

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050120\
 Data File : VV015855.D
 Acq On : 01 May 2020 13:24
 Operator : SY/MD
 Sample : L2431-20 50X
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETKS9

Quant Time: May 02 00:42:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat May 02 00:06:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	120154	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	119154	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	60336	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	32374	5.16	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.20%
7) Chloroethane-d5	1.58	69	29135	4.81	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.20%
11) 1,1-Dichloroethene-d2	2.12	63	47972	3.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.80%
20) 2-Butanone-d5	3.93	46	97666	48.44	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.88%
24) Chloroform-d	4.38	84	64603	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.20%
26) 1,2-Dichloroethane-d4	5.06	65	38896	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.00%
32) Benzene-d6	5.08	84	129009	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.80%
36) 1,2-Dichloropropane-d6	6.10	67	44881	4.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.80%
41) Toluene-d8	7.34	98	115736	4.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.60%
43) trans-1,3-Dichloropropene-	7.64	79	14107	4.01	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.20%
46) 2-Hexanone-d5	8.11	63	69877	40.78	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.56%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	29565	4.37	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.40%
64) 1,2-Dichlorobenzene-d4	11.65	152	45652	4.45	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.00%

Target Compounds

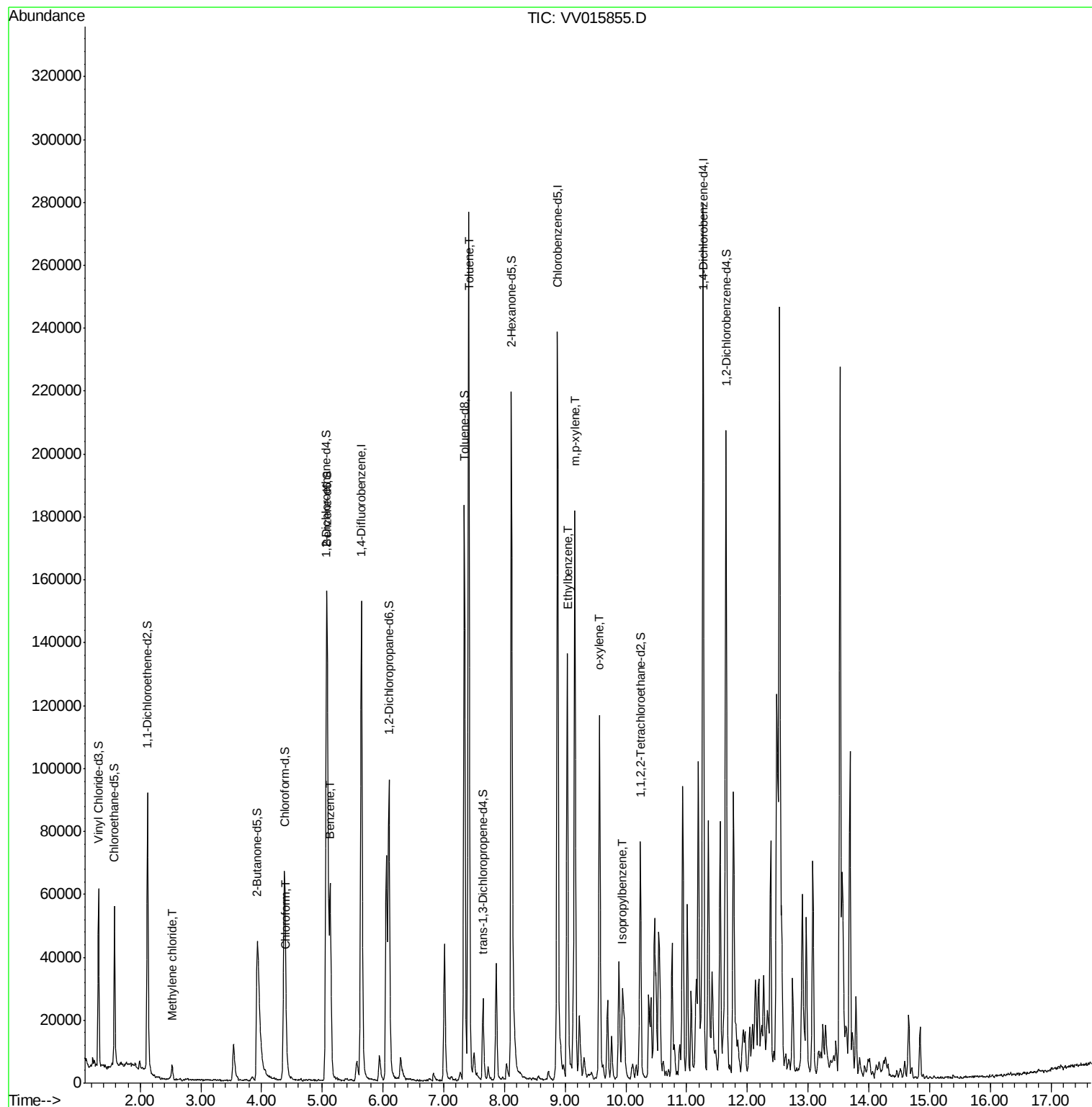
					Ovalue
16) Methylene chloride	2.53	84	1760	0.204 ug/L	95
25) Chloroform	4.41	83	4468	0.274 ug/L	95
33) Benzene	5.13	78	58746	1.726 ug/L	100
42) Toluene	7.41	91	187916	5.166 ug/L	100
52) Ethylbenzene	9.04	91	90689	2.154 ug/L	99
53) m,p-xylene	9.16	106	45850	2.974 ug/L	99
54) o-xylene	9.57	106	27609	1.851 ug/L	96
56) Isopropylbenzene	9.95	105	4876	0.116 ug/L #	88

