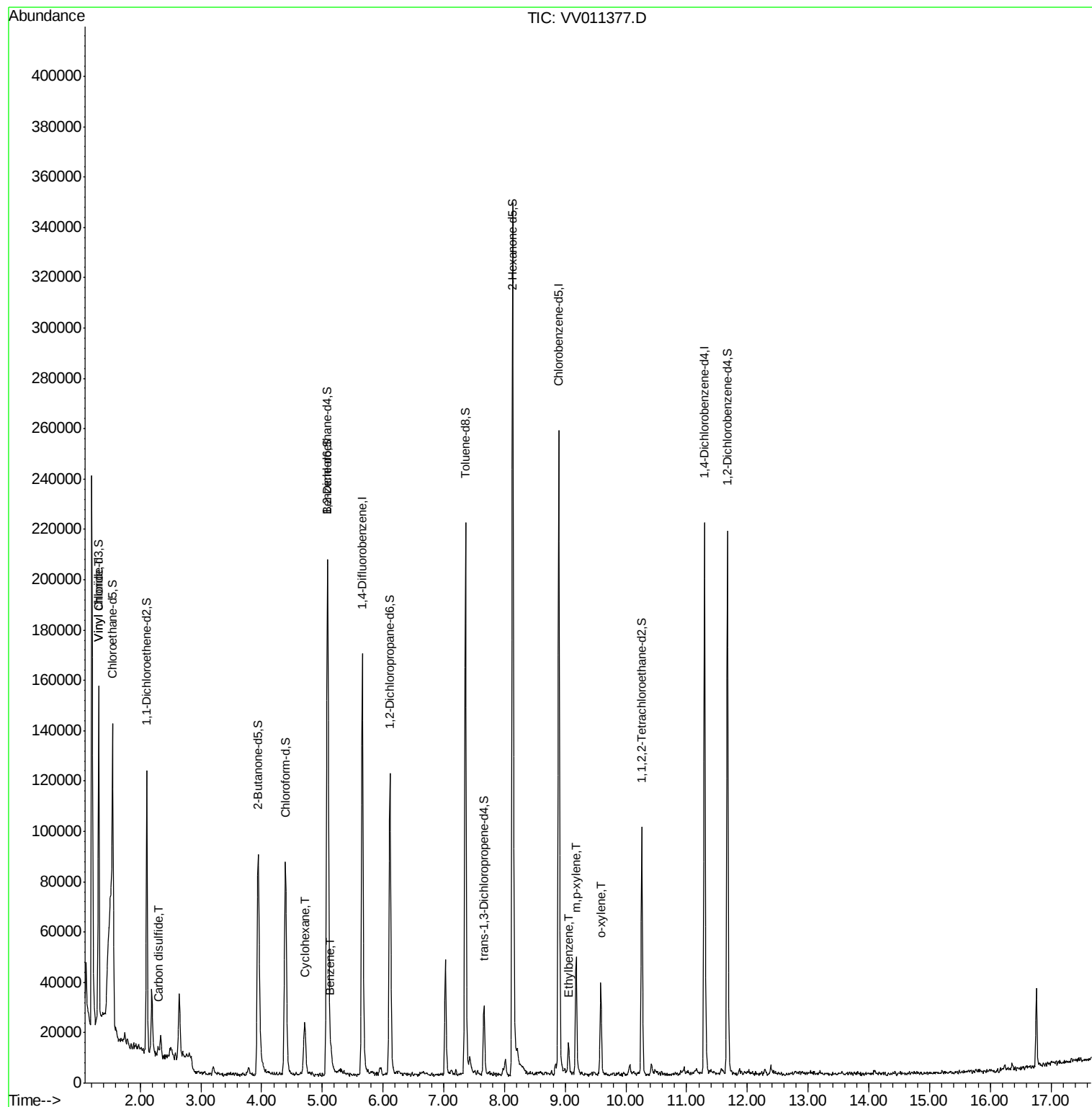
					Ovalue
5) Vinyl chloride	1.32	62	34529	2.911 ug/L #	58
14) Carbon disulfide	2.30	76	4698	0.191 ug/L #	83
30) Cyclohexane	4.71	56	10203	0.581 ug/L	96
33) Benzene	5.14	78	6866	0.174 ug/L	100
52) Ethylbenzene	9.05	91	8109	0.174 ug/L	97
53) m,p-xylene	9.18	106	12104	0.700 ug/L	98
54) o-xylene	9.59	106	8837	0.521 ug/L	99

