

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042120\
 Data File : VV015597.D
 Acq On : 21 Apr 2020 13:55
 Operator : SY/MD
 Sample : L2366-02
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 22 00:14:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR040920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Apr 22 00:11:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	141319	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	133590	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	66566	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	35829	4.88	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.60%
7) Chloroethane-d5	1.58	69	34996	5.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.60%
11) 1,1-Dichloroethene-d2	2.12	63	56509	3.66	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.20%
20) 2-Butanone-d5	3.91	46	105141	51.07	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.14%
24) Chloroform-d	4.38	84	77457	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.40%
26) 1,2-Dichloroethane-d4	5.06	65	45077	5.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.00%
32) Benzene-d6	5.08	84	151530	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.20%
36) 1,2-Dichloropropane-d6	6.10	67	47427	5.14	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.80%
41) Toluene-d8	7.34	98	140820	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.60%
43) trans-1,3-Dichloropropene-	7.64	79	16820	4.19	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.80%
46) 2-Hexanone-d5	8.11	63	82659	42.69	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.38%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	33187	4.53	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.60%
64) 1,2-Dichlorobenzene-d4	11.65	152	53873	5.04	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.80%

Target Compounds

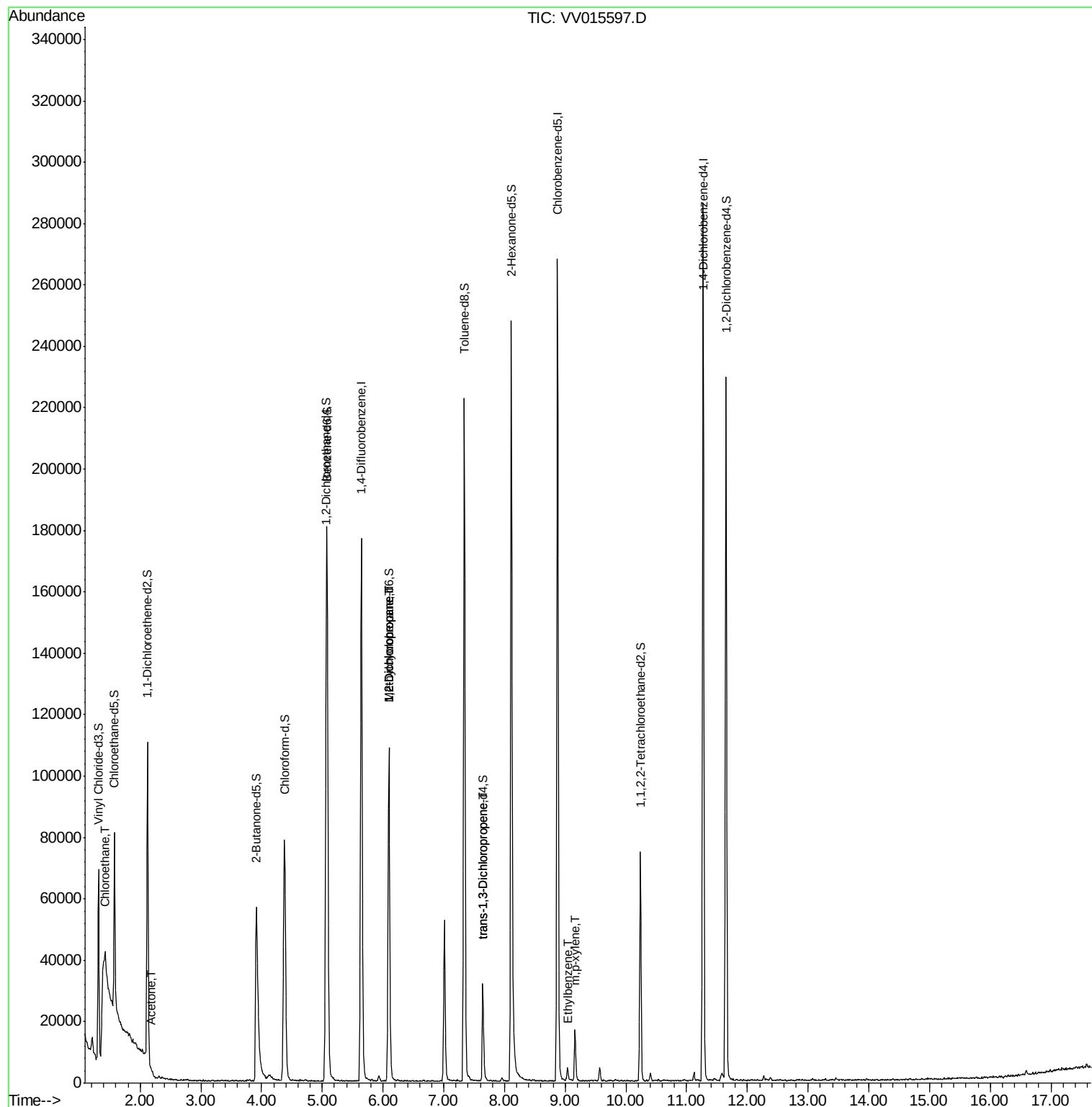
					Ovalue
8) Chloroethane	1.42	64	110958	14.916	ug/L # 52
13) Acetone	2.20	43	1777	1.222	ug/L # 40
35) Methylcyclohexane	6.10	83	12040	0.664	ug/L # 16
37) 1,2-Dichloropropane	6.10	63	6181	0.623	ug/L # 86
44) trans-1,3-Dichloropropene	7.64	75	929	0.072	ug/L # 81
52) Ethylbenzene	9.04	91	3277	0.066	ug/L 90
53) m,p-xylene	9.16	106	4282	0.227	ug/L 98

