

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061220\
 Data File : VV016898.D
 Acq On : 12 Jun 2020 22:57
 Operator : SY/MD
 Sample : L2914-14 10X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9E26

Quant Time: Jun 13 03:11:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 13 03:02:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	352404	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	332188	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	175518	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	99094	39.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.70%
7) Chloroethane-d5	1.55	69	57305	38.41	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	76.82%
11) 1,1-Dichloroethene-d2	2.11	63	127816	30.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.22%
21) 2-Butanone-d5	3.90	46	168145	91.36	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.36%
24) Chloroform-d	4.37	84	218813	43.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.56%
26) 1,2-Dichloroethane-d4	5.05	65	162597	47.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.56%
32) Benzene-d6	5.07	84	419883	43.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.70%
36) 1,2-Dichloropropane-d6	6.09	67	132372	44.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.70%
41) Toluene-d8	7.34	98	382264	43.50	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.00%
43) trans-1,3-Dichloropropene-	7.64	79	64959	41.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.56%
47) 2-Hexanone-d5	8.11	63	105720	81.24	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	81.24%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	181020	45.81	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.62%
64) 1,2-Dichlorobenzene-d4	11.65	152	173939	46.44	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.88%

Target Compounds

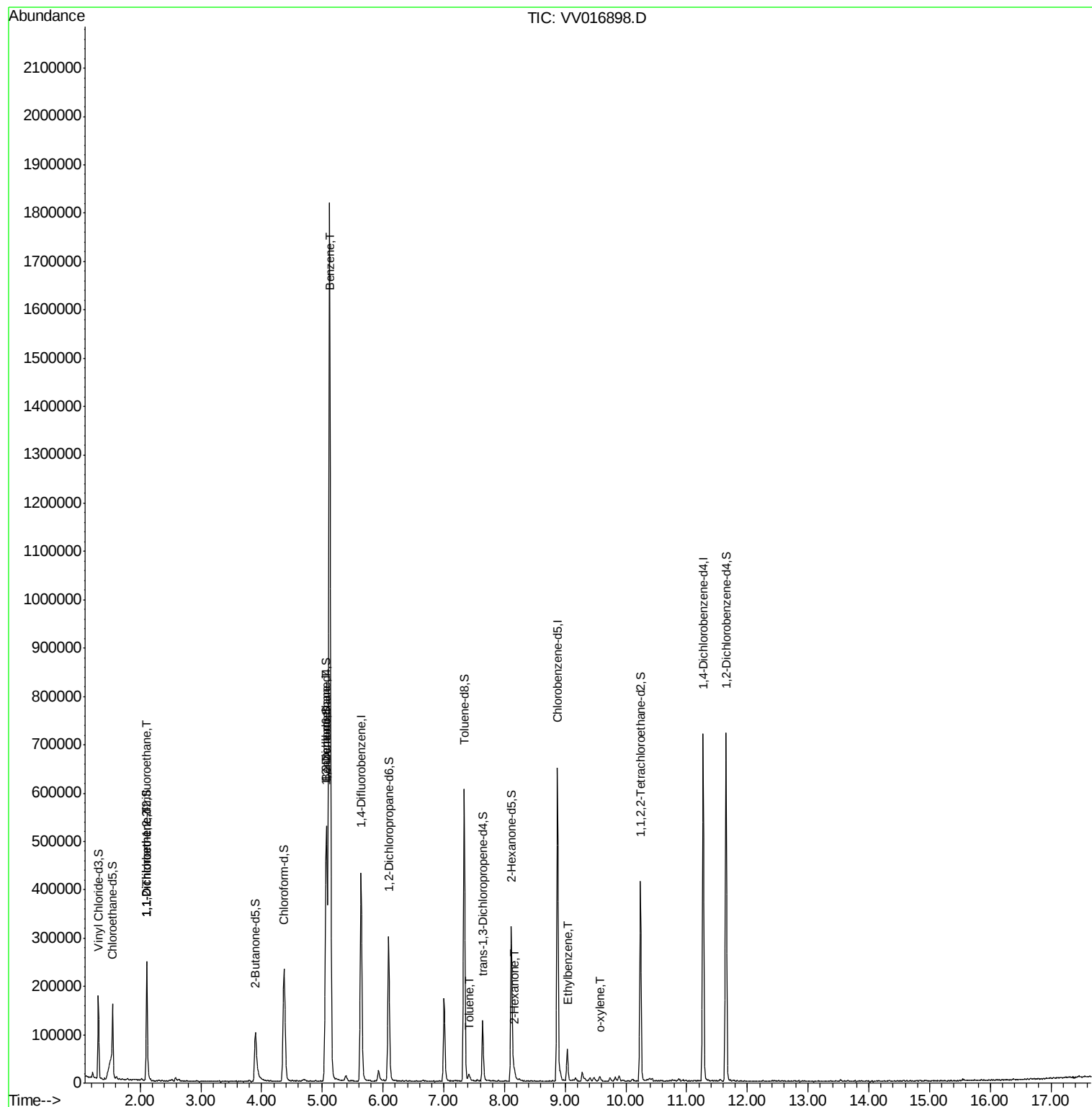
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	1386	0.740 ug/L #	26
12) 1,1-Dichloroethene	2.11	96	1217	0.696 ug/L #	1
27) 1,2-Dichloroethane	5.07	62	2994	0.774 ug/L	99
33) Benzene	5.12	78	1729957	176.015 ug/L	100
42) Toluene	7.41	91	9121	0.880 ug/L	99
48) 2-Hexanone	8.17	43	9491	3.380 ug/L #	79
52) Ethylbenzene	9.04	91	44329	3.863 ug/L	100
54) o-xylene	9.56	106	2367	0.562 ug/L	87

