

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061520\
 Data File : VV016940.D
 Acq On : 15 Jun 2020 17:27
 Operator : SY/MD
 Sample : L2990-12DL 500X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E3YG8DL

Quant Time: Jun 16 05:51:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 16 05:46:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	338297	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	326626	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	167578	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	91809	38.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.92%
7) Chloroethane-d5	1.56	69	68244	47.64	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.28%
11) 1,1-Dichloroethene-d2	2.12	63	131594	32.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.66%
21) 2-Butanone-d5	3.89	46	160357	90.76	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.76%
24) Chloroform-d	4.37	84	216142	44.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.06%
26) 1,2-Dichloroethane-d4	5.05	65	158760	48.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.18%
32) Benzene-d6	5.07	84	425399	45.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.36%
36) 1,2-Dichloropropane-d6	6.09	67	132080	45.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.00%
41) Toluene-d8	7.34	98	400933	46.40	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.80%
43) trans-1,3-Dichloropropene-	7.64	79	66811	43.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.42%
47) 2-Hexanone-d5	8.11	63	97426	76.14	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	76.14%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	166744	42.92	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.84%
64) 1,2-Dichlorobenzene-d4	11.65	152	173779	48.59	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.18%

Target Compounds

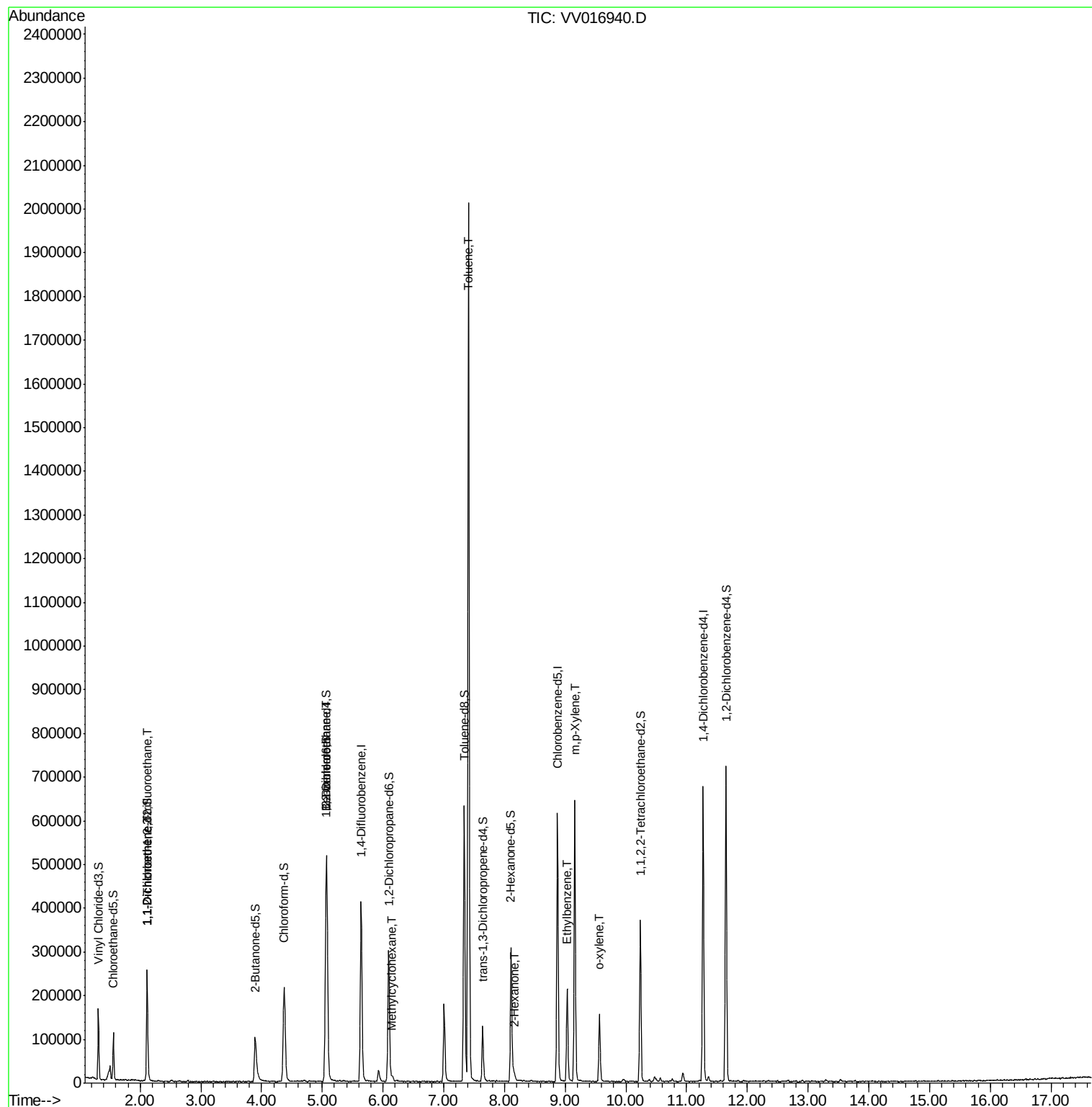
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1474	0.820 ug/L #	25
12) 1,1-Dichloroethene	2.12	96	1442	0.859 ug/L #	1
27) 1,2-Dichloroethane	5.07	62	3236	0.872 ug/L	98
35) Methylcyclohexane	6.16	83	4659	1.146 ug/L	88
42) Toluene	7.41	91	1384688	135.919 ug/L	99
48) 2-Hexanone	8.16	43	7796	2.823 ug/L #	95
52) Ethylbenzene	9.03	91	143343	12.703 ug/L	99
53) m,p-Xylene	9.16	106	168194	40.033 ug/L	94
54) o-xylene	9.57	106	40687	9.819 ug/L	97

