

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060920\
 Data File : VV016745.D
 Acq On : 10 Jun 2020 02:20
 Operator : SY/MD
 Sample : L2914-08 50X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9E03

Quant Time: Jun 10 03:48:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 10 03:42:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	364810	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	340163	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	167787	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	86645	33.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	67.32%
7) Chloroethane-d5	1.56	69	67030	43.40	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.80%
11) 1,1-Dichloroethene-d2	2.12	63	126405	29.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	58.48%#
21) 2-Butanone-d5	3.89	46	180354	94.66	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.66%
24) Chloroform-d	4.37	84	224607	42.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.82%
26) 1,2-Dichloroethane-d4	5.05	65	162884	45.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.50%
32) Benzene-d6	5.07	84	427252	43.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.14%
36) 1,2-Dichloropropane-d6	6.09	67	135840	44.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.88%
41) Toluene-d8	7.34	98	380270	42.26	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.52%
43) trans-1,3-Dichloropropene-	7.64	79	63293	39.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.52%
47) 2-Hexanone-d5	8.11	63	119114	89.39	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.39%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	184820	45.68	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.36%
64) 1,2-Dichlorobenzene-d4	11.65	152	169786	47.42	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.84%

Target Compounds

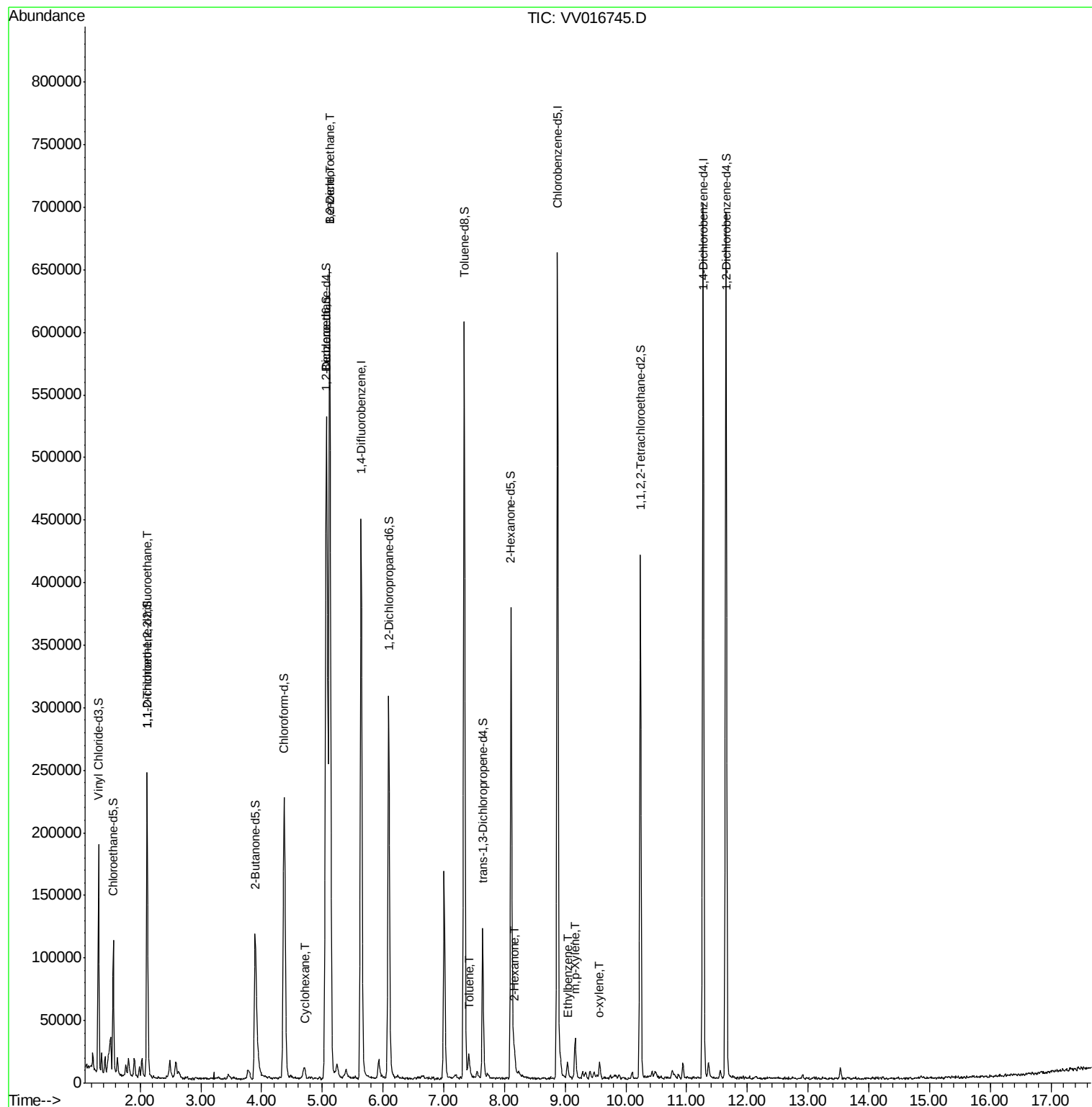
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	1350	0.696 ug/L #	24
27) 1,2-Dichloroethane	5.12	62	4095	1.023 ug/L #	74
29) Cyclohexane	4.70	56	4757	1.125 ug/L #	42
33) Benzene	5.12	78	621372	61.739 ug/L	100
42) Toluene	7.41	91	13366	1.260 ug/L	99
48) 2-Hexanone	8.17	43	9876	3.434 ug/L #	90
52) Ethylbenzene	9.04	91	9204	0.783 ug/L	92
53) m,p-Xylene	9.16	106	8427	1.926 ug/L	98
54) o-xylene	9.57	106	3159	0.732 ug/L	96

