

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050120\
 Data File : VV015854.D
 Acq On : 01 May 2020 13:01
 Operator : SY/MD
 Sample : L2431-19 50X
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETKS8

Quant Time: May 02 00:34:56 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	117188	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	115190	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	60025	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	31402	5.13	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.60%
7) Chloroethane-d5	1.58	69	28841	4.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.80%
11) 1,1-Dichloroethene-d2	2.12	63	47662	3.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.20%
20) 2-Butanone-d5	3.93	46	93667	47.63	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.26%
24) Chloroform-d	4.38	84	64352	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.20%
26) 1,2-Dichloroethane-d4	5.06	65	38314	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.00%
32) Benzene-d6	5.08	84	127158	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.40%
36) 1,2-Dichloropropane-d6	6.10	67	44247	5.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.80%
41) Toluene-d8	7.34	98	111701	4.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.60%
43) trans-1,3-Dichloropropene-	7.65	79	13110	3.86	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.20%
46) 2-Hexanone-d5	8.11	63	66258	39.99	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.98%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	29553	4.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.40%
64) 1,2-Dichlorobenzene-d4	11.65	152	45406	4.45	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.00%

Target Compounds

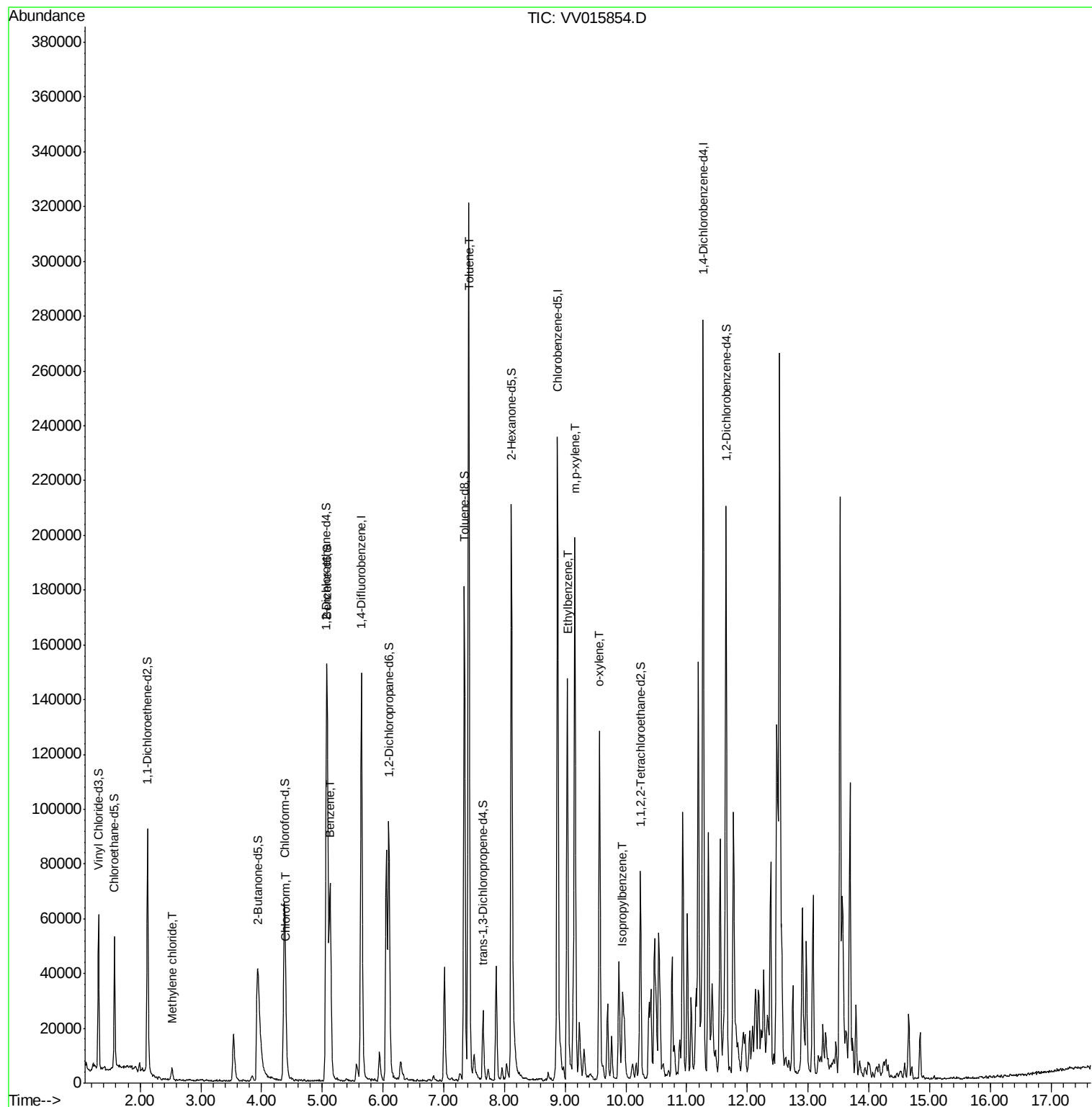
					Ovalue
16) Methylene chloride	2.53	84	1778	0.211 ug/L	93
25) Chloroform	4.41	83	5256	0.330 ug/L	100
33) Benzene	5.13	78	69336	2.107 ug/L	100
42) Toluene	7.41	91	221632	6.303 ug/L	99
52) Ethylbenzene	9.04	91	97300	2.391 ug/L	98
53) m,p-xylene	9.16	106	50988	3.421 ug/L	95
54) o-xylene	9.57	106	30172	2.092 ug/L	100
56) Isopropylbenzene	9.95	105	5276	0.130 ug/L #	93