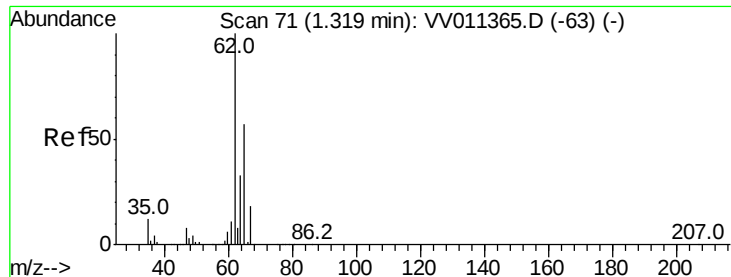
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jun 11 08:01:21 2019
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 2.911 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VV011377.D

Acq: 11 Jun 2019 06:00

Instrument :

MSVOA_V

ClientSampleId :

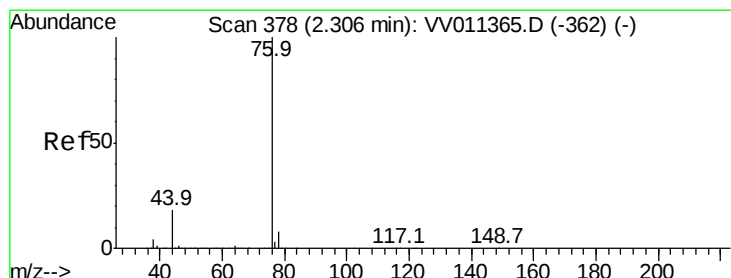
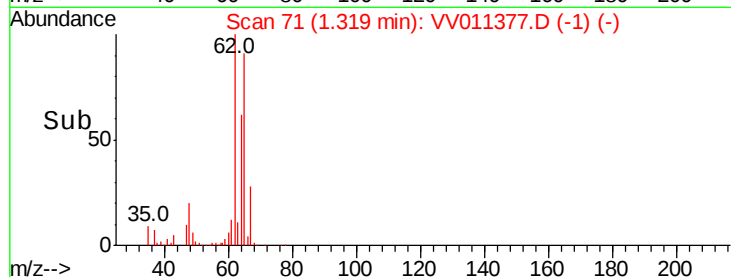
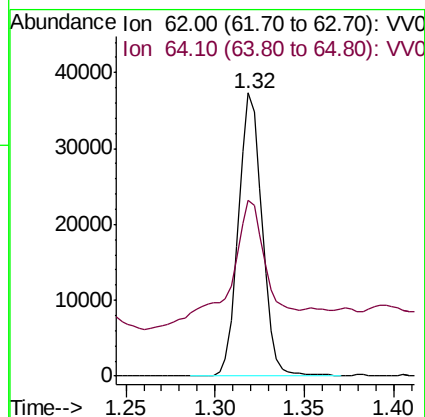
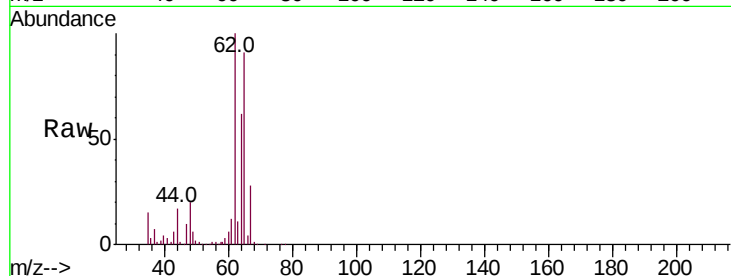
F9P32