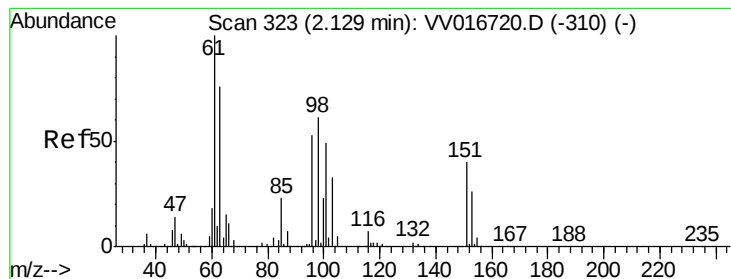
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
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QLast Update : Wed Jun 10 03:42:58 2020
Response via : Initial Calibration





#10

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

Concen: 0.696 ug/L

RT: 2.11 min Scan# 318

Delta R.T. -0.02 min

Lab File: VV016745.D

Acq: 10 Jun 2020 02:20

Instrument :

MSVOA_V

ClientSampleId :

F9E03

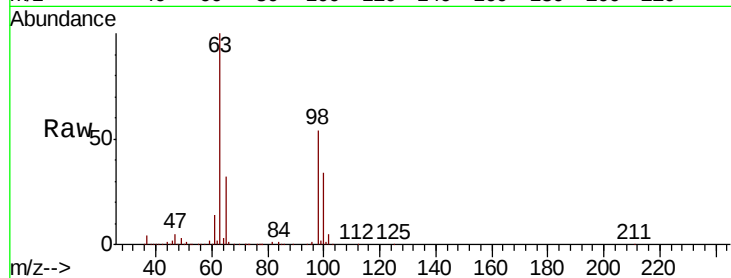
Tot Ion:101 Resp: 1350

Ion Ratio Lower Upper

101 100

