

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042920\
 Data File : VV015819.D
 Acq On : 30 Apr 2020 03:39
 Operator : SY/MD
 Sample : L2431-13
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETKS2

Quant Time: Apr 30 08:28:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Apr 30 01:35:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	124953	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	119146	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	59889	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	35052	5.37	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	107.40%
7) Chloroethane-d5	1.58	69	32559	5.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.40%
11) 1,1-Dichloroethene-d2	2.12	63	51531	3.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.20%
20) 2-Butanone-d5	3.90	46	85792	40.92	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	81.84%
24) Chloroform-d	4.38	84	61458	4.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.80%
26) 1,2-Dichloroethane-d4	5.06	65	39915	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.80%
32) Benzene-d6	5.08	84	136977	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.40%
36) 1,2-Dichloropropane-d6	6.10	67	42687	4.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.00%
41) Toluene-d8	7.34	98	120377	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.20%
43) trans-1,3-Dichloropropene-	7.65	79	13094	3.72	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.40%
46) 2-Hexanone-d5	8.11	63	68030	39.70	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.40%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	28775	4.25	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.00%
64) 1,2-Dichlorobenzene-d4	11.65	152	46355	4.55	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.00%

Target Compounds

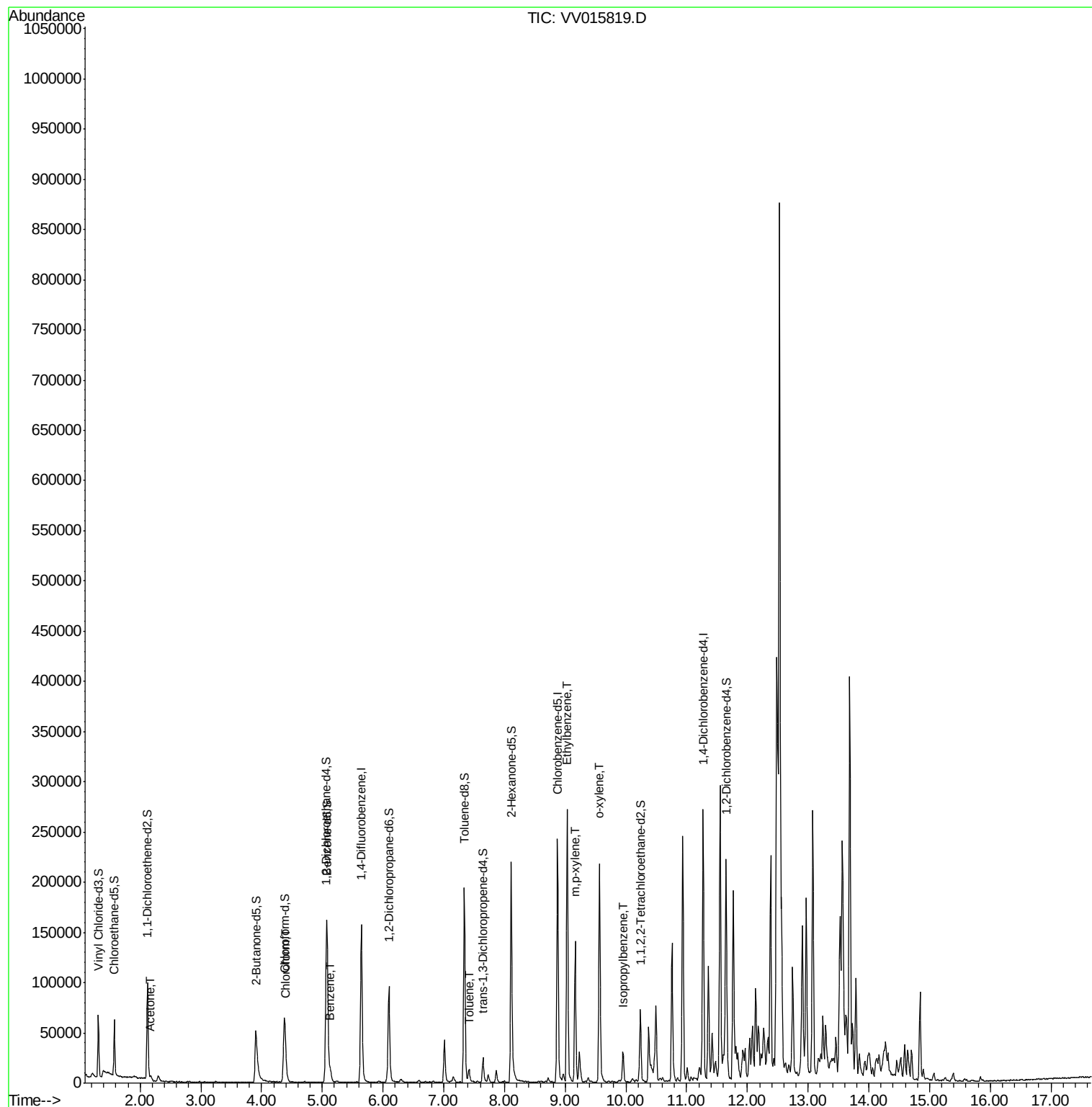
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.18	43	3303	2.269	ug/L	99
25) Chloroform	4.41	83	8740	0.515	ug/L	92
33) Benzene	5.13	78	11760	0.345	ug/L	100
42) Toluene	7.42	91	9464	0.260	ug/L	97
52) Ethylbenzene	9.04	91	183518	4.360	ug/L	99
53) m,p-xylene	9.16	106	35373	2.294	ug/L	97
54) o-xylene	9.57	106	52323	3.507	ug/L	95
56) Isopropylbenzene	9.96	105	17258	0.412	ug/L	97

