

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050120\
 Data File : VV015859.D
 Acq On : 01 May 2020 15:43
 Operator : SY/MD
 Sample : L2431-16
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETKS5

Quant Time: May 02 01:00:37 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	117481	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	116880	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	57343	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	28533	4.65	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.00%
7) Chloroethane-d5	1.58	69	26843	4.54	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.80%
11) 1,1-Dichloroethene-d2	2.12	63	43719	3.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.00%
20) 2-Butanone-d5	3.93	46	79280	40.22	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	80.44%
24) Chloroform-d	4.38	84	60920	4.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.20%
26) 1,2-Dichloroethane-d4	5.06	65	35926	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.80%
32) Benzene-d6	5.08	84	119375	4.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.60%
36) 1,2-Dichloropropane-d6	6.10	67	38770	4.35	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.00%
41) Toluene-d8	7.34	98	105017	3.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.20%
43) trans-1,3-Dichloropropene-	7.64	79	12196	3.54	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	70.80%
46) 2-Hexanone-d5	8.11	63	59595	35.45	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	70.90%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	27154	4.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.80%
64) 1,2-Dichlorobenzene-d4	11.65	152	42858	4.40	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.00%

Target Compounds

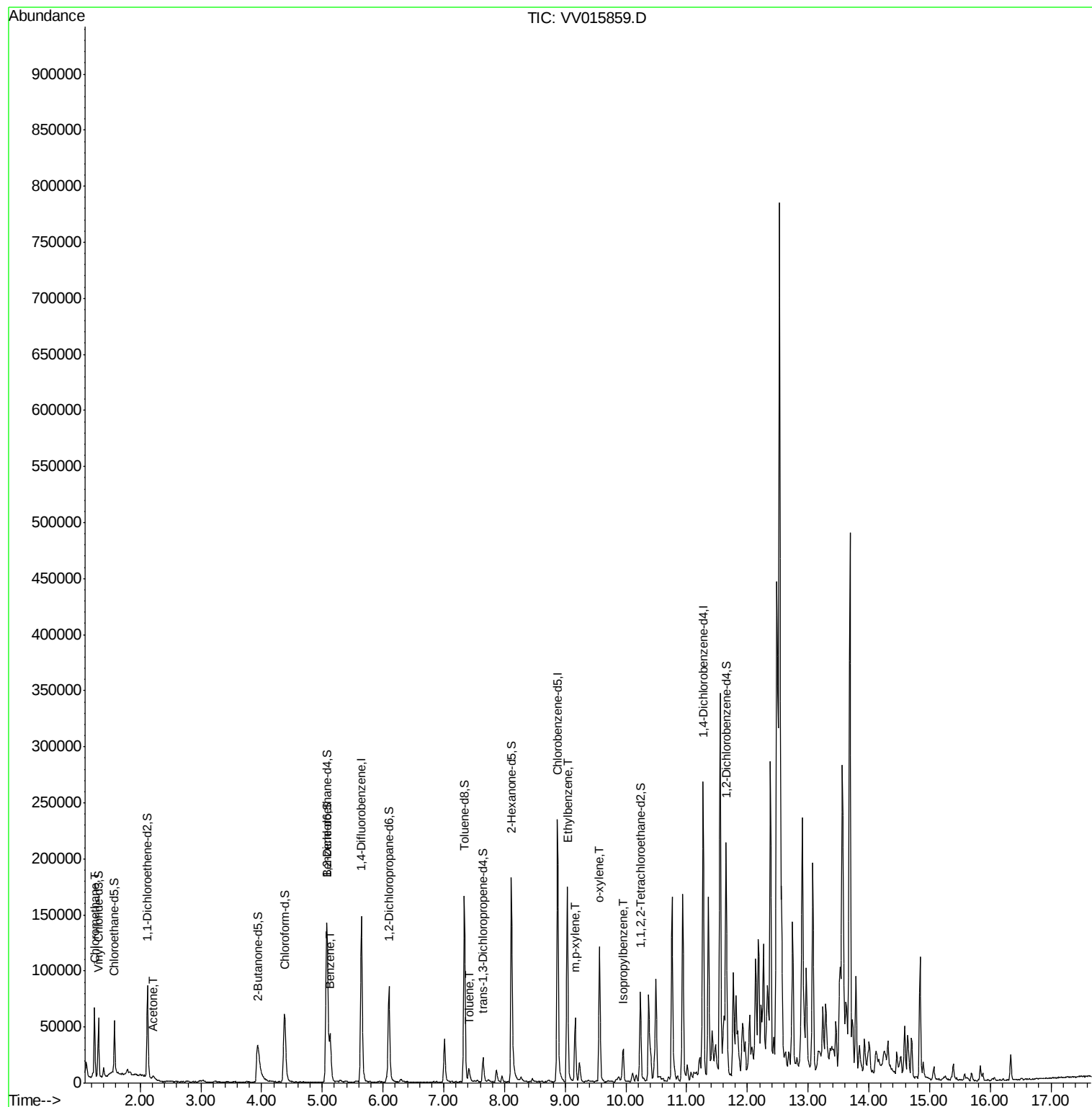
					Ovalue
3) Chloromethane	1.25	50	37415	4.298	ug/L 99
13) Acetone	2.22	43	8486	6.199	ug/L 95
33) Benzene	5.13	78	40656	1.217	ug/L 100
42) Toluene	7.42	91	8562	0.240	ug/L 94
52) Ethylbenzene	9.04	91	117445	2.844	ug/L 99
53) m,p-xylene	9.16	106	15685	1.037	ug/L 94
54) o-xylene	9.57	106	27090	1.851	ug/L 100
56) Isopropylbenzene	9.95	105	16368	0.399	ug/L 98