85 3.3 35.5 53.3#

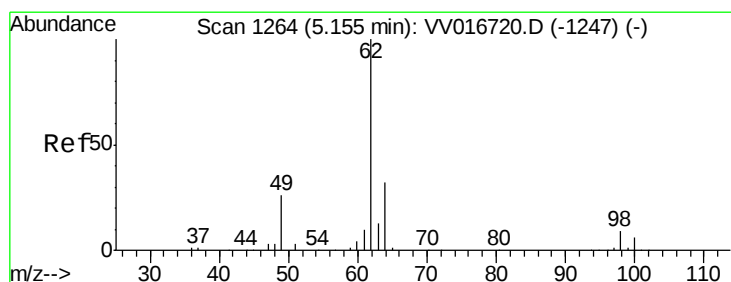
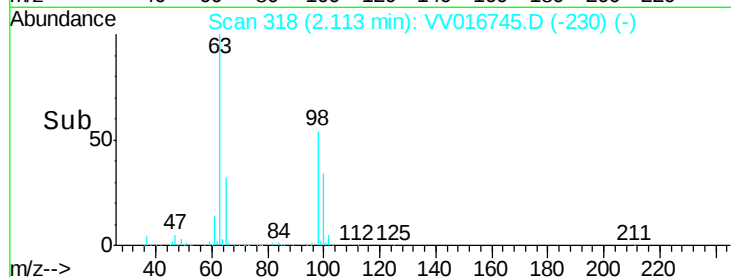
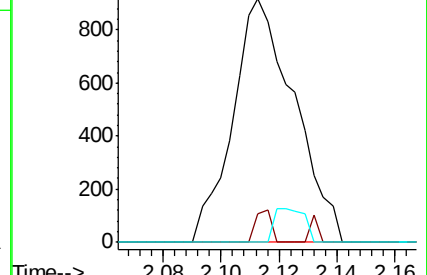
151 6.8 63.9 95.9#



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



#27

1,2-Dichloroethane

Concen: 1.023 ug/L

RT: 5.12 min Scan# 1253

Delta R.T. -0.04 min

Lab File: VV016745.D

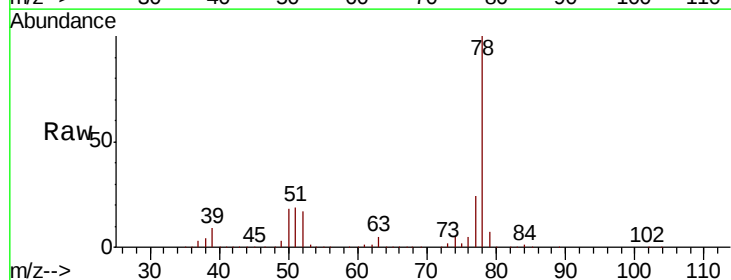
Acq: 10 Jun 2020 02:20

Tgt Ion: 62 Resp: 4095

Ion Ratio Lower Upper

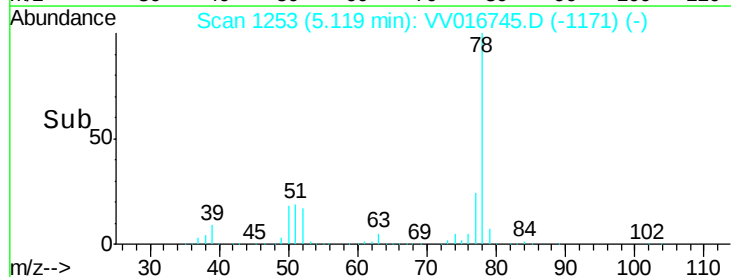
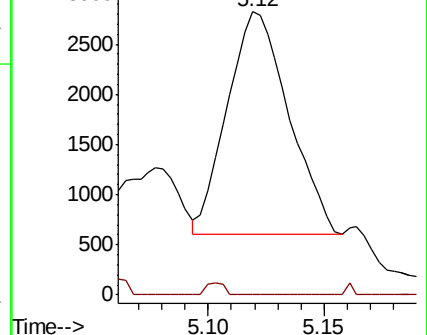
62 100

