

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061120\
 Data File : VV016828.D
 Acq On : 11 Jun 2020 15:42
 Operator : SY/MD
 Sample : L2916-01 200X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 12 01:32:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 12 01:27:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	345886	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	327738	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	168181	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	106956	43.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.64%
7) Chloroethane-d5	1.55	69	73264	50.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.06%
11) 1,1-Dichloroethene-d2	2.11	63	144264	35.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.40%
21) 2-Butanone-d5	3.90	46	164092	90.84	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.84%
24) Chloroform-d	4.37	84	224347	45.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.42%
26) 1,2-Dichloroethane-d4	5.05	65	159456	47.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.48%
32) Benzene-d6	5.07	84	436311	46.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.36%
36) 1,2-Dichloropropane-d6	6.09	67	134108	45.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.08%
41) Toluene-d8	7.34	98	398389	45.95	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.90%
43) trans-1,3-Dichloropropene-	7.64	79	66899	43.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.24%
47) 2-Hexanone-d5	8.11	63	101661	79.18	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	79.18%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	176090	45.17	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.34%
64) 1,2-Dichlorobenzene-d4	11.65	152	171672	47.83	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.66%

Target Compounds

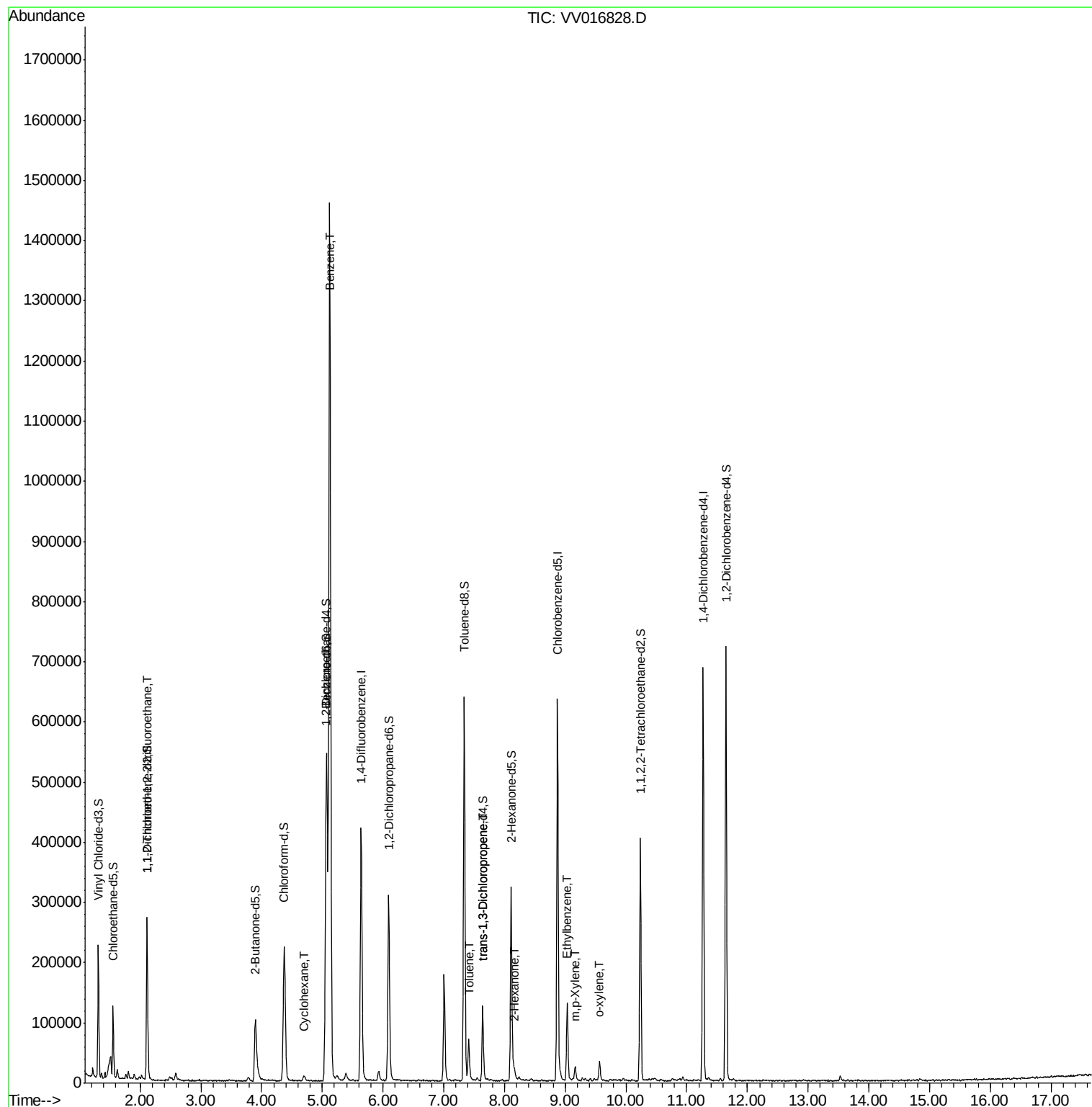
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1335	0.726	ug/L #	21
29) Cyclohexane	4.71	56	4436	1.089	ug/L #	55
33) Benzene	5.12	78	1394152	143.774	ug/L	100
42) Toluene	7.41	91	47758	4.672	ug/L	99
44) trans-1,3-Dichloropropene	7.64	75	3553	0.933	ug/L #	72
48) 2-Hexanone	8.16	43	7783	2.809	ug/L #	88
52) Ethylbenzene	9.03	91	88174	7.787	ug/L	99
53) m,p-Xylene	9.16	106	6259	1.485	ug/L	99
54) o-xylene	9.57	106	8049	1.936	ug/L	93

