

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052220\
 Data File : VV016174.D
 Acq On : 22 May 2020 16:37
 Operator : SY/MD
 Sample : L2725-11DL 5X
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9B22DL

Quant Time: May 25 01:13:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat May 23 05:08:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.65	114	126565	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	124529	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	64648	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	42317	6.16	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	123.20%
7) Chloroethane-d5	1.58	69	36887	5.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	113.40%
11) 1,1-Dichloroethene-d2	2.13	63	65971	4.47	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.40%
20) 2-Butanone-d5	3.93	46	82293	42.02	ug/L	-0.05
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.04%
24) Chloroform-d	4.38	84	78964	5.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.20%
26) 1,2-Dichloroethane-d4	5.06	65	40765	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.80%
32) Benzene-d6	5.08	84	154968	5.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.60%
36) 1,2-Dichloropropane-d6	6.10	67	46897	5.19	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.80%
41) Toluene-d8	7.34	98	142346	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.60%
45) trans-1,3-Dichloropropene-	7.65	79	15292	4.31	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.20%
48) 2-Hexanone-d5	8.11	63	63257	40.56	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.12%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	29706	4.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.40%
65) 1,2-Dichlorobenzene-d4	11.65	152	54470	5.19	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.80%

Target Compounds

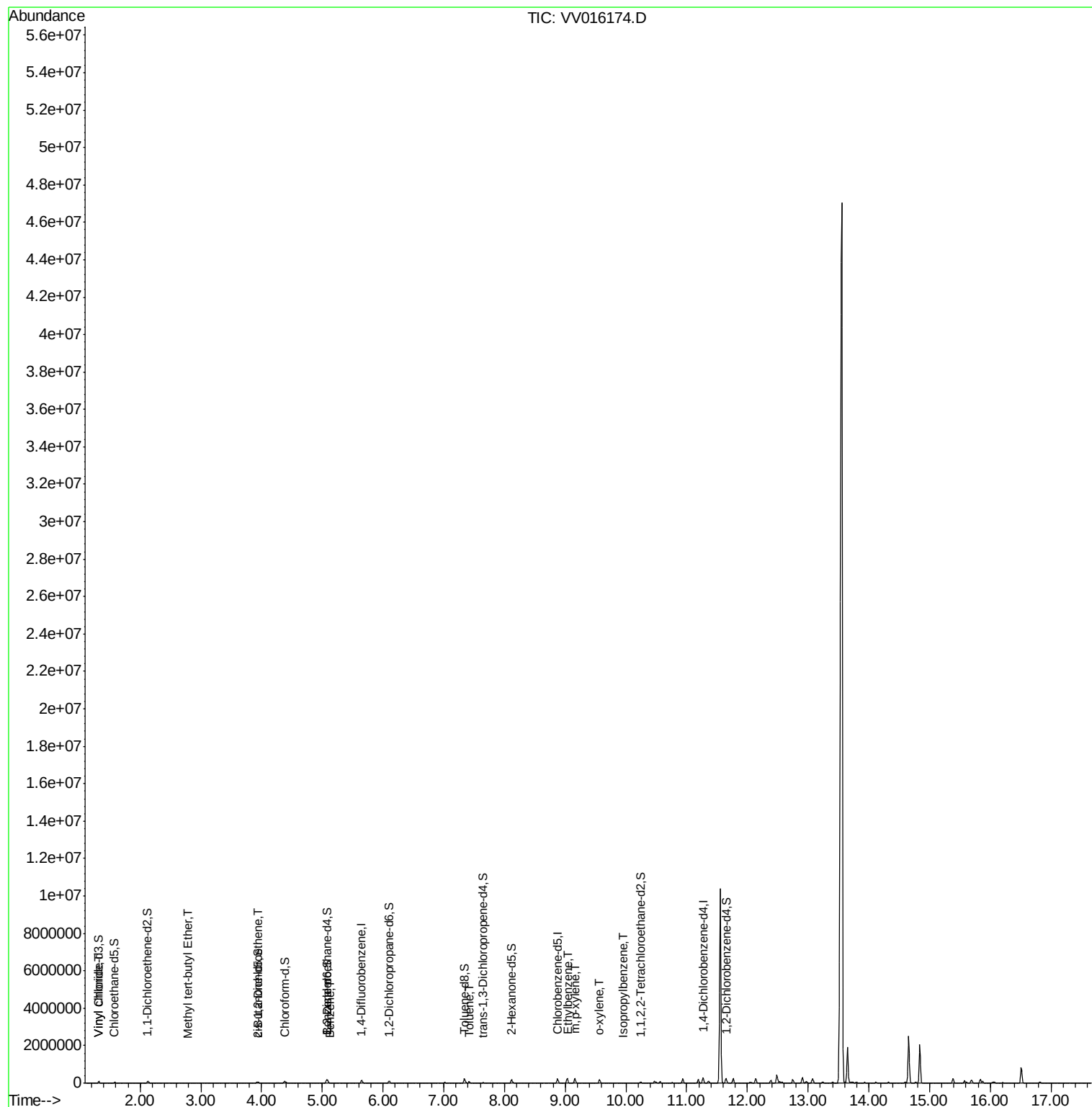
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	13322	1.419	ug/L	87
17) Methyl tert-butyl Ether	2.79	73	3545	0.196	ug/L	95
22) cis-1,2-Dichloroethene	3.95	96	3127	0.388	ug/L	90
33) Benzene	5.13	78	14417	0.460	ug/L	100
42) Toluene	7.41	91	55025	1.657	ug/L	100
54) Ethylbenzene	9.04	91	171655	4.546	ug/L	99
55) m,p-xylene	9.16	106	67903	4.856	ug/L	98
56) o-xylene	9.57	106	44140	3.302	ug/L	96
58) Isopropylbenzene	9.95	105	11093	0.302	ug/L	99