Tot Ion: 62 Resp: 34529

Ion Ratio Lower Upper

62 100

64 62.1 25.9 48.1#



#14

Carbon disulfide

Concen: 0.191 ug/L

RT: 2.30 min Scan# 376

Delta R.T. -0.01 min

Lab File: VV011377.D

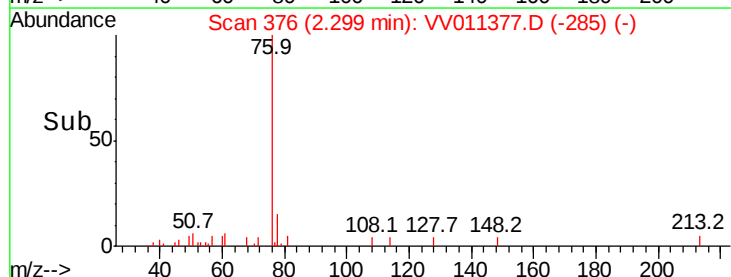
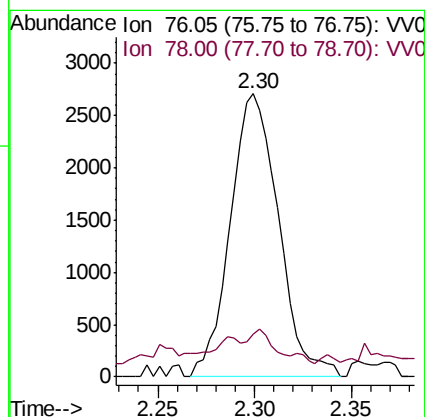
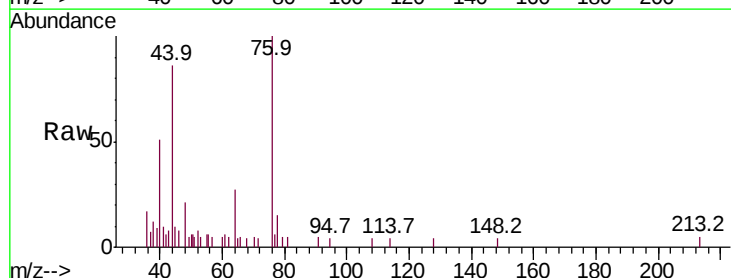
Acq: 11 Jun 2019 06:00