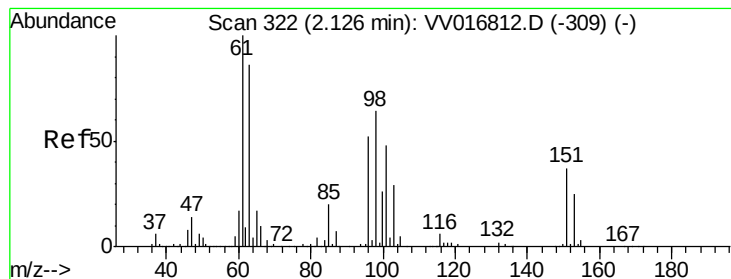
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Jun 12 01:27:40 2020
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.726 ug/L

RT: 2.12 min Scan# 319

Delta R.T. -0.01 min

Lab File: VV016828.D

Acq: 11 Jun 2020 15:42

Instrument :

MSVOA_V

ClientSampled :

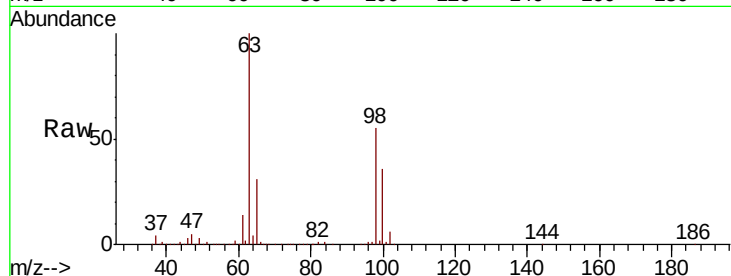
Tot Ion:101 Resp: 1335

Ion Ratio Lower Upper

101 100

85 6.8 35.5 53.3#

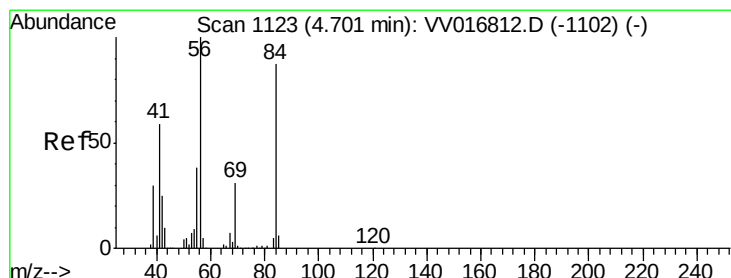