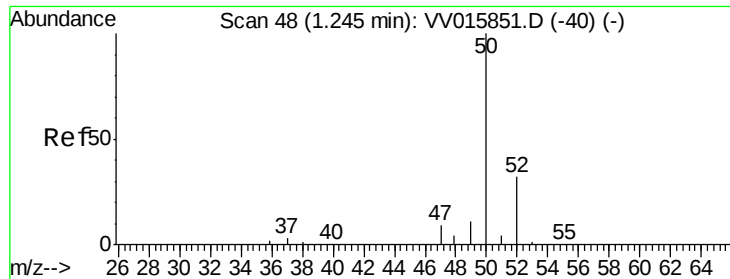
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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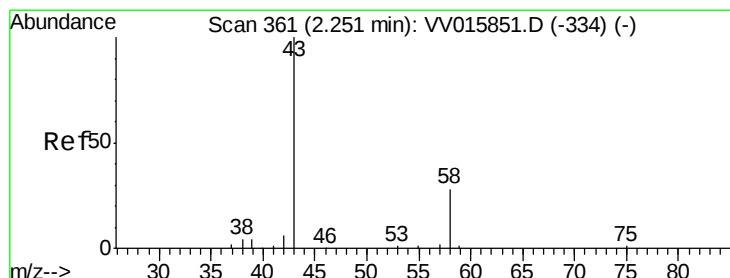
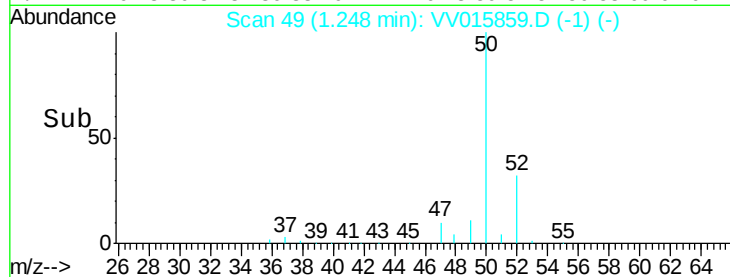
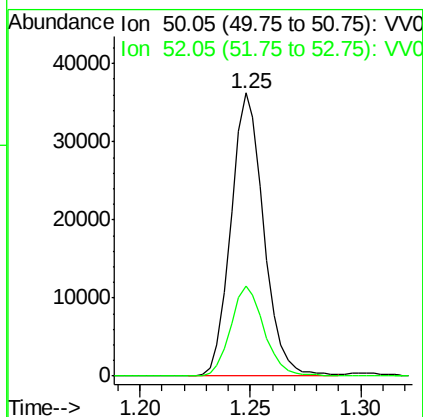
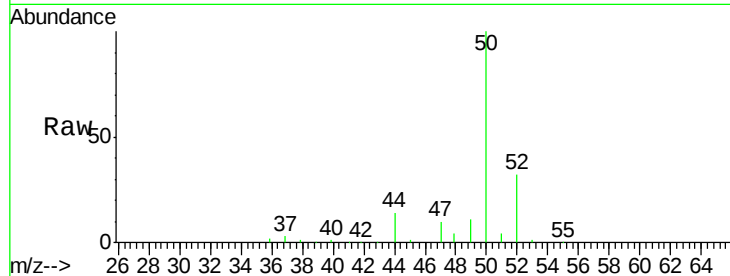