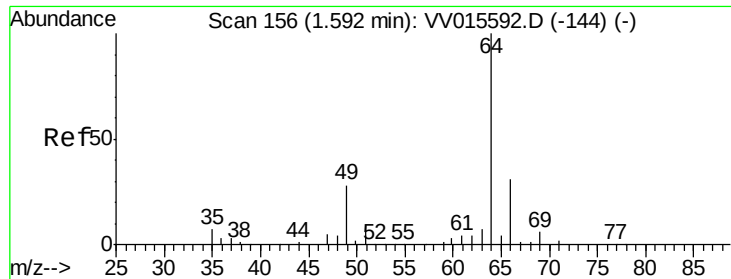
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 14.916 ug/L

RT: 1.42 min Scan# 103

Delta R.T. -0.17 min

Lab File: VV015597.D

Acq: 21 Apr 2020 13:55

Instrument :

MSVOA_V

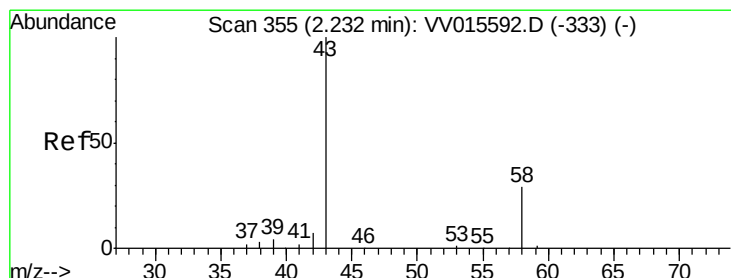
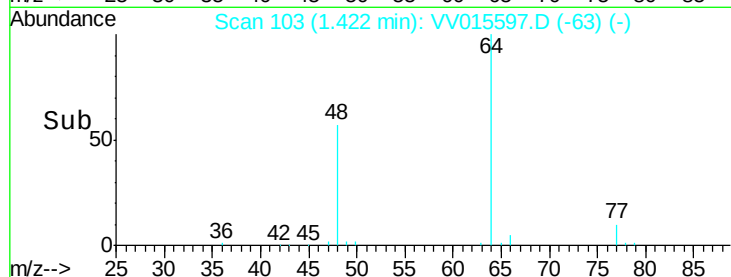
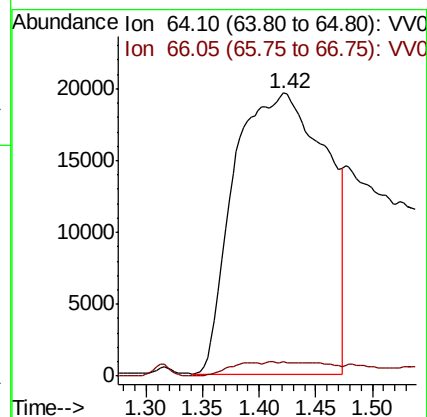
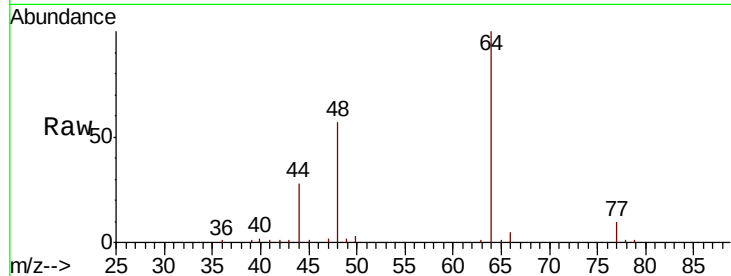
ClientSampleId :

