

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061020\
 Data File : VV016773.D
 Acq On : 10 Jun 2020 16:50
 Operator : SY/MD
 Sample : L2914-04 50X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9D98DL

Quant Time: Jun 11 01:08:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 11 01:04:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	357076	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	337501	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	170659	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	105654	41.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.86%
7) Chloroethane-d5	1.56	69	74377	49.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.40%
11) 1,1-Dichloroethene-d2	2.12	63	141807	33.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.04%
21) 2-Butanone-d5	3.89	46	165292	88.64	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.64%
24) Chloroform-d	4.37	84	219201	42.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.56%
26) 1,2-Dichloroethane-d4	5.05	65	158093	45.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.74%
32) Benzene-d6	5.07	84	434085	44.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.24%
36) 1,2-Dichloropropane-d6	6.09	67	133108	43.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.78%
41) Toluene-d8	7.34	98	391130	43.81	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.62%
43) trans-1,3-Dichloropropene-	7.64	79	65918	41.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.46%
47) 2-Hexanone-d5	8.11	63	98105	74.20	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	74.20%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	173516	43.22	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.44%
64) 1,2-Dichlorobenzene-d4	11.65	152	167990	46.13	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.26%

Target Compounds

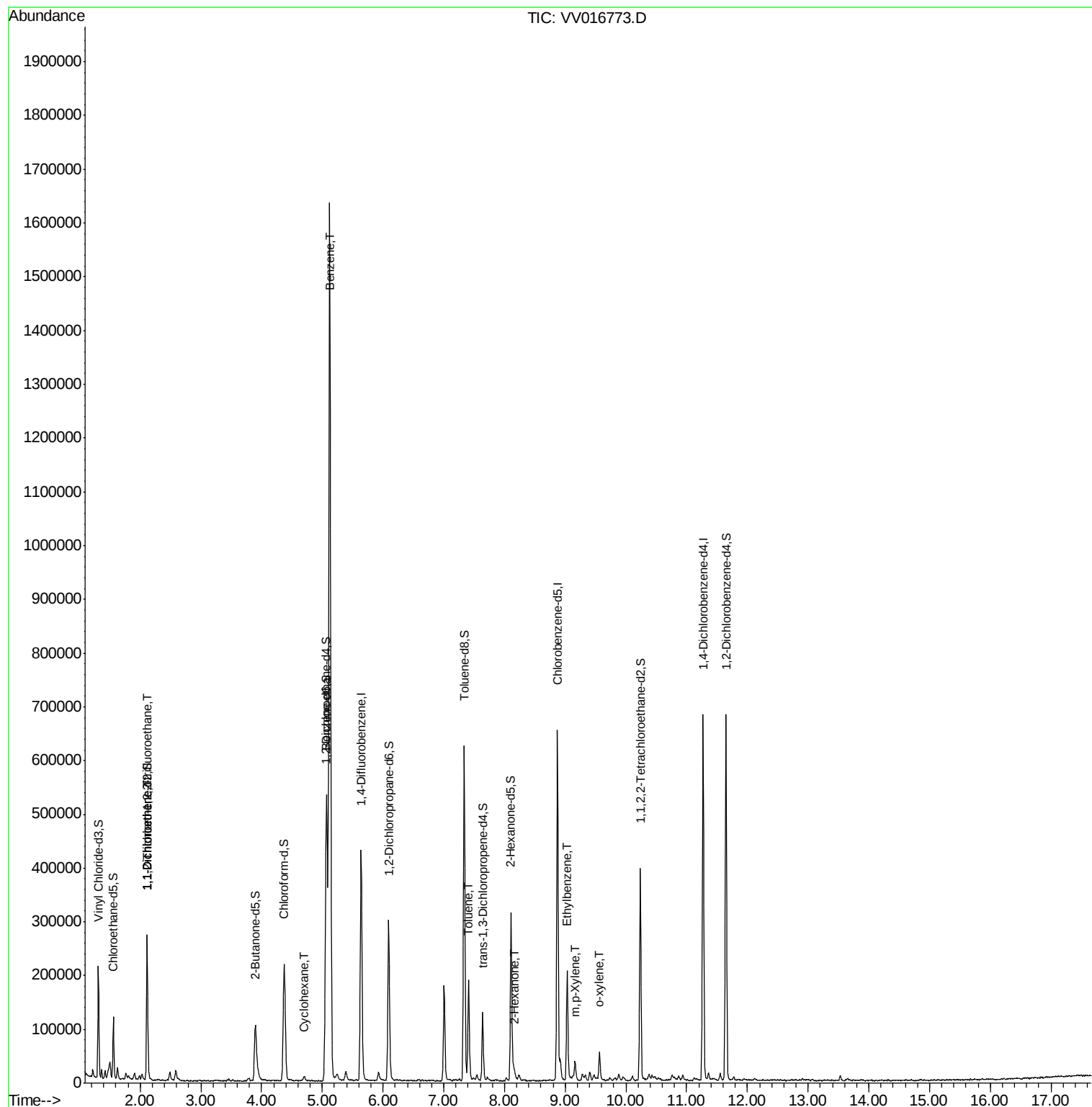
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1528	0.805	ug/L #	19
12) 1,1-Dichloroethene	2.11	96	1398	0.789	ug/L #	1
29) Cyclohexane	4.70	56	4080	0.973	ug/L #	85
33) Benzene	5.12	78	1561626	156.386	ug/L	100
42) Toluene	7.41	91	129788	12.329	ug/L	97
48) 2-Hexanone	8.17	43	9281	3.253	ug/L #	82
52) Ethylbenzene	9.03	91	137999	11.835	ug/L	96
53) m,p-Xylene	9.16	106	9173	2.113	ug/L	84
54) o-xylene	9.57	106	13121	3.064	ug/L	99

