

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060920\
 Data File : VV016749.D
 Acq On : 10 Jun 2020 04:43
 Operator : SY/MD
 Sample : L2914-10 100X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9E13

Quant Time: Jun 10 06:13:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 10 06:10:57 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	347936	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	327582	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	164392	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	88606	36.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	72.18%
7) Chloroethane-d5	1.56	69	70876	48.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.22%
11) 1,1-Dichloroethene-d2	2.12	63	133244	32.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.64%
21) 2-Butanone-d5	3.89	46	183461	100.96	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.96%
24) Chloroform-d	4.37	84	227785	45.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.26%
26) 1,2-Dichloroethane-d4	5.05	65	163061	48.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.04%
32) Benzene-d6	5.07	84	436915	46.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.54%
36) 1,2-Dichloropropane-d6	6.09	67	139044	47.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.48%
41) Toluene-d8	7.34	98	387956	44.77	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.54%
43) trans-1,3-Dichloropropene-	7.64	79	61289	39.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.96%
47) 2-Hexanone-d5	8.11	63	124041	96.66	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.66%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	192845	49.49	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.98%
64) 1,2-Dichlorobenzene-d4	11.65	152	174561	49.76	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.52%

Target Compounds

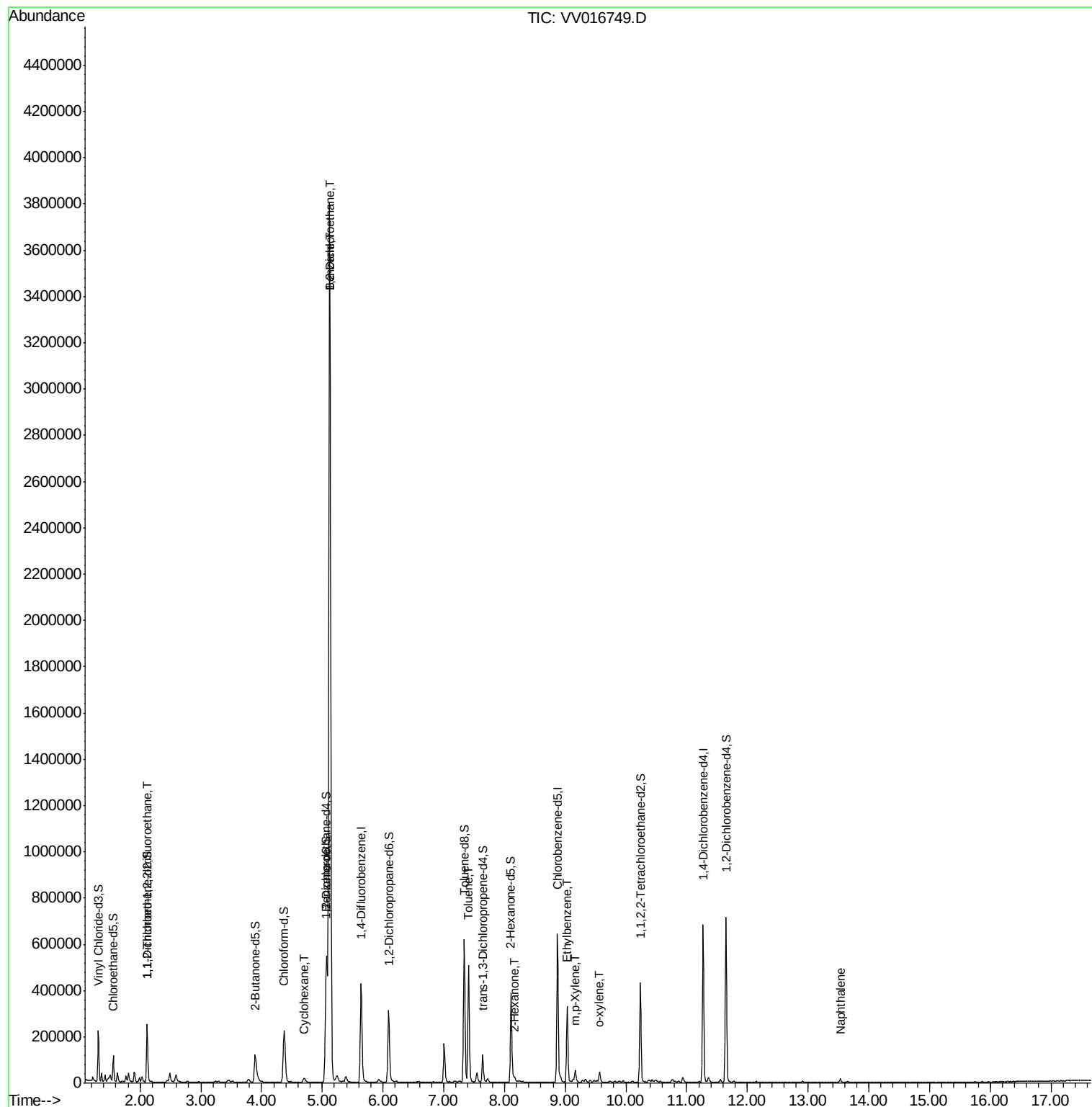
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1232	0.666	ug/L #	20
27) 1,2-Dichloroethane	5.12	62	39697	10.397	ug/L #	74
29) Cyclohexane	4.70	56	9624	2.364	ug/L #	23
33) Benzene	5.12	78	3627391	374.258	ug/L	100
42) Toluene	7.41	91	350705	34.324	ug/L	99
48) 2-Hexanone	8.16	43	8409	3.036	ug/L #	85
52) Ethylbenzene	9.03	91	219954	19.436	ug/L	99
53) m,p-Xylene	9.16	106	11470	2.722	ug/L	89
54) o-xylene	9.57	106	12262	2.951	ug/L	98
69) Naphthalene	13.53	128	10642	1.039	ug/L	97