Tot Ion: 64 Resp: 110958

Ion Ratio Lower Upper

64 100

66 5.0 22.3 41.5#



#13

Acetone

Concen: 1.222 ug/L

RT: 2.20 min Scan# 344

Delta R.T. -0.04 min

Lab File: VV015597.D

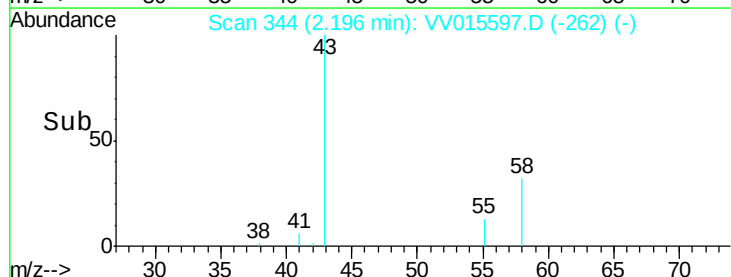
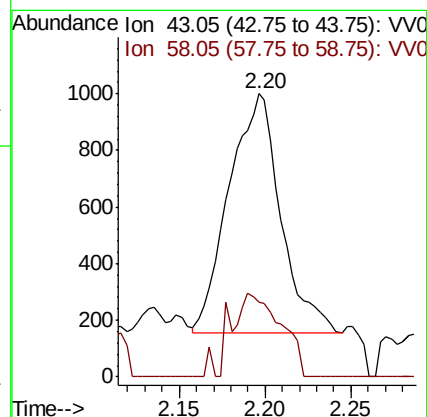
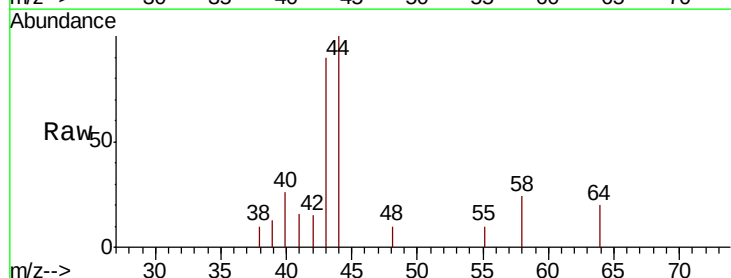
Acq: 21 Apr 2020 13:55

