

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060620\
 Data File : VV016634.D
 Acq On : 07 Jun 2020 10:55
 Operator : SY/MD
 Sample : L2861-12DL 40X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9E45DL

Quant Time: Jun 08 05:45:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jun 08 05:42:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	369309	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	342428	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	162229	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	108384	41.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.86%
7) Chloroethane-d5	1.57	69	74057	39.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	78.44%
11) 1,1-Dichloroethene-d2	2.12	63	145878	31.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.92%
21) 2-Butanone-d5	3.90	46	168279	100.61	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.61%
24) Chloroform-d	4.37	84	228177	46.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.96%
26) 1,2-Dichloroethane-d4	5.05	65	165114	50.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.46%
32) Benzene-d6	5.07	84	456537	49.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.54%
36) 1,2-Dichloropropane-d6	6.09	67	144493	50.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.12%
41) Toluene-d8	7.34	98	414391	49.74	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.48%
43) trans-1,3-Dichloropropene-	7.64	79	61600	44.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.46%
47) 2-Hexanone-d5	8.11	63	122783	100.31	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.31%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	178867	46.14	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.28%
64) 1,2-Dichlorobenzene-d4	11.65	152	160886	52.77	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.54%

Target Compounds

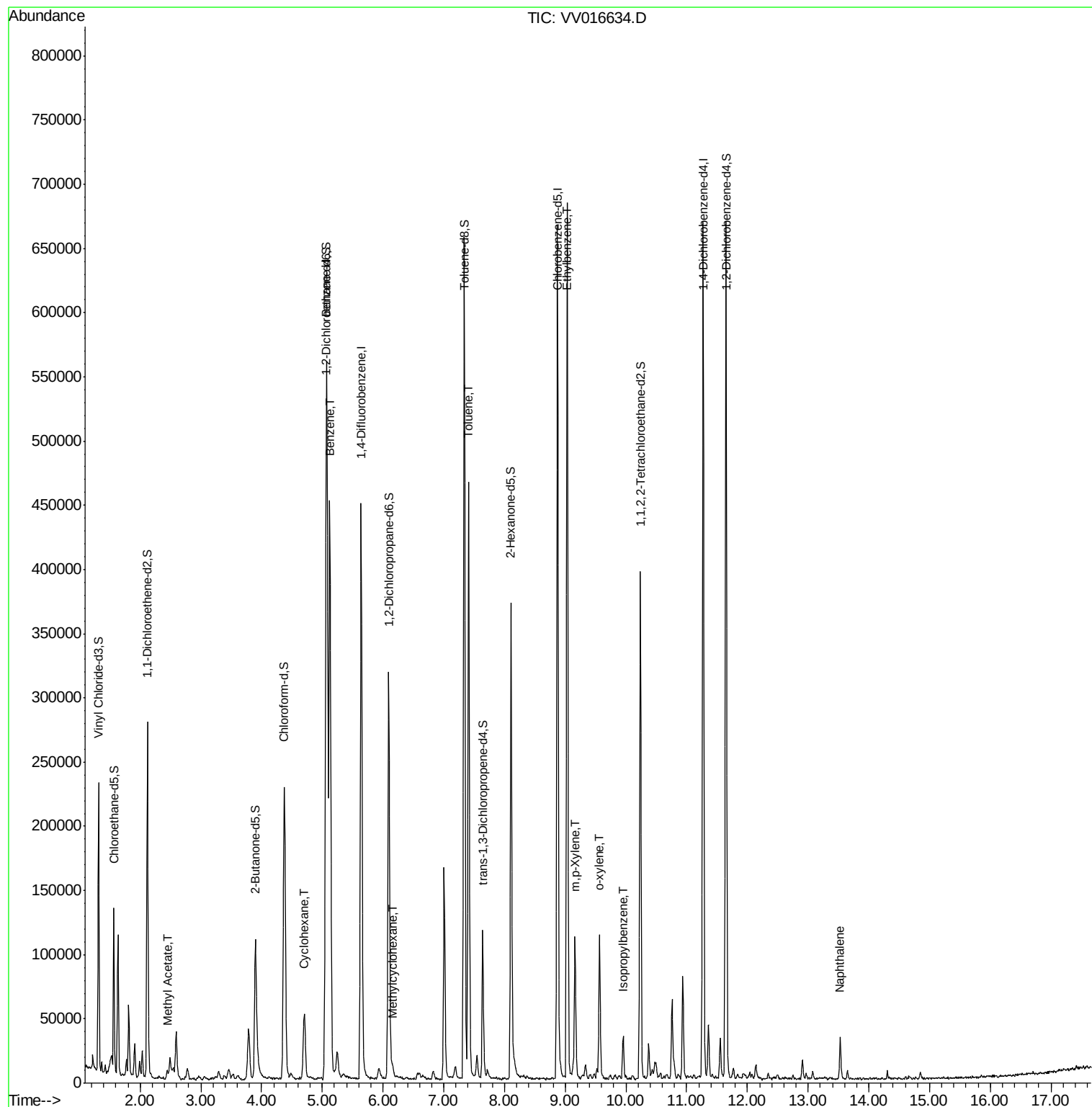
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Methyl Acetate	2.44	43	2371	0.825	ug/L #	53
29) Cyclohexane	4.70	56	27636	6.800	ug/L	99
33) Benzene	5.12	78	438034	43.496	ug/L	100
35) Methylcyclohexane	6.15	83	2709	0.714	ug/L #	84
42) Toluene	7.41	91	326392	30.586	ug/L	98
52) Ethylbenzene	9.03	91	458854	39.507	ug/L	100
53) m,p-Xylene	9.16	106	29071	6.638	ug/L	96
54) o-xylene	9.57	106	28656	6.756	ug/L	99
56) Isopropylbenzene	9.95	105	19495	1.770	ug/L	98
69) Naphthalene	13.53	128	23798	2.477	ug/L	98