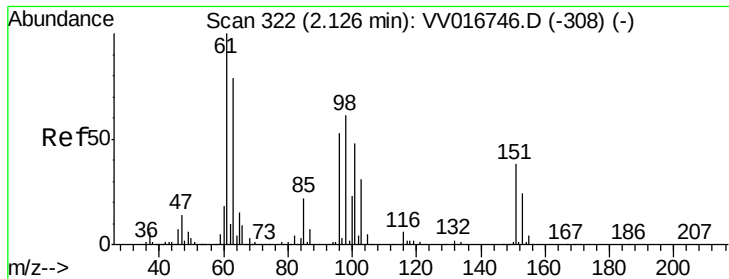
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV060920\
Data File : VV016749.D
Acq On : 10 Jun 2020 04:43
Operator : SY/MD
Sample : L2914-10 100X
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 56 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F9E13

Quant Time: Jun 10 06:13:00 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jun 10 06:10:57 2020
Response via : Initial Calibration





#10

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

Concen: 0.666 ug/L

RT: 2.12 min Scan# 319

Delta R.T. -0.01 min

Lab File: VV016749.D

Acq: 10 Jun 2020 04:43

Instrument :

MSVOA_V

ClientSampleId :

F9E13

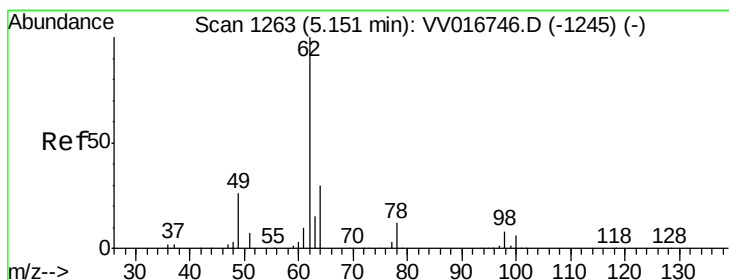
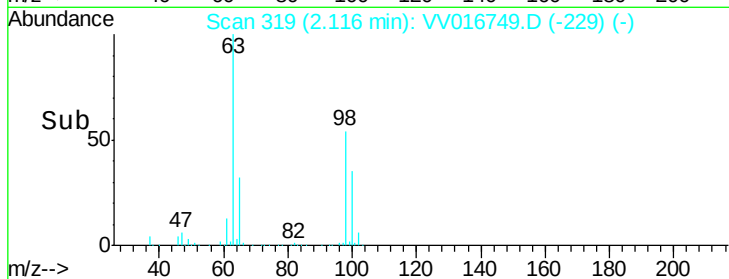
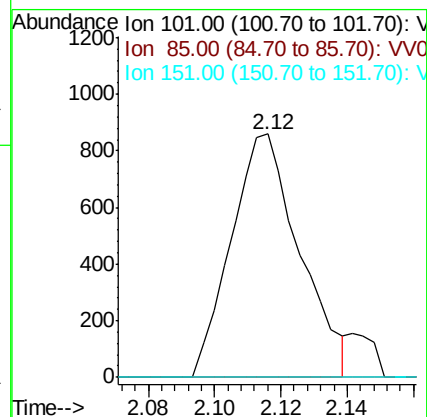
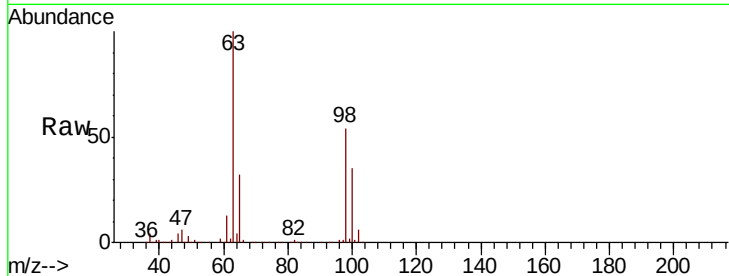
Tot Ion:101 Resp: 1232