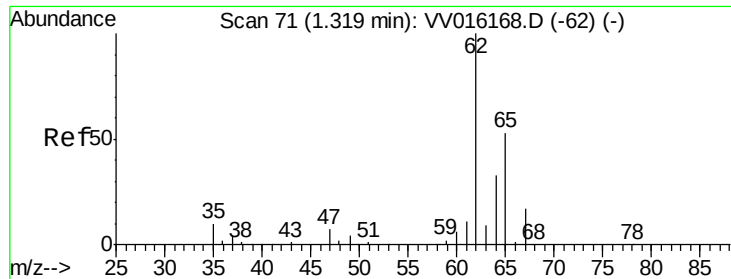
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat May 23 05:08:14 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 1.419 ug/L

RT: 1.32 min Scan# 72

Delta R.T. 0.00 min

Lab File: VV016174.D

Acq: 22 May 2020 16:37

Instrument :

MSVOA_V

ClientSampled :

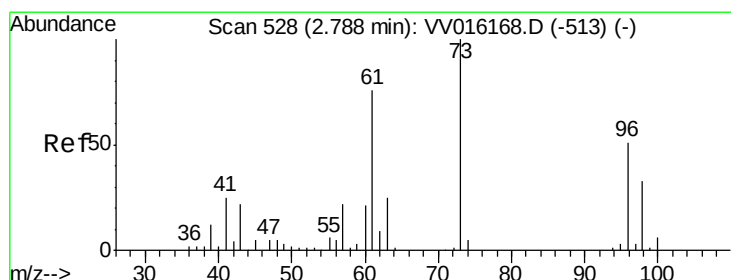
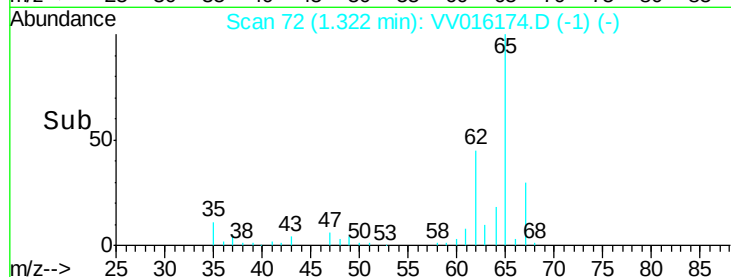
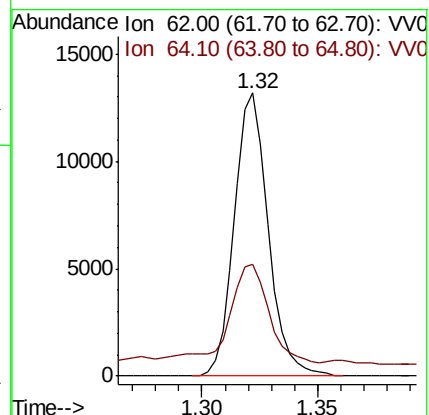
