

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV053120\
 Data File : VV016377.D
 Acq On : 31 May 2020 10:13
 Operator : SY/MD
 Sample : L2662-16 20X
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9B27

Quant Time: Jun 01 07:30:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR053020WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Jun 01 07:14:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	76958	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	73821	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	37989	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	29716	4.41	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.20%
7) Chloroethane-d5	1.58	69	23153	4.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.40%
11) 1,1-Dichloroethene-d2	2.12	63	41751	3.54	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.80%
20) 2-Butanone-d5	3.97	46	61489	42.30	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.60%
24) Chloroform-d	4.38	84	53824	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.40%
26) 1,2-Dichloroethane-d4	5.06	65	29334	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.80%
32) Benzene-d6	5.07	84	105712	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.80%
36) 1,2-Dichloropropane-d6	6.10	67	31708	4.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.00%
41) Toluene-d8	7.34	98	90001	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.80%
45) trans-1,3-Dichloropropene-	7.65	79	10785	4.61	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.20%
48) 2-Hexanone-d5	8.12	63	52552	48.35	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.70%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	21779	4.76	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.20%
65) 1,2-Dichlorobenzene-d4	11.65	152	34454	4.88	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.60%

Target Compounds

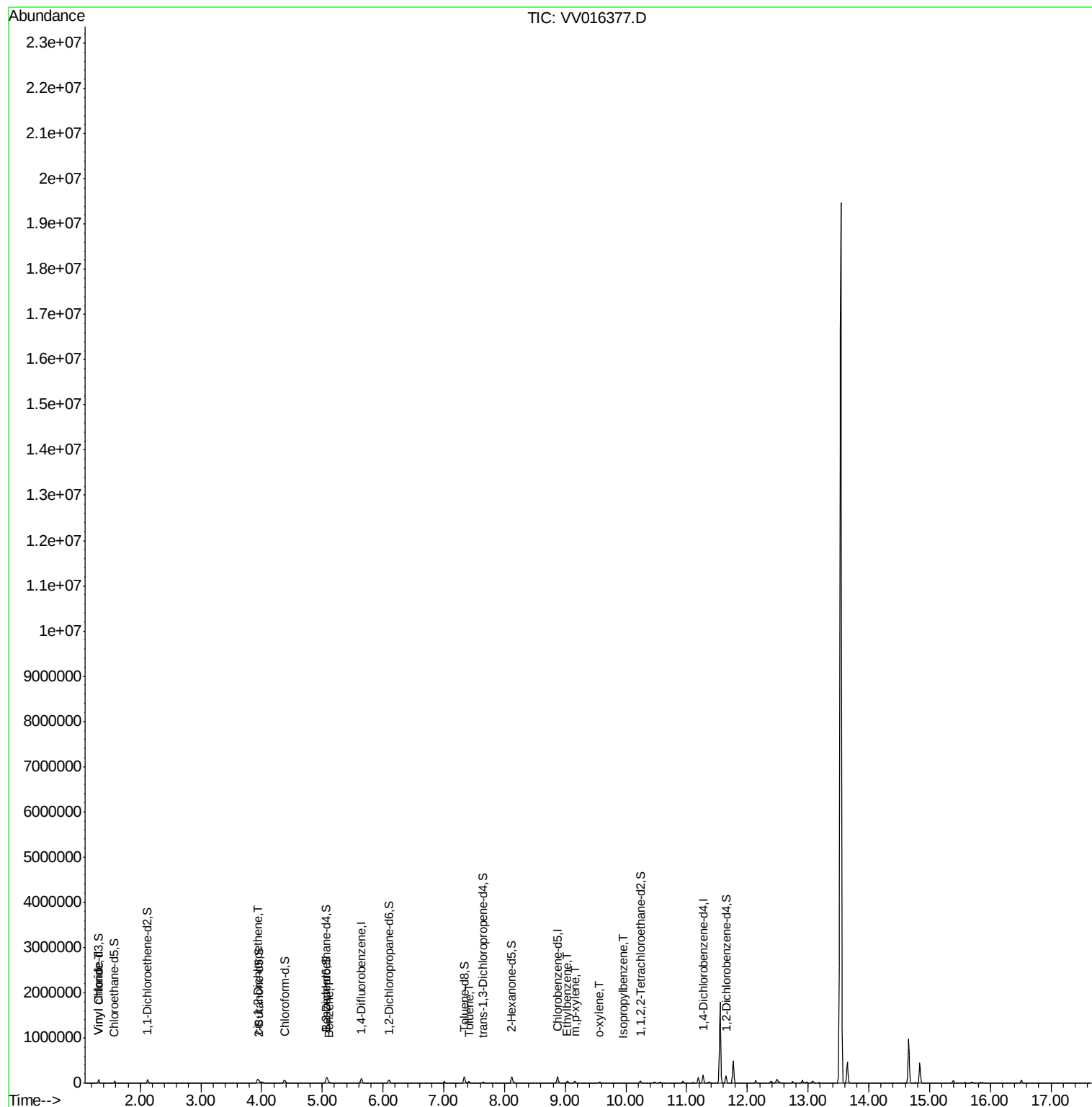
					Ovalue
5) Vinyl chloride	1.32	62	18518	2.697 ug/L	98
22) cis-1,2-Dichloroethene	3.94	96	40374	6.958 ug/L	99
33) Benzene	5.13	78	9295	0.425 ug/L	100
42) Toluene	7.41	91	21378	0.920 ug/L	97
54) Ethylbenzene	9.04	91	31075	1.213 ug/L	95
55) m,p-xylene	9.16	106	12753	1.330 ug/L	98
56) o-xylene	9.57	106	7581	0.839 ug/L	92
58) Isopropylbenzene	9.95	105	2918	0.119 ug/L	95