#3
 Chloromethane
 Concen: 4.298 ug/L
 RT: 1.25 min Scan# 49
 Delta R.T. 0.00 min
 Lab File: VV015859.D
 Acq: 01 May 2020 15:43

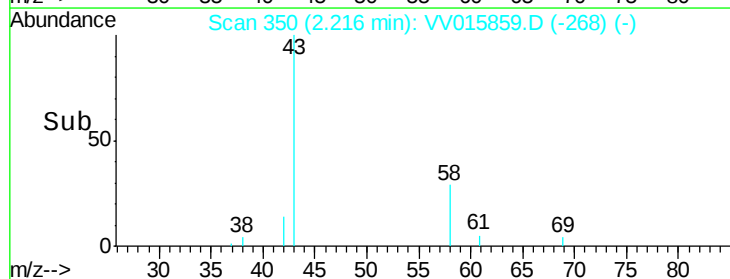
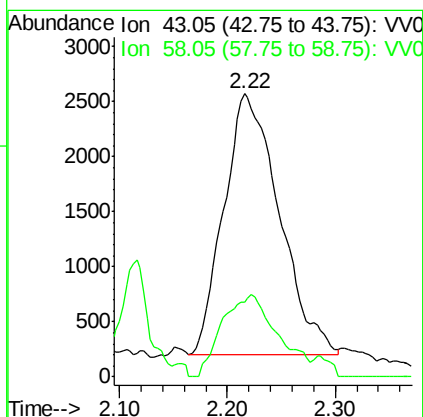
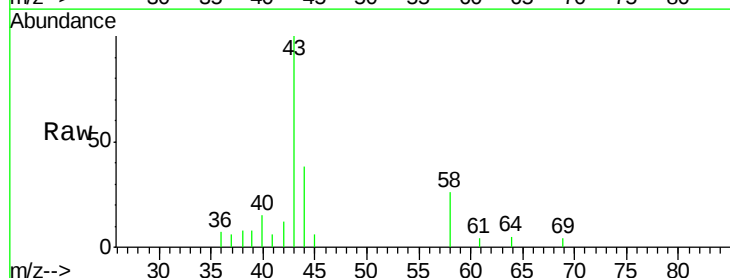
Instrument :
 MSVOA_V
 ClientSampled :
 ETKS5

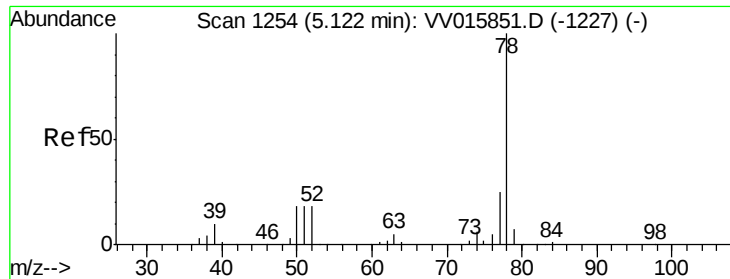
Tot Ion: 50 Resp: 37415
 Ion Ratio Lower Upper
 50 100
 52 32.0 22.9 42.5