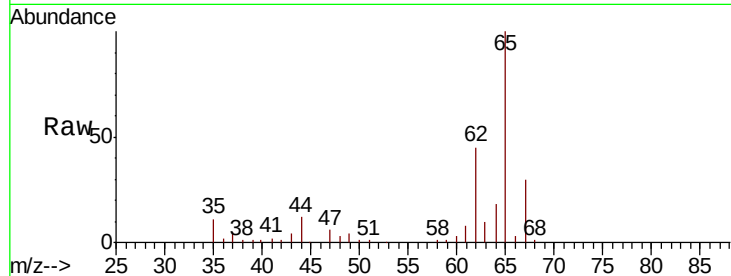
F9B22DL

Tot Ion: 62 Resp: 13322

Ion Ratio Lower Upper

62 100

64 39.4 22.4 41.6



#17

Methyl tert-butyl Ether

Concen: 0.196 ug/L

RT: 2.79 min Scan# 530

Delta R.T. 0.01 min

Lab File: VV016174.D

Acq: 22 May 2020 16:37

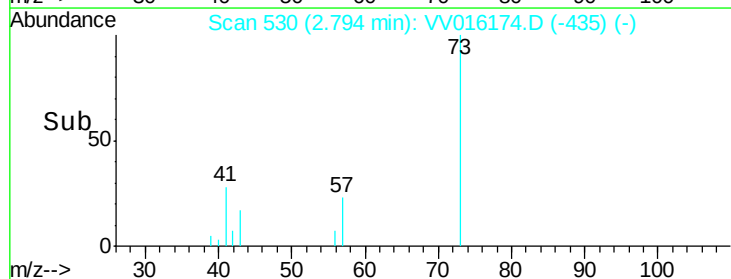
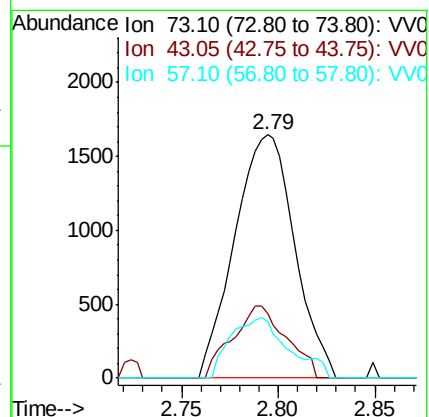
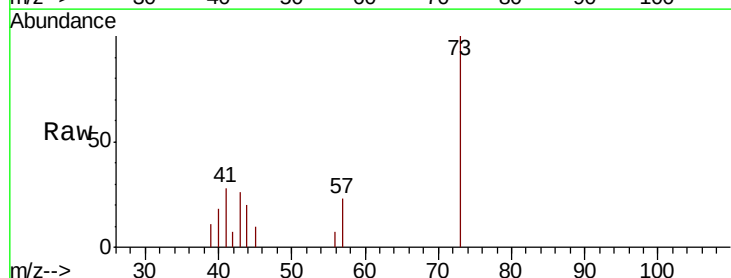
Tgt Ion: 73 Resp: 3545