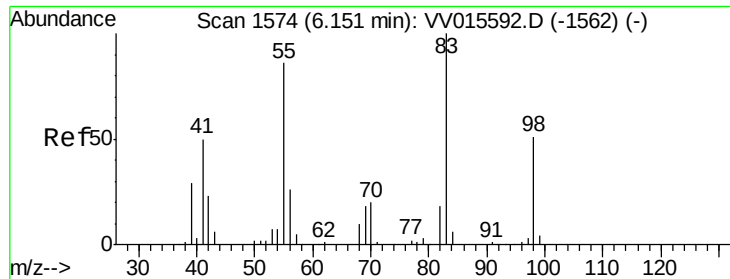
Tgt Ion: 43 Resp: 1777

Ion Ratio Lower Upper

43 100

58 33.8 0.0 22.2#

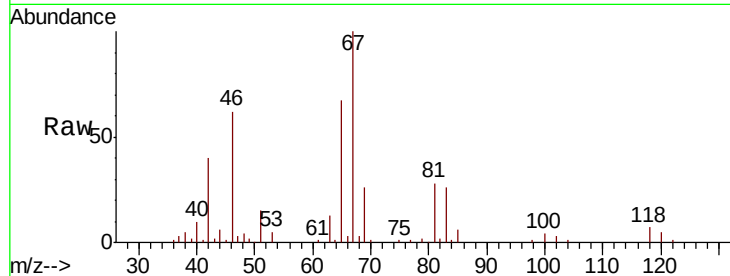




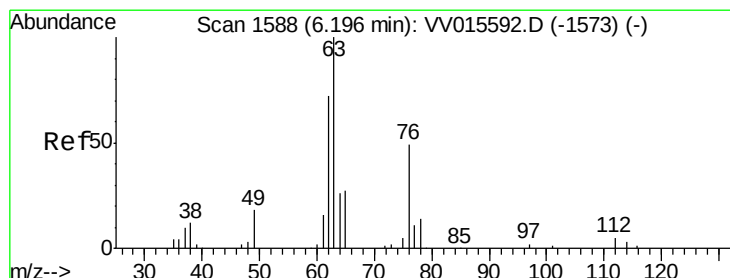
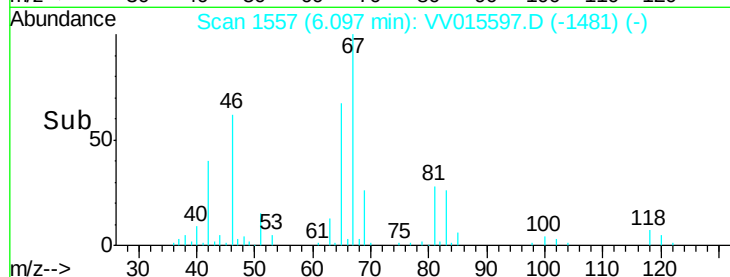
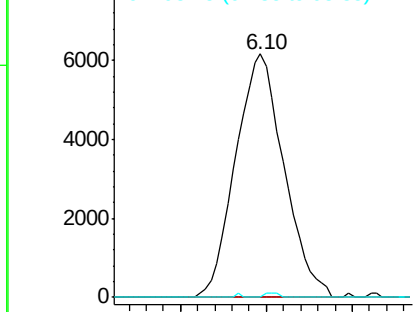
#35
Methvlcvclohexane
Concen: 0.664 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.05 min
Lab File: VV015597.D
Acq: 21 Apr 2020 13:55

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 83 Resp: 12040
Ion Ratio Lower Upper
83 100
55 0.0 66.6 99.8#
98 0.6 38.7 58.1#

