

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV061120\
 Data File : VV016844.D
 Acq On : 11 Jun 2020 22:24
 Operator : SY/MD
 Sample : L2914-15
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9E27

Quant Time: Jun 12 06:41:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 12 05:55:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	340549	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	321635	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	161710	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	106438	44.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.58%
7) Chloroethane-d5	1.56	69	74321	51.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.08%
11) 1,1-Dichloroethene-d2	2.12	63	143075	35.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.92%
21) 2-Butanone-d5	3.89	46	160018	89.97	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.97%
24) Chloroform-d	4.37	84	219500	44.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.84%
26) 1,2-Dichloroethane-d4	5.05	65	159657	48.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.08%
32) Benzene-d6	5.07	84	428845	46.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.50%
36) 1,2-Dichloropropane-d6	6.09	67	131181	45.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.78%
41) Toluene-d8	7.34	98	388282	45.64	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.28%
43) trans-1,3-Dichloropropene-	7.64	79	63090	41.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.82%
47) 2-Hexanone-d5	8.11	63	93668	74.34	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	74.34%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	174808	45.69	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.38%
64) 1,2-Dichlorobenzene-d4	11.65	152	169213	49.03	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.06%

Target Compounds

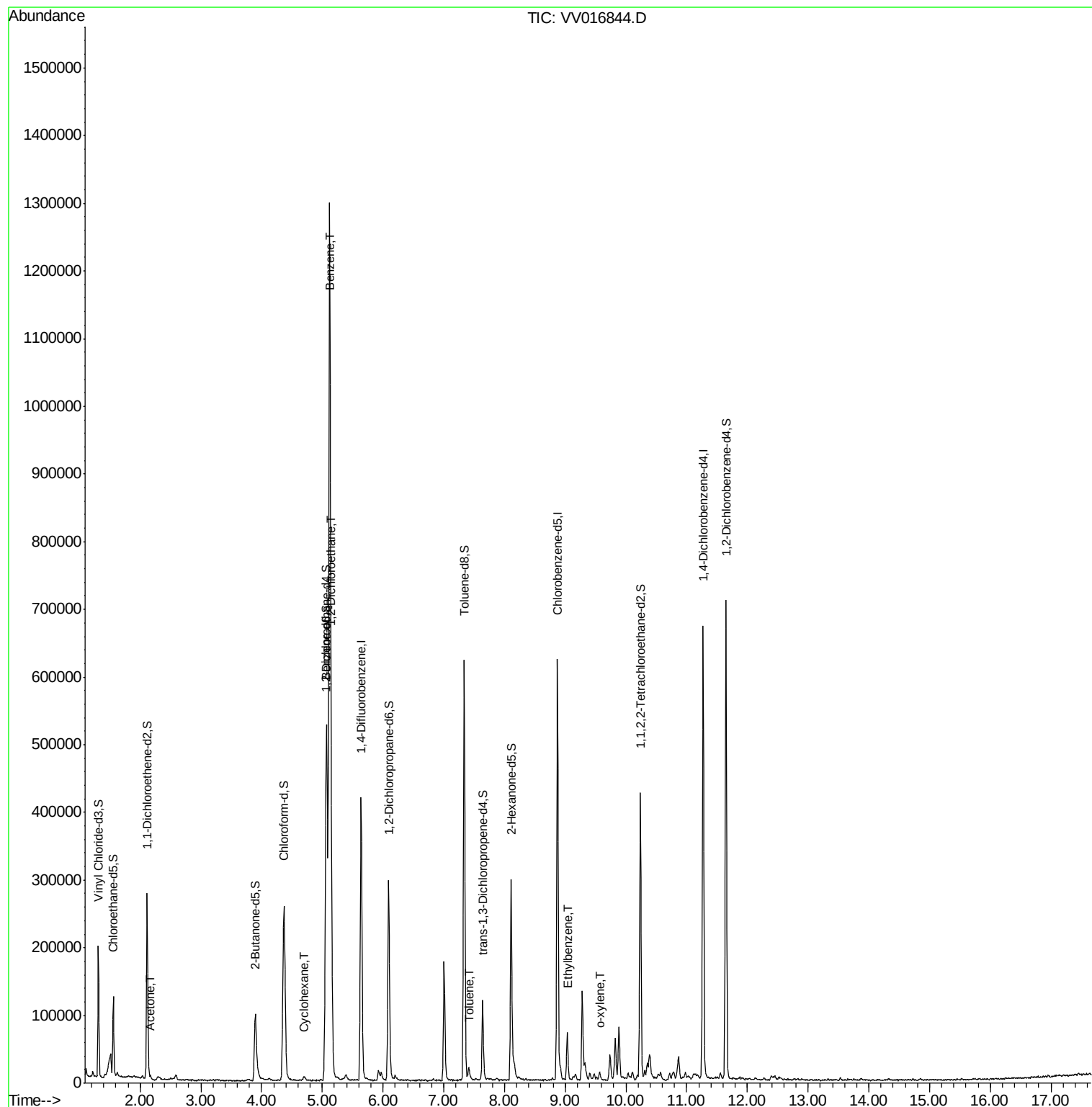
					Qvalue
13) Acetone	2.17	43	4197	3.582 ug/L	97
27) 1,2-Dichloroethane	5.15	62	163608	43.779 ug/L	99
29) Cyclohexane	4.70	56	2366	0.592 ug/L #	66
33) Benzene	5.12	78	1224712	128.697 ug/L	100
42) Toluene	7.41	91	12628	1.259 ug/L	96
52) Ethylbenzene	9.04	91	47704	4.293 ug/L	95
54) o-xylene	9.57	106	2686	0.658 ug/L	88