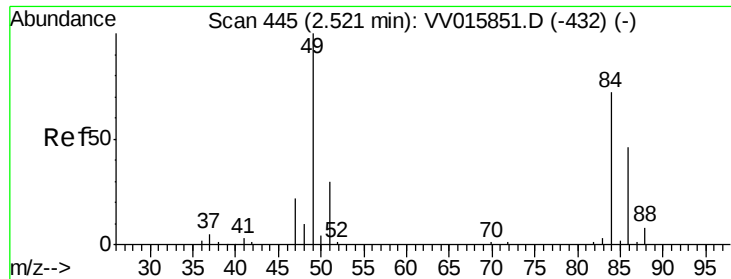
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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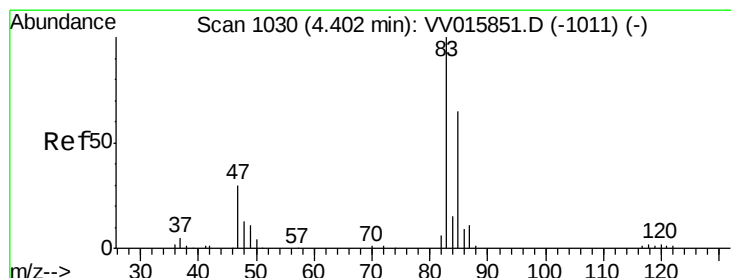
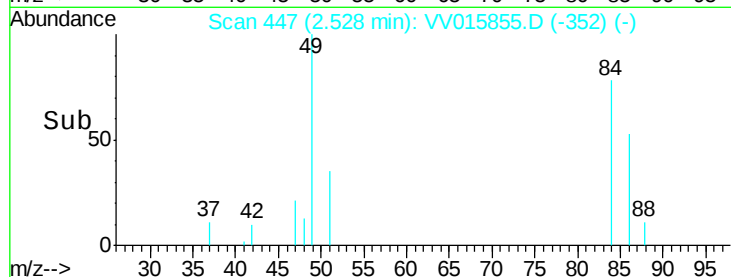
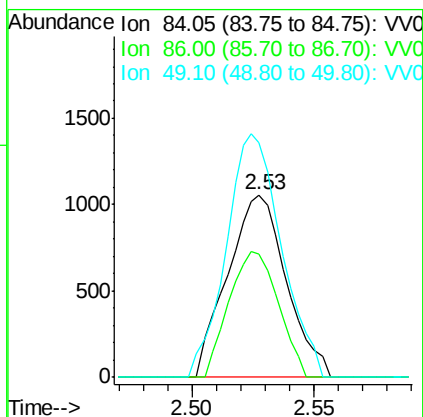
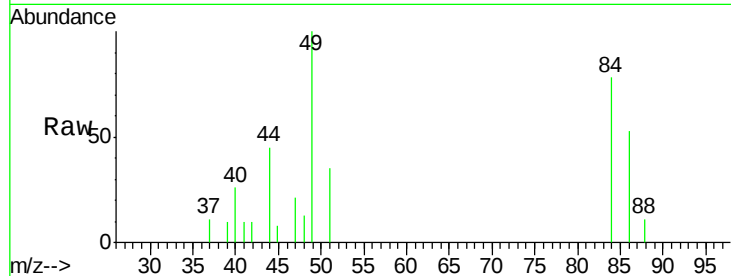