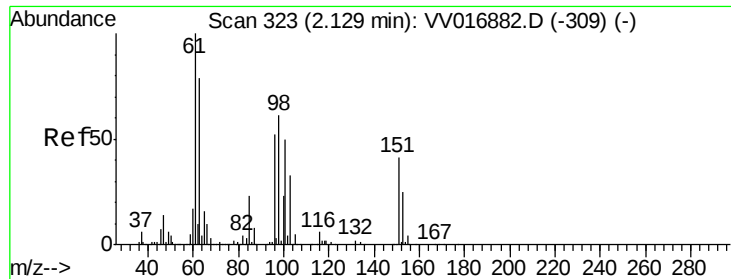
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jun 13 03:02:20 2020
Response via : Initial Calibration





#10

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

Concen: 0.740 ug/L

RT: 2.11 min Scan# 317

Delta R.T. -0.02 min

Lab File: VV016898.D

Acq: 12 Jun 2020 22:57

Instrument :

MSVOA_V

ClientSampleId :

F9E26

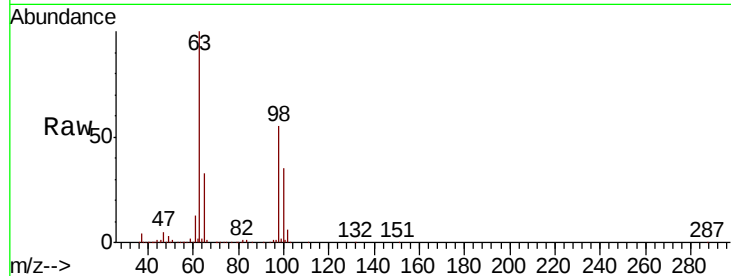
Tot Ion:101 Resp: 1386

Ion Ratio Lower Upper

101 100

85 5.9 35.5 53.3#

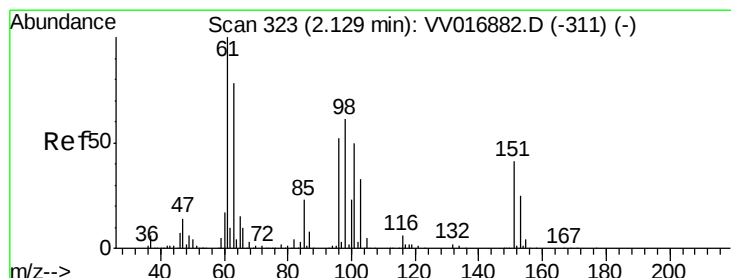
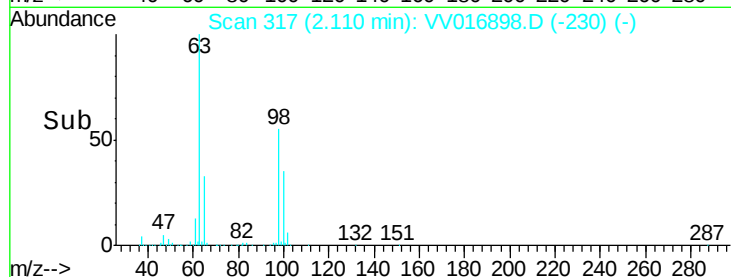
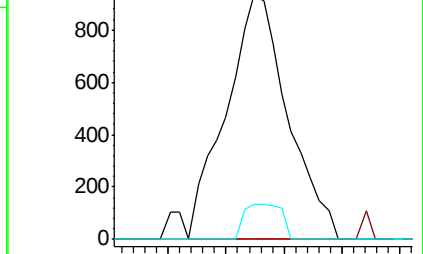
151 7.1 63.9 95.9#