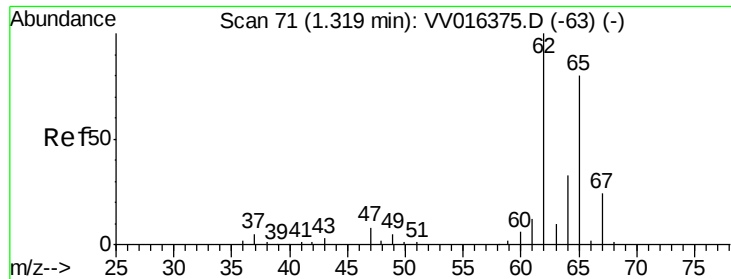
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Jun 01 07:14:30 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 2.697 ug/L

RT: 1.32 min Scan# 72

Delta R.T. 0.00 min

Lab File: VV016377.D

Acq: 31 May 2020 10:13

Instrument :

MSVOA_V

ClientSampleId :

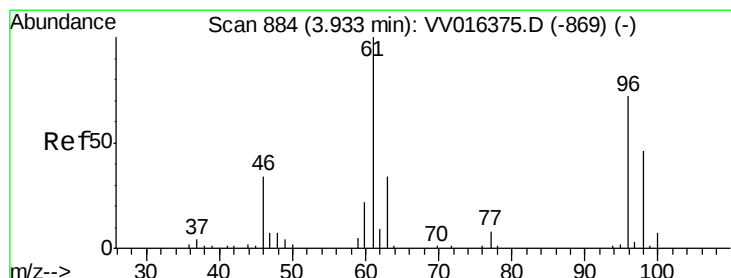
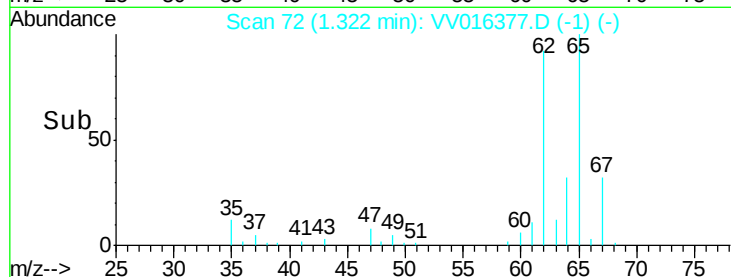
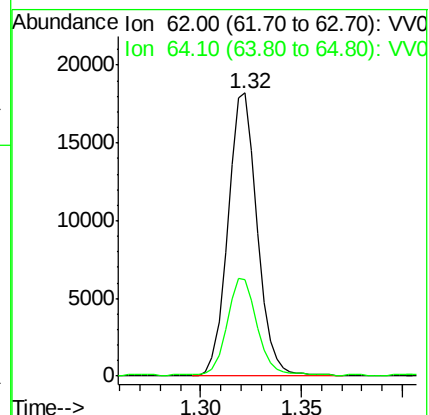
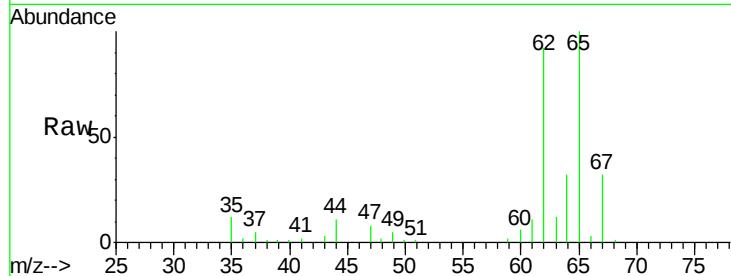
F9B27