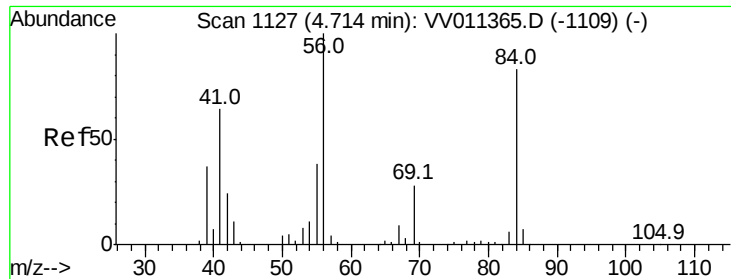
Tgt Ion: 76 Resp: 4698

Ion Ratio Lower Upper

76 100

78 15.1 7.3 10.9#

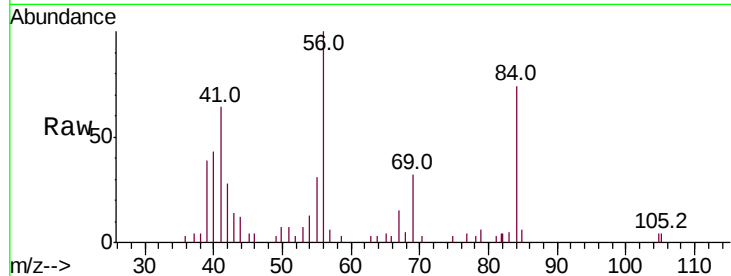




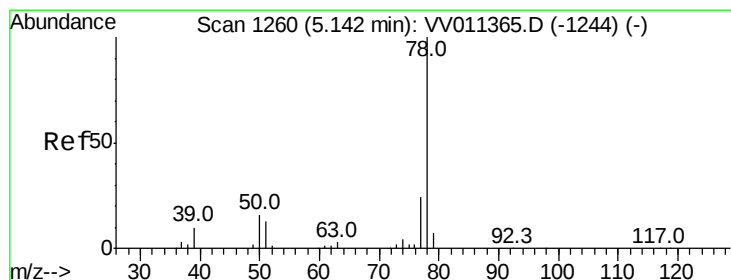
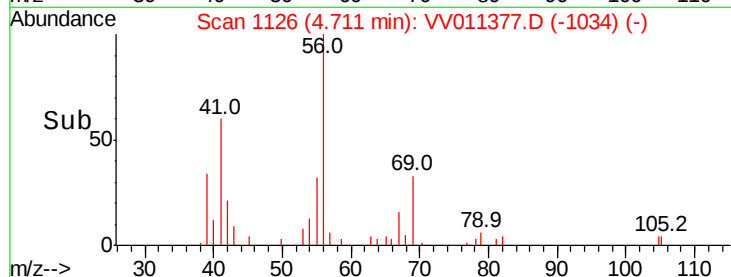
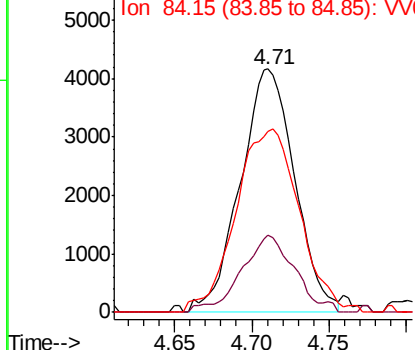
#30
Cyclohexane
Concen: 0.581 ug/L
RT: 4.71 min Scan# 1126
Delta R.T. -0.00 min
Lab File: VV011377.D
Acq: 11 Jun 2019 06:00

Instrument :
MSVOA_V
ClientSampled :
F9P32

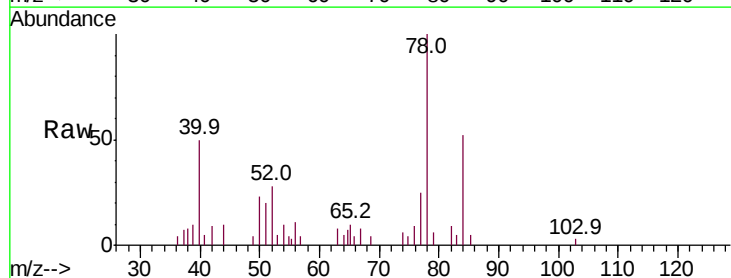
Tot Ion: 56 Resp: 10203
Ion Ratio Lower Upper
56 100
69 31.1 24.1 36.1
84 87.6 66.4 99.6



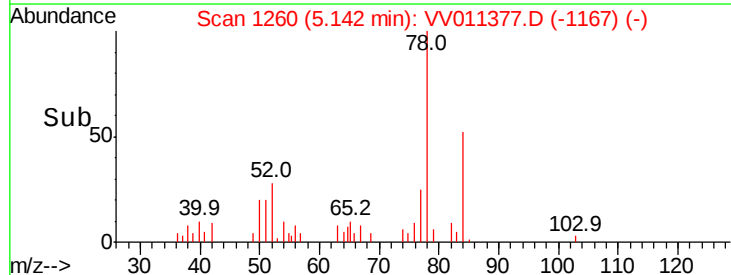
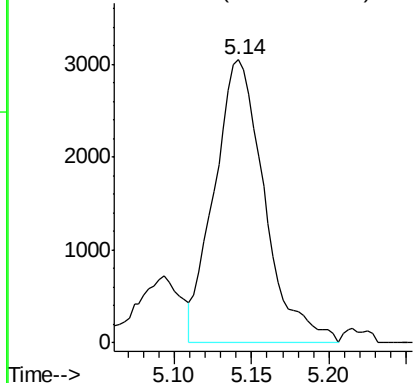
Abundance Ion 56.10 (55.80 to 56.80): VV0
Ion 69.15 (68.85 to 69.85): VV0
Ion 84.15 (83.85 to 84.85): VV0

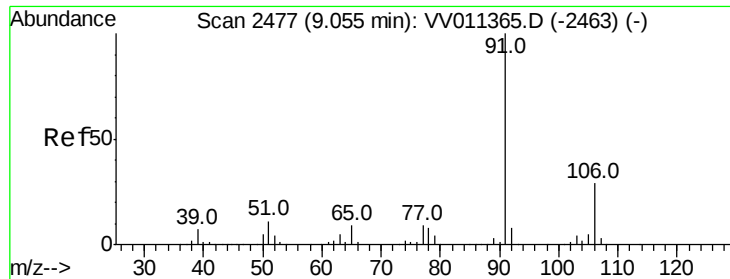


#33
Benzene
Concen: 0.174 ug/L
RT: 5.14 min Scan# 1260
Delta R.T. -0.00 min
Lab File: VV011377.D
Acq: 11 Jun 2019 06:00
Tgt Ion: 78 Resp: 6866