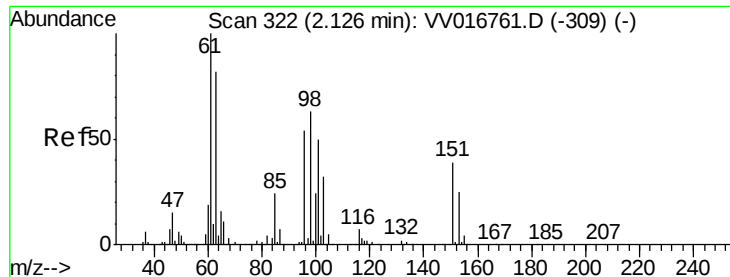
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Jun 11 01:04:46 2020
Response via : Initial Calibration





#10

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

Concen: 0.805 ug/L

RT: 2.12 min Scan# 319

Delta R.T. -0.01 min

Lab File: VV016773.D

Acq: 10 Jun 2020 16:50

Instrument :

MSVOA_V

ClientSampled :

F9D98DL

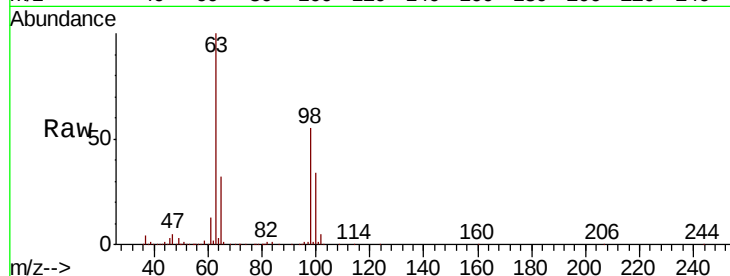
Tot Ion:101 Resp: 1528

Ion Ratio Lower Upper

101 100

85 3.3 35.5 53.3#

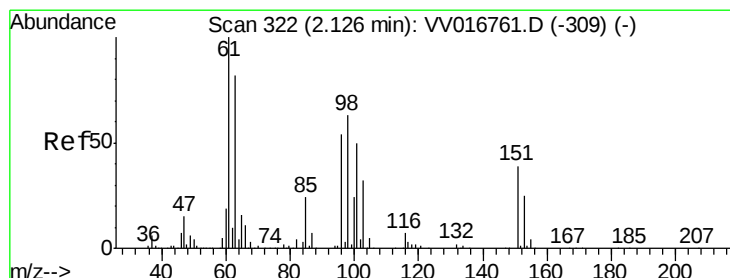
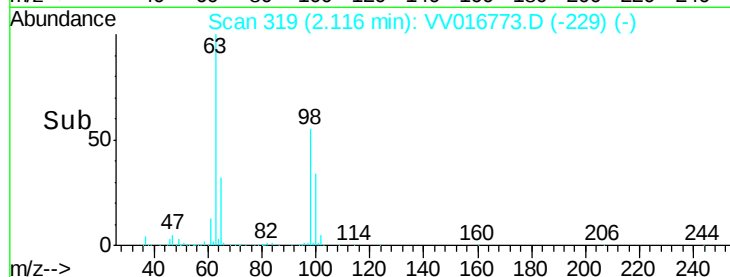