Tot Ion: 62 Resp: 18518

Ion Ratio Lower Upper

62 100

64 34.3 23.1 42.9



#22

cis-1,2-Dichloroethene

Concen: 6.958 ug/L

RT: 3.94 min Scan# 885

Delta R.T. 0.00 min

Lab File: VV016377.D

Acq: 31 May 2020 10:13

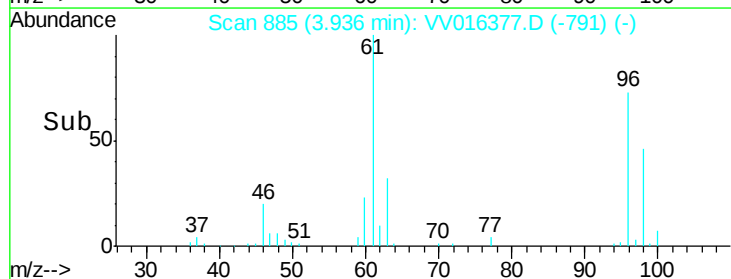
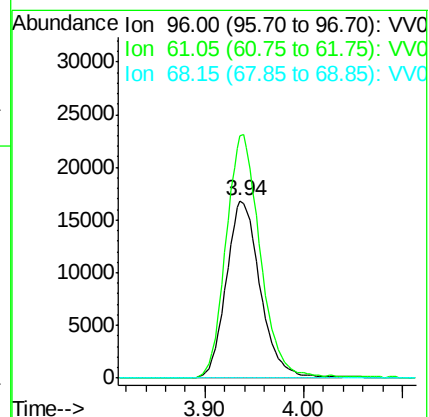
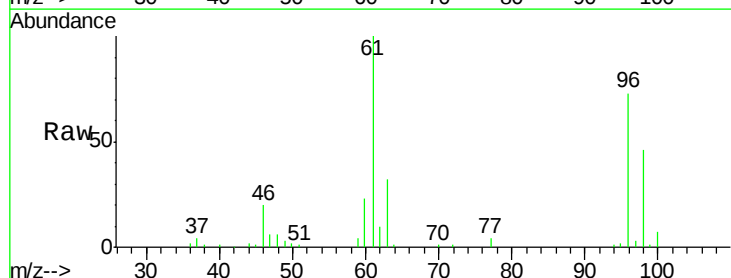
Tgt Ion: 96 Resp: 40374