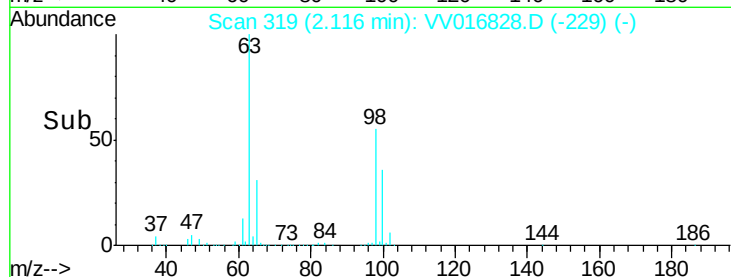
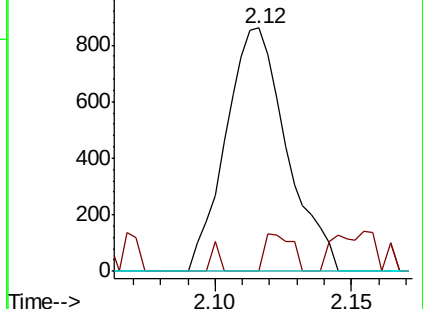
151 0.0 63.9 95.9#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#29

Cyclohexane

Concen: 1.089 ug/L

RT: 4.71 min Scan# 1125

Delta R.T. 0.01 min

Lab File: VV016828.D

Acq: 11 Jun 2020 15:42

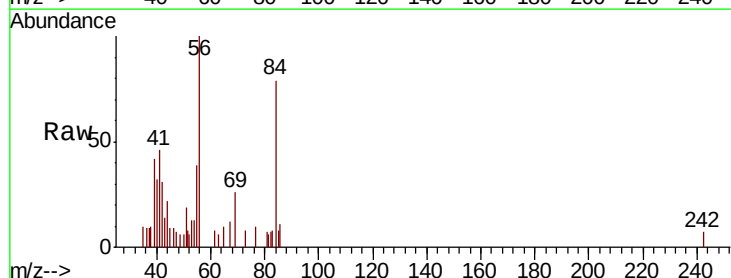
Tgt Ion: 56 Resp: 4436

Ion Ratio Lower Upper

56 100

69 3.8 25.0 37.4#

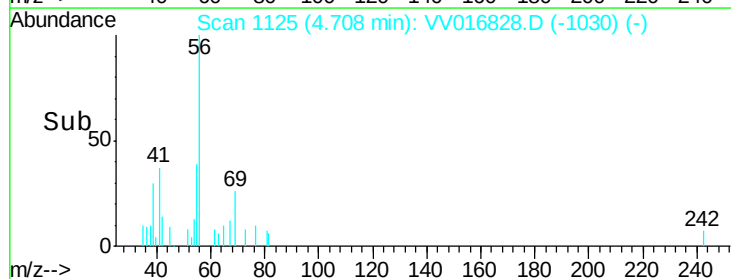
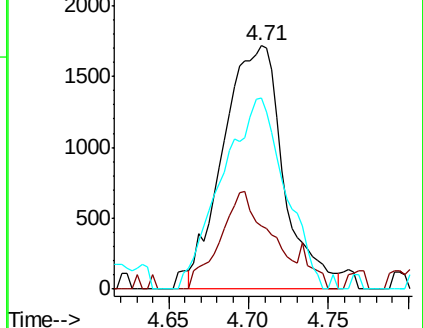
84 46.5 69.5 104.3#