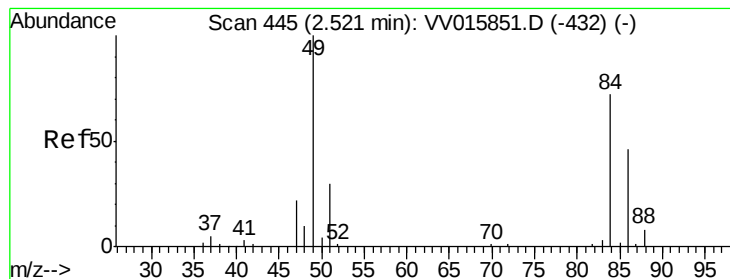
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Sat May 02 00:06:27 2020
Response via : Initial Calibration





#16

Methvlene chloride

Concen: 0.211 ug/L

RT: 2.53 min Scan# 447

Delta R.T. 0.01 min

Lab File: VV015854.D

Acq: 01 May 2020 13:01

Instrument :

MSVOA_V

ClientSampled :

ETKS8

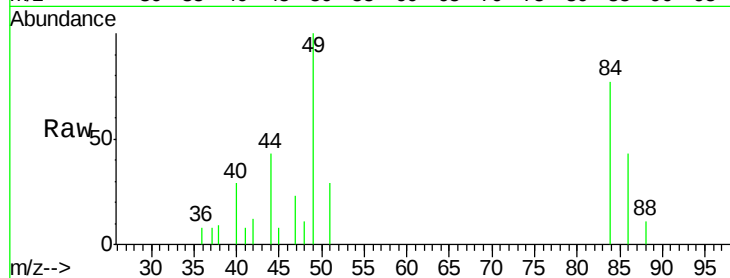
Tot Ion: 84 Resp: 1778

Ion Ratio Lower Upper

84 100

86 55.0 45.1 83.7

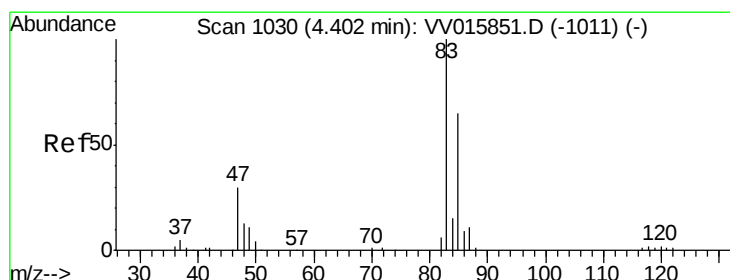