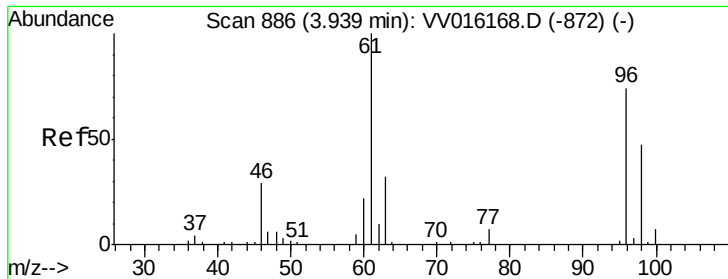
Ion Ratio Lower Upper

73 100

43 26.8 18.8 28.2

57 24.1 17.8 26.6





#22

cis-1,2-Dichloroethene

Concen: 0.388 ug/L

RT: 3.95 min Scan# 888

Delta R.T. 0.01 min

Lab File: VV016174.D

Acq: 22 May 2020 16:37

Instrument :

MSVOA_V

ClientSampleId :

F9B22DL

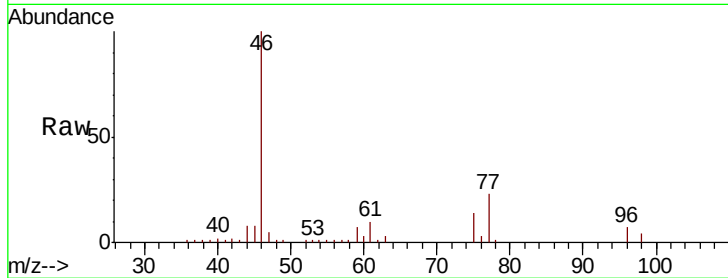
Tot Ion: 96 Resp: 3127

Ion Ratio Lower Upper

96 100

61 151.3 97.2 180.6

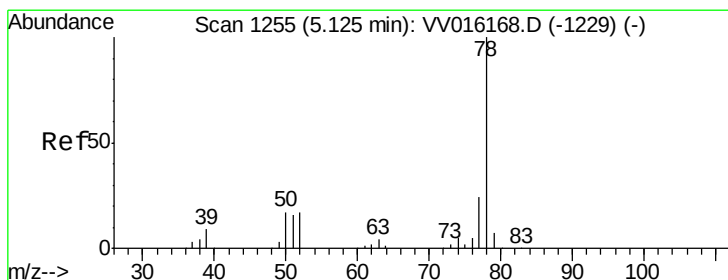
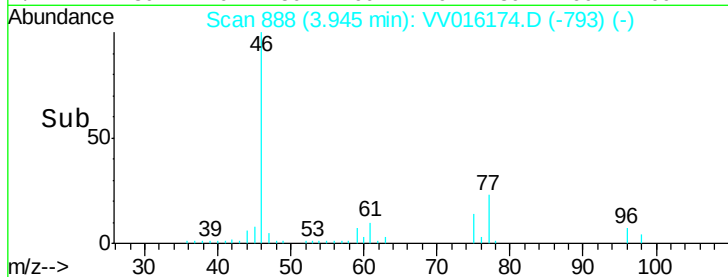
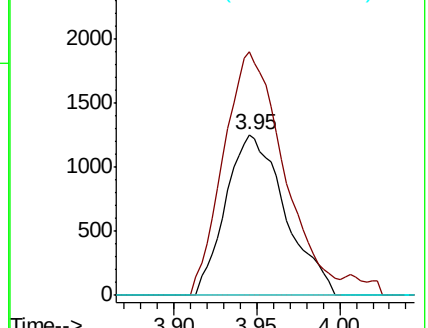
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 68.15 (67.85 to 68.85): VV0