Abundance Ion 101.00 (100.70 to 101.70): VV016898.D (-230) (-)

Ion 85.00 (84.70 to 85.70): VV016898.D (-230) (-)

Ion 151.00 (150.70 to 151.70): VV016898.D (-230) (-)



#12

1,1-Dichloroethene

Concen: 0.696 ug/L

RT: 2.11 min Scan# 318

Delta R.T. -0.02 min

Lab File: VV016898.D

Acq: 12 Jun 2020 22:57

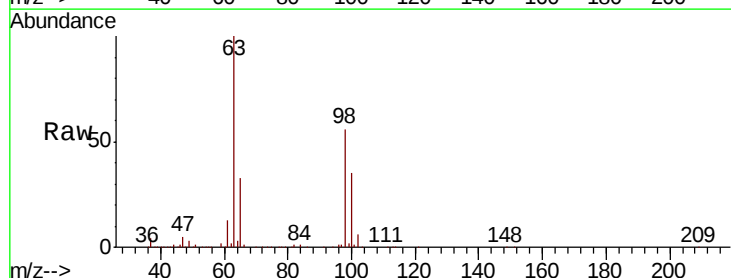
Tgt Ion: 96 Resp: 1217

Ion Ratio Lower Upper

96 100

61 1755.4 130.4 242.2#

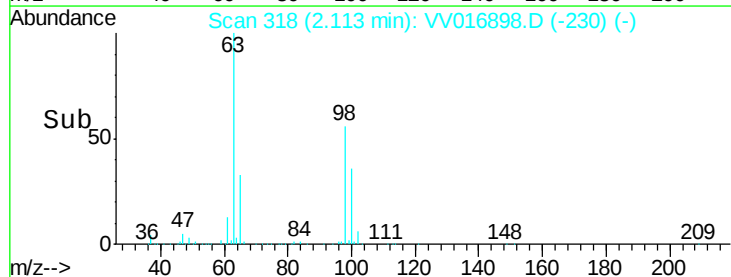
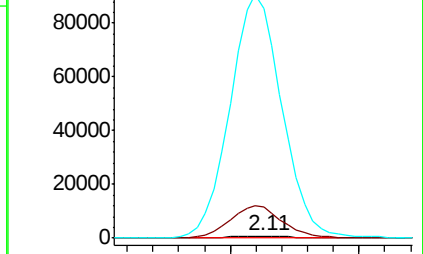
63 13112.9 103.3 191.9#

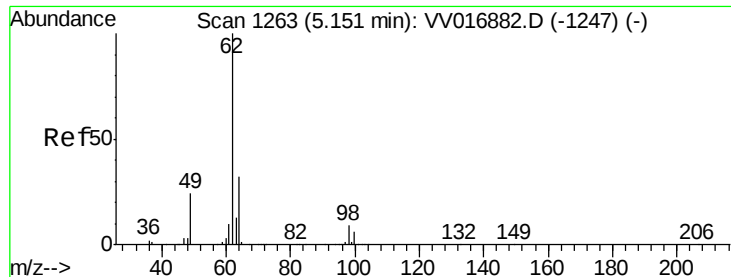


Abundance Ion 96.00 (95.70 to 96.70): VV016898.D (-230) (-)

Ion 61.00 (60.70 to 61.70): VV016898.D (-230) (-)