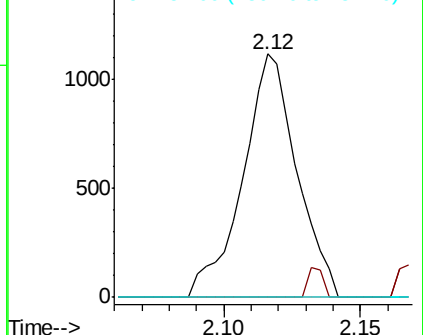
151 0.0 63.9 95.9#



Abundance Ion 101.00 (100.70 to 101.70): VV016773.D (-229) (-)

Ion 85.00 (84.70 to 85.70): VV016773.D (-229) (-)

Ion 151.00 (150.70 to 151.70): VV016773.D (-229) (-)



#12

1,1-Dichloroethene

Concen: 0.789 ug/L

RT: 2.11 min Scan# 318

Delta R.T. -0.01 min

Lab File: VV016773.D

Acq: 10 Jun 2020 16:50

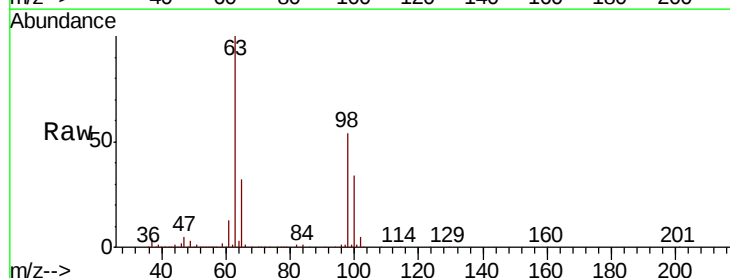
Tgt Ion: 96 Resp: 1398

Ion Ratio Lower Upper

96 100

61 1476.2 130.4 242.2#

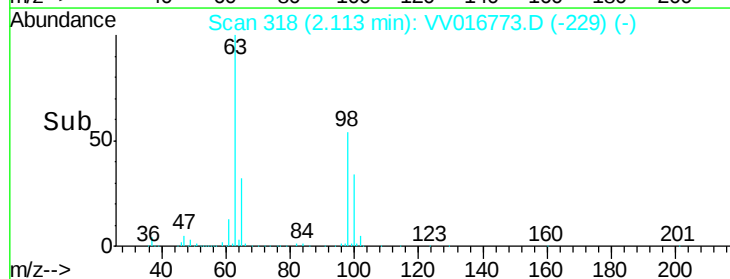
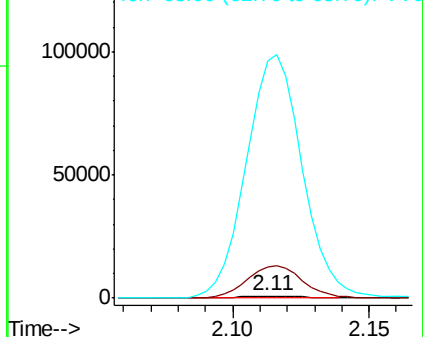
63 11121.5 103.3 191.9#