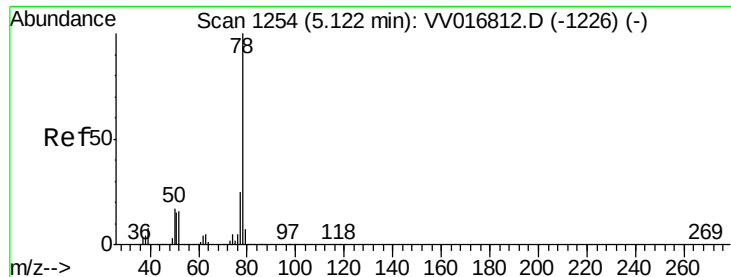


Abundance Ion 56.00 (55.70 to 56.70): VV0

Ion 69.00 (68.70 to 69.70): VV0

Ion 84.00 (83.70 to 84.70): VV0

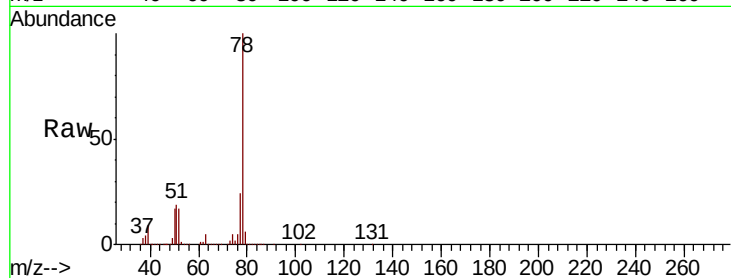




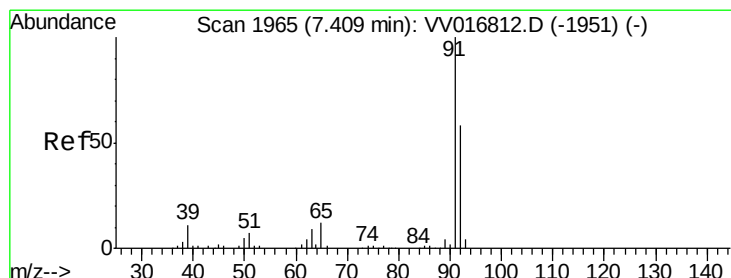
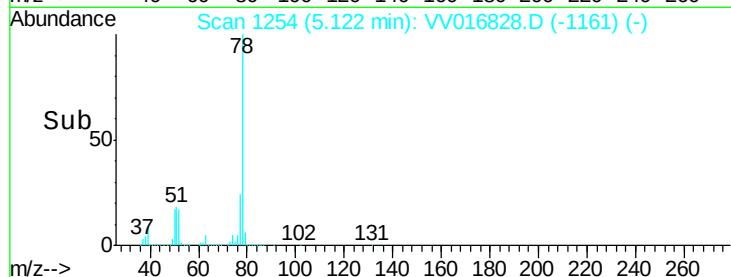
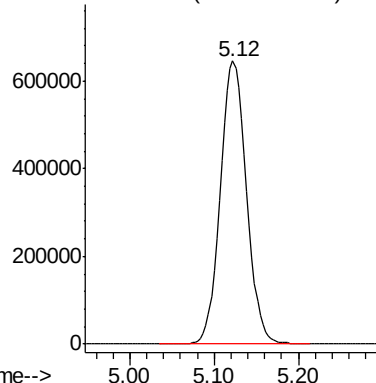
#33
Benzene
Concen: 143.774 ug/L
RT: 5.12 min Scan# 1254
Delta R.T. -0.00 min
Lab File: VV016828.D
Acq: 11 Jun 2020 15:42