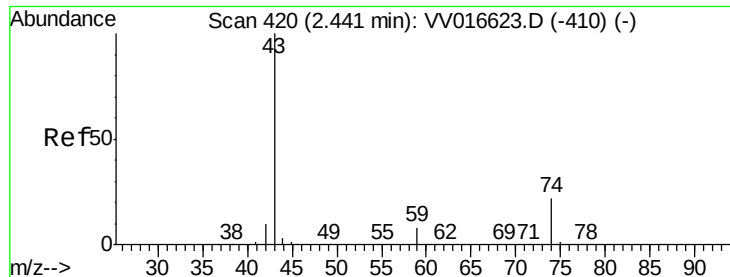
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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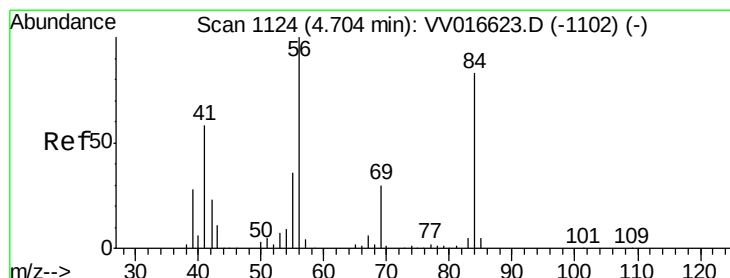
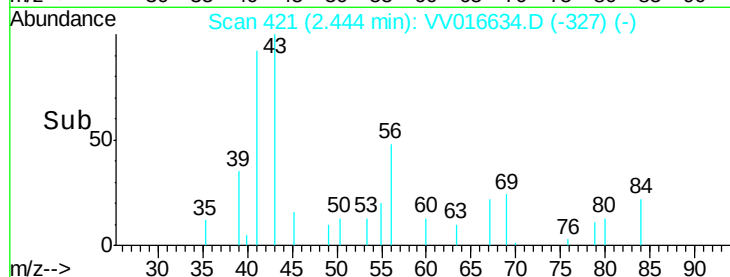
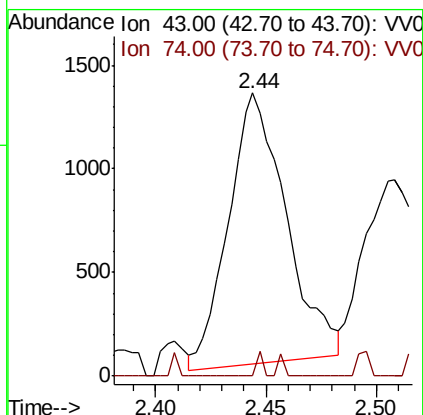
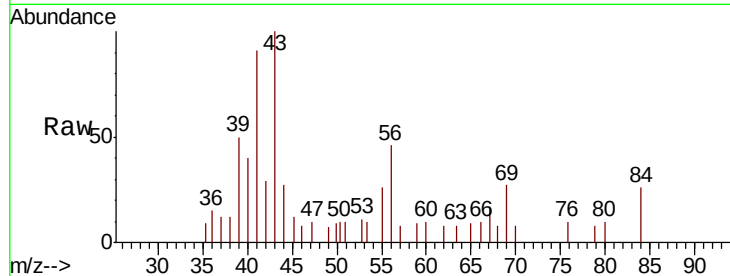