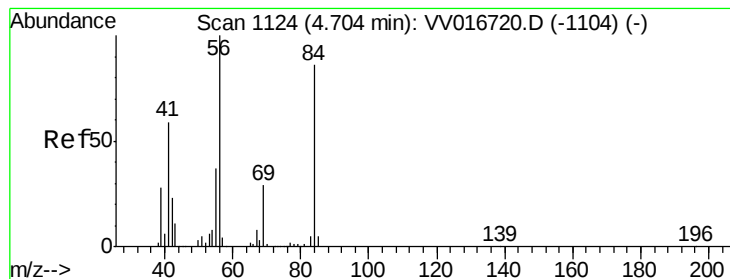
98 0.0 7.4 11.2#



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 98.00 (97.70 to 98.70): VV0





#29

Cyclohexane

Concen: 1.125 ug/L

RT: 4.70 min Scan# 1123

Delta R.T. -0.00 min

Lab File: VV016745.D

Acq: 10 Jun 2020 02:20

Instrument :

MSVOA_V

ClientSampleId :

F9E03

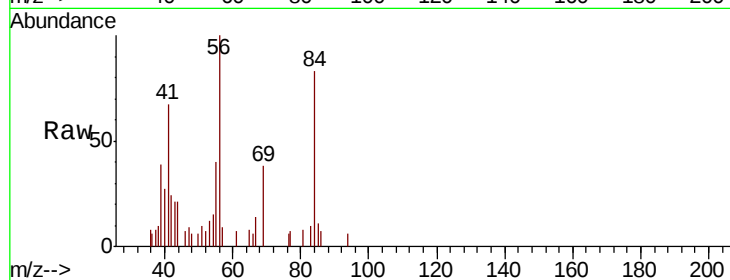
Tot Ion: 56 Resp: 4757

Ion Ratio Lower Upper

56 100

69 7.7 25.0 37.4#

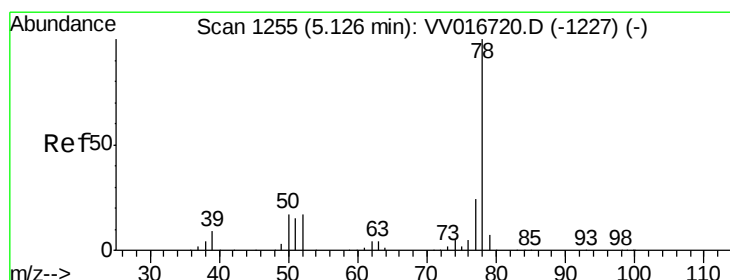
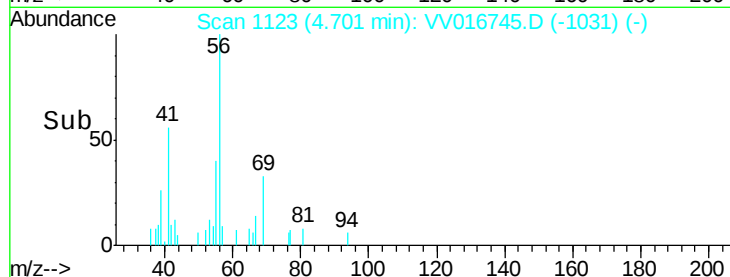
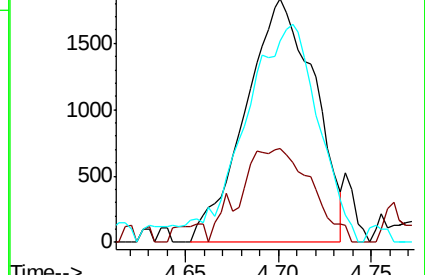
84 28.8 69.5 104.3#



Abundance Ion 56.00 (55.70 to 56.70): VV016720.D (-1104) (-)

Ion 69.00 (68.70 to 69.70): VV016720.D (-1104) (-)

Ion 84.00 (83.70 to 84.70): VV016720.D (-1104) (-)