Ion 63.00 (62.70 to 63.70): VV016898.D (-230) (-)





#27

1,2-Dichloroethane

Concen: 0.774 ug/L

RT: 5.07 min Scan# 1239

Delta R.T. -0.08 min

Lab File: VV016898.D

Acq: 12 Jun 2020 22:57

Instrument :

MSVOA_V

ClientSampleId :

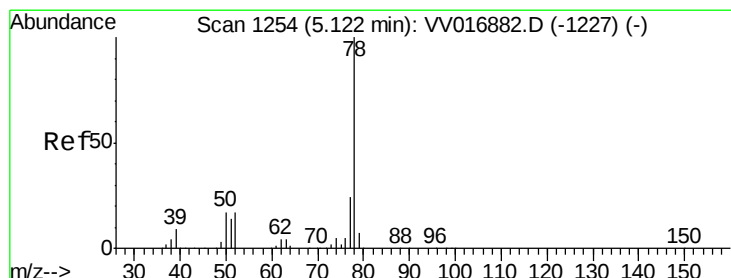
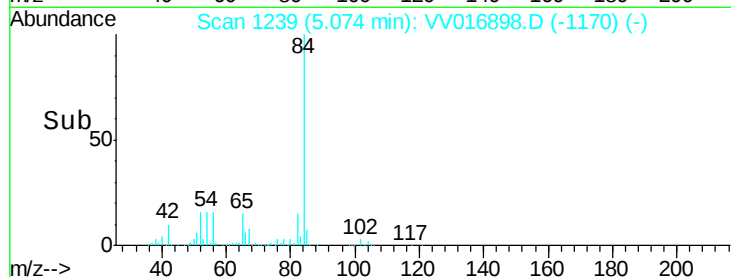
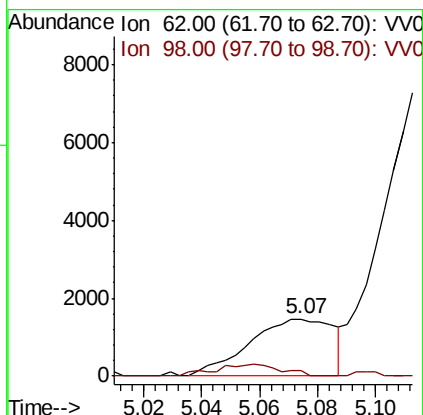
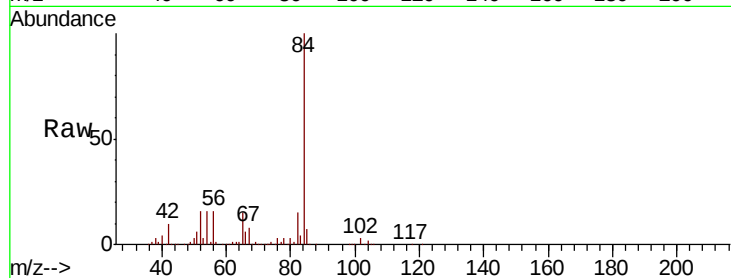
F9E26