#15
Methvl Acetate
Concen: 0.825 ug/L
RT: 2.44 min Scan# 421
Delta R.T. 0.00 min
Lab File: VV016634.D
Acq: 07 Jun 2020 10:55

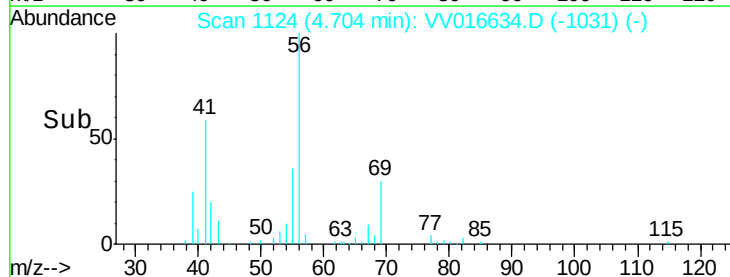
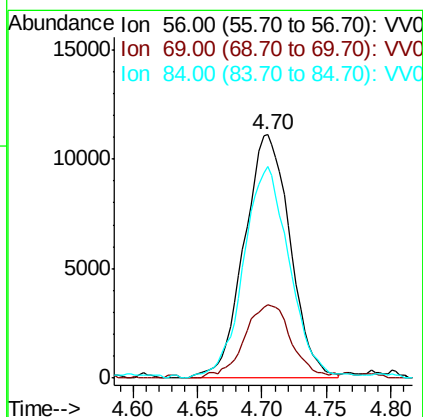
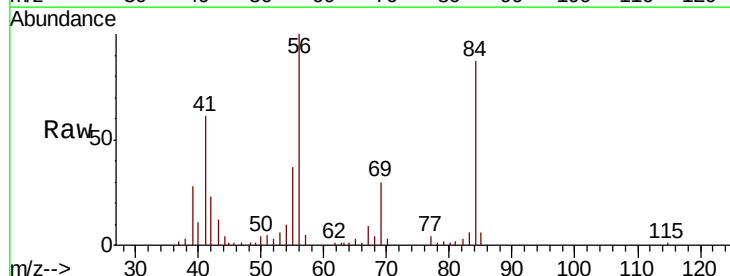
Instrument :
MSVOA_V
ClientSampleId :
F9E45DL

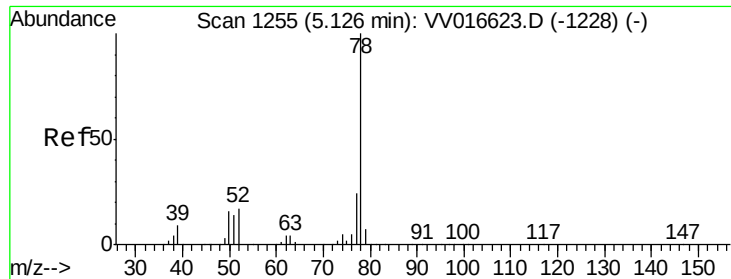
Tot Ion: 43 Resp: 2371
Ion Ratio Lower Upper
43 100
74 0.0 18.1 27.1#



#29
Cyclohexane
Concen: 6.800 ug/L
RT: 4.70 min Scan# 1124
Delta R.T. -0.00 min
Lab File: VV016634.D
Acq: 07 Jun 2020 10:55

Tgt Ion: 56 Resp: 27636
Ion Ratio Lower Upper
56 100
69 30.1 23.9 35.9
84 86.4 68.2 102.2