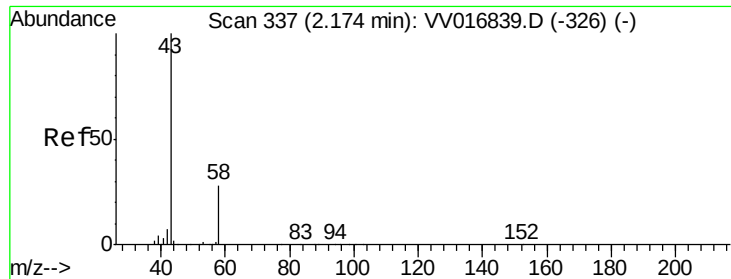
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.582 ug/L

RT: 2.17 min Scan# 336

Delta R.T. -0.00 min

Lab File: VV016844.D

Acq: 11 Jun 2020 22:24

Instrument :

MSVOA_V

ClientSampleId :

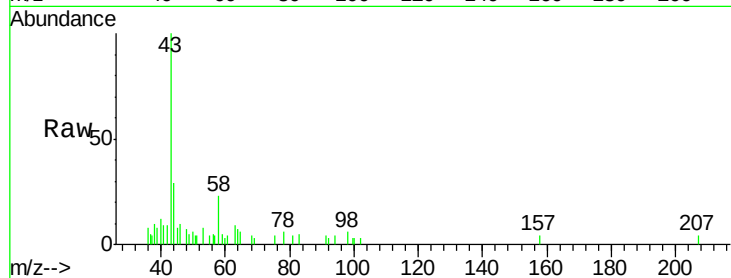
F9E27

Tgt Ion: 43 Resp: 4197

Ion Ratio Lower Upper

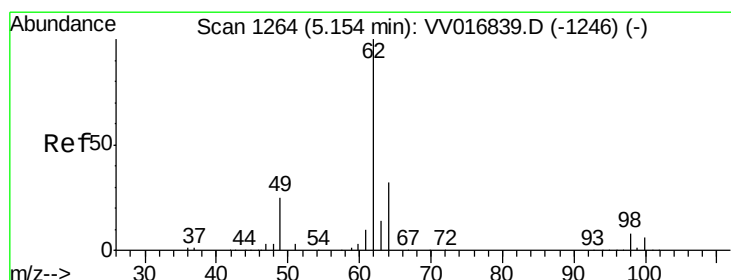
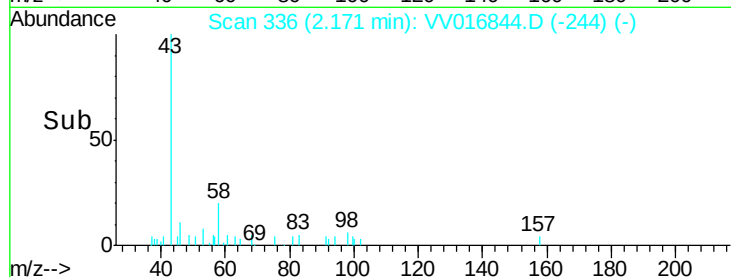
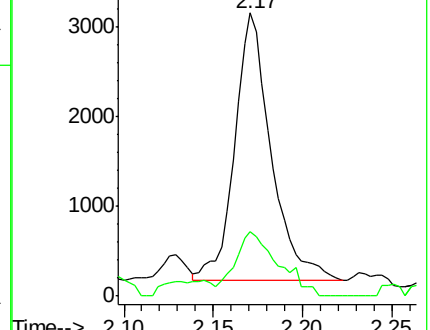
43 100