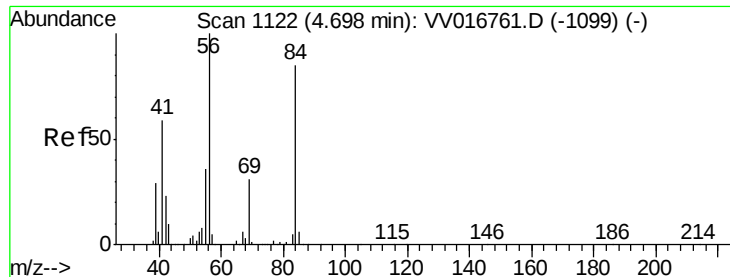


Abundance Ion 96.00 (95.70 to 96.70): VV016773.D (-229) (-)

Ion 61.00 (60.70 to 61.70): VV016773.D (-229) (-)

Ion 63.00 (62.70 to 63.70): VV016773.D (-229) (-)

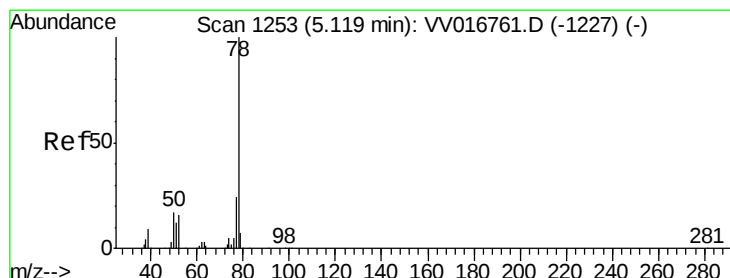
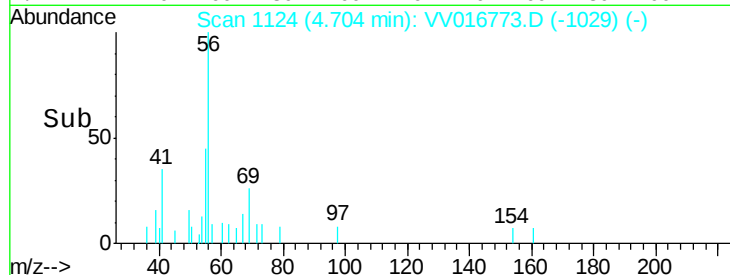
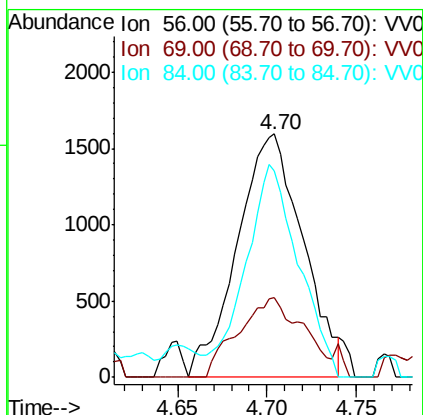
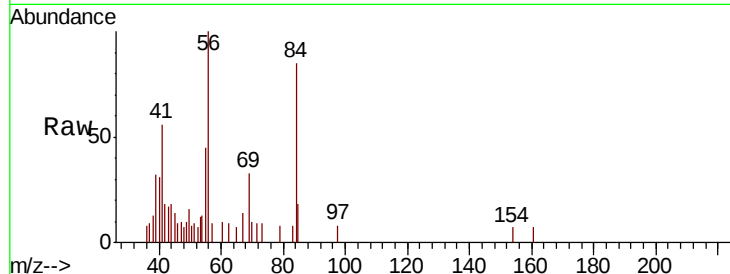