#33

Benzene

Concen: 43.496 ug/L

RT: 5.12 min Scan# 1254

Delta R.T. -0.00 min

Lab File: VV016634.D

Acq: 07 Jun 2020 10:55

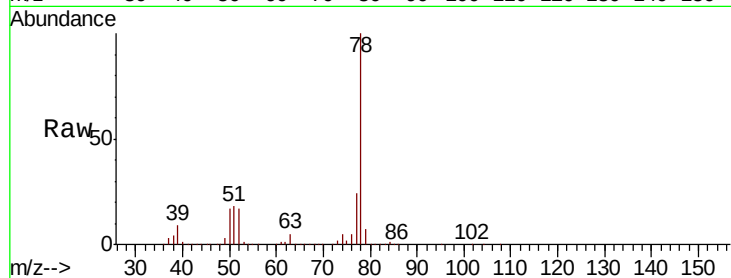
Instrument :

MSVOA_V

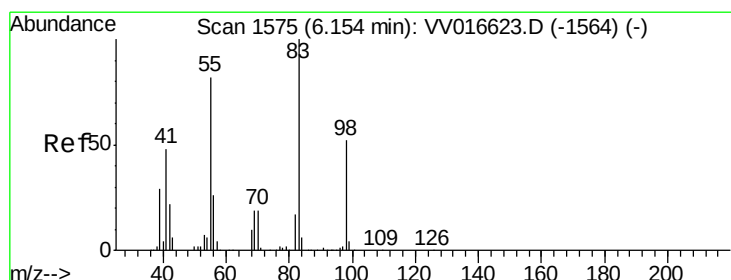
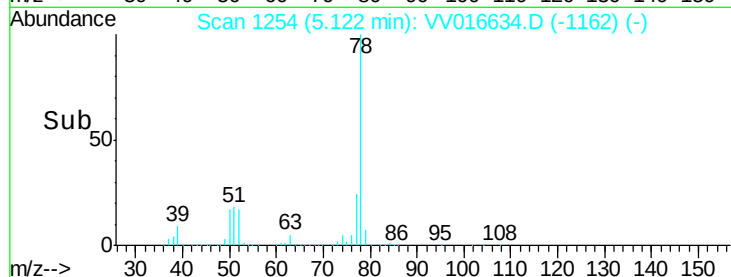
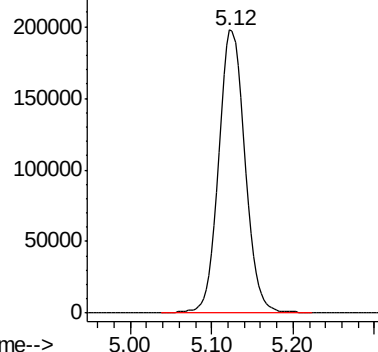
ClientSampleId :