58 25.9 0.0 55.2



Abundance Ion 43.00 (42.70 to 43.70): VV016839.D (-326) (-)

Ion 58.00 (57.70 to 58.70): VV016839.D (-326) (-)



#27

1,2-Dichloroethane

Concen: 43.779 ug/L

RT: 5.15 min Scan# 1263

Delta R.T. -0.00 min

Lab File: VV016844.D

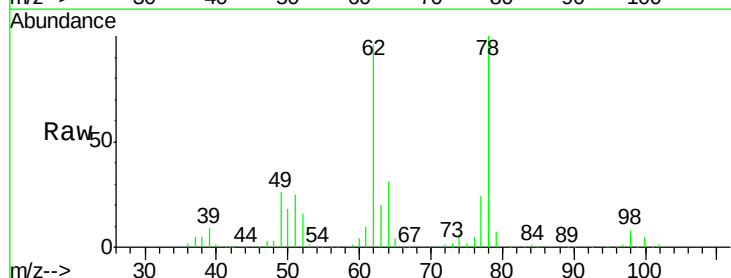
Acq: 11 Jun 2020 22:24

Tgt Ion: 62 Resp: 163608

Ion Ratio Lower Upper

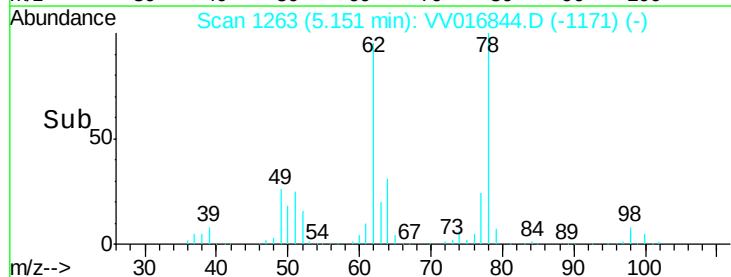
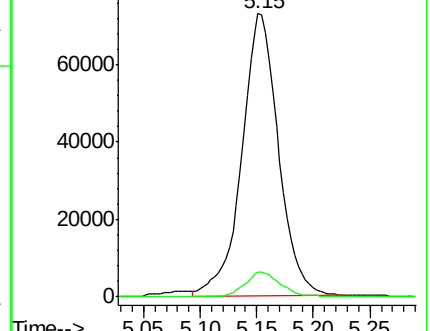
62 100

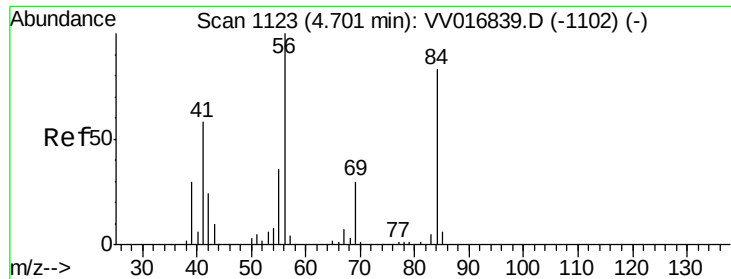
98 8.8 7.4 11.2



Abundance Ion 62.00 (61.70 to 62.70): VV016839.D (-1246) (-)

Ion 98.00 (97.70 to 98.70): VV016839.D (-1246) (-)