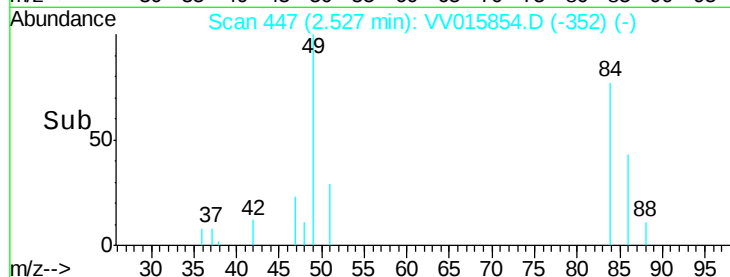
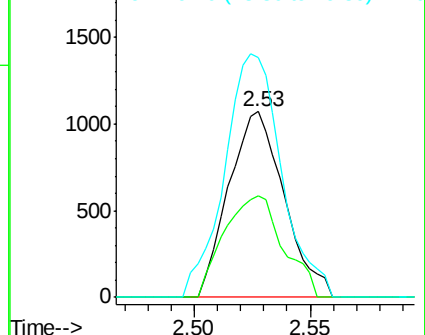
49 129.4 94.4 175.4



Abundance Ion 84.05 (83.75 to 84.75): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.10 (48.80 to 49.80): VV0



#25

Chloroform

Concen: 0.330 ug/L

RT: 4.41 min Scan# 1032

Delta R.T. 0.01 min

Lab File: VV015854.D

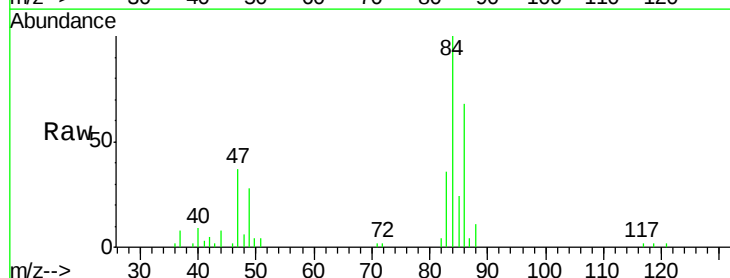
Acq: 01 May 2020 13:01

Tgt Ion: 83 Resp: 5256

Ion Ratio Lower Upper

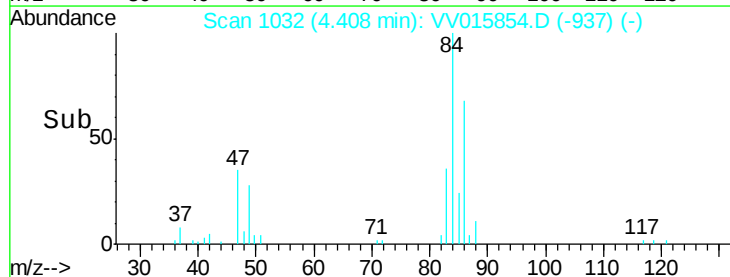
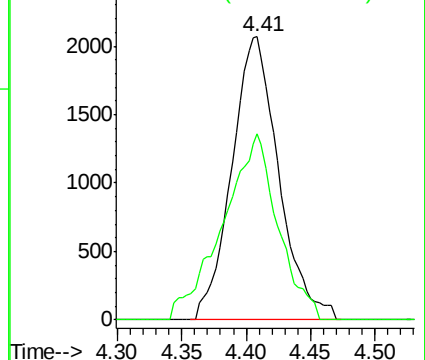
83 100