F9E45DL

Tgt Ion: 78 Resp: 438034



Abundance Ion 78.00 (77.70 to 78.70): VV0



#35

Methylcyclohexane

Concen: 0.714 ug/L

RT: 6.15 min Scan# 1575

Delta R.T. -0.00 min

Lab File: VV016634.D

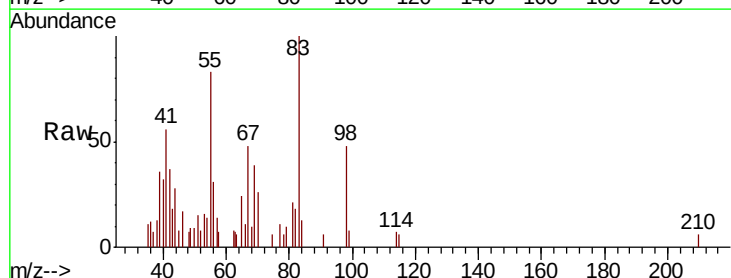
Acq: 07 Jun 2020 10:55

Tgt Ion: 83 Resp: 2709

Ion	Ratio	Lower	Upper
83	100		

55	100.4	63.4	95.0#
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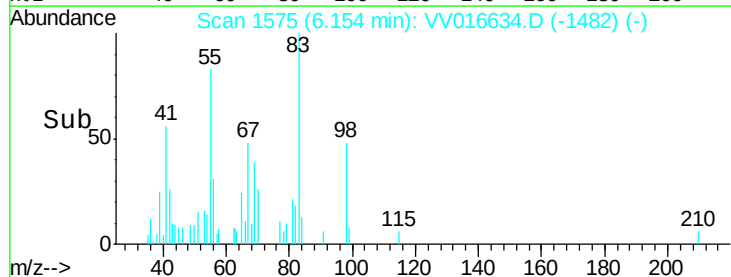
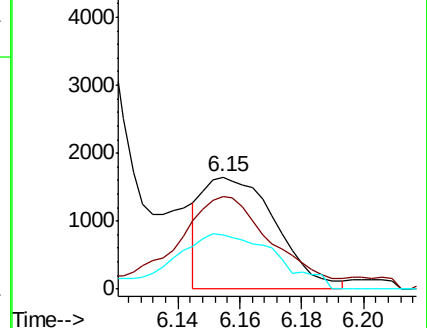
98	51.0	39.4	59.0
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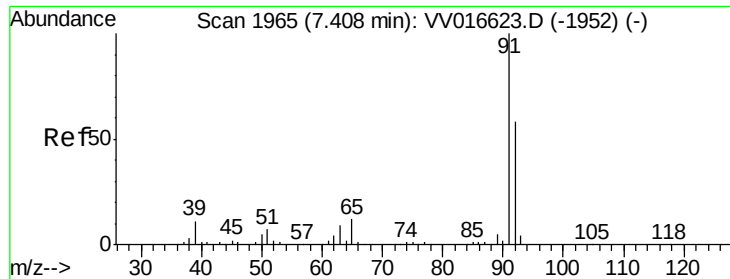


Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 55.00 (54.70 to 55.70): VV0

Ion 98.00 (97.70 to 98.70): VV0





#42

Toluene

Concen: 30.586 ug/L

RT: 7.41 min Scan# 1965

Delta R.T. -0.00 min

Lab File: VV016634.D

Acq: 07 Jun 2020 10:55

Instrument :

MSVOA_V

ClientSampled :

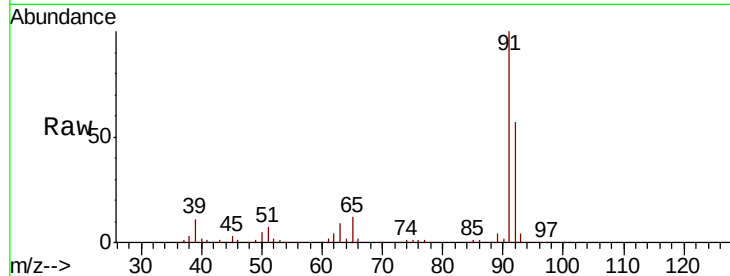
F9E45DL

Tot Ion: 91 Resp: 326392

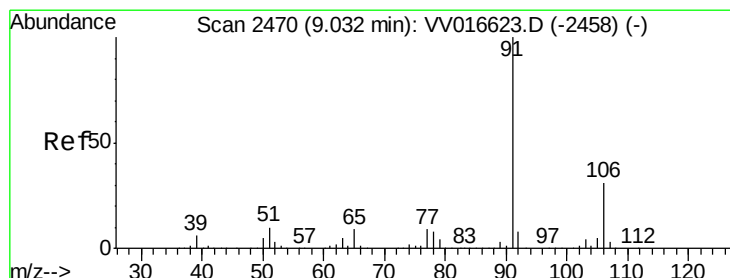
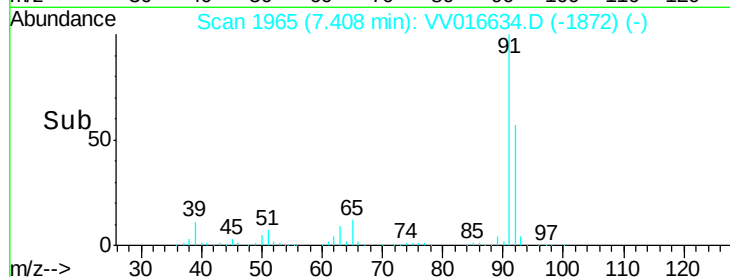
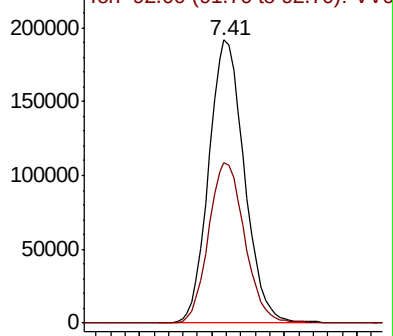
Ion Ratio Lower Upper