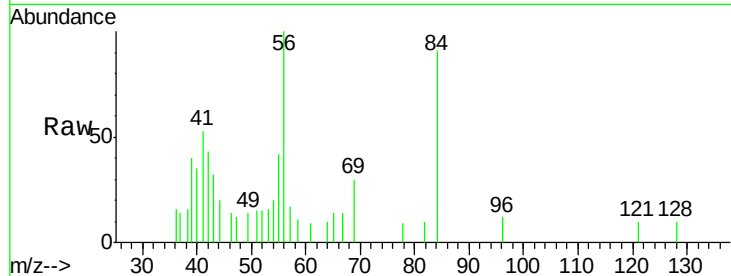




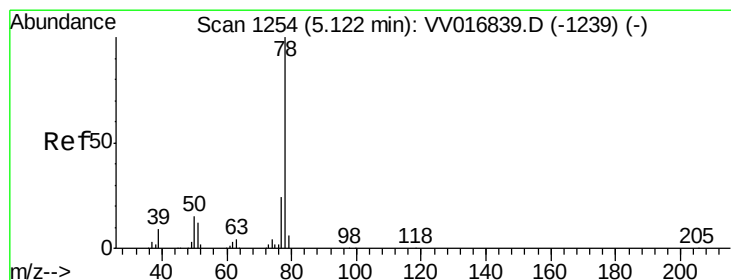
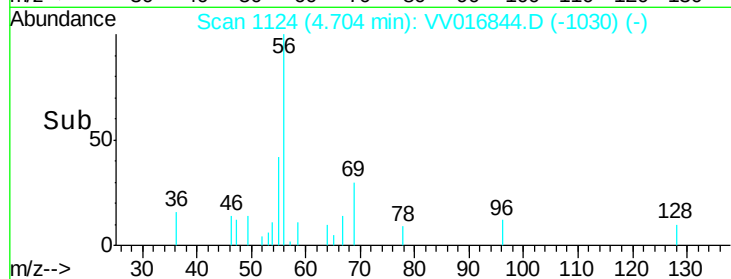
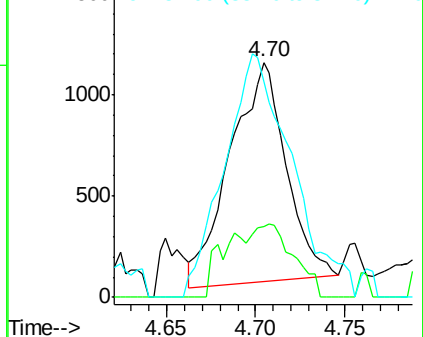
#29
Cyclohexane
Concen: 0.592 ug/L
RT: 4.70 min Scan# 1124
Delta R.T. 0.00 min
Lab File: VV016844.D
Acq: 11 Jun 2020 22:24

Instrument :
MSVOA_V
ClientSampleId :
F9E27

Tgt Ion: 56 Resp: 2366
Ion Ratio Lower Upper
56 100
69 24.7 25.0 37.4#
84 125.1 69.5 104.3#

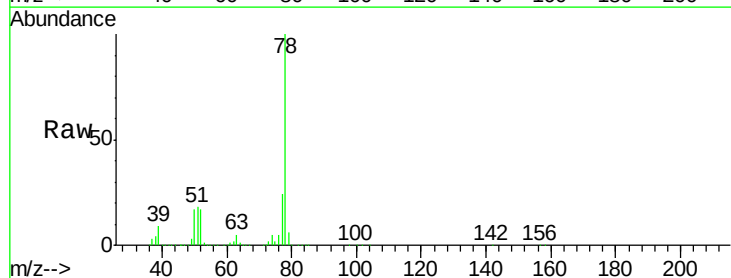


Abundance Ion 56.00 (55.70 to 56.70): VV0
Ion 69.00 (68.70 to 69.70): VV0
Ion 84.00 (83.70 to 84.70): VV0