Ion Ratio Lower Upper

101 100

85 5.4 35.5 53.3#

151 0.0 63.9 95.9#



#27

1,2-Dichloroethane

Concen: 10.397 ug/L

RT: 5.12 min Scan# 1254

Delta R.T. -0.03 min

Lab File: VV016749.D

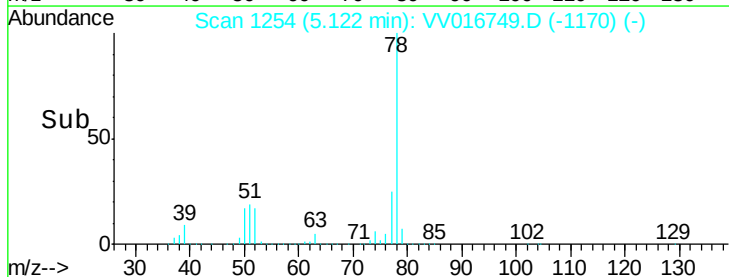
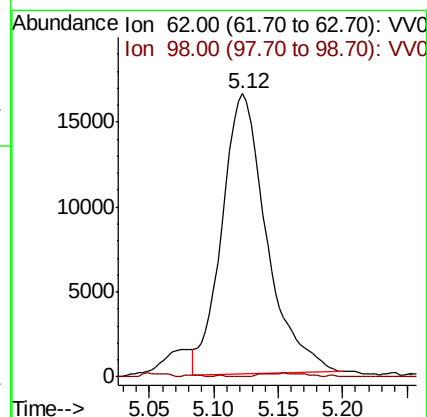
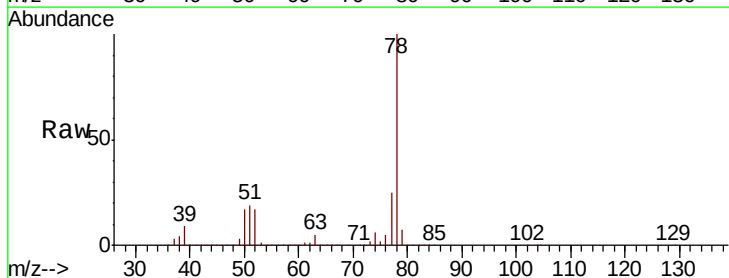
Acq: 10 Jun 2020 04:43