#13
 Acetone
 Concen: 6.199 ug/L
 RT: 2.22 min Scan# 350
 Delta R.T. -0.04 min
 Lab File: VV015859.D
 Acq: 01 May 2020 15:43

Tgt Ion: 43 Resp: 8486
 Ion Ratio Lower Upper
 43 100
 58 31.5 0.0 57.6





#33

Benzene

Concen: 1.217 ug/L

RT: 5.13 min Scan# 1256

Delta R.T. 0.01 min

Lab File: VV015859.D

Acq: 01 May 2020 15:43

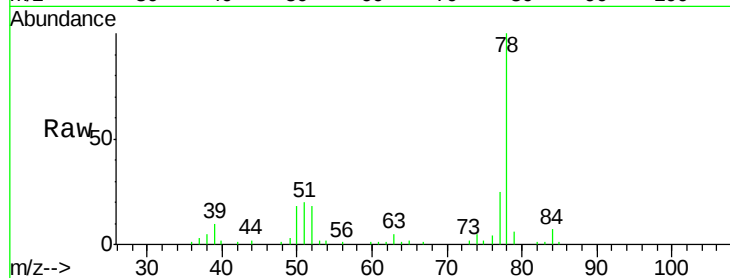
Instrument :

MSVOA_V

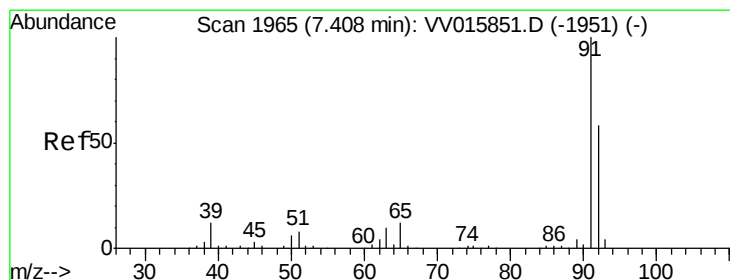
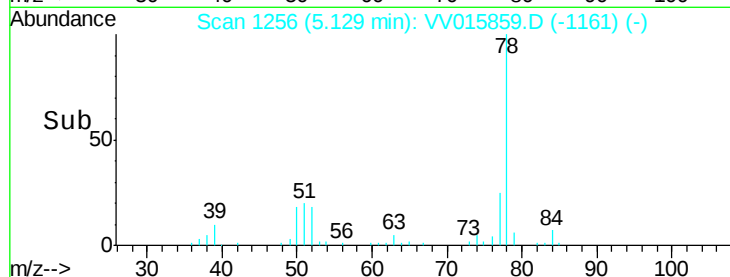
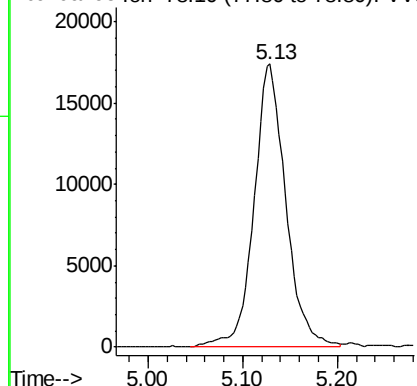
ClientSampled :