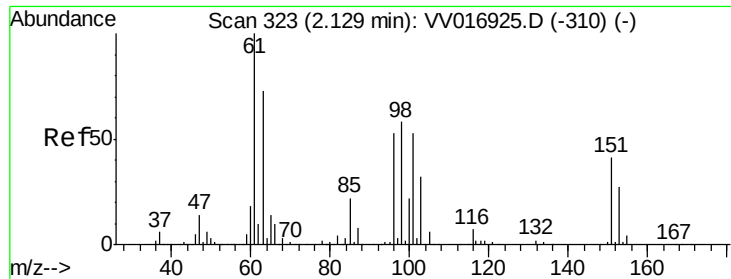
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue Jun 16 05:46:50 2020
Response via : Initial Calibration





#10

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

Concen: 0.820 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV016940.D

Acq: 15 Jun 2020 17:27

Instrument :

MSVOA_V

ClientSampleId :

E3YG8DL

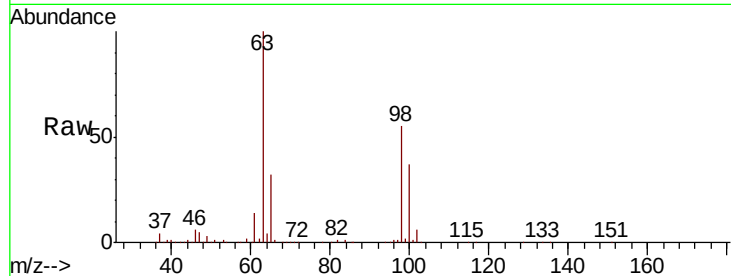
Tot Ion:101 Resp: 1474

Ion Ratio Lower Upper

101 100

85 3.0 35.5 53.3#

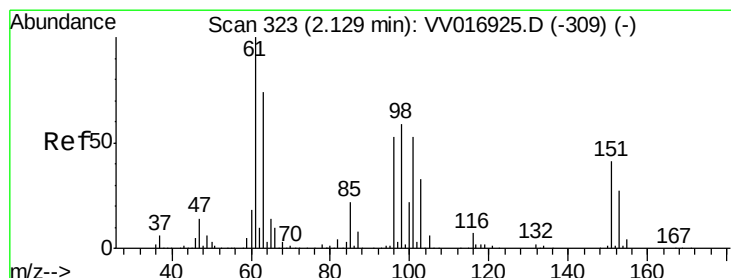
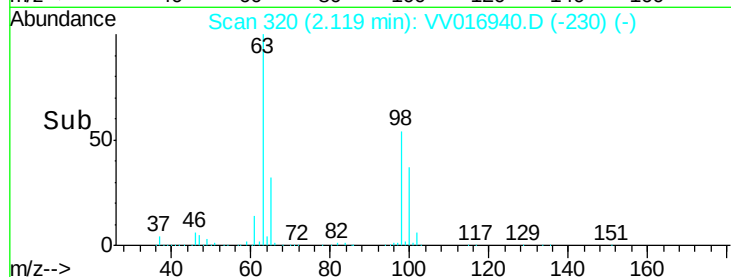
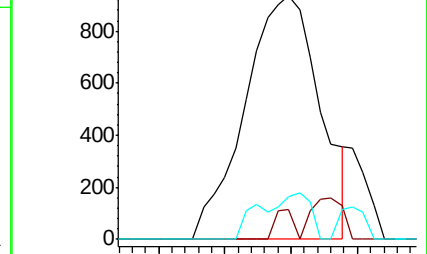
151 7.9 63.9 95.9#



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



#12

1,1-Dichloroethene

Concen: 0.859 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV016940.D

Acq: 15 Jun 2020 17:27

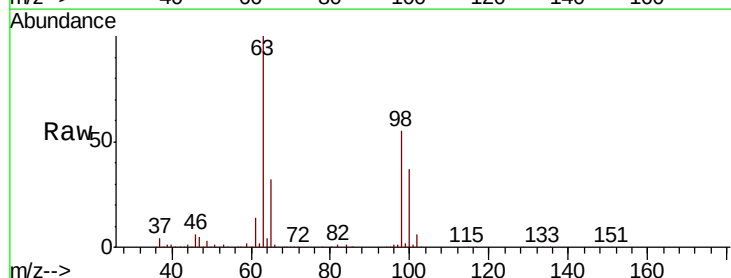
Tgt Ion: 96 Resp: 1442

Ion Ratio Lower Upper

96 100

61 1381.4 130.4 242.2#

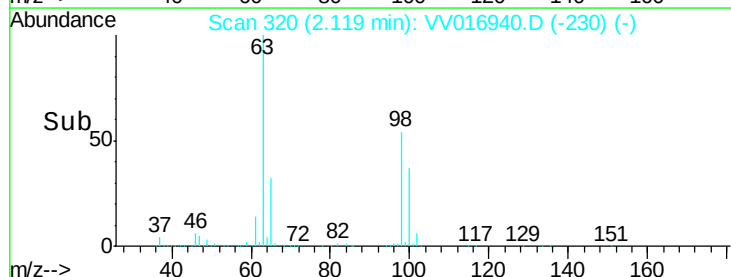
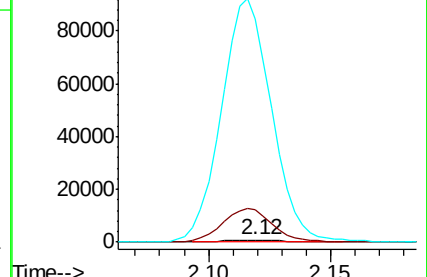
63 9623.7 103.3 191.9#