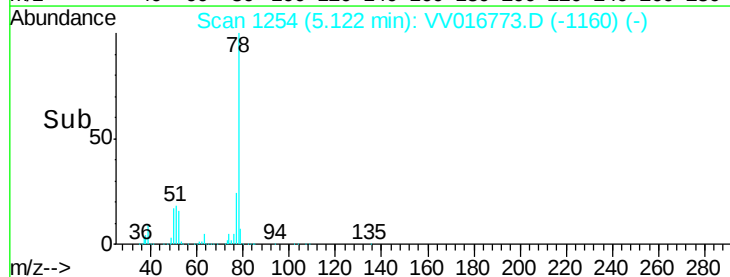
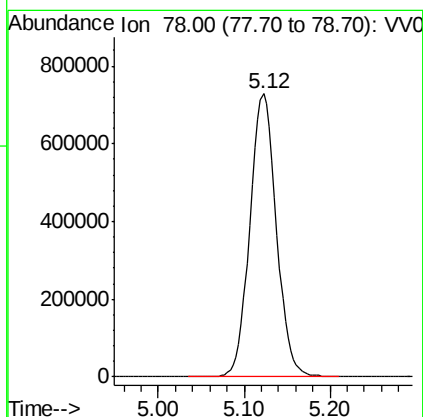
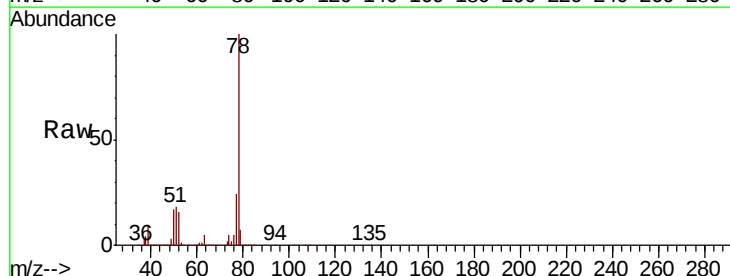
#29
Cyclohexane
Concen: 0.973 ug/L
RT: 4.70 min Scan# 1124
Delta R.T. 0.01 min
Lab File: VV016773.D
Acq: 10 Jun 2020 16:50

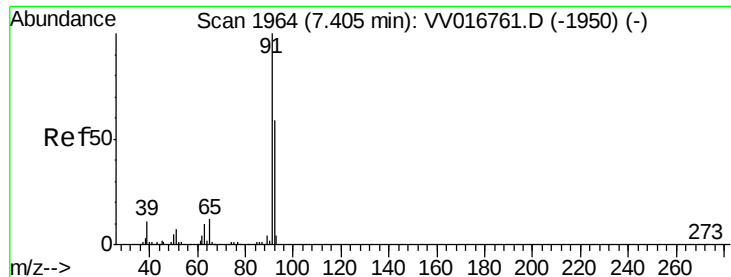
Instrument :
MSVOA_V
ClientSampleId :
F9D98DL

Tot Ion: 56 Resp: 4080
Ion Ratio Lower Upper
56 100
69 24.8 25.0 37.4#
84 71.8 69.5 104.3



#33
Benzene
Concen: 156.386 ug/L
RT: 5.12 min Scan# 1254
Delta R.T. 0.00 min
Lab File: VV016773.D
Acq: 10 Jun 2020 16:50
Tgt Ion: 78 Resp: 1561626





#42

Toluene

Concen: 12.329 ug/L

RT: 7.41 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VV016773.D

Acq: 10 Jun 2020 16:50

Instrument :

MSVOA_V

ClientSampleId :