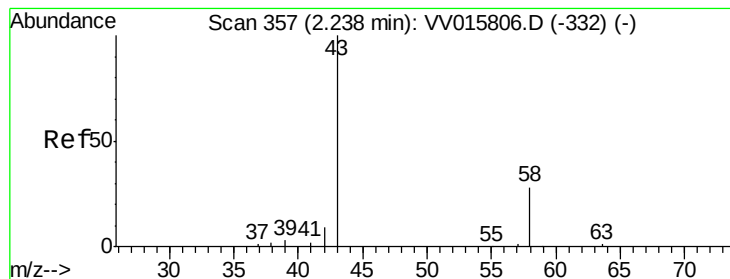
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 2.269 ug/L

RT: 2.18 min Scan# 338

Delta R.T. -0.04 min

Lab File: VV015819.D

Acq: 30 Apr 2020 03:39

Instrument :

MSVOA_V

ClientSampled :

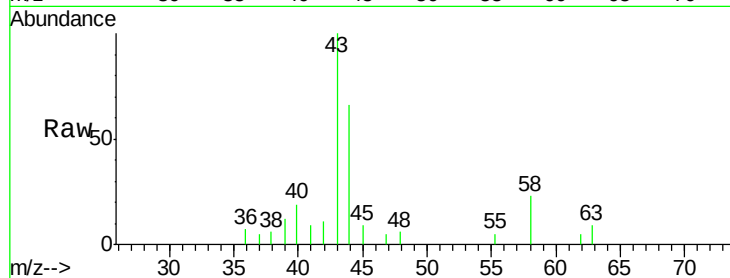
ETKS2

Tot Ion: 43 Resp: 3303

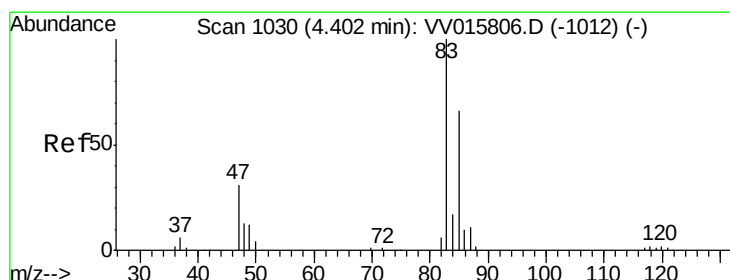
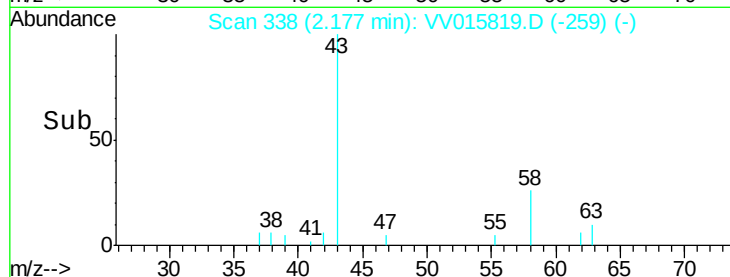
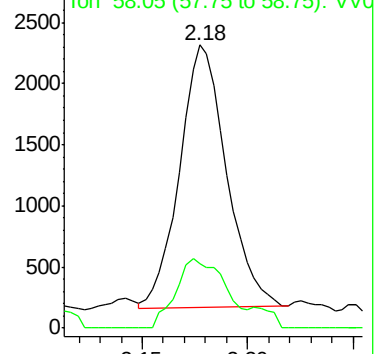
Ion Ratio Lower Upper

43 100

58 28.1 0.0 57.6