Tot Ion: 62 Resp: 2994

Ion Ratio Lower Upper

62 100

98 9.0 7.4 11.2



#33

Benzene

Concen: 176.015 ug/L

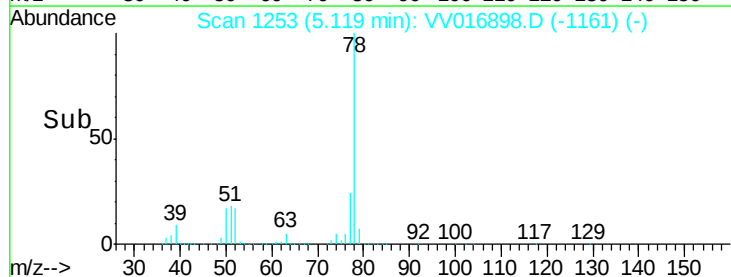
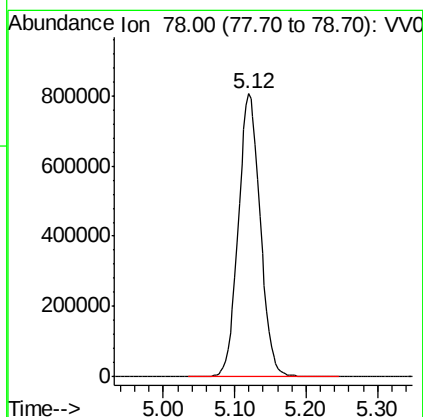
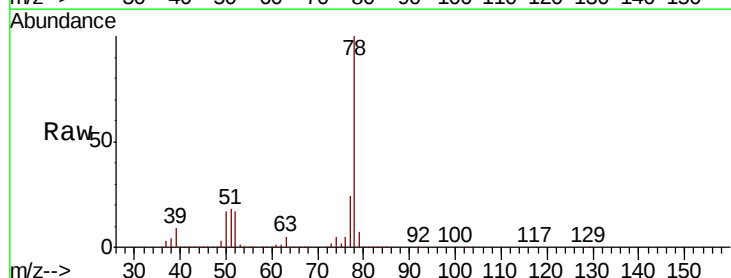
RT: 5.12 min Scan# 1253

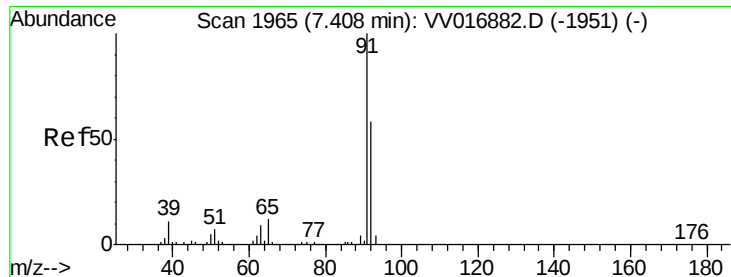
Delta R.T. -0.00 min

Lab File: VV016898.D

Acq: 12 Jun 2020 22:57

Tgt Ion: 78 Resp: 1729957





#42

Toluene

Concen: 0.880 ug/L

RT: 7.41 min Scan# 1967

Delta R.T. 0.01 min

Lab File: VV016898.D

Acq: 12 Jun 2020 22:57

Instrument :

MSVOA_V

ClientSampled :

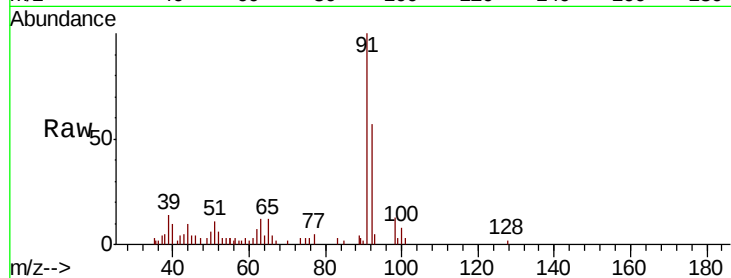
F9E26

Tot Ion: 91 Resp: 9121

Ion Ratio Lower Upper

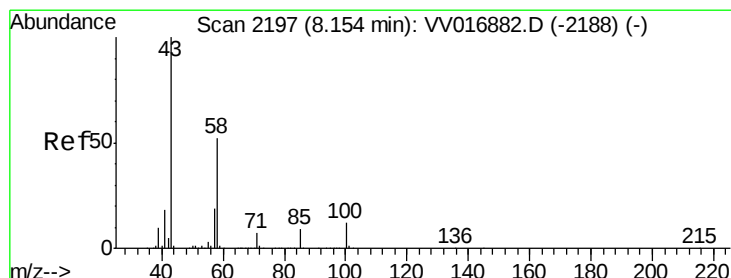
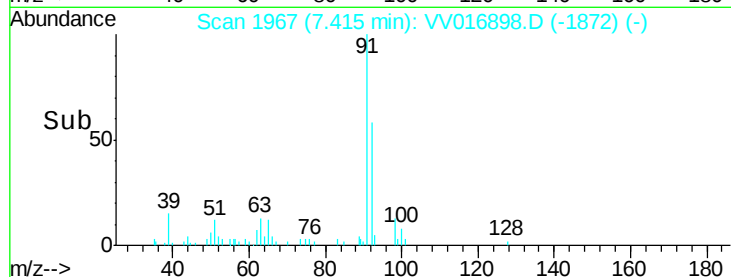
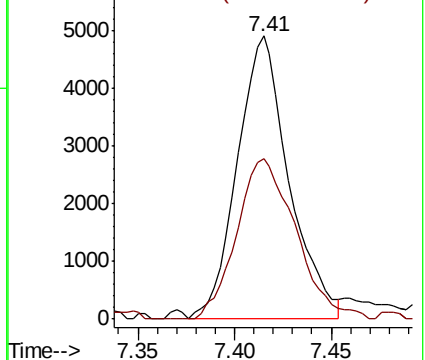
91 100