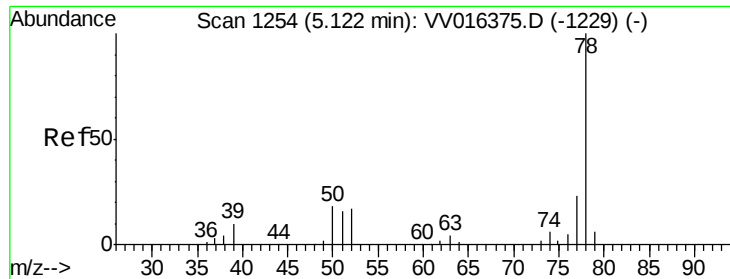
Ion Ratio Lower Upper

96 100

61 136.7 94.8 176.0

68 0.0 0.0 0.0





#33

Benzene

Concen: 0.425 ug/L

RT: 5.13 min Scan# 1255

Delta R.T. 0.00 min

Lab File: VV016377.D

Acq: 31 May 2020 10:13

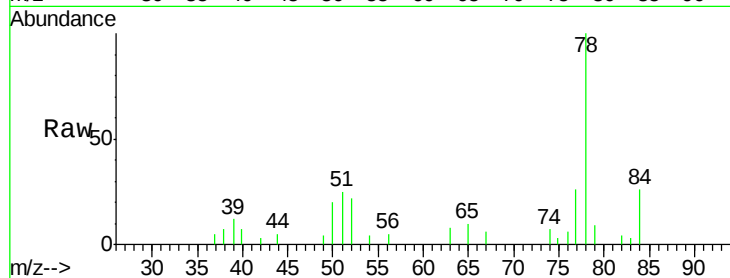
Instrument :

MSVOA_V

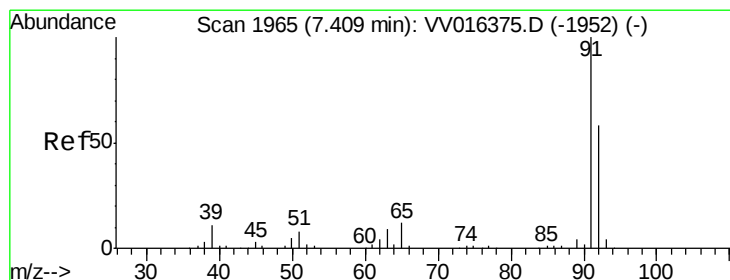
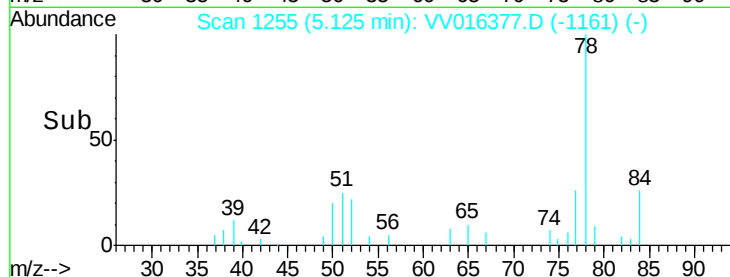
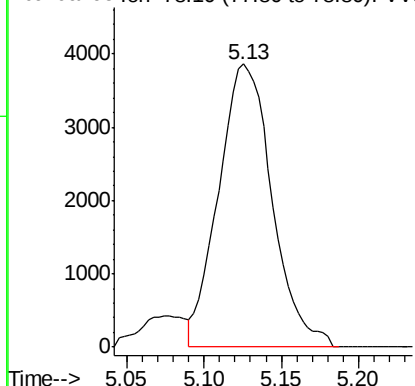
ClientSampleId :