Abundance Ion 43.05 (42.75 to 43.75): VV015819.D (-259) (-)



#25

Chloroform

Concen: 0.515 ug/L

RT: 4.41 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VV015819.D

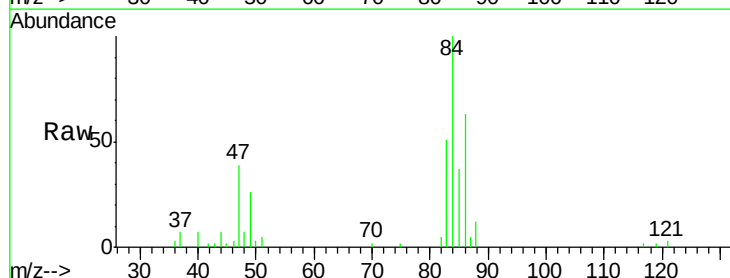
Acq: 30 Apr 2020 03:39

Tgt Ion: 83 Resp: 8740

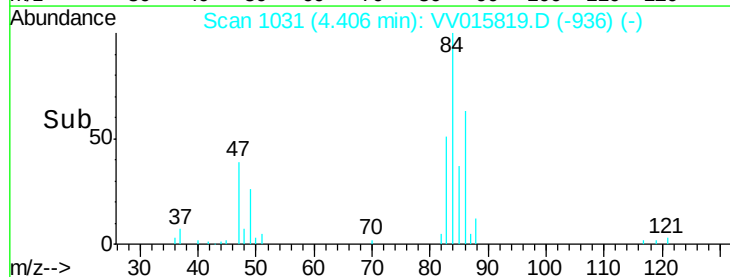
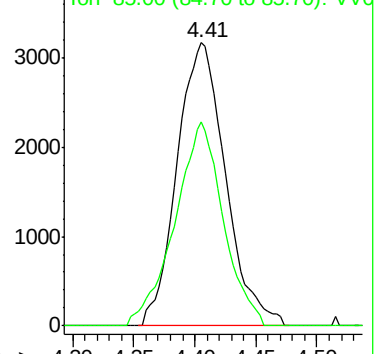
Ion Ratio Lower Upper

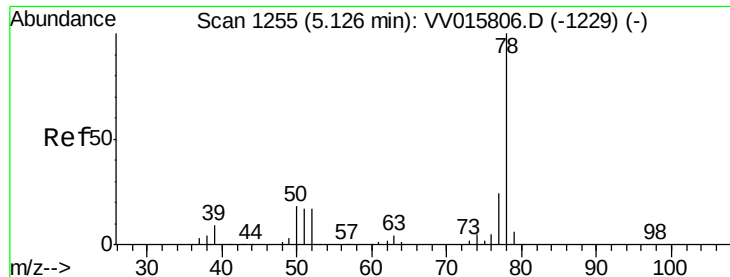
83 100

85 71.9 46.1 85.5



Abundance Ion 83.05 (82.75 to 83.75): VV015819.D (-936) (-)