#16
Methvlene chloride
Concen: 0.204 ug/L
RT: 2.53 min Scan# 447
Delta R.T. 0.01 min
Lab File: VV015855.D
Acq: 01 May 2020 13:24

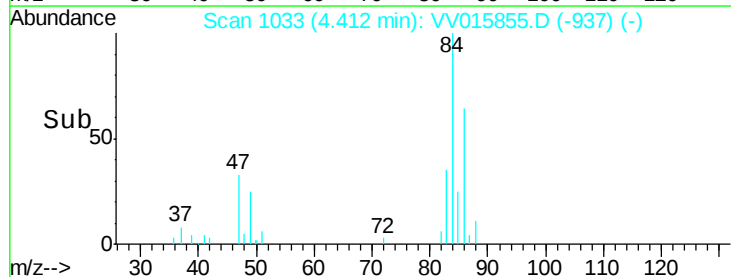
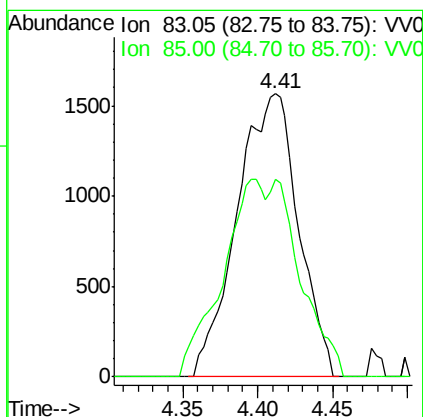
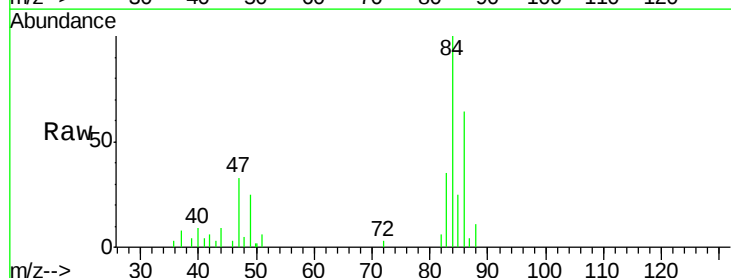
Instrument :
MSVOA_V
ClientSampled :
ETKS9

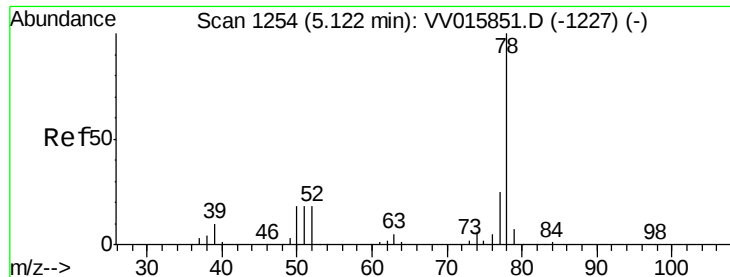
Tot Ion: 84 Resp: 1760
Ion Ratio Lower Upper
84 100
86 67.8 45.1 83.7
49 128.6 94.4 175.4



#25
Chloroform
Concen: 0.274 ug/L
RT: 4.41 min Scan# 1033
Delta R.T. 0.01 min
Lab File: VV015855.D
Acq: 01 May 2020 13:24