92 56.8 40.4 75.0



Abundance Ion 91.00 (90.70 to 91.70): VV016882.D (-1951) (-)

Ion 92.00 (91.70 to 92.70): VV016882.D (-1951) (-)



#48

2-Hexanone

Concen: 3.380 ug/L

RT: 8.17 min Scan# 2202

Delta R.T. 0.02 min

Lab File: VV016898.D

Acq: 12 Jun 2020 22:57

Tgt Ion: 43 Resp: 9491

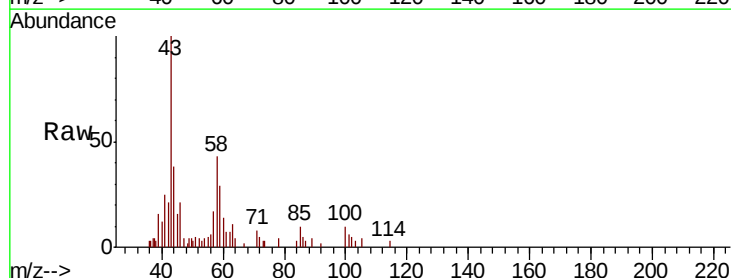
Ion Ratio Lower Upper

43 100

58 39.9 43.1 64.7#

57 3.2 15.3 22.9#

100 10.5 10.0 15.0

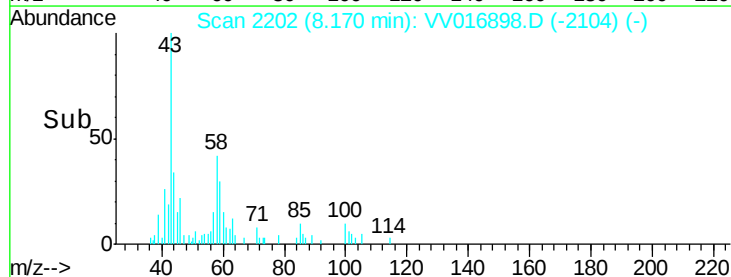
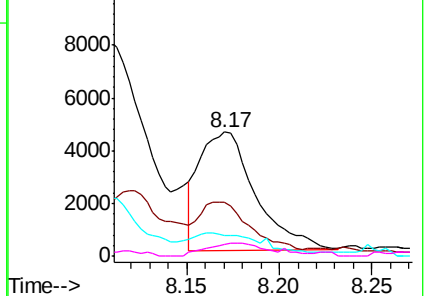


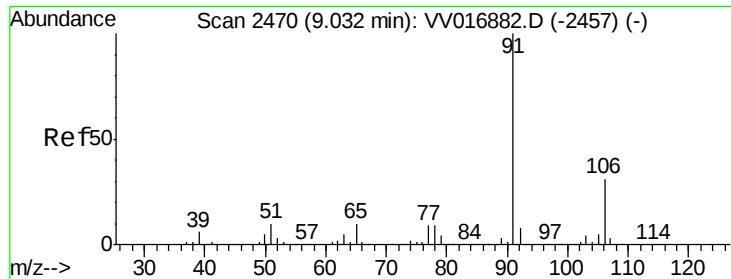
Abundance Ion 43.00 (42.70 to 43.70): VV016882.D (-2188) (-)

Ion 58.00 (57.70 to 58.70): VV016882.D (-2188) (-)

Ion 57.00 (56.70 to 57.70): VV016882.D (-2188) (-)

Ion 100.00 (99.70 to 100.70): VV016882.D (-2188) (-)





#52

Ethylbenzene

Concen: 3.863 ug/L

RT: 9.04 min Scan# 2471

Delta R.T. 0.00 min

Lab File: VV016898.D

Acq: 12 Jun 2020 22:57

Instrument :