#33

Benzene

Concen: 61.739 ug/L

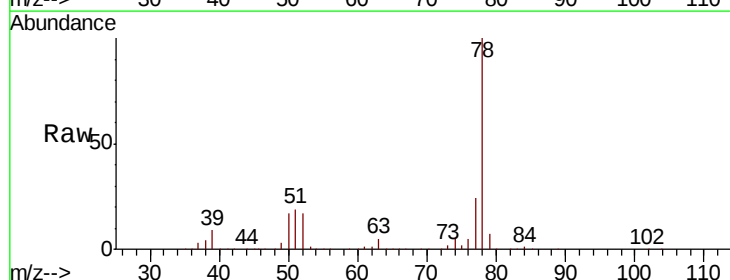
RT: 5.12 min Scan# 1254

Delta R.T. -0.00 min

Lab File: VV016745.D

Acq: 10 Jun 2020 02:20

Tgt Ion: 78 Resp: 621372



Abundance Ion 78.00 (77.70 to 78.70): VV016720.D (-1227) (-)

Ion 78.00 (77.70 to 78.70): VV016720.D (-1227) (-)

Ion 78.00 (77.70 to 78.70): VV016720.D (-1227) (-)

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Ion 78.00 (77.70 to 78.70): VV016720.D (-1227) (-)

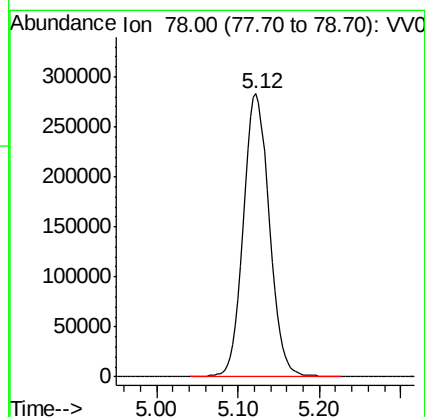
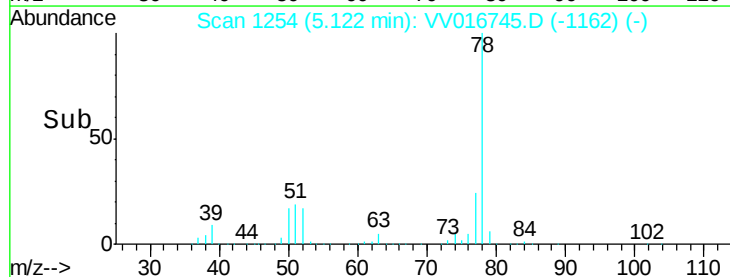
Ion 78.00 (77.70 to 78.70): VV016720.D (-1227) (-)

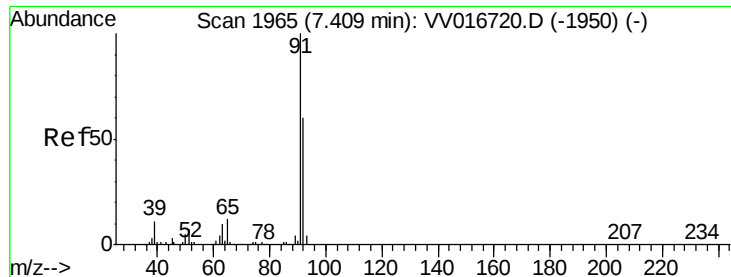
Ion 78.00 (77.70 to 78.70): VV016720.D (-1227) (-)

Ion 78.00 (77.70 to 78.70): VV016720.D (-1227) (-)

Ion 78.00 (77.70 to 78.70): VV016720.D (-1227) (-)

Ion 78.00 (77.70 to 78.70): VV016720.D (-1227) (-)





#42

Toluene

Concen: 1.260 ug/L

RT: 7.41 min Scan# 1967

Delta R.T. 0.01 min

Lab File: VV016745.D

Acq: 10 Jun 2020 02:20

Instrument :

MSVOA_V

ClientSampleId :