91 100

92 56.8 40.9 75.9



Abundance Ion 91.00 (90.70 to 91.70): VV016634.D (-1872) (-)



#52

Ethylbenzene

Concen: 39.507 ug/L

RT: 9.03 min Scan# 2470

Delta R.T. -0.00 min

Lab File: VV016634.D

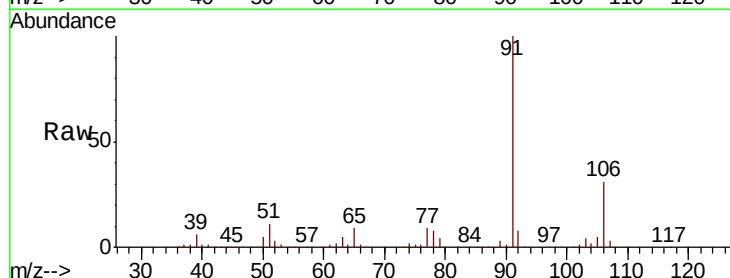
Acq: 07 Jun 2020 10:55

Tgt Ion: 91 Resp: 458854

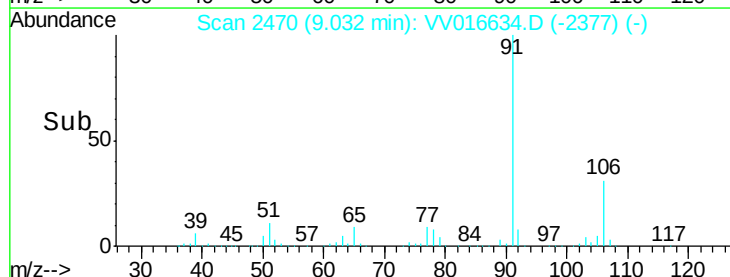
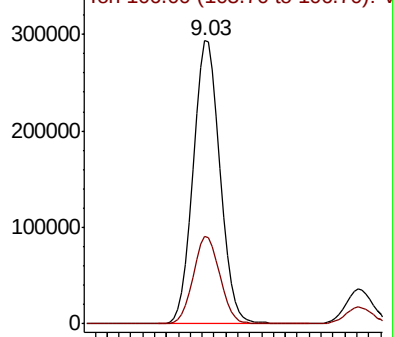
Ion Ratio Lower Upper

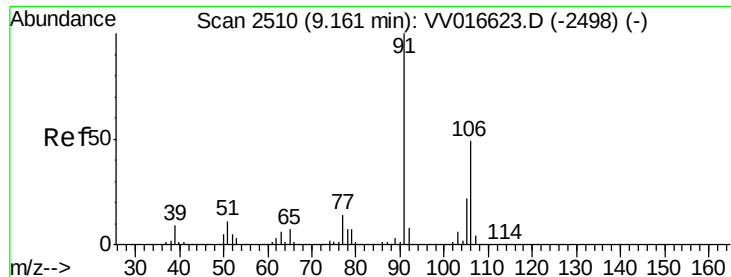
91 100

106 30.9 21.8 40.4



Abundance Ion 91.00 (90.70 to 91.70): VV016634.D (-2377) (-)





#53

m,p-Xylene

Concen: 6.638 ug/L

RT: 9.16 min Scan# 2510

Delta R.T. -0.00 min

Lab File: VV016634.D

Acq: 07 Jun 2020 10:55

Instrument :

MSVOA_V

ClientSampleId :