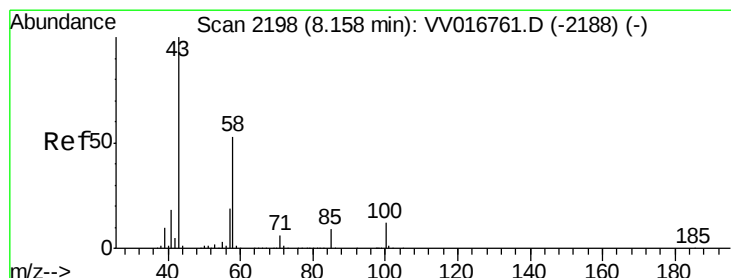
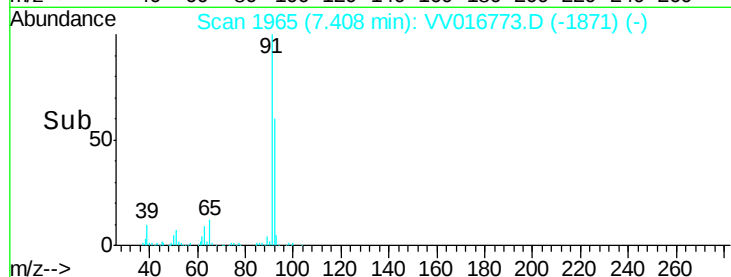
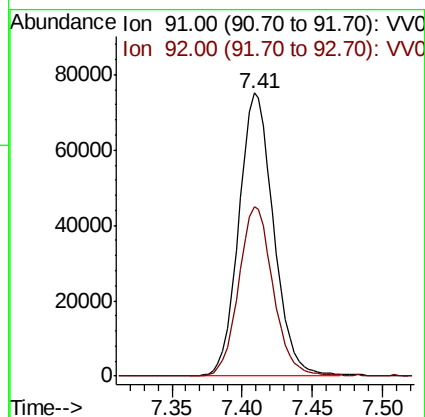
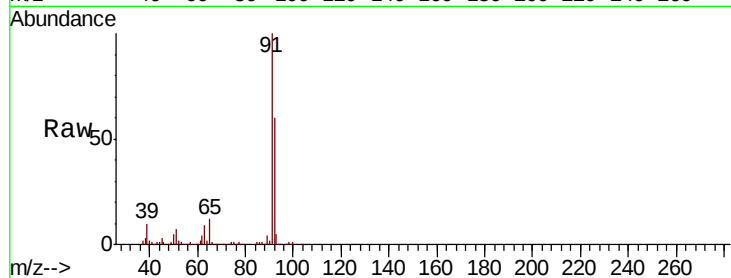
F9D98DL

Tot Ion: 91 Resp: 129788

Ion Ratio Lower Upper

91 100

92 60.1 40.4 75.0



#48

2-Hexanone

Concen: 3.253 ug/L

RT: 8.17 min Scan# 2201

Delta R.T. 0.01 min

Lab File: VV016773.D

Acq: 10 Jun 2020 16:50

Tgt Ion: 43 Resp: 9281

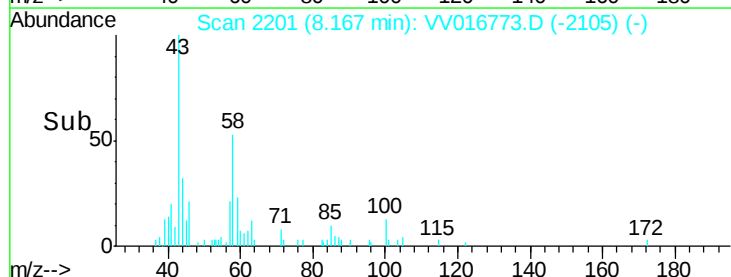
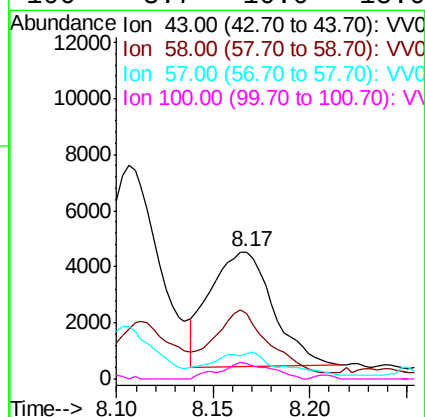
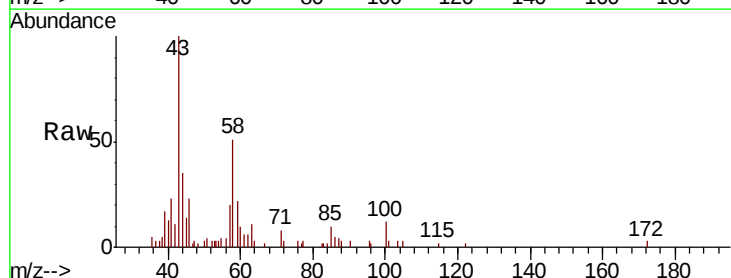
Ion Ratio Lower Upper