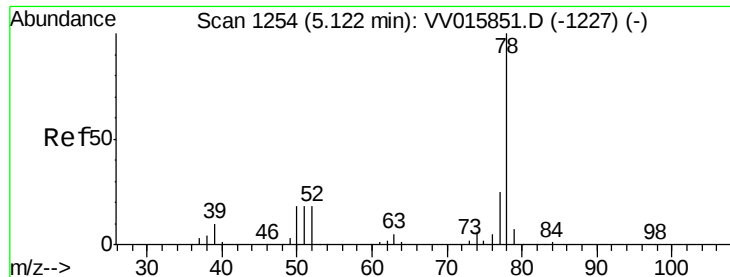
85 66.0 46.1 85.5



Abundance Ion 83.05 (82.75 to 83.75): VV0

Ion 85.00 (84.70 to 85.70): VV0





#33

Benzene

Concen: 2.107 ug/L

RT: 5.13 min Scan# 1256

Delta R.T. 0.01 min

Lab File: VV015854.D

Acq: 01 May 2020 13:01

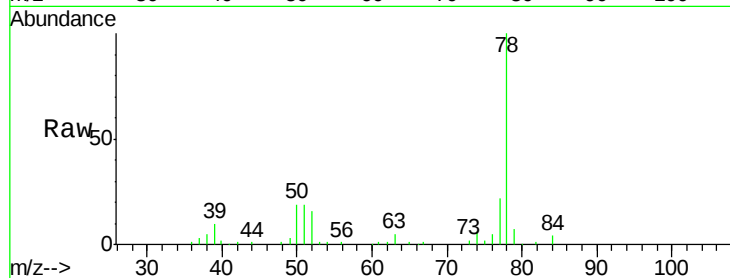
Instrument :

MSVOA_V

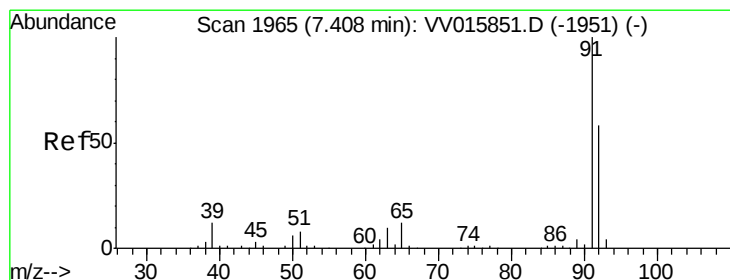
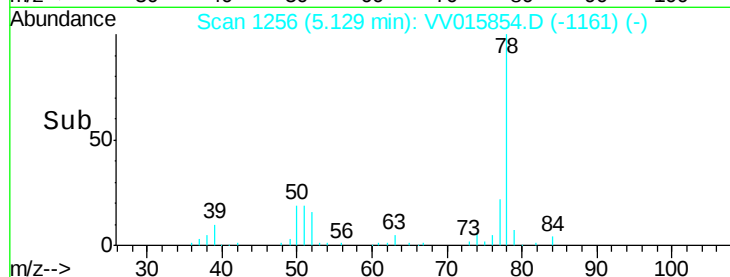
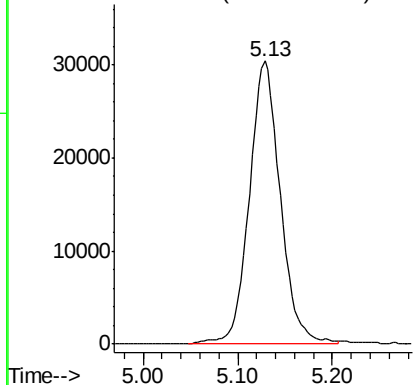
ClientSampled :