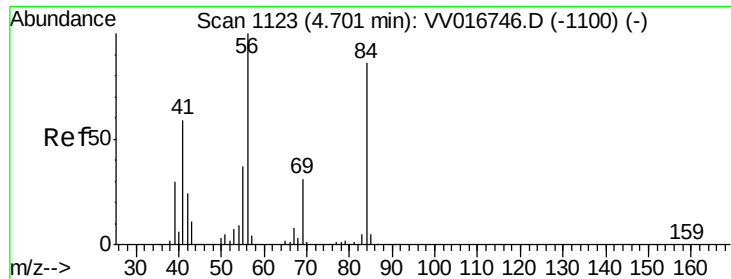
Tgt Ion: 62 Resp: 39697

Ion Ratio Lower Upper

62 100

98 0.0 7.4 11.2#

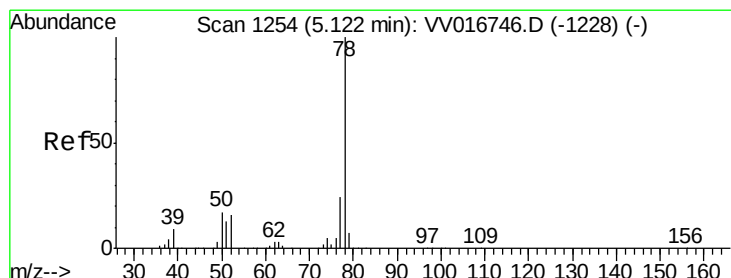
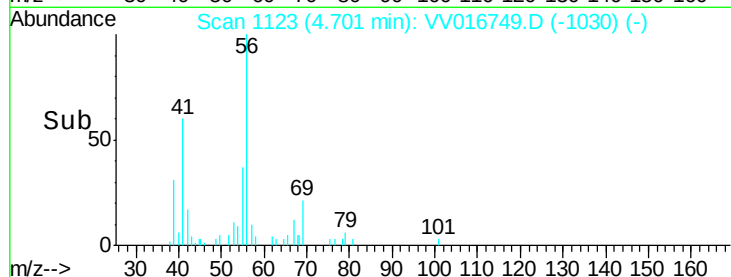
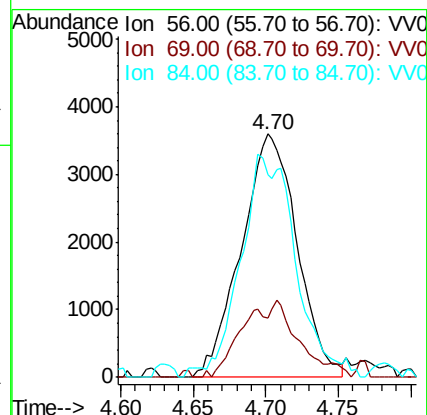
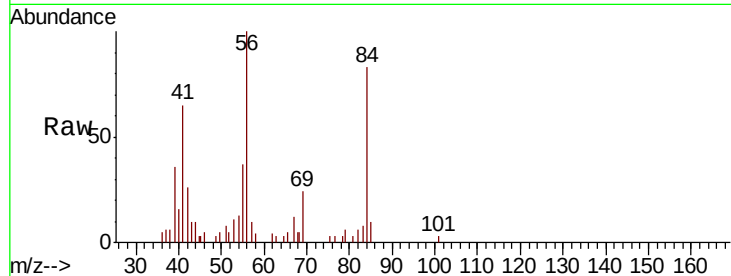




#29
Cyclohexane
Concen: 2.364 ug/L
RT: 4.70 min Scan# 1123
Delta R.T. -0.00 min
Lab File: VV016749.D
Acq: 10 Jun 2020 04:43

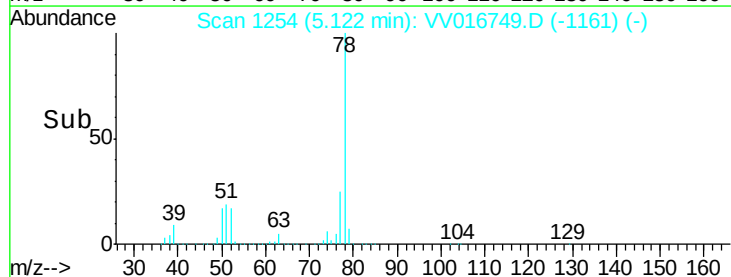
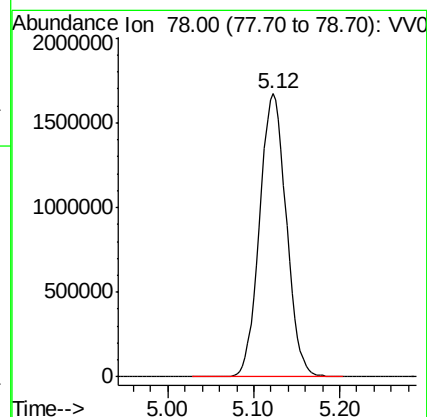
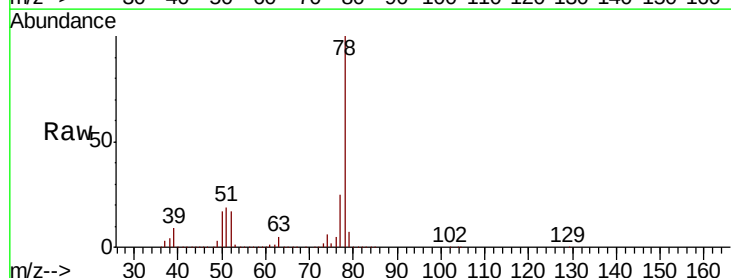
Instrument :
MSVOA_V
ClientSampleId :
F9E13