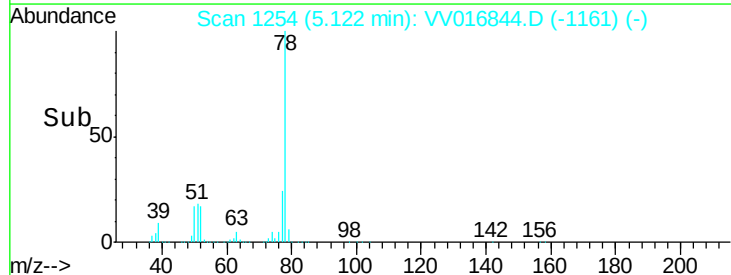
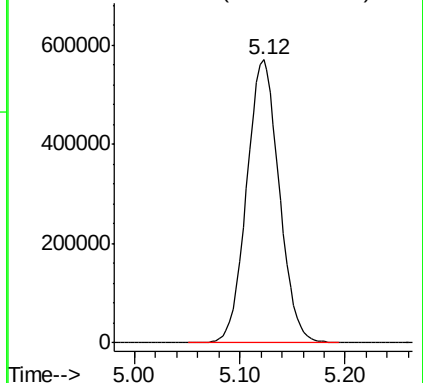


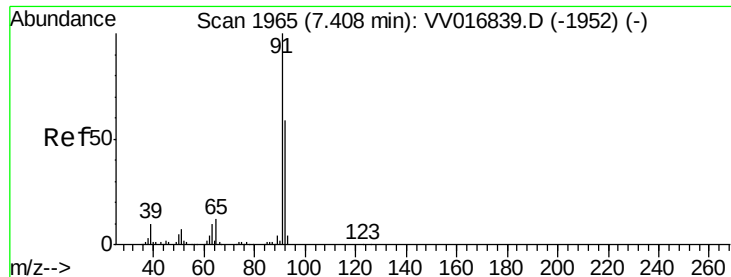
#33
Benzene
Concen: 128.697 ug/L
RT: 5.12 min Scan# 1254
Delta R.T. 0.00 min
Lab File: VV016844.D
Acq: 11 Jun 2020 22:24

Tgt Ion: 78 Resp: 1224712



Abundance Ion 78.00 (77.70 to 78.70): VV0





#42

Toluene

Concen: 1.259 ug/L

RT: 7.41 min Scan# 1966

Delta R.T. 0.00 min

Lab File: VV016844.D

Acq: 11 Jun 2020 22:24

Instrument :

MSVOA_V

ClientSampleId :

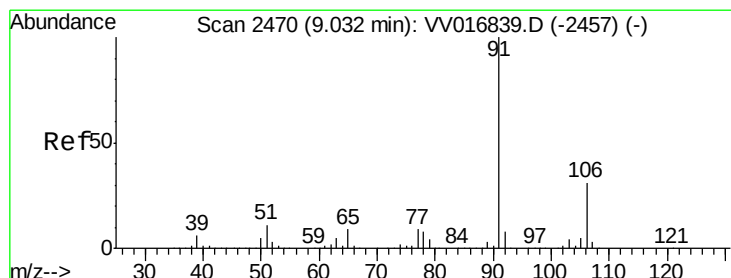
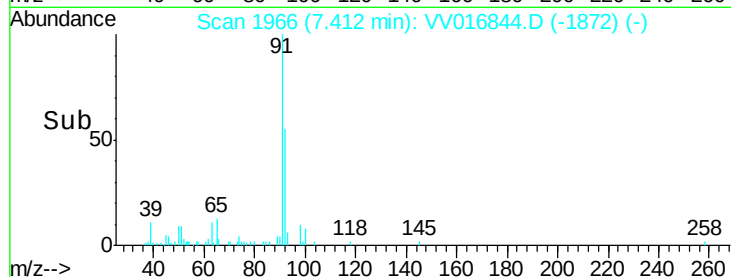
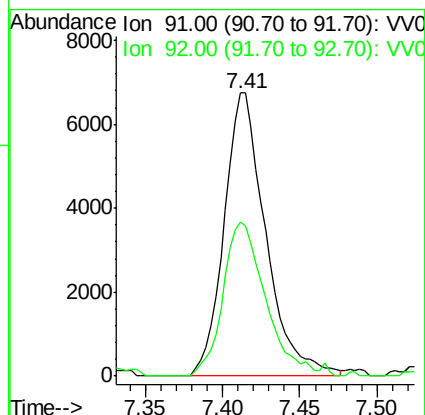
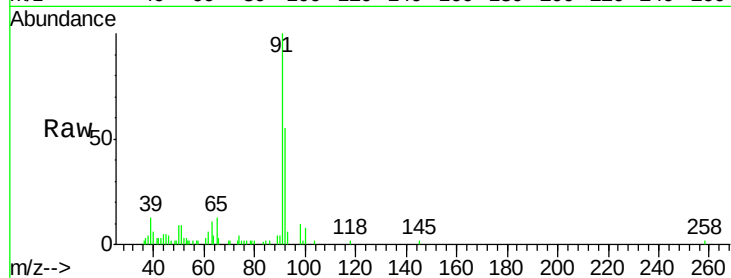
F9E27