Tgt Ion: 83 Resp: 4468
Ion Ratio Lower Upper
83 100
85 69.9 46.1 85.5





#33

Benzene

Concen: 1.726 ug/L

RT: 5.13 min Scan# 1256

Delta R.T. 0.01 min

Lab File: VV015855.D

Acq: 01 May 2020 13:24

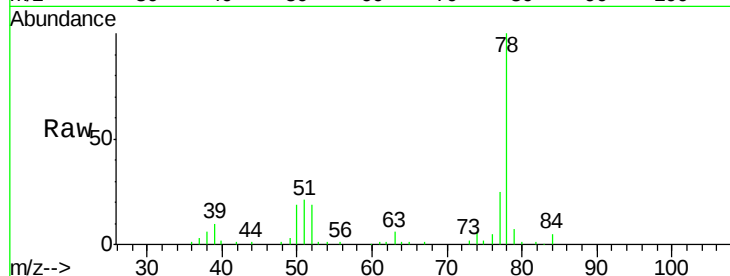
Instrument :

MSVOA_V

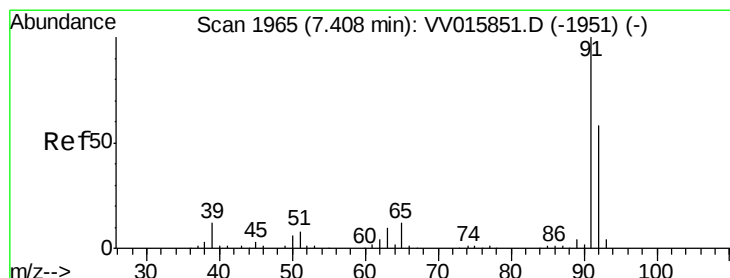
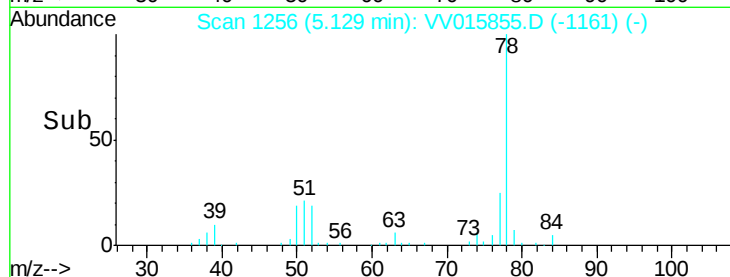
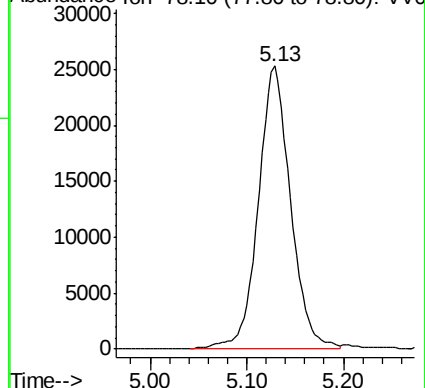
ClientSampleId :