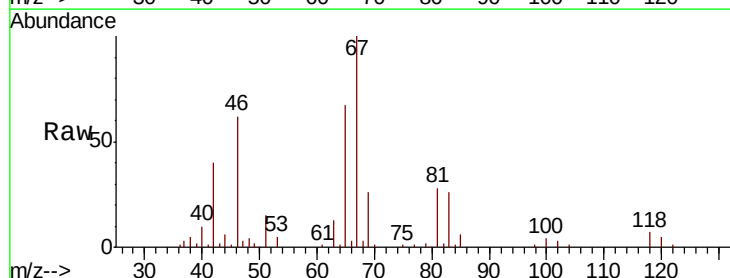


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

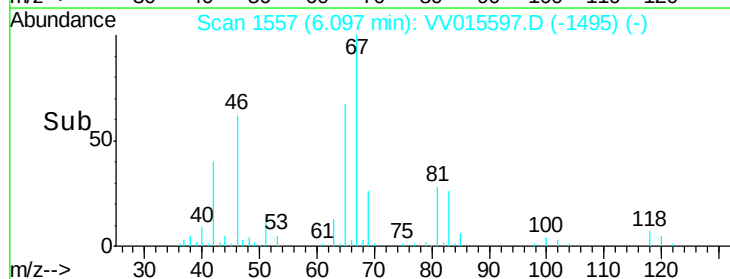
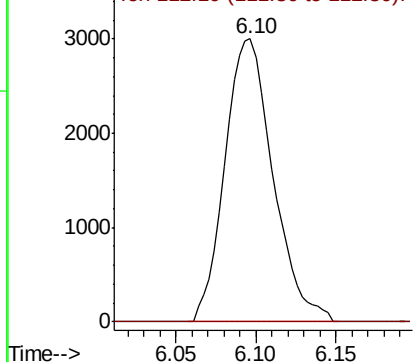


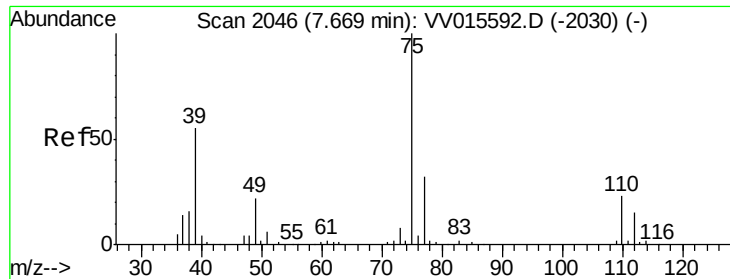
#37
1,2-Dichloropropane
Concen: 0.623 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.10 min
Lab File: VV015597.D
Acq: 21 Apr 2020 13:55

Tgt Ion: 63 Resp: 6181
Ion Ratio Lower Upper
63 100
112 0.0 3.6 5.4#



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 112.10 (111.80 to 112.80): V





#44

trans-1,3-Dichloropropene

Concen: 0.072 ug/L

RT: 7.64 min Scan# 2038

Delta R.T. -0.03 min

Lab File: VV015597.D

Acq: 21 Apr 2020 13:55

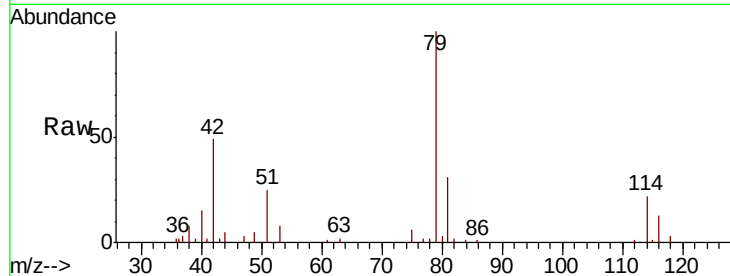
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 75 Resp: 929

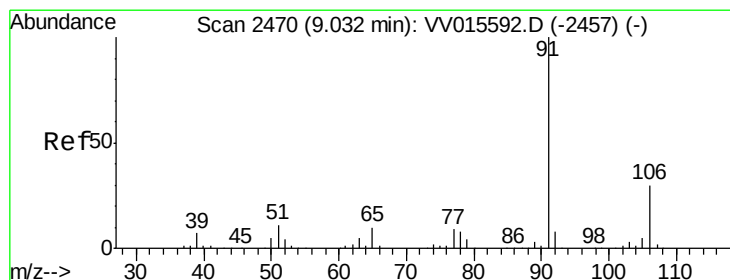
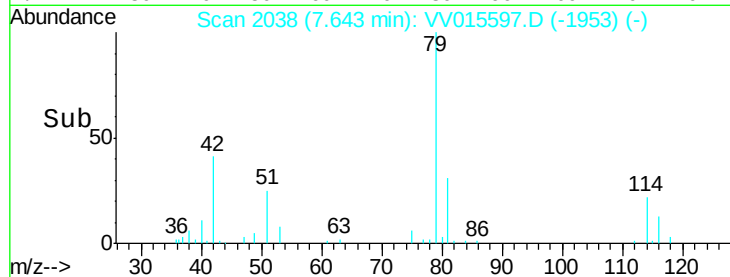
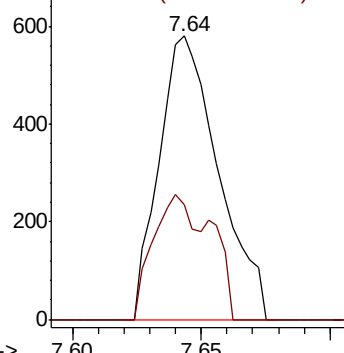
Ion Ratio Lower Upper