Tgt Ion: 91 Resp: 12628

Ion Ratio Lower Upper

91 100

92 54.6 40.4 75.0



#52

Ethylbenzene

Concen: 4.293 ug/L

RT: 9.04 min Scan# 2471

Delta R.T. 0.00 min

Lab File: VV016844.D

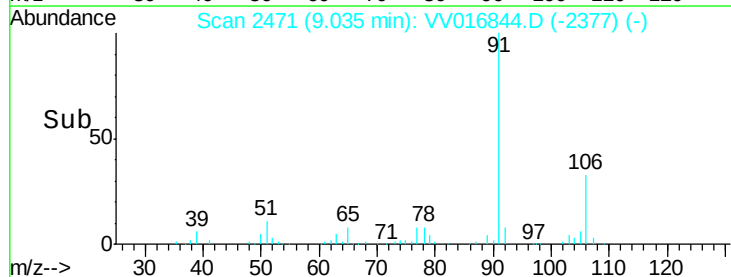
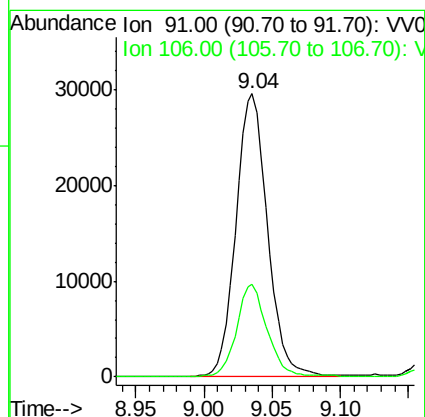
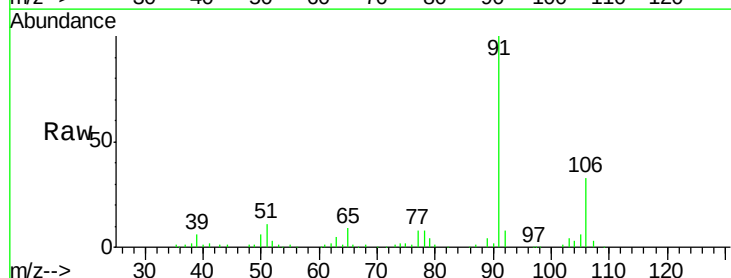
Acq: 11 Jun 2020 22:24

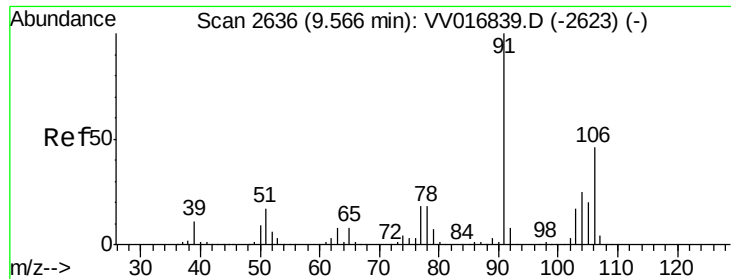
Tgt Ion: 91 Resp: 47704

Ion Ratio Lower Upper

91 100

106 32.6 21.1 39.1





#54
 o-xylene
 Concen: 0.658 ug/L
 RT: 9.57 min Scan# 2636
 Delta R.T. 0.00 min
 Lab File: VV016844.D
 Acq: 11 Jun 2020 22:24

Instrument :
 MSVOA_V
 ClientSampleId :
 F9E27

Tgt Ion:106 Resp: 2686
 Ion Ratio Lower Upper
 106 100
 91 202.5 155.9 289.5