F9B27

Tgt Ion: 78 Resp: 9295



Abundance Ion 78.10 (77.80 to 78.80): VV0



#42

Toluene

Concen: 0.920 ug/L

RT: 7.41 min Scan# 1966

Delta R.T. 0.00 min

Lab File: VV016377.D

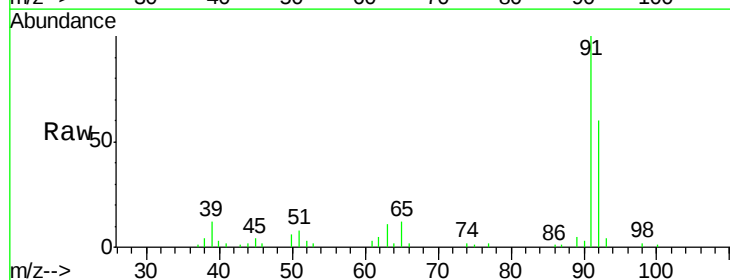
Acq: 31 May 2020 10:13

Tgt Ion: 91 Resp: 21378

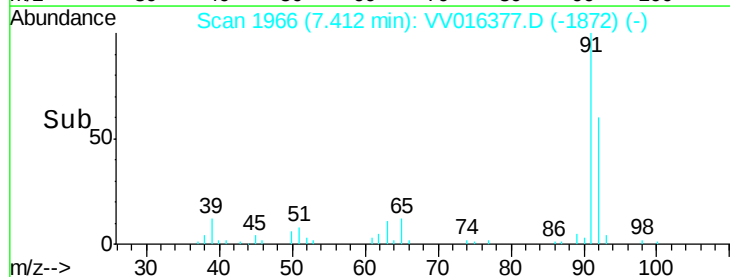
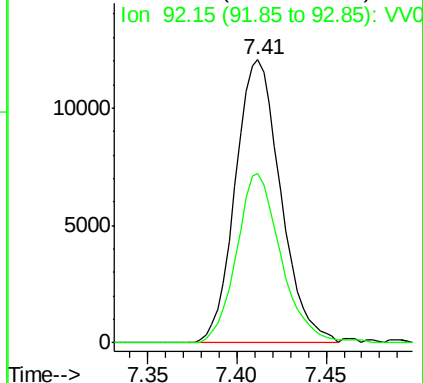
Ion Ratio Lower Upper

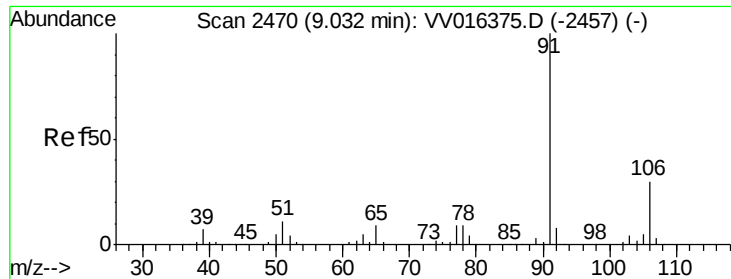
91 100

92 60.0 40.5 75.1



Abundance Ion 91.15 (90.85 to 91.85): VV0





#54

Ethylbenzene

Concen: 1.213 ug/L

RT: 9.04 min Scan# 2471

Delta R.T. 0.00 min

Lab File: VV016377.D

Acq: 31 May 2020 10:13

Instrument :

MSVOA_V

ClientSampleId :