ETKS5

Tgt Ion: 78 Resp: 40656



Abundance Ion 78.10 (77.80 to 78.80): VV0



#42

Toluene

Concen: 0.240 ug/L

RT: 7.42 min Scan# 1968

Delta R.T. 0.01 min

Lab File: VV015859.D

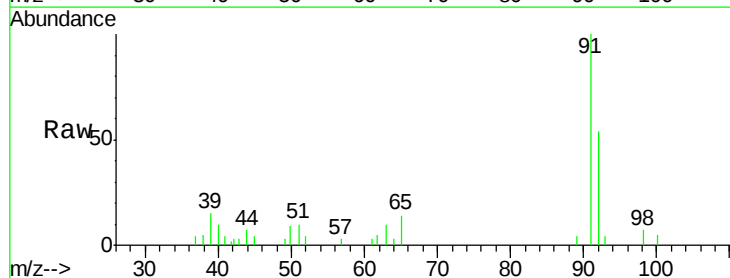
Acq: 01 May 2020 15:43

Tgt Ion: 91 Resp: 8562

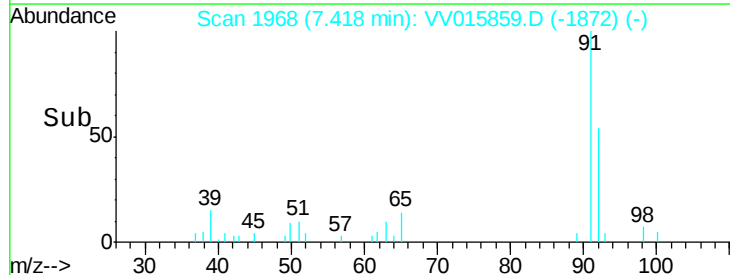
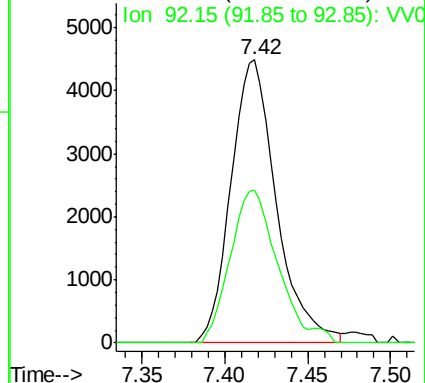
Ion Ratio Lower Upper

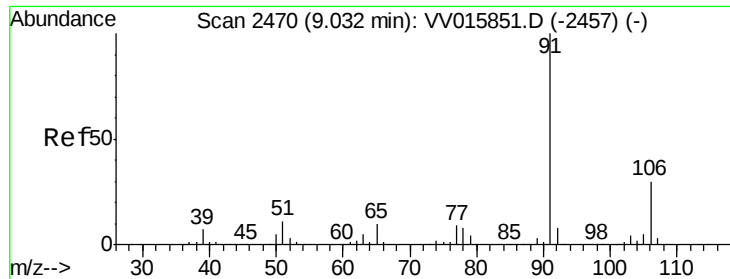
91 100

92 54.0 40.7 75.7



Abundance Ion 91.15 (90.85 to 91.85): VV0

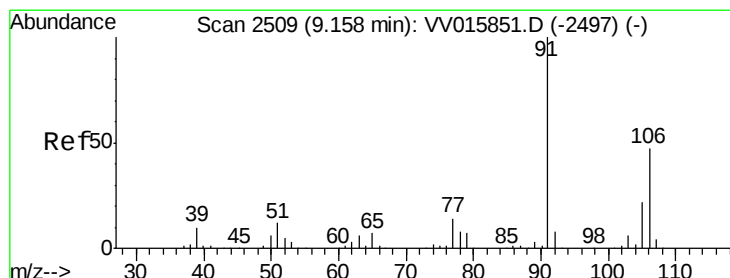
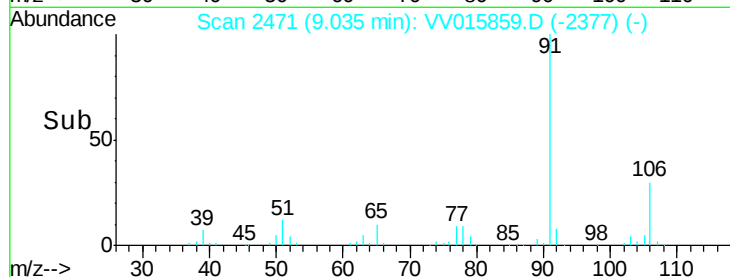
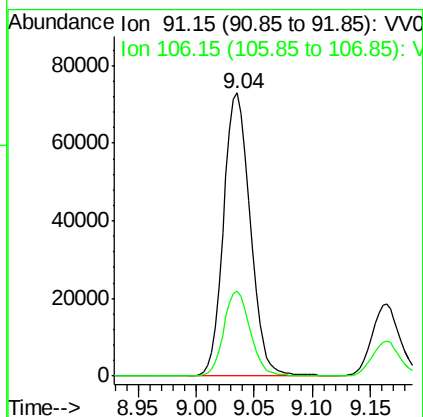
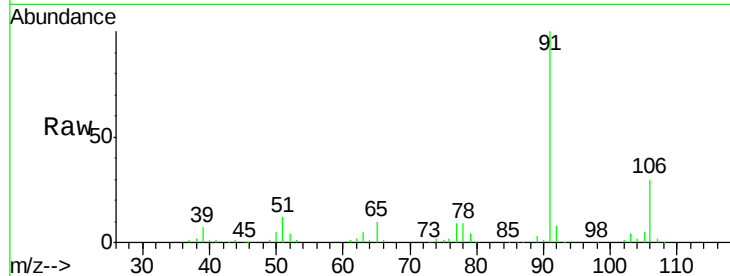