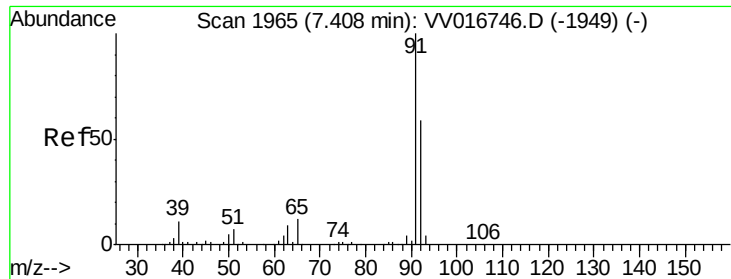
Tot Ion: 56 Resp: 9624
Ion Ratio Lower Upper
56 100
69 14.8 25.0 37.4#
84 0.0 69.5 104.3#



#33
Benzene
Concen: 374.258 ug/L
RT: 5.12 min Scan# 1254
Delta R.T. -0.00 min
Lab File: VV016749.D
Acq: 10 Jun 2020 04:43

Tgt Ion: 78 Resp: 3627391





#42

Toluene

Concen: 34.324 ug/L

RT: 7.41 min Scan# 1965

Delta R.T. -0.00 min

Lab File: VV016749.D

Acq: 10 Jun 2020 04:43

Instrument :

MSVOA_V

ClientSampleId :

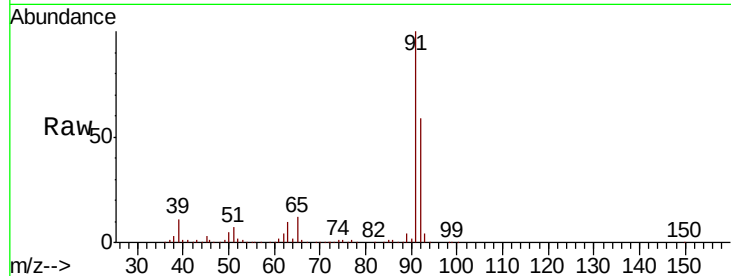
F9E13

Tot Ion: 91 Resp: 350705

Ion Ratio Lower Upper

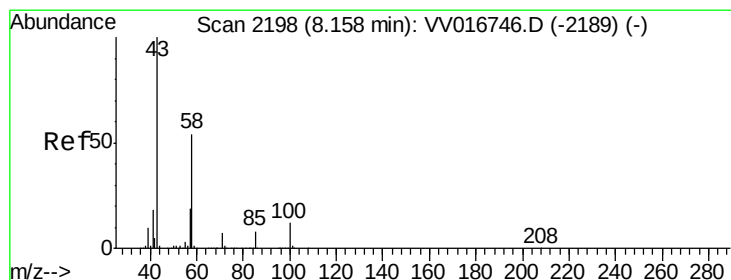
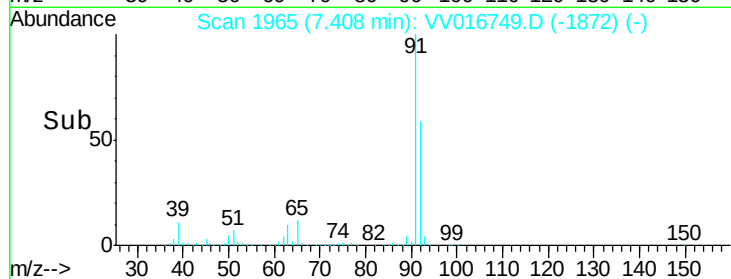
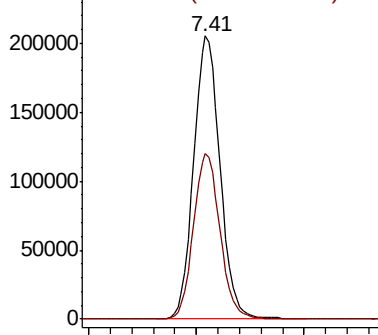
91 100