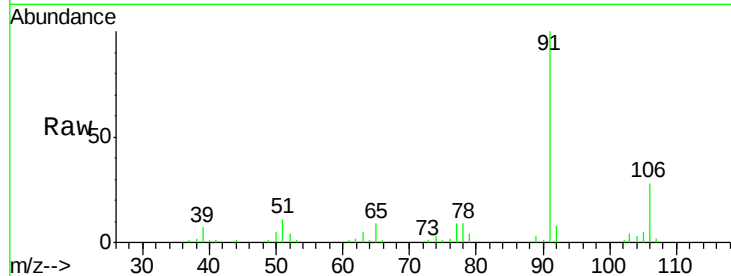
F9B27

Tot Ion: 91 Resp: 31075

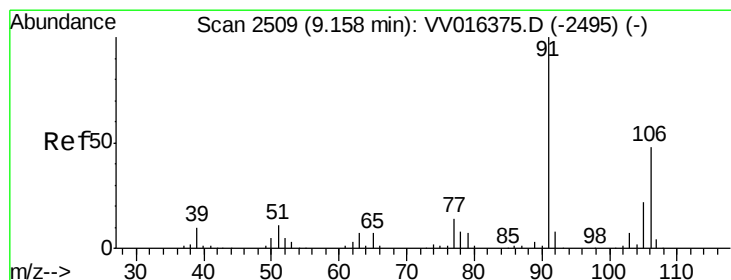
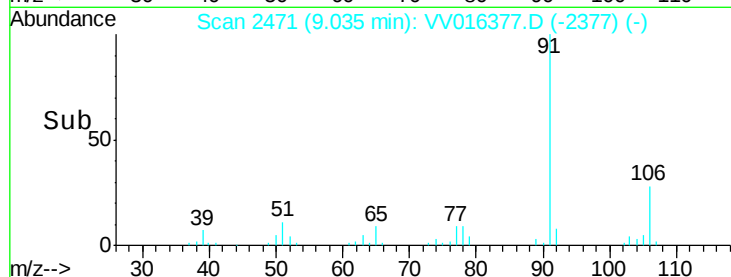
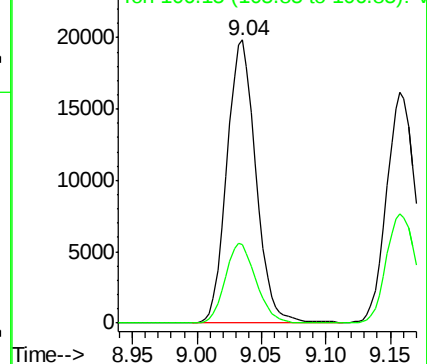
Ion Ratio Lower Upper

91 100

106 27.6 21.4 39.8



Abundance Ion 91.15 (90.85 to 91.85): VV016377.D (-2377) (-)



#55

m,p-xylene

Concen: 1.330 ug/L

RT: 9.16 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VV016377.D

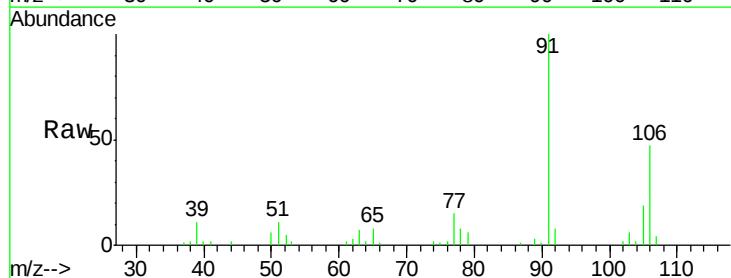
Acq: 31 May 2020 10:13

Tgt Ion: 106 Resp: 12753

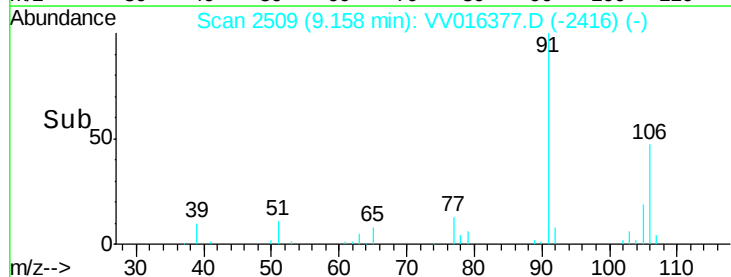
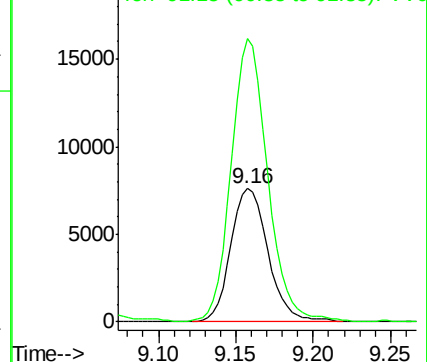
Ion Ratio Lower Upper

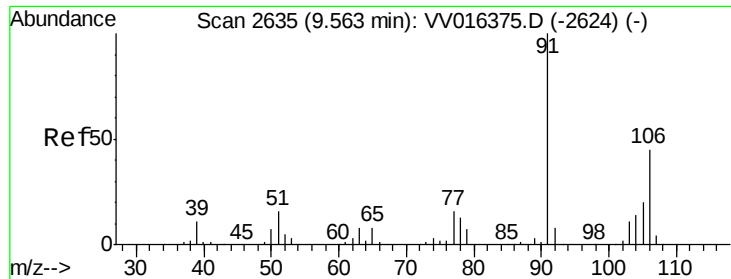
106 100

91 212.2 146.6 272.2



Abundance Ion 106.15 (105.85 to 106.85): VV016377.D (-2416) (-)