ETKS8

Tgt Ion: 78 Resp: 69336



Abundance Ion 78.10 (77.80 to 78.80): VV0



#42

Toluene

Concen: 6.303 ug/L

RT: 7.41 min Scan# 1966

Delta R.T. 0.00 min

Lab File: VV015854.D

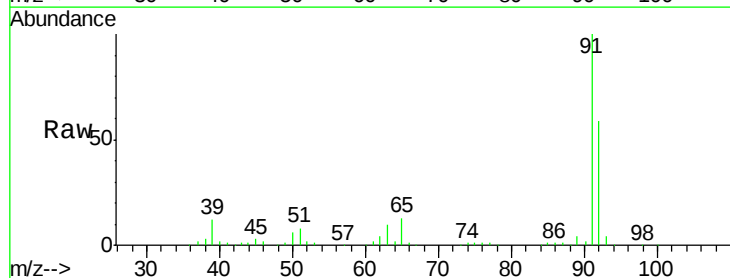
Acq: 01 May 2020 13:01

Tgt Ion: 91 Resp: 221632

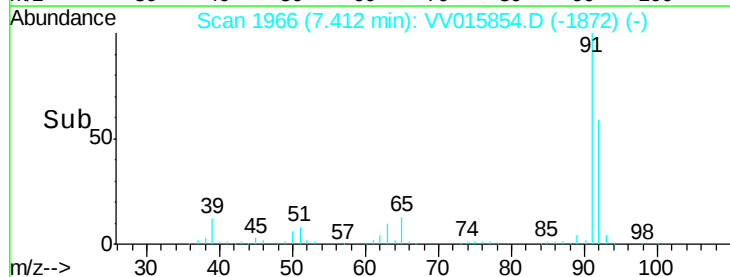
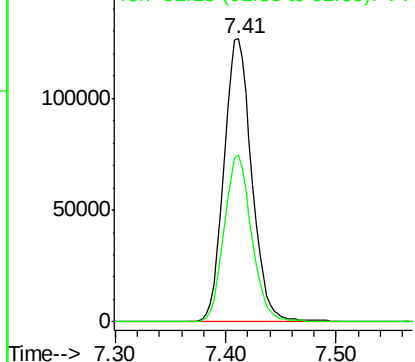
Ion Ratio Lower Upper

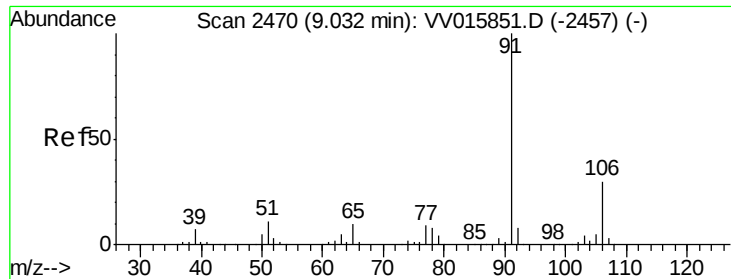
91 100

92 58.8 40.7 75.7



Abundance Ion 91.15 (90.85 to 91.85): VV0
Ion 92.15 (91.85 to 92.85): VV0





#52

Ethylbenzene

Concen: 2.391 ug/L

RT: 9.04 min Scan# 2471

Delta R.T. 0.00 min

Lab File: VV015854.D

Acq: 01 May 2020 13:01

Instrument :

MSVOA_V

ClientSampleId :