75 100

77 40.3 21.0 39.0#



Abundance Ion 75.05 (74.75 to 75.75): VV0
Ion 77.05 (76.75 to 77.75): VV0



#52

Ethylbenzene

Concen: 0.066 ug/L

RT: 9.04 min Scan# 2472

Delta R.T. 0.01 min

Lab File: VV015597.D

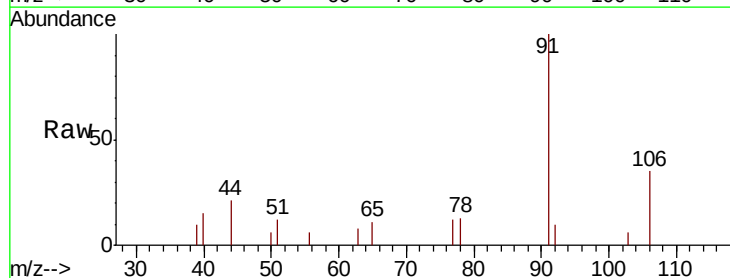
Acq: 21 Apr 2020 13:55

Tgt Ion: 91 Resp: 3277

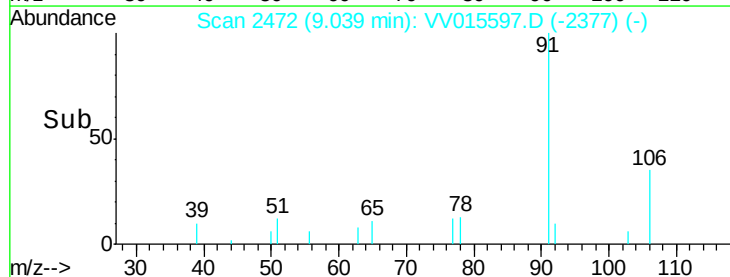
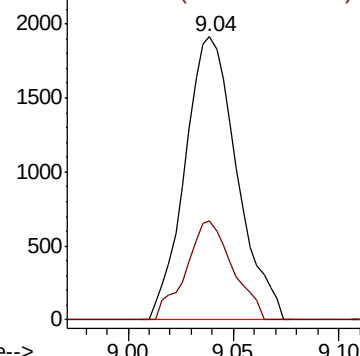
Ion Ratio Lower Upper

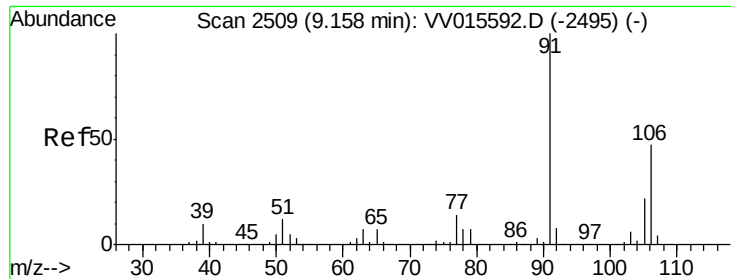
91 100

106 35.1 20.8 38.6



Abundance Ion 91.15 (90.85 to 91.85): VV0
Ion 106.15 (105.85 to 106.85): V





#53

m,p-xylene

Concen: 0.227 ug/L

RT: 9.16 min Scan# 2511

Delta R.T. 0.01 min

Lab File: VV015597.D

Acq: 21 Apr 2020 13:55

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:106 Resp: 4282

Ion Ratio Lower Upper

106 100

91 213.8 147.9 274.7