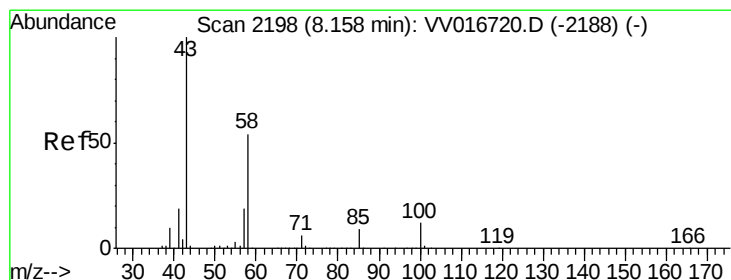
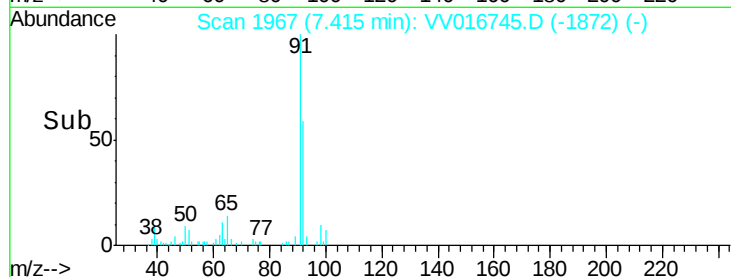
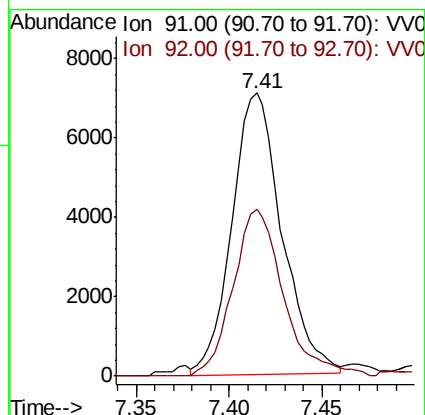
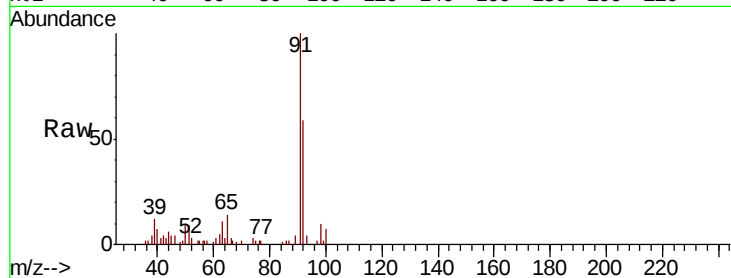
F9E03

Tot Ion: 91 Resp: 13366

Ion Ratio Lower Upper

91 100

92 58.8 40.4 75.0



#48

2-Hexanone

Concen: 3.434 ug/L

RT: 8.17 min Scan# 2201

Delta R.T. 0.01 min

Lab File: VV016745.D

Acq: 10 Jun 2020 02:20

Tgt Ion: 43 Resp: 9876

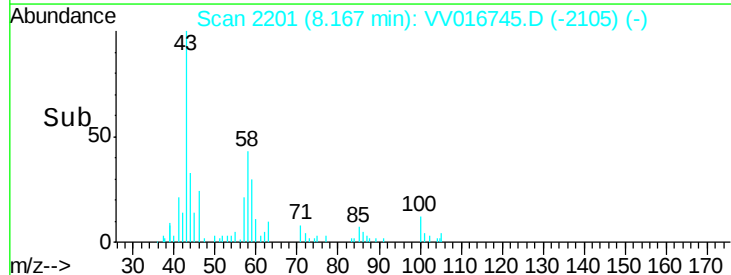
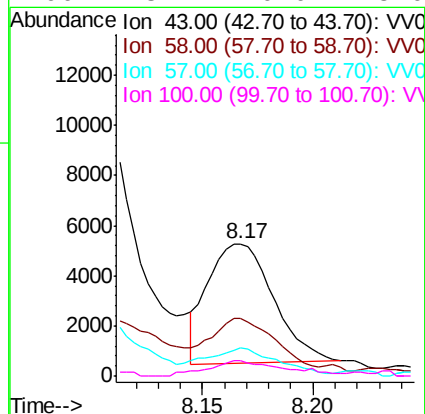
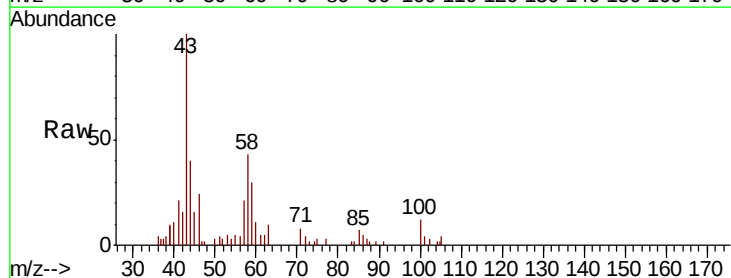
Ion Ratio Lower Upper