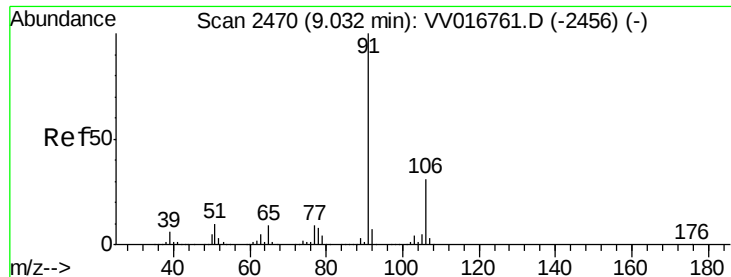
43 100

58 45.8 43.1 64.7

57 3.2 15.3 22.9#

100 3.7 10.0 15.0#





#52

Ethylbenzene

Concen: 11.835 ug/L

RT: 9.03 min Scan# 2470

Delta R.T. 0.00 min

Lab File: VV016773.D

Acq: 10 Jun 2020 16:50

Instrument :

MSVOA_V

ClientSampleId :

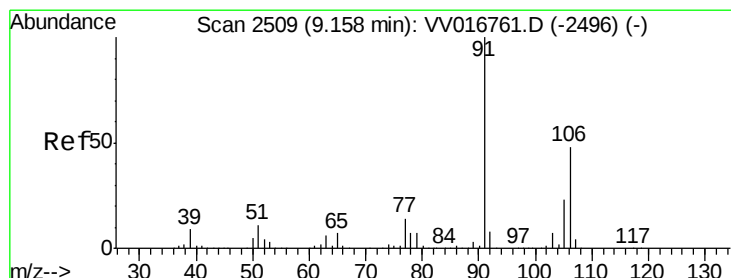
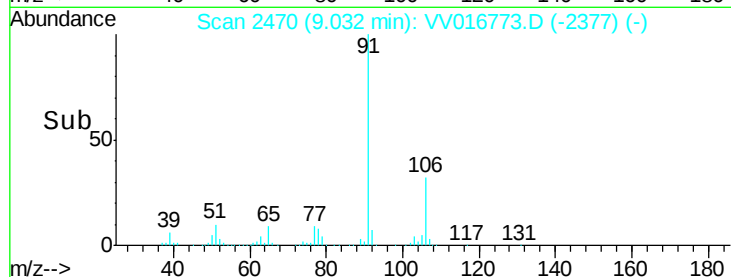
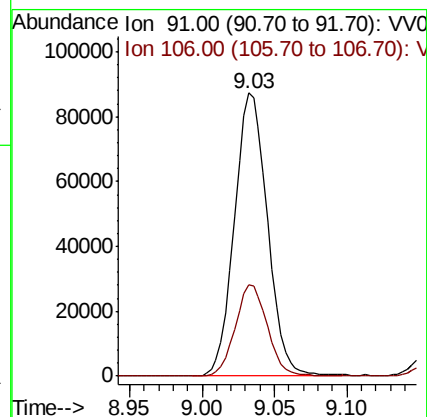
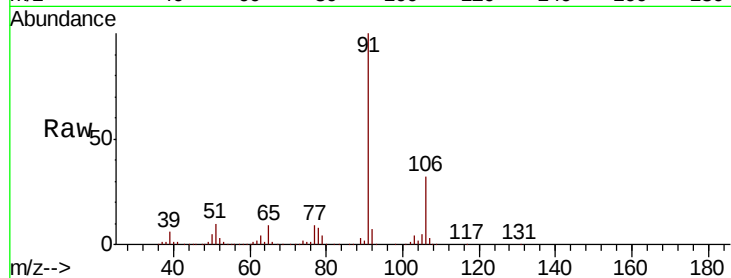
F9D98DL