92 58.7 40.4 75.0



Abundance Ion 91.00 (90.70 to 91.70): VV0

Ion 92.00 (91.70 to 92.70): VV0



#48

2-Hexanone

Concen: 3.036 ug/L

RT: 8.16 min Scan# 2200

Delta R.T. 0.01 min

Lab File: VV016749.D

Acq: 10 Jun 2020 04:43

Tgt Ion: 43 Resp: 8409

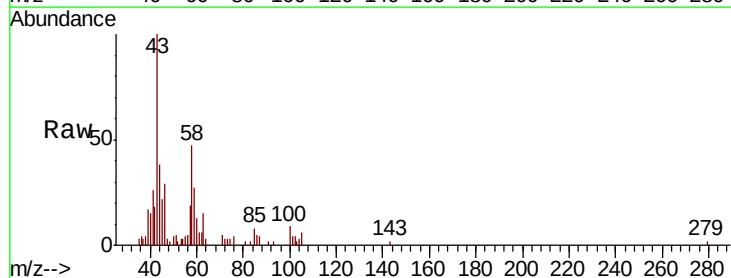
Ion Ratio Lower Upper

43 100

58 64.3 43.1 64.7

57 11.8 15.3 22.9#

100 6.3 10.0 15.0#

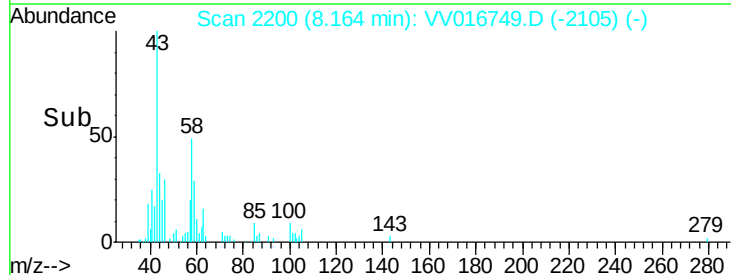
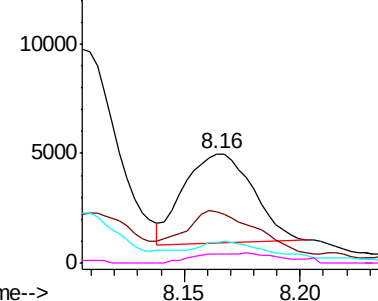


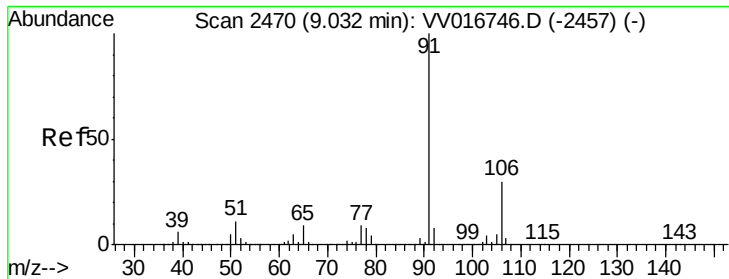
Abundance Ion 43.00 (42.70 to 43.70): VV0

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: 19.436 ug/L

RT: 9.03 min Scan# 2470

Delta R.T. -0.00 min

Lab File: VV016749.D

Acq: 10 Jun 2020 04:43

Instrument :

MSVOA_V

ClientSampleId :