#33

Benzene

Concen: 0.345 ug/L

RT: 5.13 min Scan# 1256

Delta R.T. 0.01 min

Lab File: VV015819.D

Acq: 30 Apr 2020 03:39

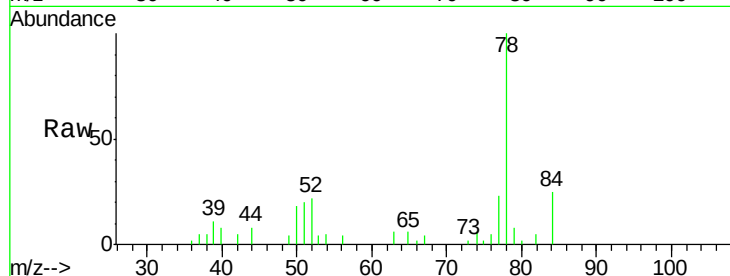
Instrument :

MSVOA_V

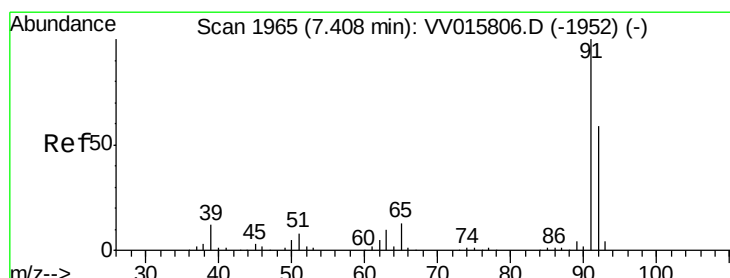
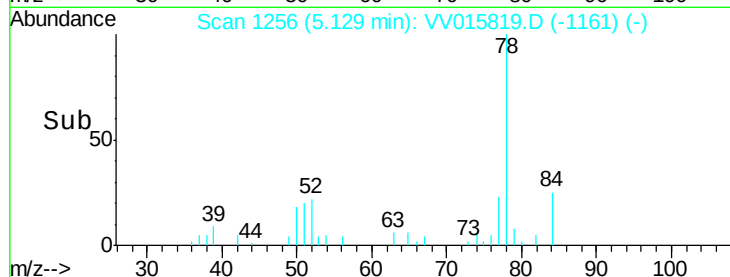
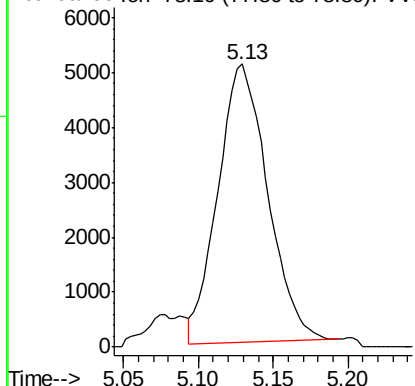
ClientSampled :