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion: 78 Resp: 1394152

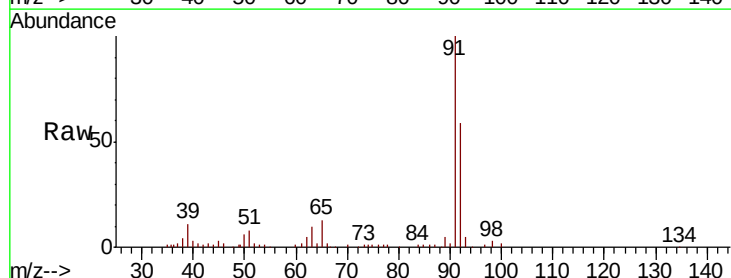


Abundance Ion 78.00 (77.70 to 78.70): VV0

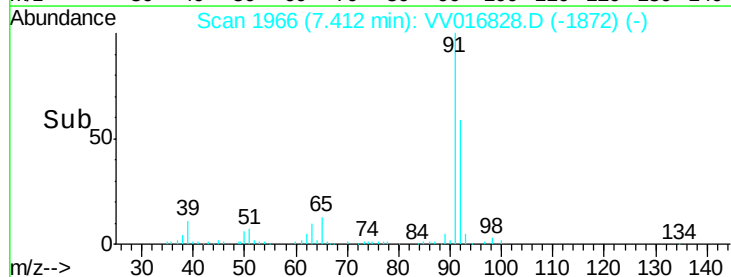
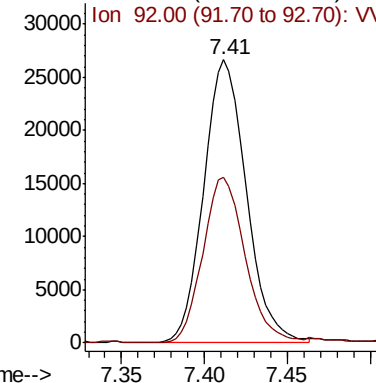


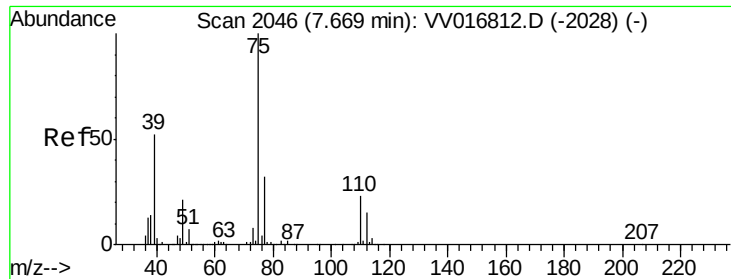
#42
Toluene
Concen: 4.672 ug/L
RT: 7.41 min Scan# 1966
Delta R.T. 0.00 min
Lab File: VV016828.D
Acq: 11 Jun 2020 15:42

Tgt Ion: 91 Resp: 47758
Ion Ratio Lower Upper
91 100
92 58.5 40.4 75.0



Abundance Ion 91.00 (90.70 to 91.70): VV0





#44

trans-1,3-Dichloropropene

Concen: 0.933 ug/L

RT: 7.64 min Scan# 2037

Delta R.T. -0.03 min

Lab File: VV016828.D

Acq: 11 Jun 2020 15:42

Instrument :

MSVOA_V

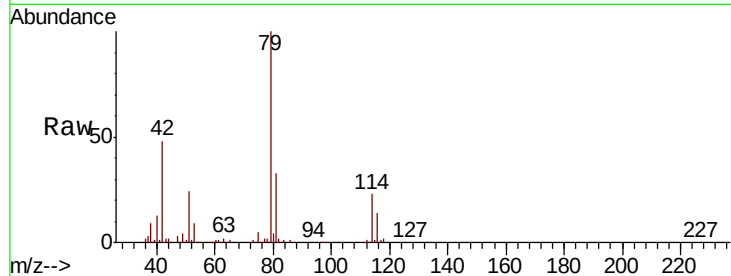
ClientSampleId :