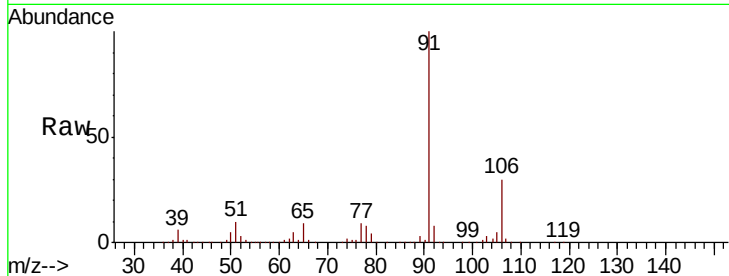
F9E13

Tot Ion: 91 Resp: 219954

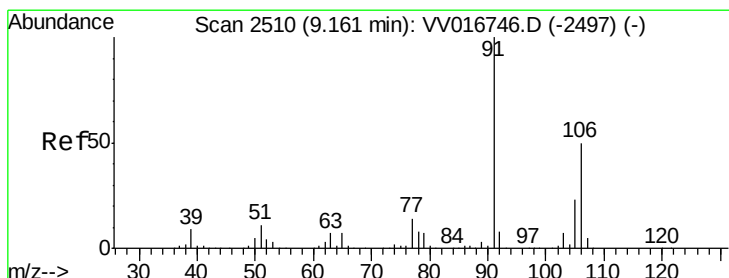
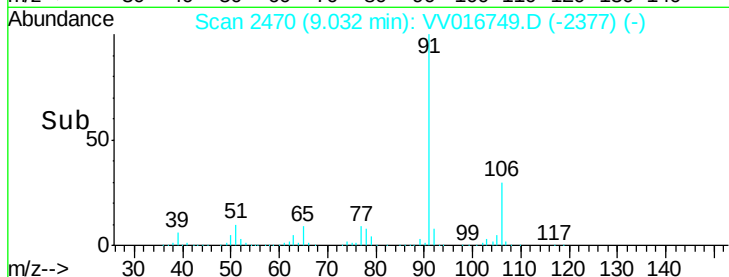
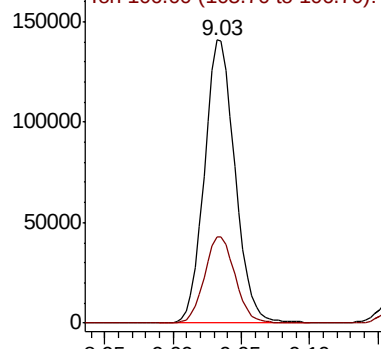
Ion Ratio Lower Upper

91 100

106 30.4 21.1 39.1



Abundance Ion 91.00 (90.70 to 91.70): VV016746.D (-2457) (-)



#53

m,p-Xylene

Concen: 2.722 ug/L

RT: 9.16 min Scan# 2511

Delta R.T. 0.00 min

Lab File: VV016749.D

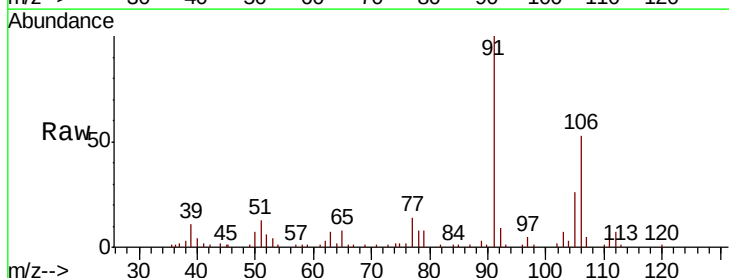
Acq: 10 Jun 2020 04:43

Tgt Ion: 106 Resp: 11470

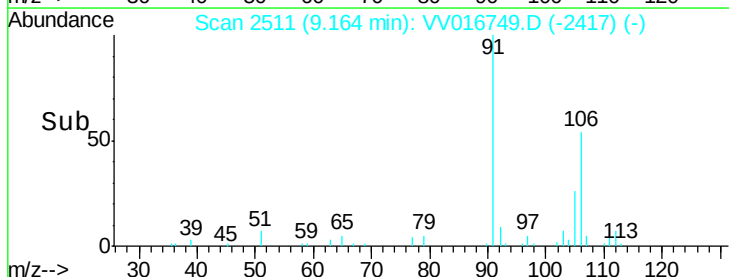
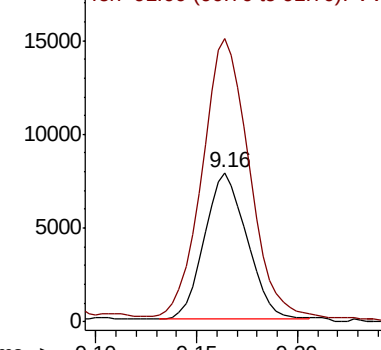
Ion Ratio Lower Upper

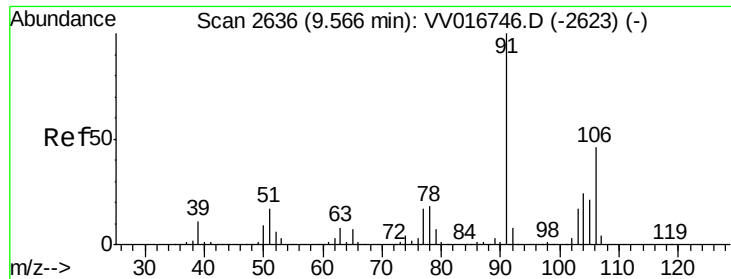
106 100

91 190.0 144.6 268.6



Abundance Ion 106.00 (105.70 to 106.70): VV016746.D (-2497) (-)