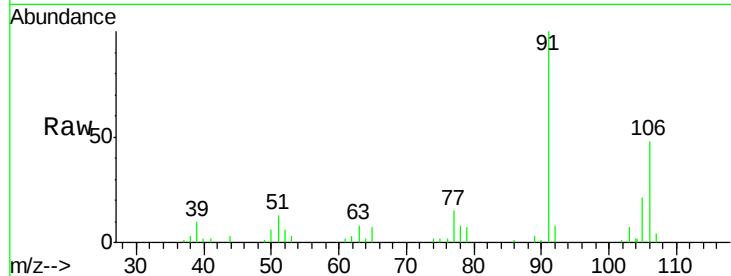




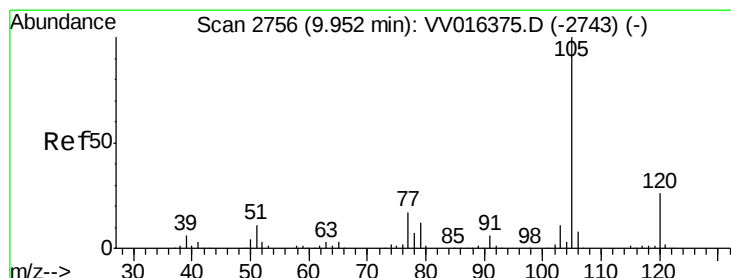
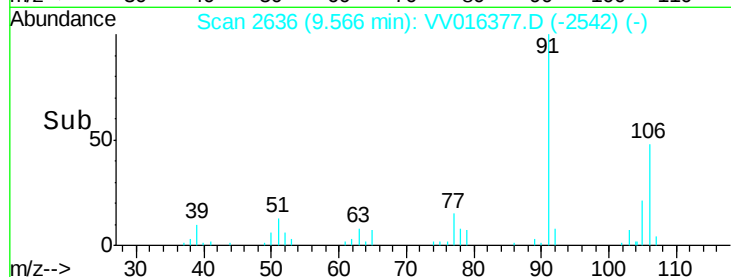
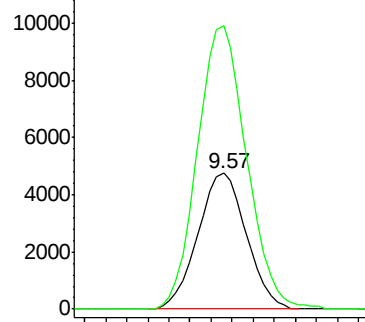
#56
o-xylene
Concen: 0.839 ug/L
RT: 9.57 min Scan# 2636
Delta R.T. 0.00 min
Lab File: VV016377.D
Acq: 31 May 2020 10:13

Instrument :
MSVOA_V
ClientSampled :
F9B27

Tot Ion:106 Resp: 7581
Ion Ratio Lower Upper
106 100
91 208.5 155.2 288.2

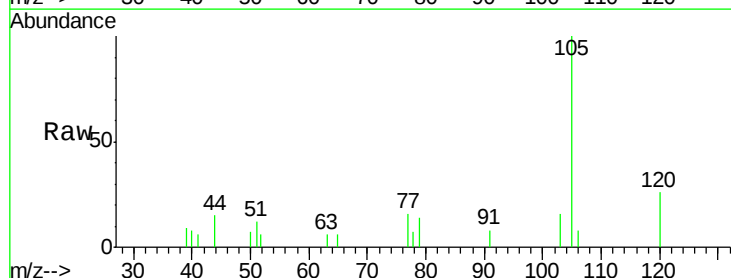


Abundance Ion 106.15 (105.85 to 106.85): V
Ion 91.15 (90.85 to 91.85): VV0



#58
Isopropylbenzene
Concen: 0.119 ug/L
RT: 9.95 min Scan# 2757
Delta R.T. 0.00 min
Lab File: VV016377.D
Acq: 31 May 2020 10:13

Tgt Ion:105 Resp: 2918
Ion Ratio Lower Upper
105 100
120 22.7 20.7 31.1
77 15.5 13.4 20.2



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