Tot Ion: 75 Resp: 3553

Ion Ratio Lower Upper

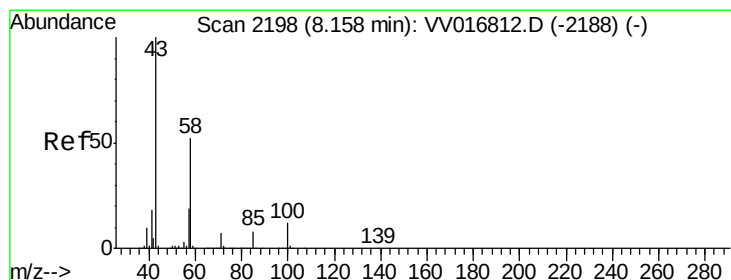
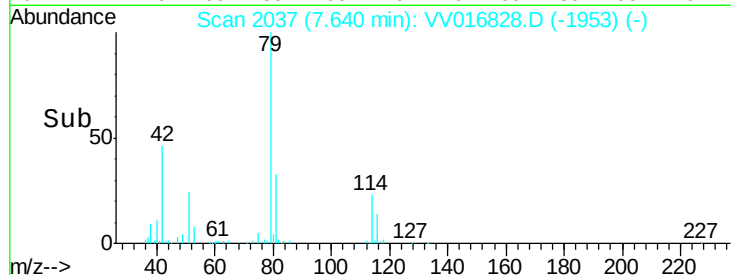
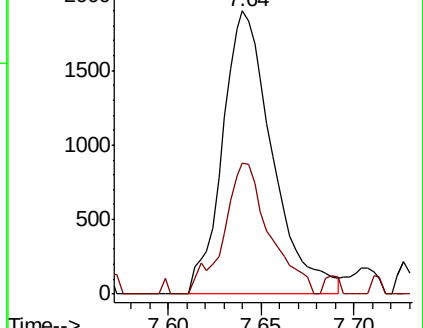
75 100

77 46.4 21.7 40.3#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0



#48

2-Hexanone

Concen: 2.809 ug/L

RT: 8.16 min Scan# 2200

Delta R.T. 0.01 min

Lab File: VV016828.D

Acq: 11 Jun 2020 15:42

Tgt Ion: 43 Resp: 7783

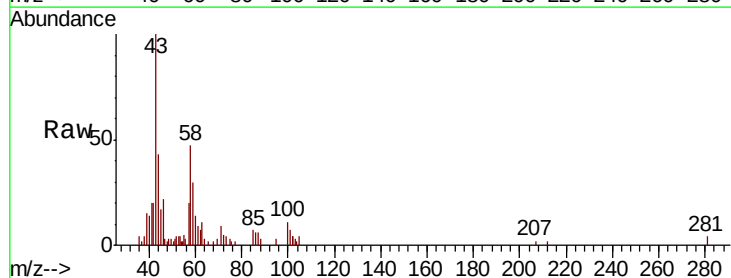
Ion Ratio Lower Upper

43 100

58 40.9 43.1 64.7#

57 18.6 15.3 22.9

100 11.4 10.0 15.0

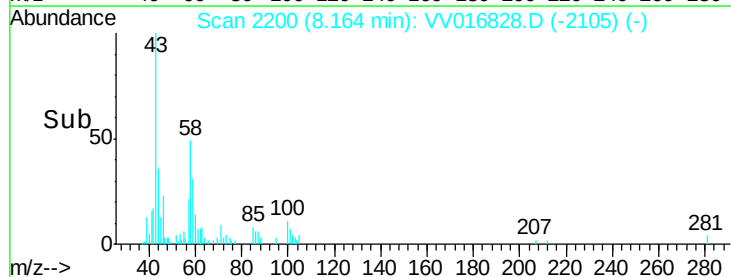
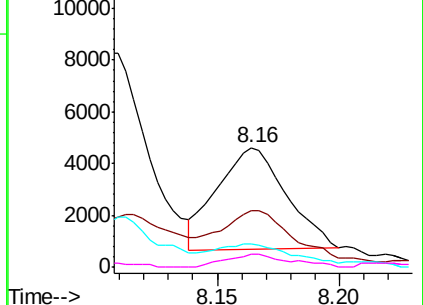