Tot Ion: 91 Resp: 137999

Ion Ratio Lower Upper

91 100

106 32.4 21.1 39.1



#53

m,p-Xylene

Concen: 2.113 ug/L

RT: 9.16 min Scan# 2510

Delta R.T. 0.00 min

Lab File: VV016773.D

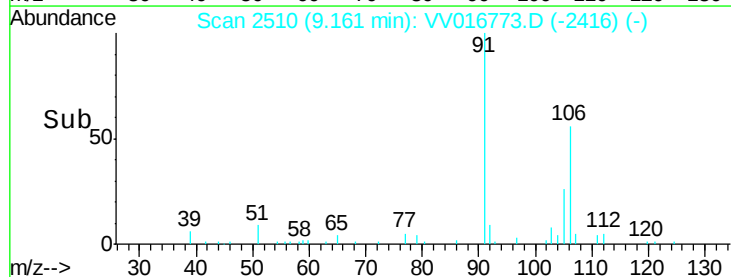
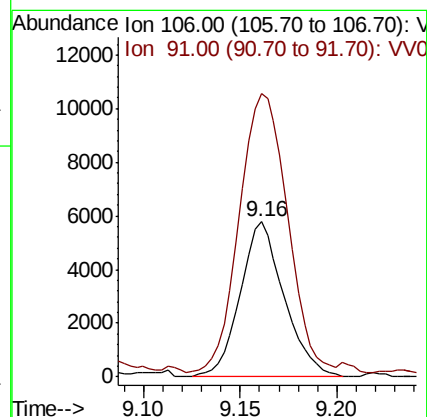
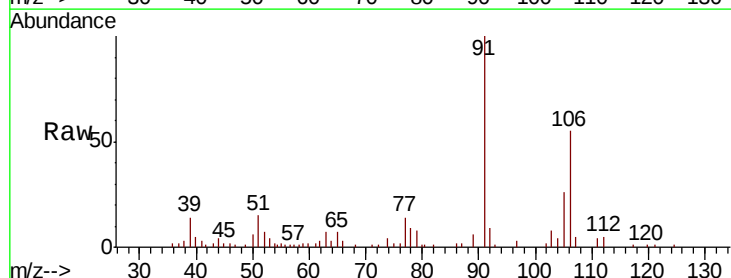
Acq: 10 Jun 2020 16:50

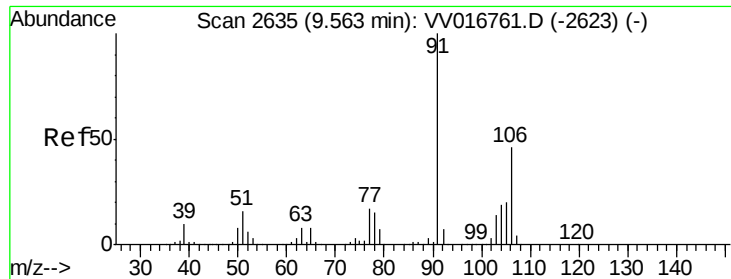
Tgt Ion: 106 Resp: 9173

Ion Ratio Lower Upper

106 100

91 182.6 144.6 268.6





#54
 o-xylene
 Concen: 3.064 ug/L
 RT: 9.57 min Scan# 2636
 Delta R.T. 0.00 min
 Lab File: VV016773.D
 Acq: 10 Jun 2020 16:50

Instrument :
 MSVOA_V
 ClientSampleId :
 F9D98DL

Tot Ion:106 Resp: 13121
 Ion Ratio Lower Upper
 106 100
 91 221.6 155.9 289.5