Abundance Ion 78.10 (77.80 to 78.80): VV0





#52

Ethylbenzene

Concen: 0.174 ug/L

RT: 9.05 min Scan# 2477

Delta R.T. -0.00 min

Lab File: VV011377.D

Acq: 11 Jun 2019 06:00

Instrument :

MSVOA_V

ClientSampled :

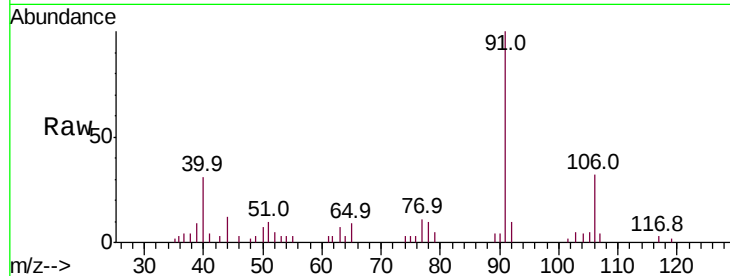
F9P32

Tot Ion: 91 Resp: 8109

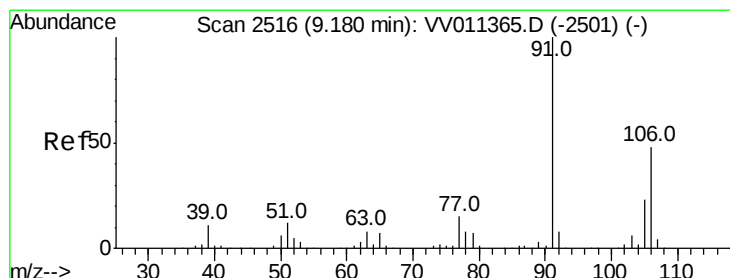
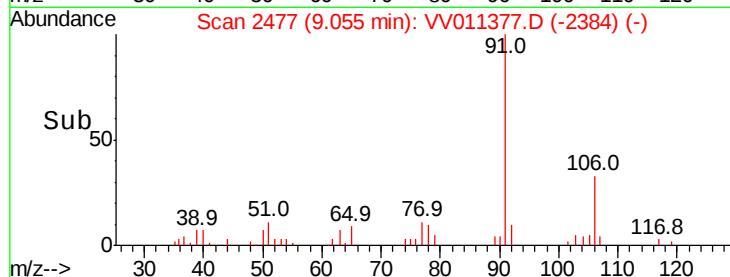
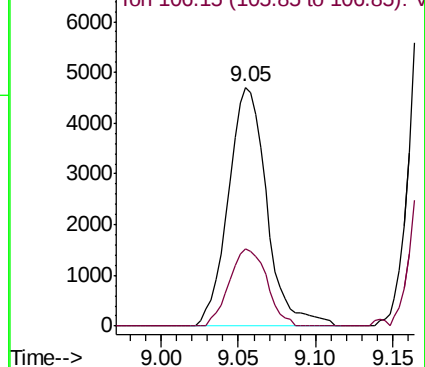
Ion Ratio Lower Upper

91 100

106 32.2 21.5 39.9



Abundance Ion 91.15 (90.85 to 91.85): VV011365.D (-2463) (-)