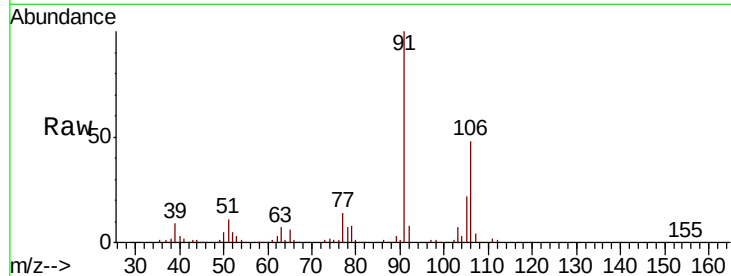
F9E45DL

Tot Ion:106 Resp: 29071

Ion Ratio Lower Upper

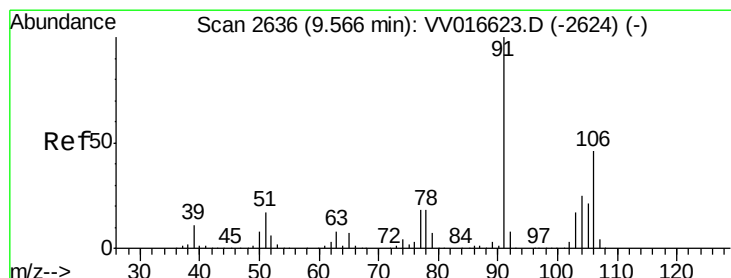
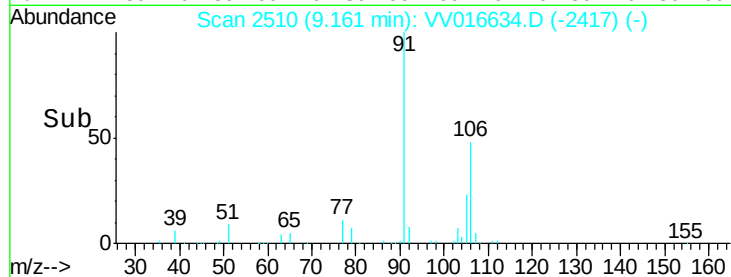
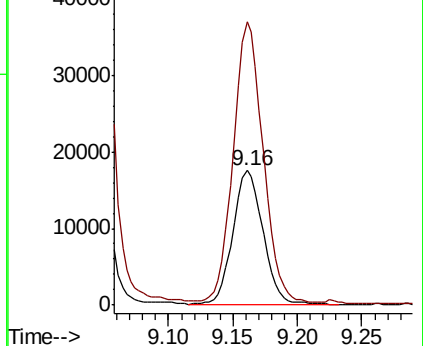
106 100

91 210.0 142.5 264.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0



#54

o-xylene

Concen: 6.756 ug/L

RT: 9.57 min Scan# 2636

Delta R.T. -0.00 min

Lab File: VV016634.D

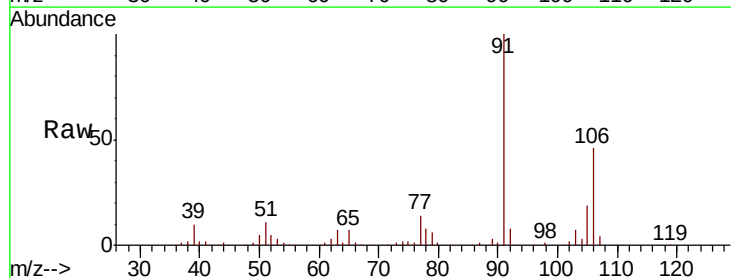
Acq: 07 Jun 2020 10:55

Tgt Ion:106 Resp: 28656

Ion Ratio Lower Upper

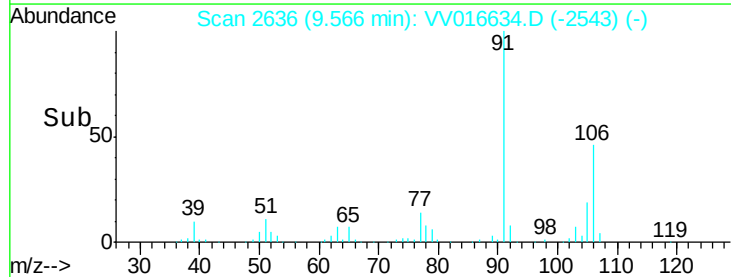
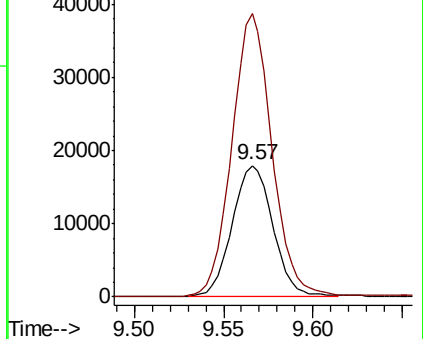
106 100

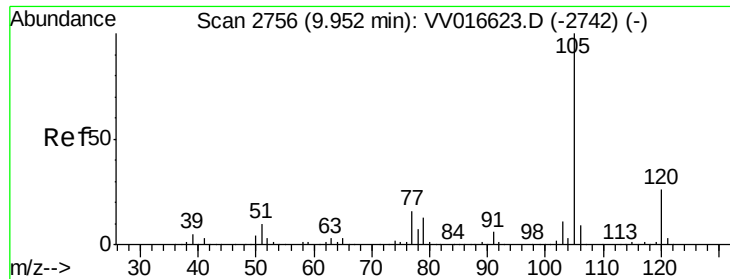
91 215.9 152.5 283.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0