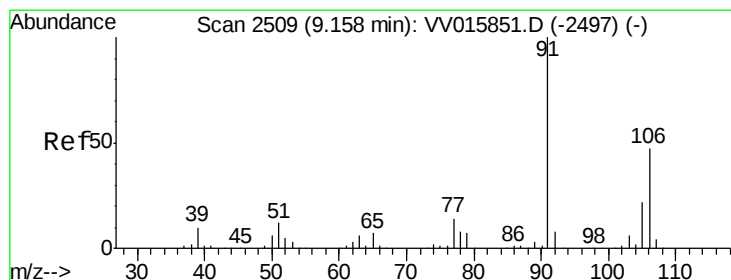
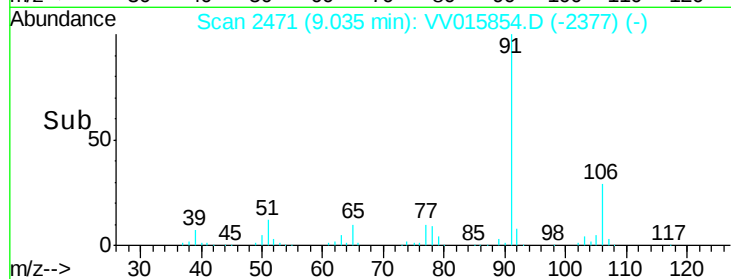
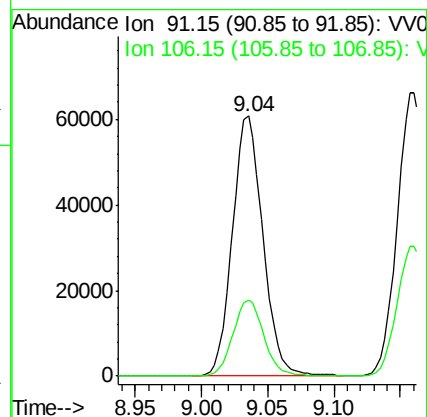
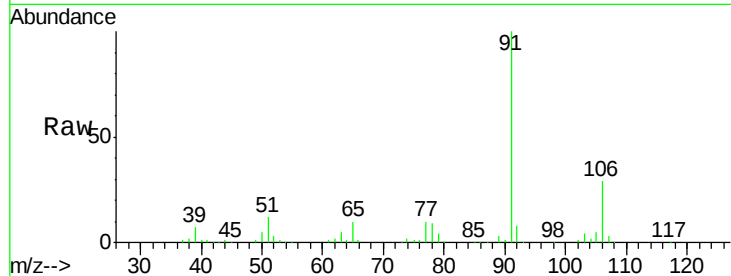
ETKS8

Tot Ion: 91 Resp: 97300

Ion Ratio Lower Upper

91 100

106 29.4 21.3 39.5



#53

m,p-xylene

Concen: 3.421 ug/L

RT: 9.16 min Scan# 2510

Delta R.T. 0.00 min

Lab File: VV015854.D

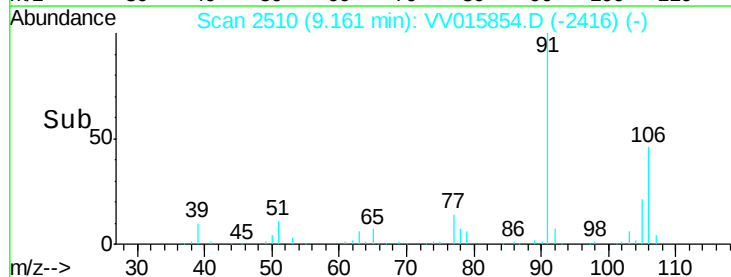
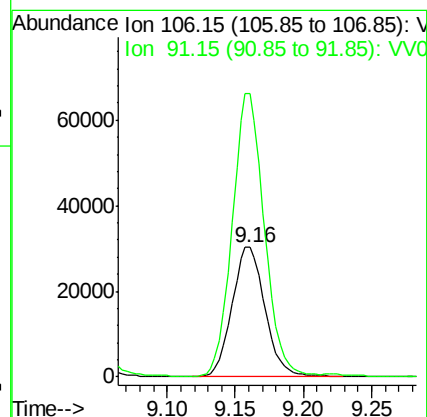
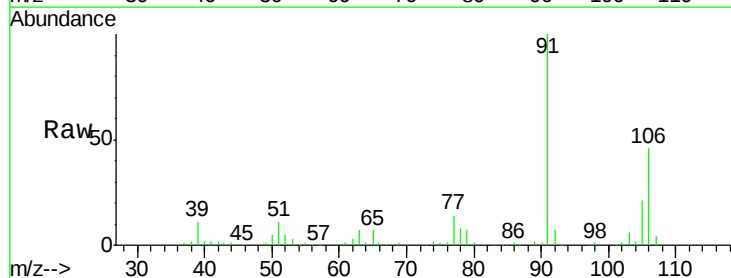
Acq: 01 May 2020 13:01