#52
Ethylbenzene
Concen: 2.844 ug/L
RT: 9.04 min Scan# 2471
Delta R.T. 0.00 min
Lab File: VV015859.D
Acq: 01 May 2020 15:43

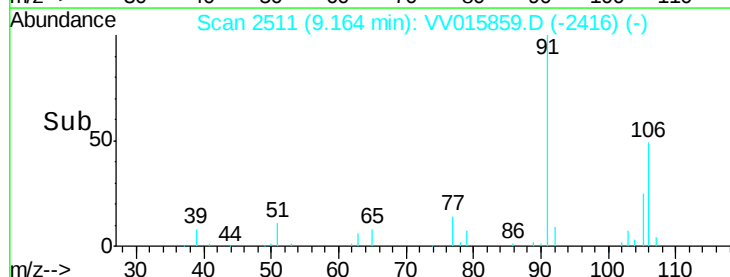
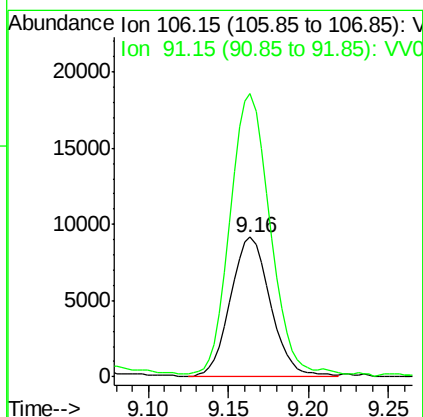
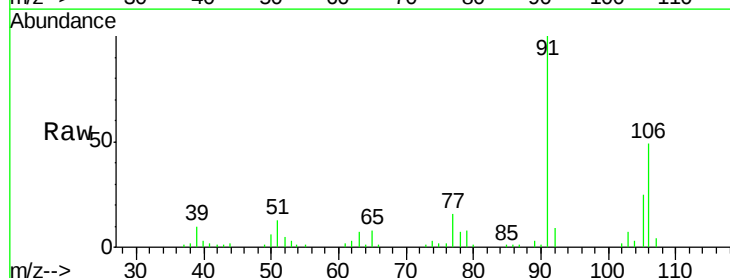
Instrument :
MSVOA_V
ClientSampled :
ETKS5

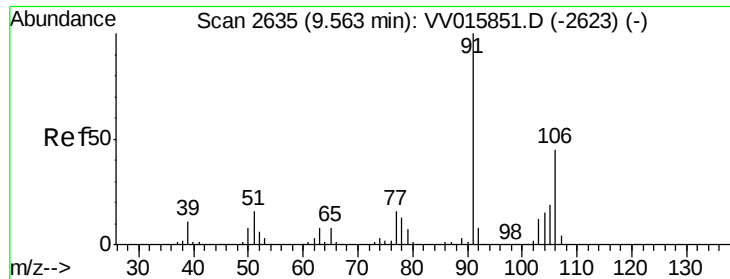
Tot Ion: 91 Resp: 117445
Ion Ratio Lower Upper
91 100
106 30.0 21.3 39.5



#53
m,p-xylene
Concen: 1.037 ug/L
RT: 9.16 min Scan# 2511
Delta R.T. 0.01 min
Lab File: VV015859.D
Acq: 01 May 2020 15:43