#33

Benzene

Concen: 0.460 ug/L

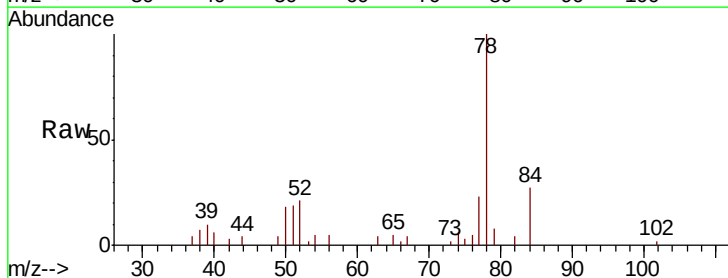
RT: 5.13 min Scan# 1257

Delta R.T. 0.01 min

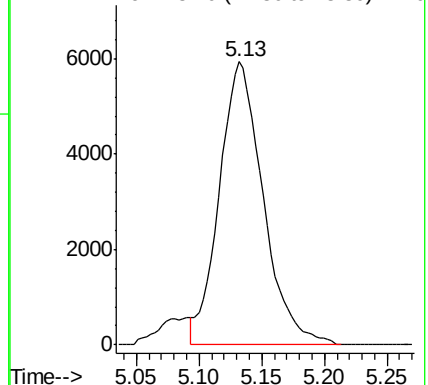
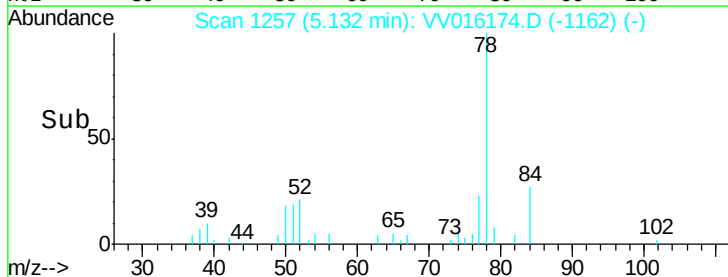
Lab File: VV016174.D

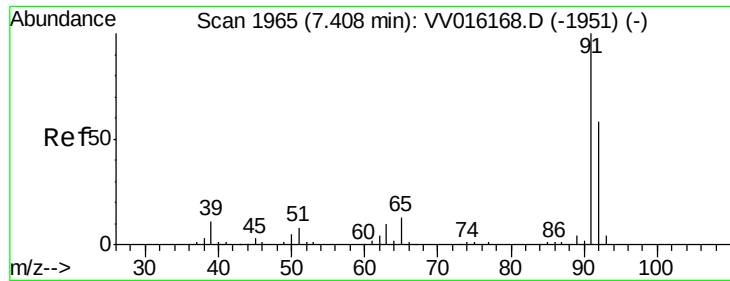
Acq: 22 May 2020 16:37

Tgt Ion: 78 Resp: 14417



Abundance Ion 78.10 (77.80 to 78.80): VV0





#42

Toluene

Concen: 1.657 ug/L

RT: 7.41 min Scan# 1966

Delta R.T. 0.00 min

Lab File: VV016174.D

Acq: 22 May 2020 16:37

Instrument :

MSVOA_V

ClientSampleId :