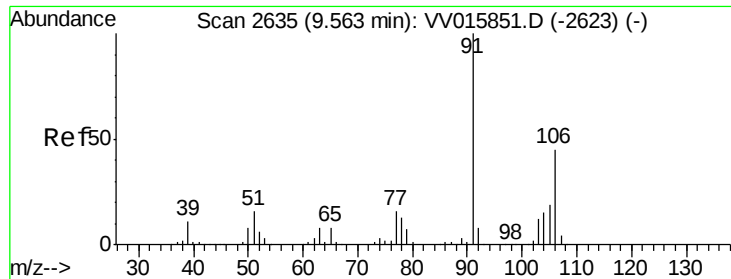
Tgt Ion: 106 Resp: 50988

Ion Ratio Lower Upper

106 100

91 218.2 147.8 274.4

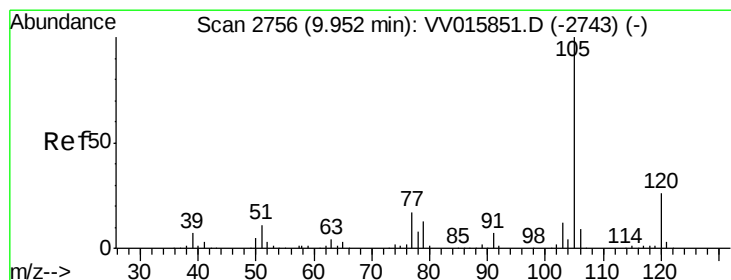
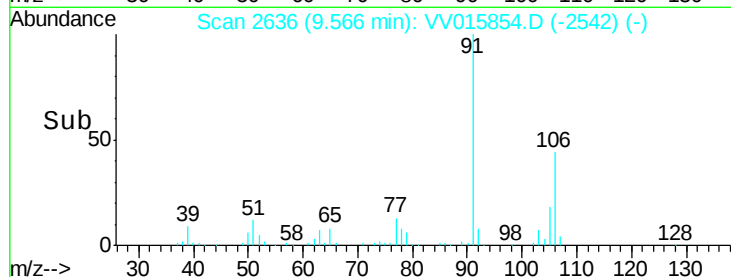
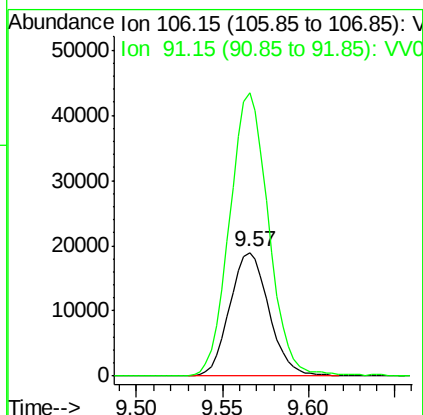
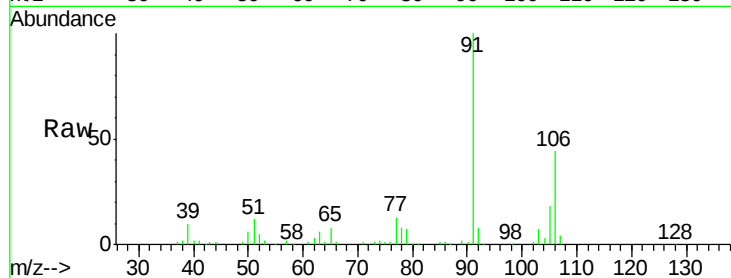




#54
o-xylene
Concen: 2.092 ug/L
RT: 9.57 min Scan# 2636
Delta R.T. 0.00 min
Lab File: VV015854.D
Acq: 01 May 2020 13:01

Instrument :
MSVOA_V
ClientSampleId :
ETKS8

Tot Ion:106 Resp: 30172
Ion Ratio Lower Upper
106 100
91 228.8 159.8 296.8



#56
Isopropylbenzene
Concen: 0.130 ug/L
RT: 9.95 min Scan# 2757
Delta R.T. 0.00 min
Lab File: VV015854.D
Acq: 01 May 2020 13:01

Tgt Ion:105 Resp: 5276
Ion Ratio Lower Upper
105 100
120 26.7 20.7 31.1
77 24.4 13.9 20.9#