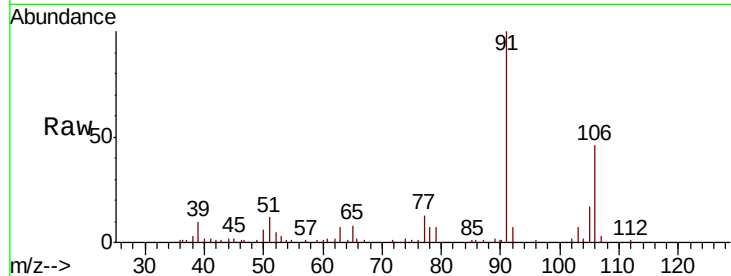




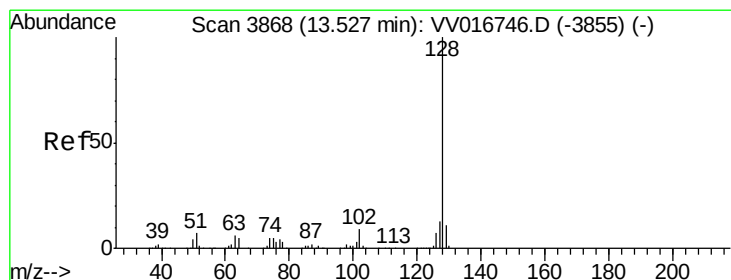
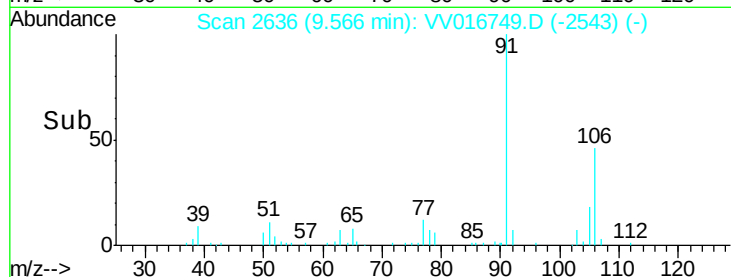
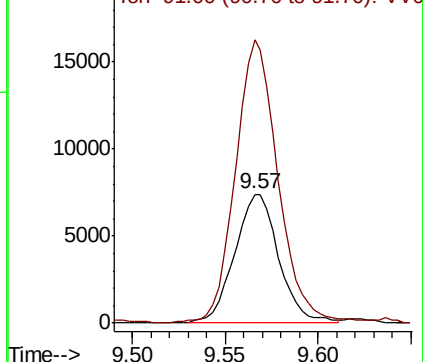
#54
o-xylene
Concen: 2.951 ug/L
RT: 9.57 min Scan# 2636
Delta R.T. -0.00 min
Lab File: VV016749.D
Acq: 10 Jun 2020 04:43

Instrument :
MSVOA_V
ClientSampleId :
F9E13

Tot Ion:106 Resp: 12262
Ion Ratio Lower Upper
106 100
91 219.3 155.9 289.5

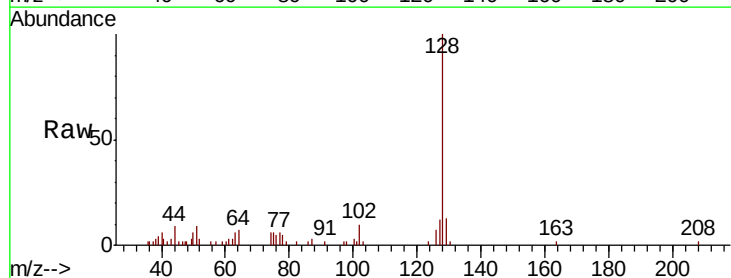


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VV0



#69
Naphthalene
Concen: 1.039 ug/L
RT: 13.53 min Scan# 3869
Delta R.T. 0.00 min
Lab File: VV016749.D
Acq: 10 Jun 2020 04:43

Tgt Ion:128 Resp: 10642
Ion Ratio Lower Upper
128 100
127 12.7 10.5 15.7
129 13.0 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