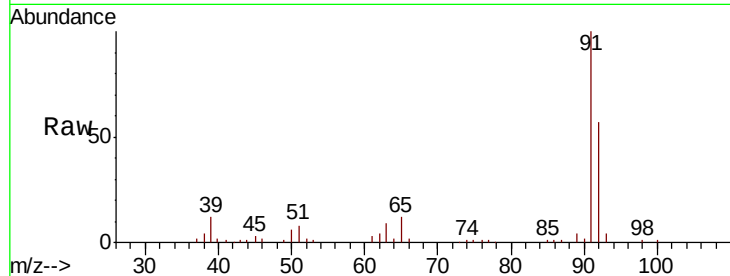
F9B22DL

Tot Ion: 91 Resp: 55025

Ion Ratio Lower Upper

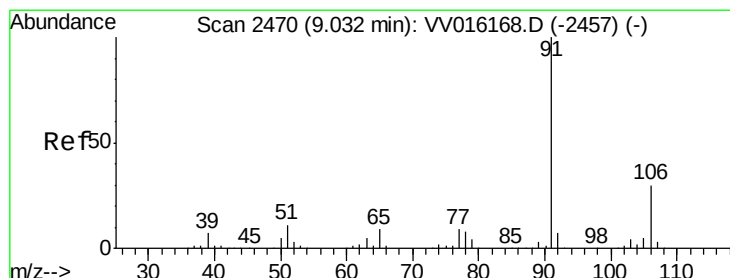
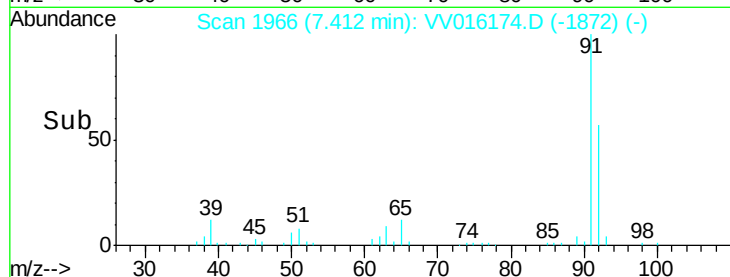
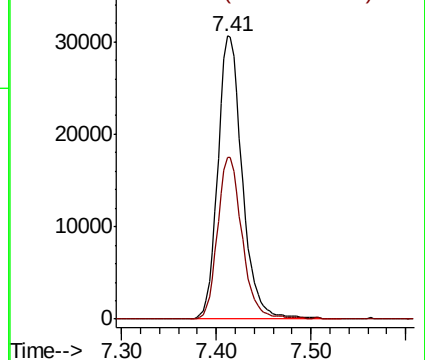
91 100

92 57.4 40.1 74.5



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 92.15 (91.85 to 92.85): VV0



#54

Ethylbenzene

Concen: 4.546 ug/L

RT: 9.04 min Scan# 2471

Delta R.T. 0.00 min

Lab File: VV016174.D

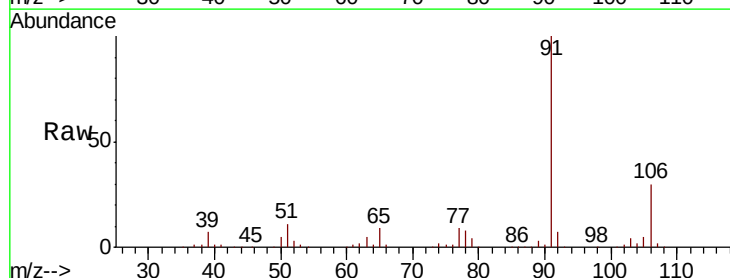
Acq: 22 May 2020 16:37

Tgt Ion: 91 Resp: 171655

Ion Ratio Lower Upper

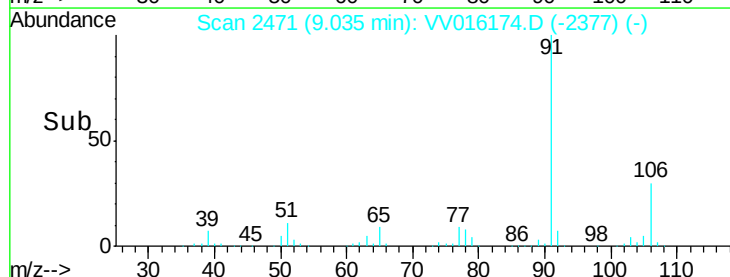
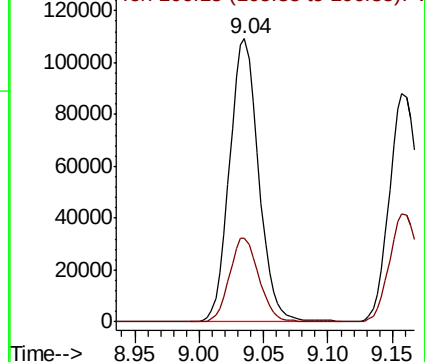
91 100