ETKS2

Tgt Ion: 78 Resp: 11760



Abundance Ion 78.10 (77.80 to 78.80): VV0



#42

Toluene

Concen: 0.260 ug/L

RT: 7.42 min Scan# 1967

Delta R.T. 0.01 min

Lab File: VV015819.D

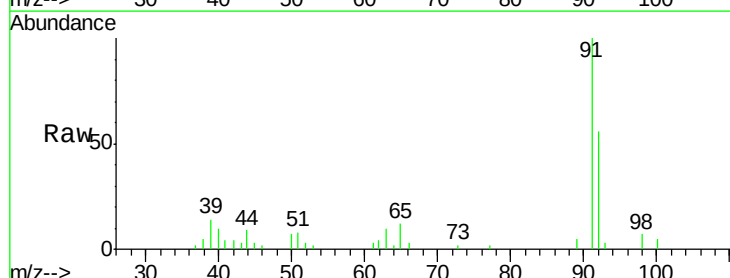
Acq: 30 Apr 2020 03:39

Tgt Ion: 91 Resp: 9464

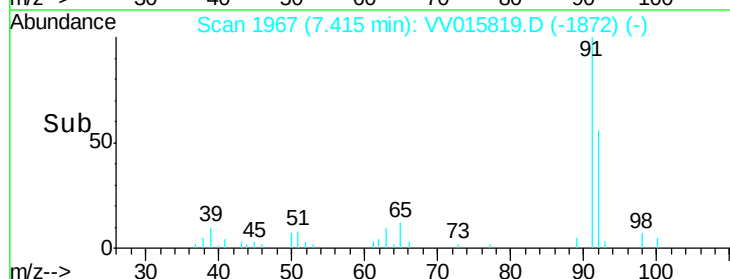
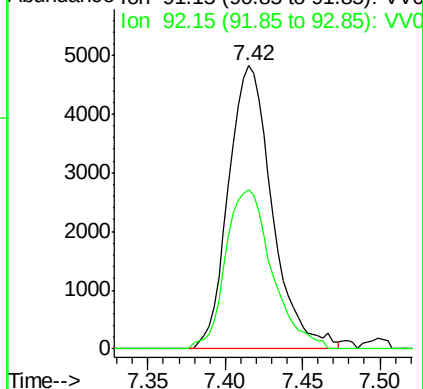
Ion Ratio Lower Upper

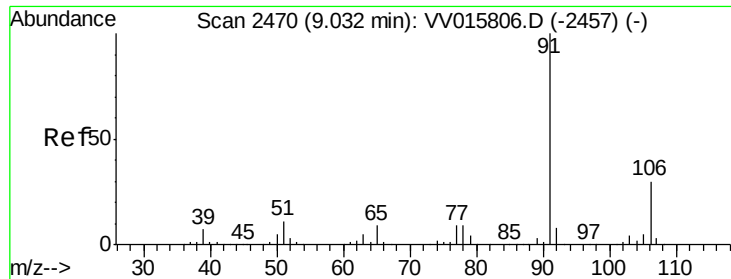
91 100

92 56.1 40.7 75.7



Abundance Ion 91.15 (90.85 to 91.85): VV0





#52

Ethylbenzene

Concen: 4.360 ug/L

RT: 9.04 min Scan# 2471

Delta R.T. 0.00 min

Lab File: VV015819.D

Acq: 30 Apr 2020 03:39

Instrument :

MSVOA_V

ClientSampleId :

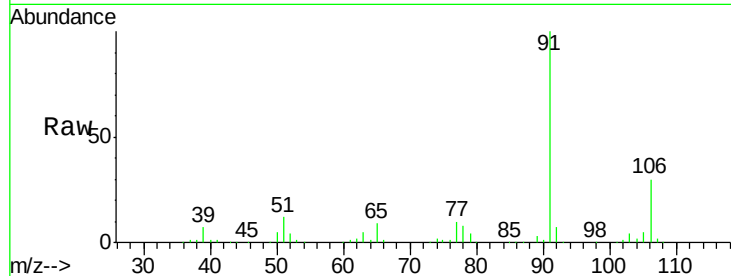
ETKS2

Tot Ion: 91 Resp: 183518

Ion Ratio Lower Upper

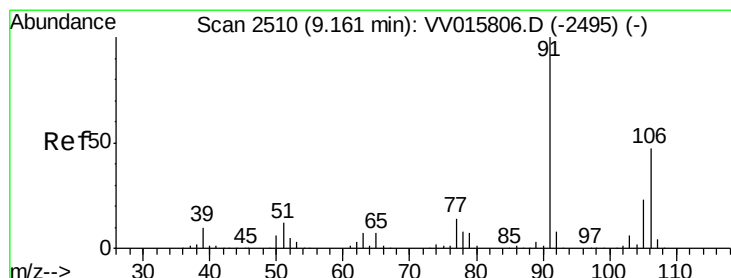
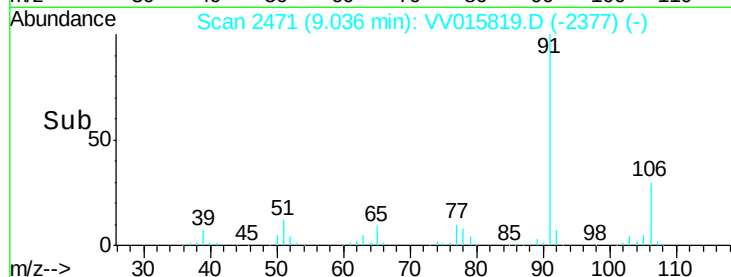
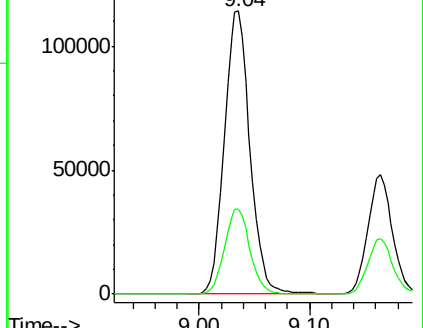
91 100