#53

m,p-xylene

Concen: 0.700 ug/L

RT: 9.18 min Scan# 2516

Delta R.T. -0.00 min

Lab File: VV011377.D

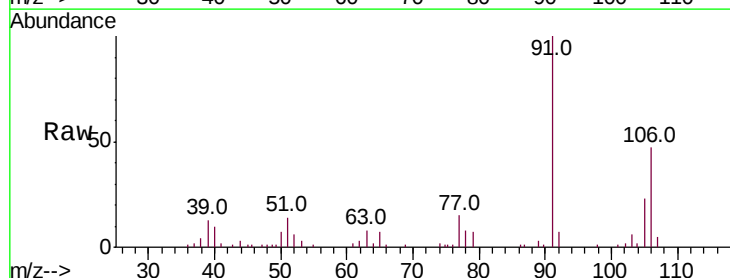
Acq: 11 Jun 2019 06:00

Tgt Ion: 106 Resp: 12104

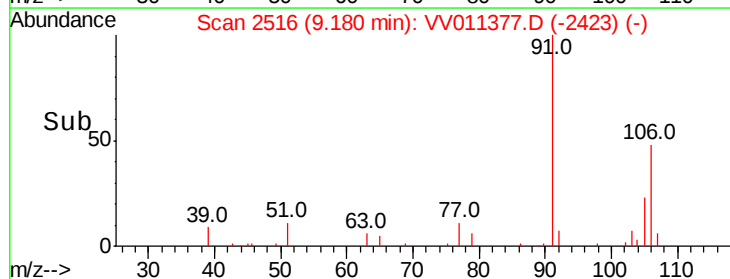
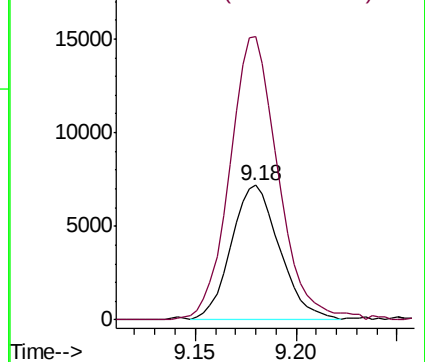
Ion Ratio Lower Upper

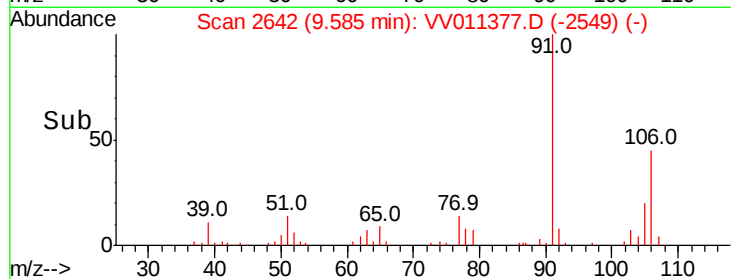
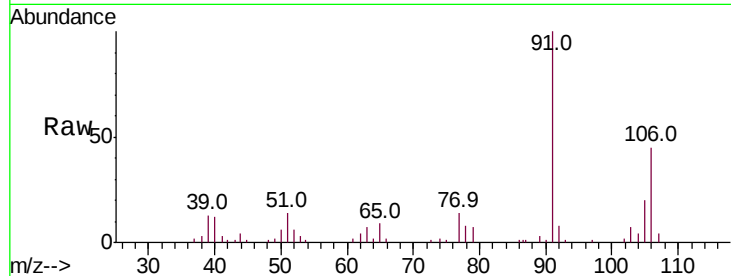
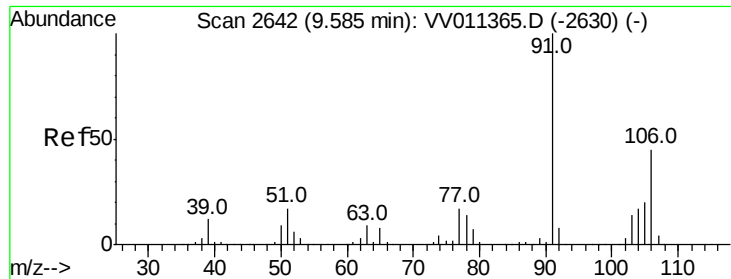
106 100

91 210.7 145.5 270.3



Abundance Ion 106.15 (105.85 to 106.85): VV011365.D (-2501) (-)





#54

o-xylene

Concen: 0.521 ug/L

RT: 9.59 min Scan# 2642

Delta R.T. -0.00 min

Lab File: VV011377.D

Acq: 11 Jun 2019 06:00

Instrument :

MSVOA_V

ClientSampleId :

F9P32

Tot Ion:106 Resp: 8837

Ion Ratio Lower Upper

106 100

91 224.0 155.4 288.6