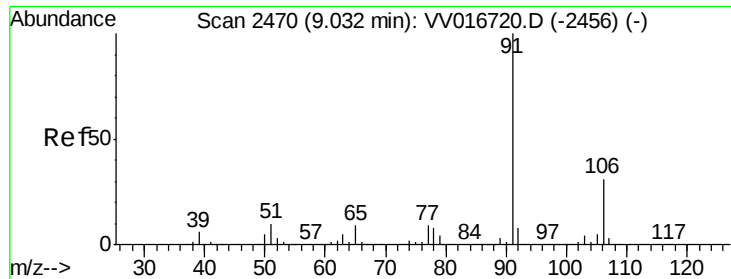
43 100

58 46.5 43.1 64.7

57 26.5 15.3 22.9

100 13.1 10.0 15.0





#52

Ethylbenzene

Concen: 0.783 ug/L

RT: 9.04 min Scan# 2472

Delta R.T. 0.01 min

Lab File: VV016745.D

Acq: 10 Jun 2020 02:20

Instrument :

MSVOA_V

ClientSampleId :

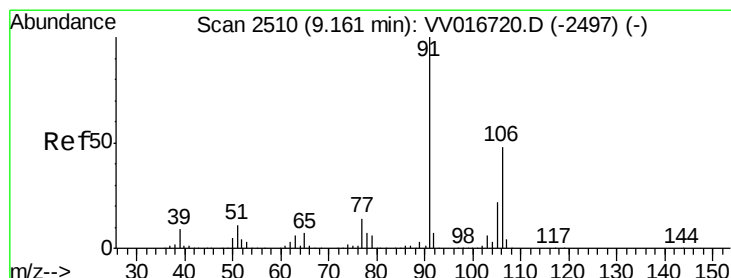
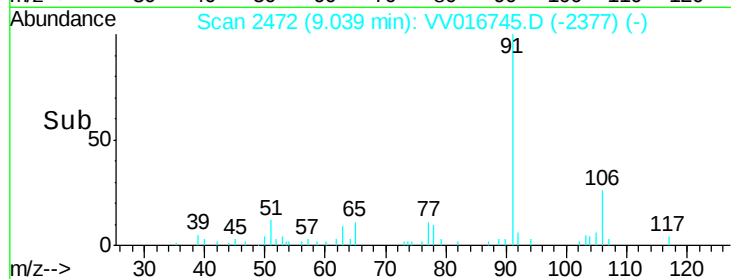
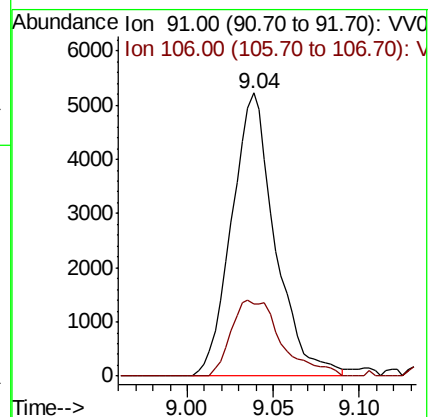
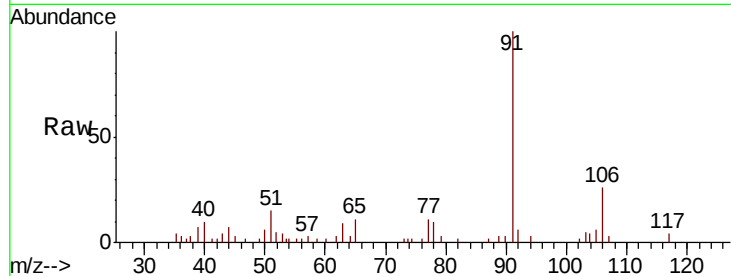
F9E03