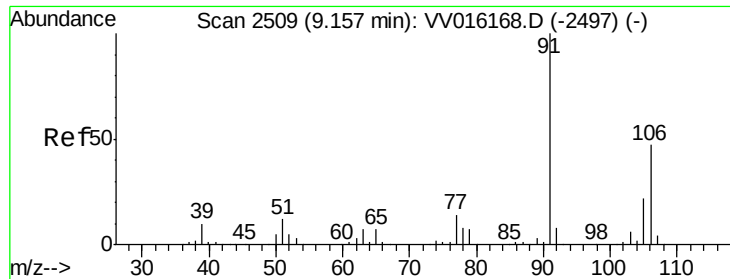
106 29.8 20.6 38.4



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 106.15 (105.85 to 106.85): V





#55

m,p-xylene

Concen: 4.856 ug/L

RT: 9.16 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VV016174.D

Acq: 22 May 2020 16:37

Instrument :

MSVOA_V

ClientSampleId :

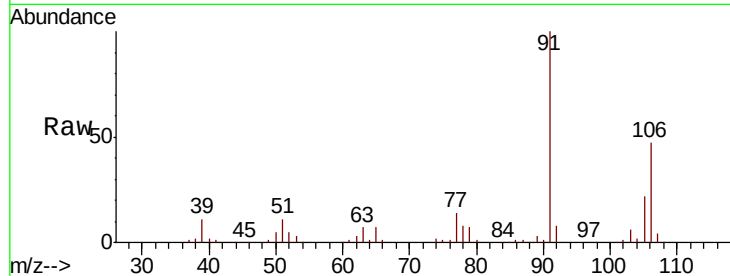
F9B22DL

Tot Ion:106 Resp: 67903

Ion Ratio Lower Upper

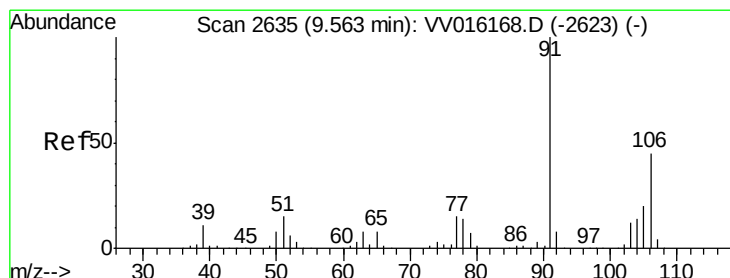
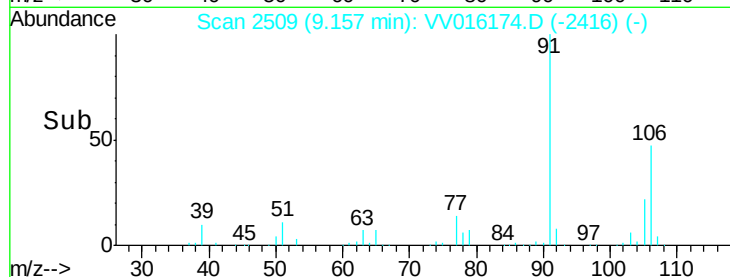
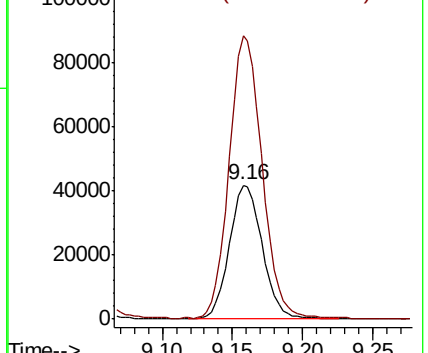
106 100