ETKS9

Tgt Ion: 78 Resp: 58746



Abundance Ion 78.10 (77.80 to 78.80): VV0



#42

Toluene

Concen: 5.166 ug/L

RT: 7.41 min Scan# 1966

Delta R.T. 0.00 min

Lab File: VV015855.D

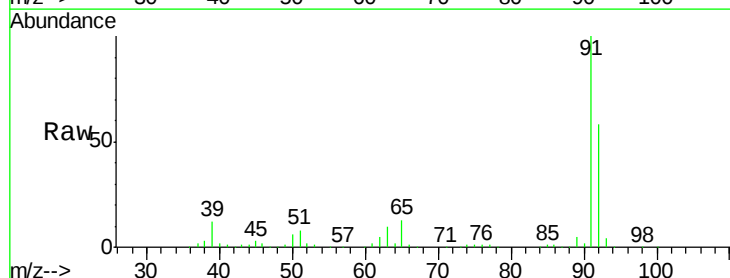
Acq: 01 May 2020 13:24

Tgt Ion: 91 Resp: 187916

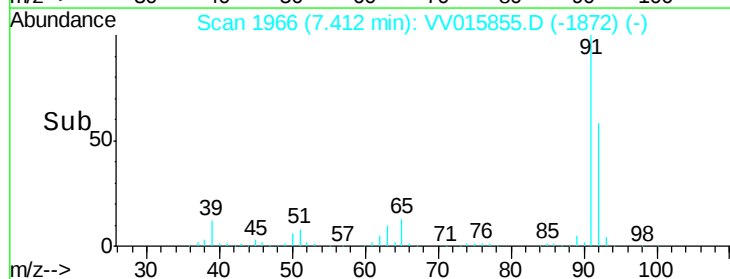
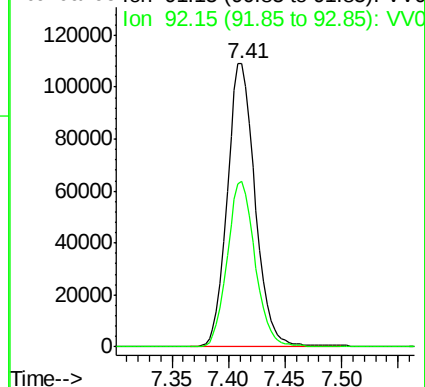
Ion Ratio Lower Upper

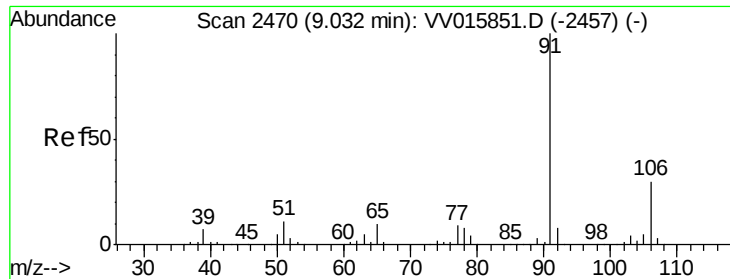
91 100

92 58.3 40.7 75.7



Abundance Ion 91.15 (90.85 to 91.85): VV0





#52

Ethylbenzene

Concen: 2.154 ug/L

RT: 9.04 min Scan# 2471

Delta R.T. 0.00 min

Lab File: VV015855.D

Acq: 01 May 2020 13:24

Instrument :

MSVOA_V

ClientSampleId :

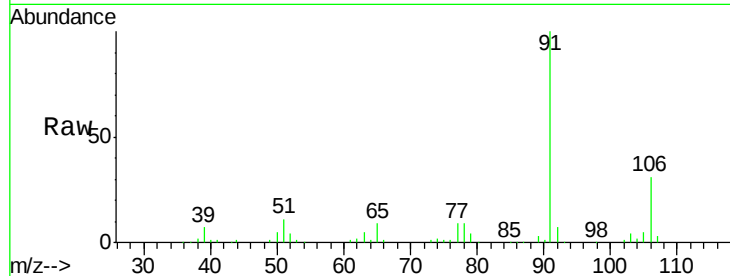
ETKS9

Tot Ion: 91 Resp: 90689

Ion Ratio Lower Upper

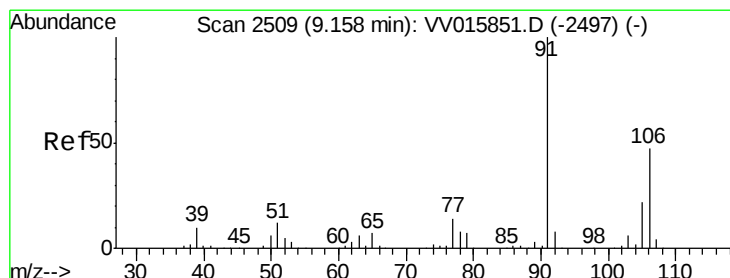
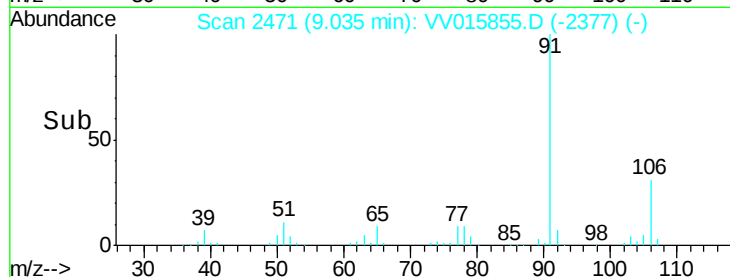
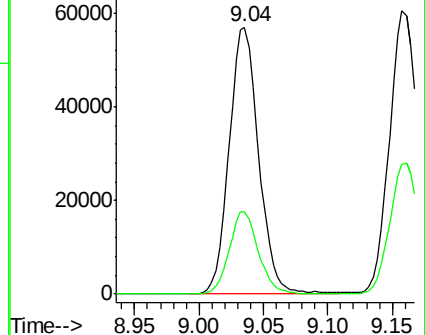
91 100