106 30.0 21.3 39.5



Abundance Ion 91.15 (90.85 to 91.85): VV015819.D (-2377) (-)

Ion 106.15 (105.85 to 106.85): VV015819.D (-2377) (-)



#53

m,p-xylene

Concen: 2.294 ug/L

RT: 9.16 min Scan# 2511

Delta R.T. 0.01 min

Lab File: VV015819.D

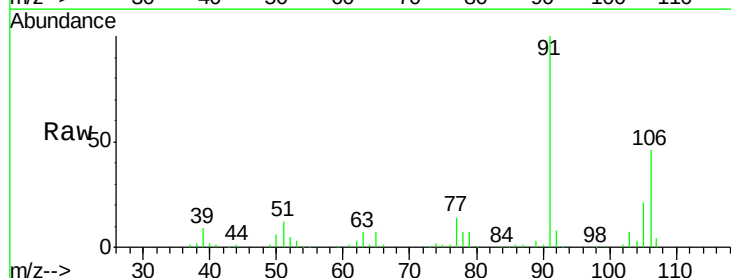
Acq: 30 Apr 2020 03:39

Tgt Ion:106 Resp: 35373

Ion Ratio Lower Upper

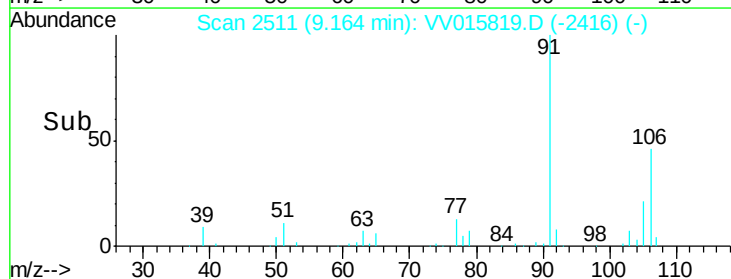
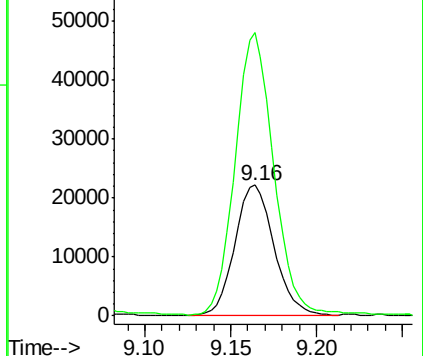
106 100

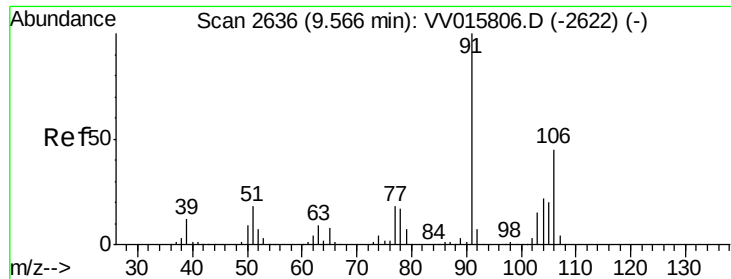
91 216.2 147.8 274.4



Abundance Ion 106.15 (105.85 to 106.85): VV015819.D (-2416) (-)

Ion 91.15 (90.85 to 91.85): VV015819.D (-2416) (-)





#54

o-xylene

Concen: 3.507 ug/L

RT: 9.57 min Scan# 2636

Delta R.T. 0.00 min

Lab File: VV015819.D

Acq: 30 Apr 2020 03:39

Instrument :