91 211.1 149.9 278.3



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0



#56

o-xylene

Concen: 3.302 ug/L

RT: 9.57 min Scan# 2636

Delta R.T. 0.00 min

Lab File: VV016174.D

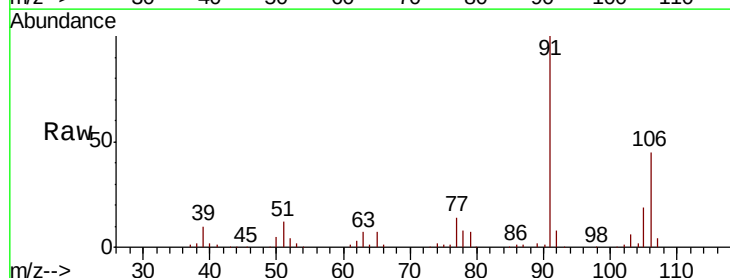
Acq: 22 May 2020 16:37

Tgt Ion:106 Resp: 44140

Ion Ratio Lower Upper

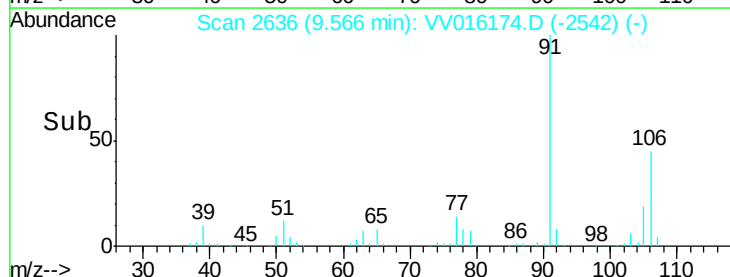
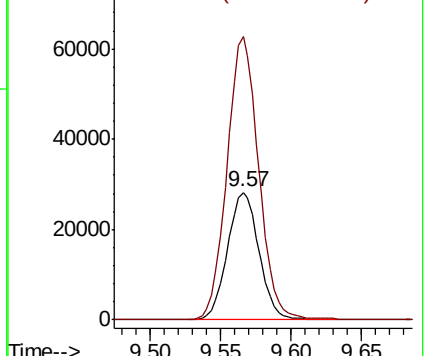
106 100

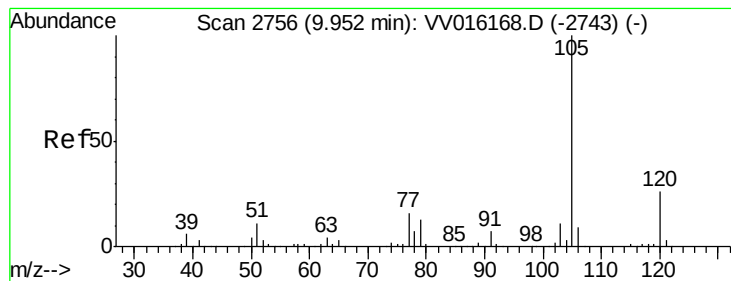
91 221.5 159.7 296.5



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0





#58

Isopropylbenzene

Concen: 0.302 ug/L

RT: 9.95 min Scan# 2757

Delta R.T. 0.00 min

Lab File: VV016174.D

Acq: 22 May 2020 16:37

Instrument :

MSVOA_V

ClientSampleId :

F9B22DL

Tot Ion:105 Resp: 11093

Ion Ratio Lower Upper

105 100

120 26.9 20.8 31.2

77 17.4 14.1 21.1