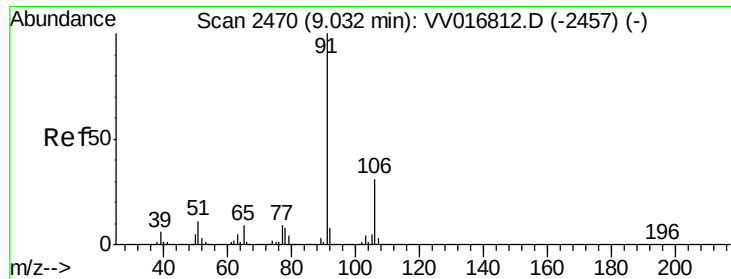
Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

Ion 57.00 (56.70 to 57.70): VV0

Ion 100.00 (99.70 to 100.70): VV0





#52

Ethylbenzene

Concen: 7.787 ug/L

RT: 9.03 min Scan# 2470

Delta R.T. -0.00 min

Lab File: VV016828.D

Acq: 11 Jun 2020 15:42

Instrument :

MSVOA_V

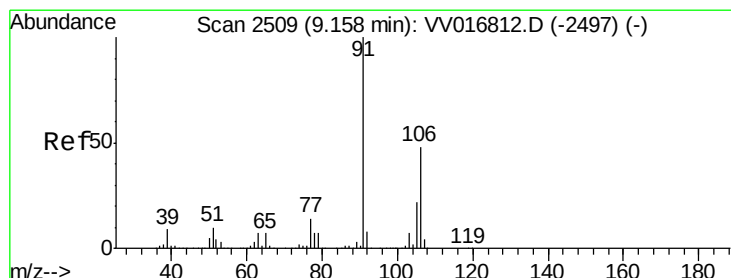
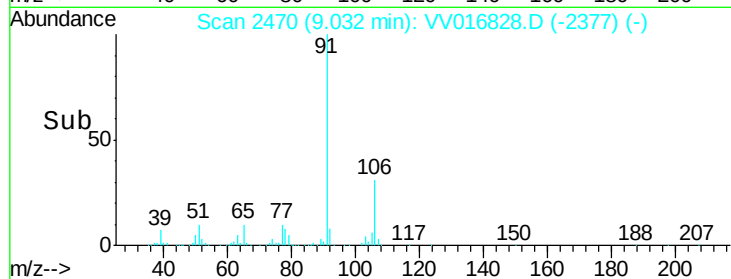
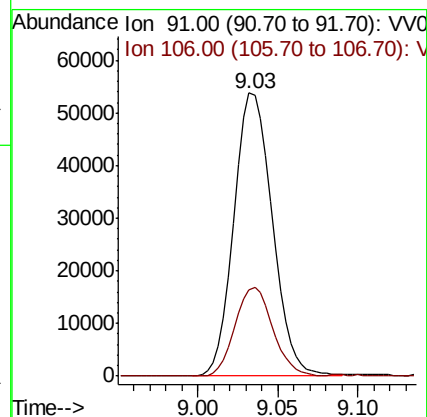
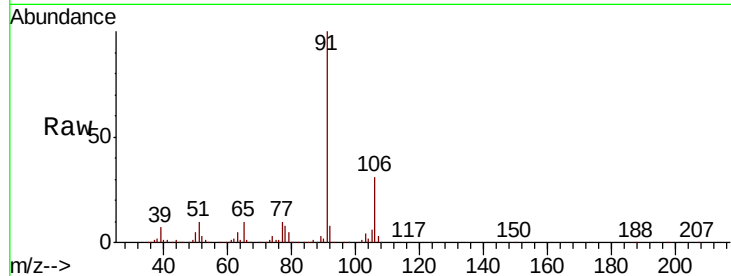
ClientSampled :