Tot Ion: 91 Resp: 9204

Ion Ratio Lower Upper

91 100

106 25.5 21.1 39.1



#53

m,p-Xylene

Concen: 1.926 ug/L

RT: 9.16 min Scan# 2510

Delta R.T. -0.00 min

Lab File: VV016745.D

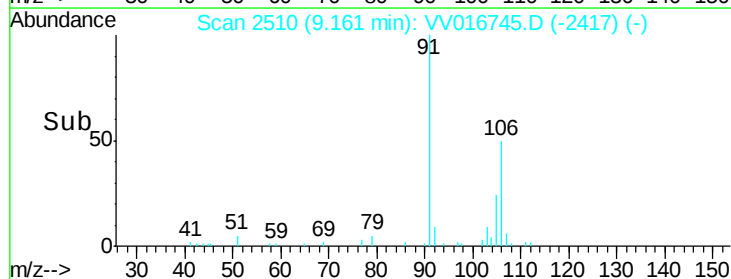
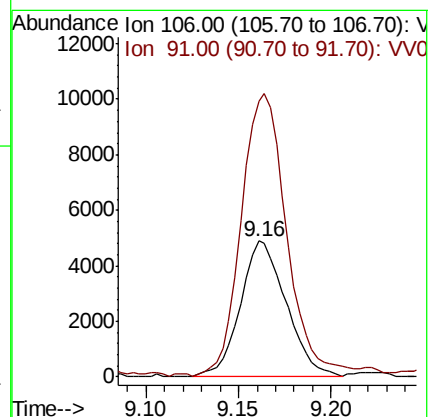
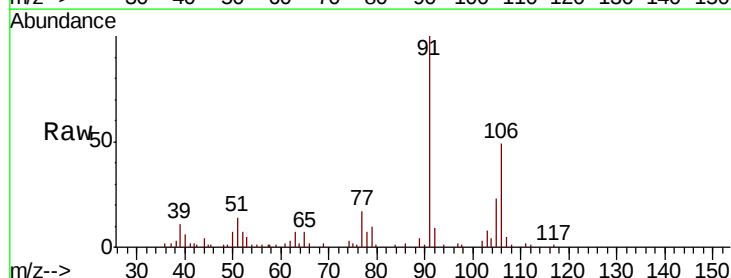
Acq: 10 Jun 2020 02:20

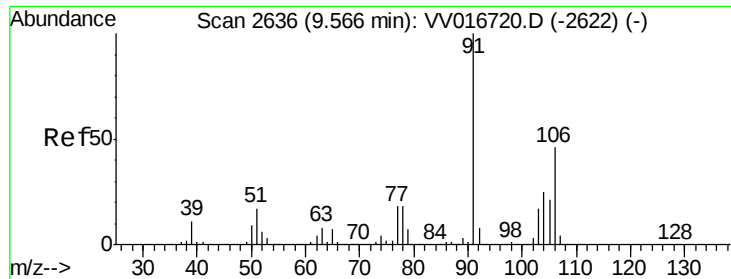
Tgt Ion: 106 Resp: 8427

Ion Ratio Lower Upper

106 100

91 203.4 144.6 268.6





#54
o-xylene
Concen: 0.732 ug/L
RT: 9.57 min Scan# 2637
Delta R.T. 0.00 min
Lab File: VV016745.D
Acq: 10 Jun 2020 02:20

Instrument :
MSVOA_V
ClientSampleId :
F9E03

Tot Ion:106 Resp: 3159
Ion Ratio Lower Upper
106 100
91 228.7 155.9 289.5