MSVOA_V

ClientSampleId :

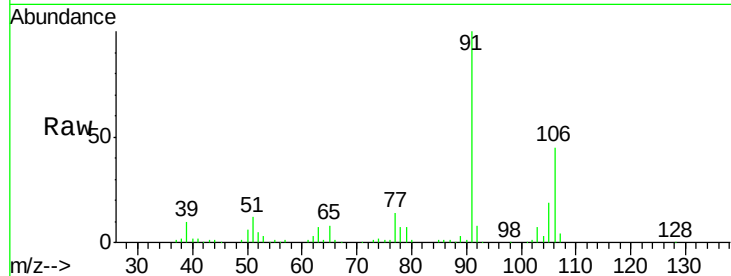
ETKS2

Tot Ion:106 Resp: 52323

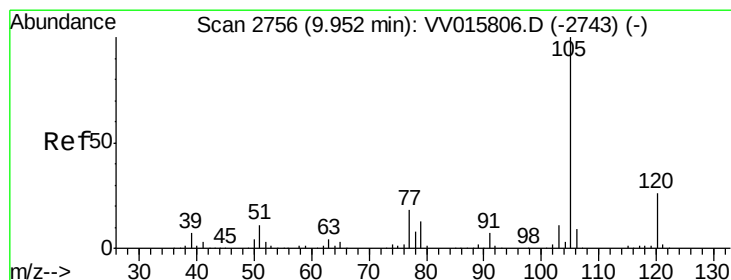
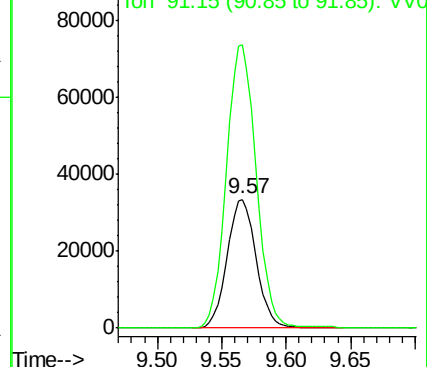
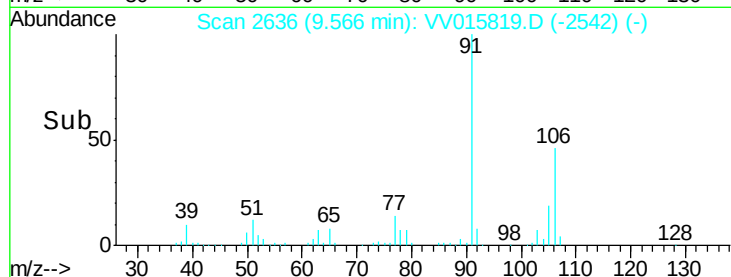
Ion Ratio Lower Upper

106 100

91 219.9 159.8 296.8



Abundance Ion 106.15 (105.85 to 106.85): V



#56

Isopropylbenzene

Concen: 0.412 ug/L

RT: 9.96 min Scan# 2757

Delta R.T. 0.00 min

Lab File: VV015819.D

Acq: 30 Apr 2020 03:39

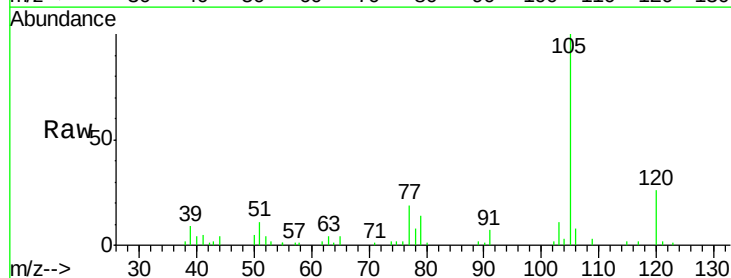
Tgt Ion:105 Resp: 17258

Ion Ratio Lower Upper

105 100

120 26.1 20.7 31.1

77 19.9 13.9 20.9



Abundance Ion 105.05 (104.75 to 105.75): V