106 30.8 21.3 39.5



Abundance Ion 91.15 (90.85 to 91.85): VV015855.D (-2457) (-)

Ion 106.15 (105.85 to 106.85): VV015855.D (-2457) (-)



#53

m,p-xylene

Concen: 2.974 ug/L

RT: 9.16 min Scan# 2510

Delta R.T. 0.00 min

Lab File: VV015855.D

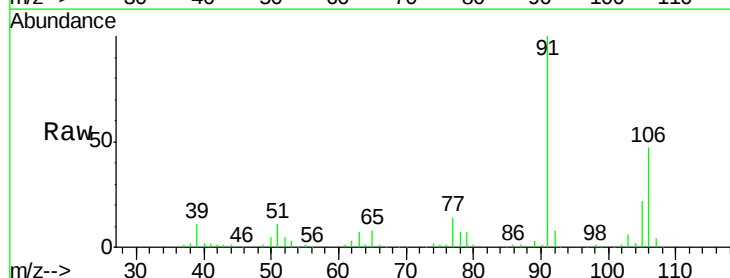
Acq: 01 May 2020 13:24

Tgt Ion: 106 Resp: 45850

Ion Ratio Lower Upper

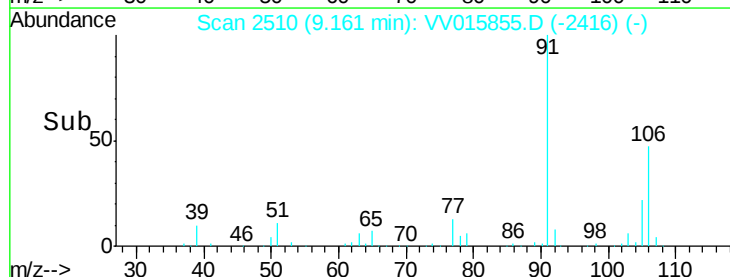
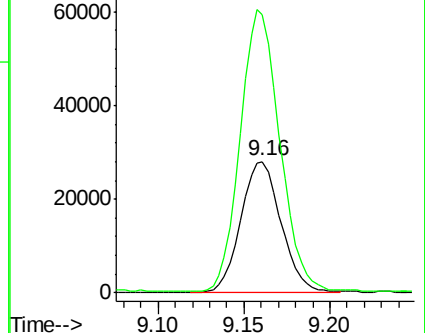
106 100

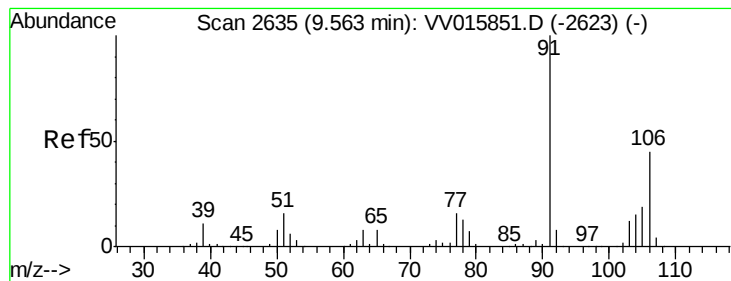
91 212.1 147.8 274.4



Abundance Ion 106.15 (105.85 to 106.85): VV015855.D (-2497) (-)