#56

Isopropylbenzene

Concen: 1.770 ug/L

RT: 9.95 min Scan# 2757

Delta R.T. 0.00 min

Lab File: VV016634.D

Acq: 07 Jun 2020 10:55

Instrument :

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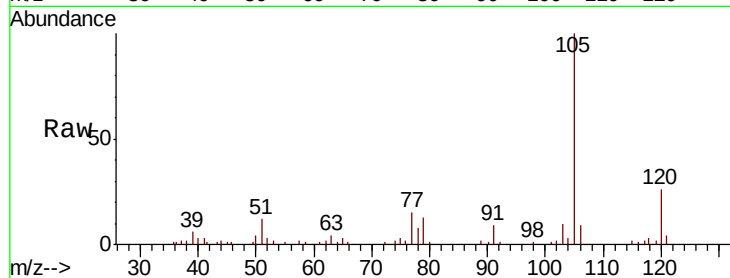
Tot Ion:105 Resp: 19495

Ion Ratio Lower Upper

105 100

120 26.4 21.0 31.6

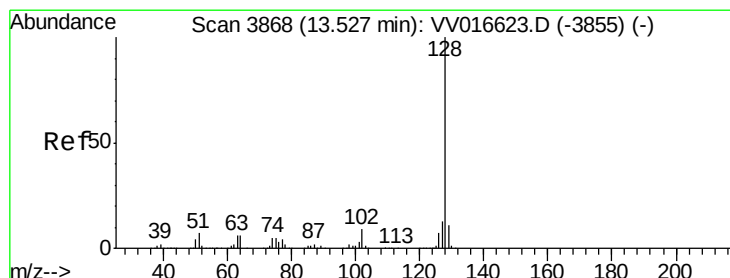
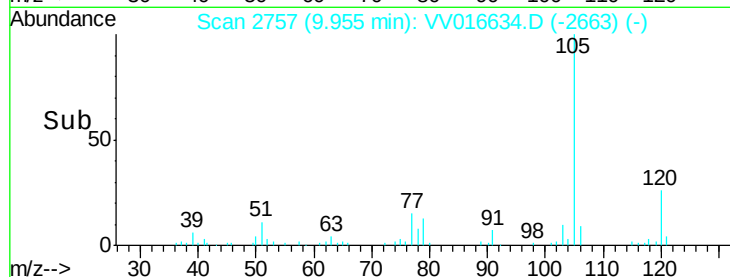
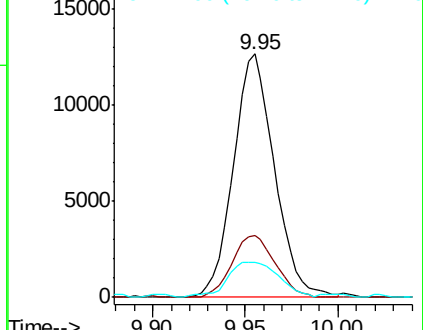
77 18.2 13.0 19.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): V



#69

Naphthalene

Concen: 2.477 ug/L

RT: 13.53 min Scan# 3869

Delta R.T. 0.00 min

Lab File: VV016634.D

Acq: 07 Jun 2020 10:55

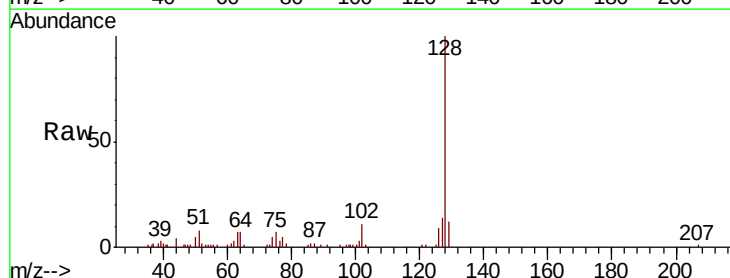
Tgt Ion:128 Resp: 23798

Ion Ratio Lower Upper

128 100

127 13.2 10.2 15.4

129 11.8 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