MSVOA_V

ClientSampleId :

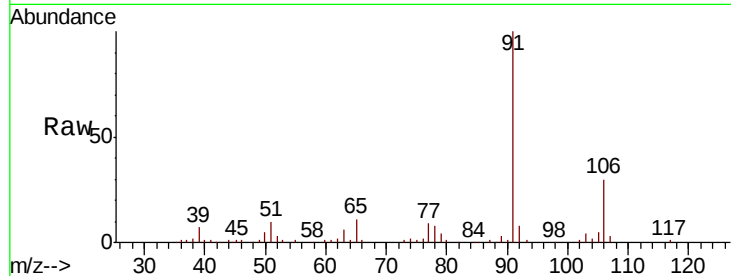
F9E26

Tot Ion: 91 Resp: 44329

Ion Ratio Lower Upper

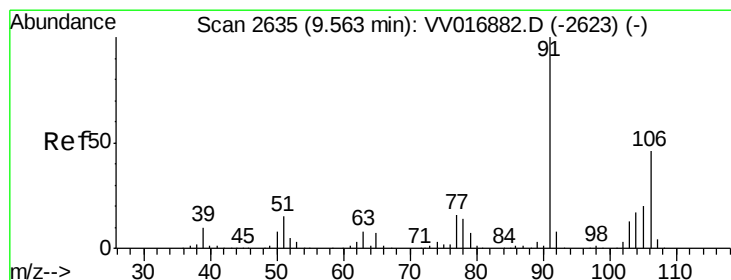
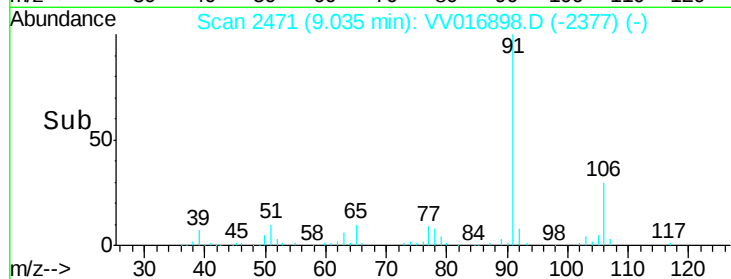
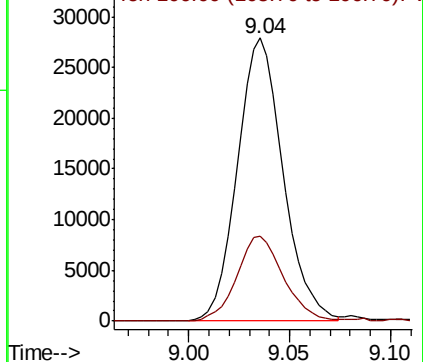
91 100

106 29.9 21.1 39.1



Abundance Ion 91.00 (90.70 to 91.70): VV016898.D (-2377) (-)

Ion 106.00 (105.70 to 106.70): VV016898.D (-2377) (-)



#54

o-xylene

Concen: 0.562 ug/L

RT: 9.56 min Scan# 2635

Delta R.T. 0.00 min

Lab File: VV016898.D

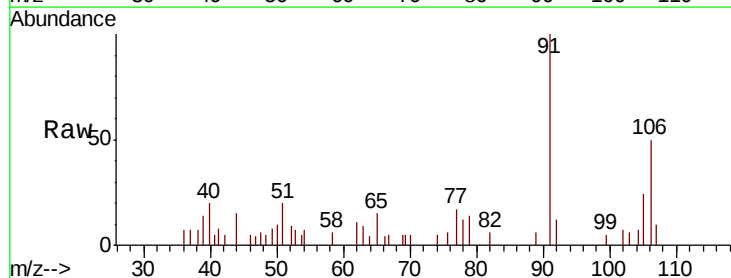
Acq: 12 Jun 2020 22:57

Tgt Ion: 106 Resp: 2367

Ion Ratio Lower Upper

106 100

91 201.9 155.9 289.5



Abundance Ion 106.00 (105.70 to 106.70): VV016898.D (-2542) (-)

Ion 91.00 (90.70 to 91.70): VV016898.D (-2542) (-)