Tot Ion: 91 Resp: 88174

Ion Ratio Lower Upper

91 100

106 30.5 21.1 39.1



#53

m,p-Xylene

Concen: 1.485 ug/L

RT: 9.16 min Scan# 2511

Delta R.T. 0.01 min

Lab File: VV016828.D

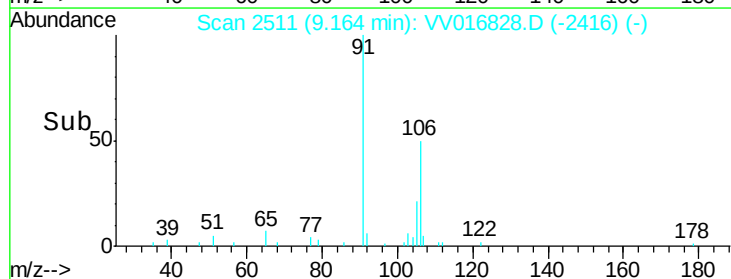
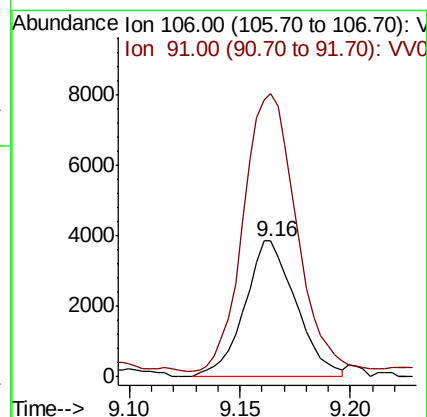
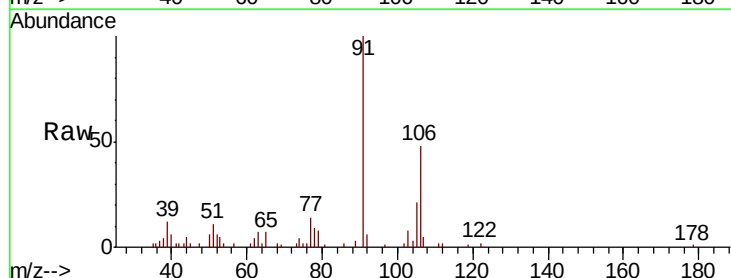
Acq: 11 Jun 2020 15:42

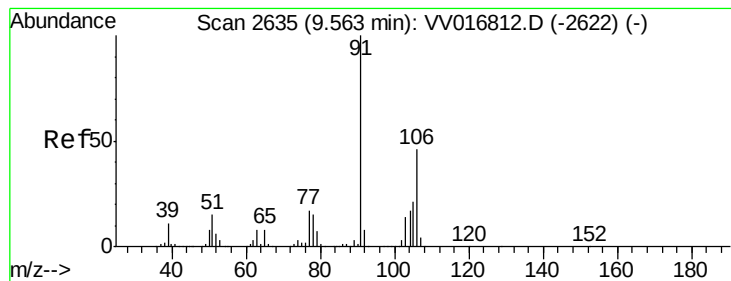
Tgt Ion: 106 Resp: 6259

Ion Ratio Lower Upper

106 100

91 208.2 144.6 268.6





#54
 o-xylene
 Concen: 1.936 ug/L
 RT: 9.57 min Scan# 2636
 Delta R.T. 0.00 min
 Lab File: VV016828.D
 Acq: 11 Jun 2020 15:42

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion:106 Resp: 8049
 Ion Ratio Lower Upper
 106 100
 91 233.9 155.9 289.5