Tgt Ion: 106 Resp: 15685
Ion Ratio Lower Upper
106 100
91 202.3 147.8 274.4





#54

o-xylene

Concen: 1.851 ug/L

RT: 9.57 min Scan# 2636

Delta R.T. 0.00 min

Lab File: VV015859.D

Acq: 01 May 2020 15:43

Instrument :

MSVOA_V

ClientSampleId :

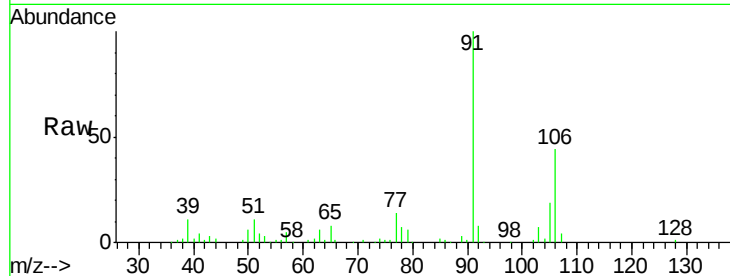
ETKS5

Tot Ion:106 Resp: 27090

Ion Ratio Lower Upper

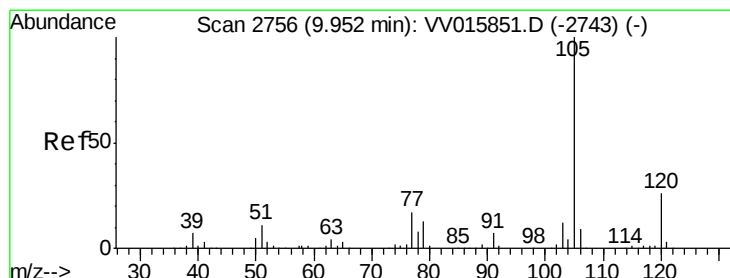
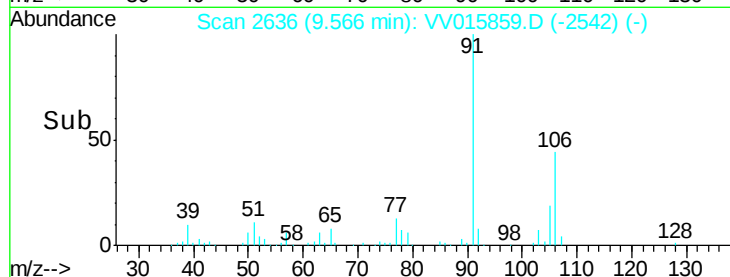
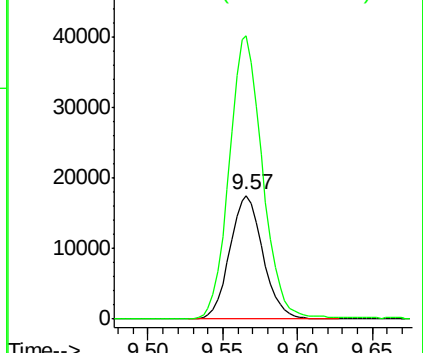
106 100

91 228.6 159.8 296.8



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0



#56

Isopropylbenzene

Concen: 0.399 ug/L

RT: 9.95 min Scan# 2757

Delta R.T. 0.00 min

Lab File: VV015859.D

Acq: 01 May 2020 15:43

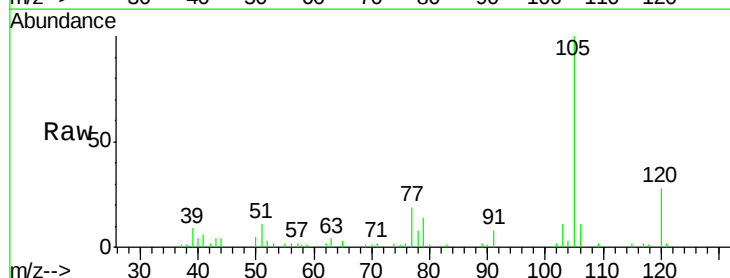
Tgt Ion:105 Resp: 16368

Ion Ratio Lower Upper

105 100

120 26.5 20.7 31.1

77 18.7 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