Ion 91.15 (90.85 to 91.85): VV015855.D (-2497) (-)





#54

o-xylene

Concen: 1.851 ug/L

RT: 9.57 min Scan# 2636

Delta R.T. 0.00 min

Lab File: VV015855.D

Acq: 01 May 2020 13:24

Instrument :

MSVOA_V

ClientSampled :

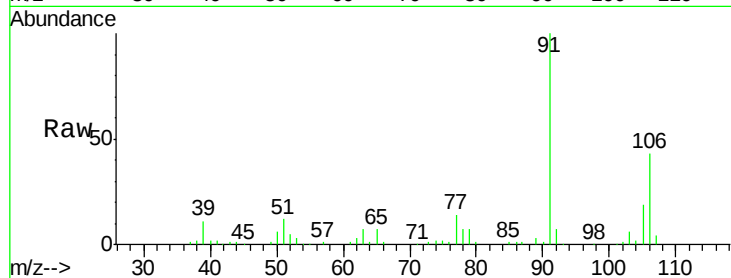
ETKS9

Tot Ion:106 Resp: 27609

Ion Ratio Lower Upper

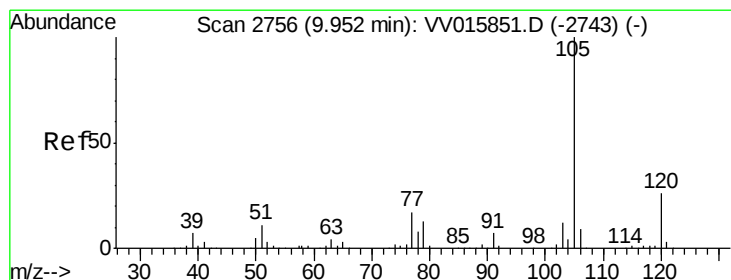
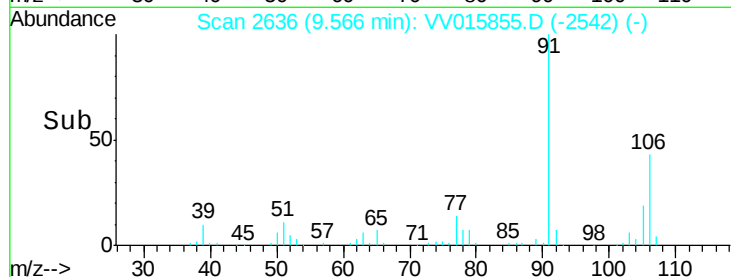
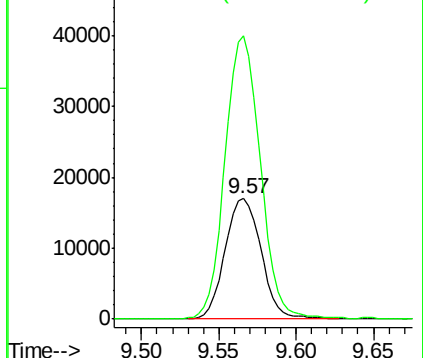
106 100

91 234.8 159.8 296.8



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0



#56

Isopropylbenzene

Concen: 0.116 ug/L

RT: 9.95 min Scan# 2757

Delta R.T. 0.00 min

Lab File: VV015855.D

Acq: 01 May 2020 13:24

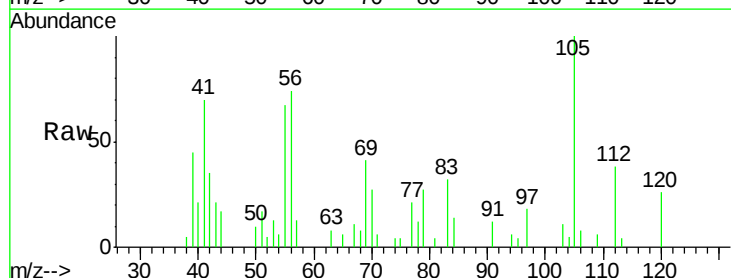
Tgt Ion:105 Resp: 4876

Ion Ratio Lower Upper

105 100

120 29.1 20.7 31.1

77 26.4 13.9 20.9#



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