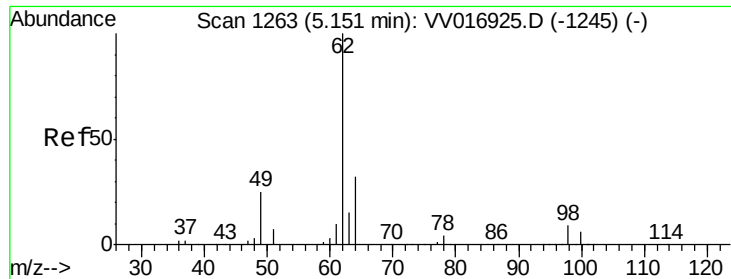


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0

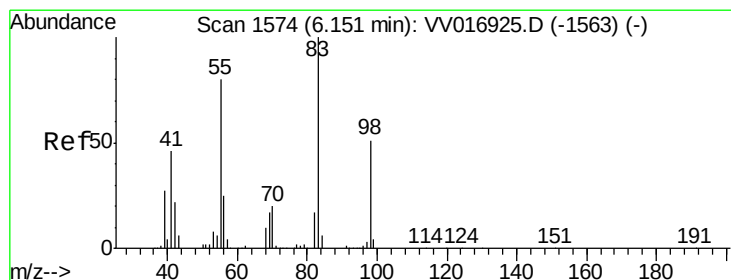
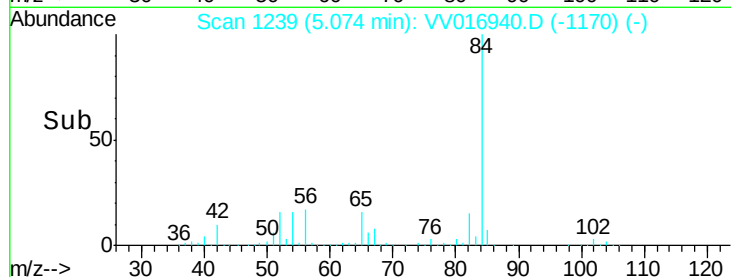
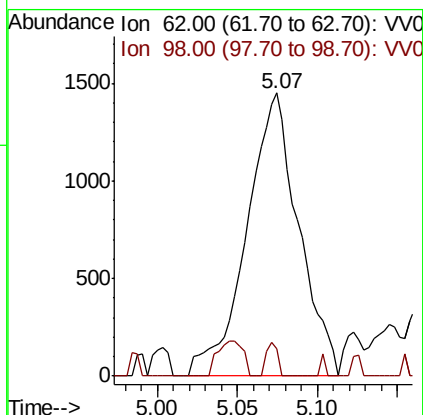
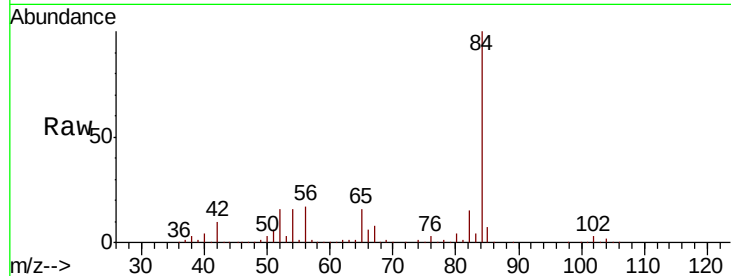




#27
 1,2-Dichloroethane
 Concen: 0.872 ug/L
 RT: 5.07 min Scan# 1239
 Delta R.T. -0.08 min
 Lab File: VV016940.D
 Acq: 15 Jun 2020 17:27

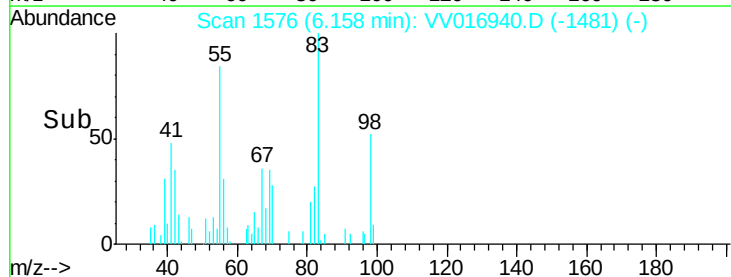
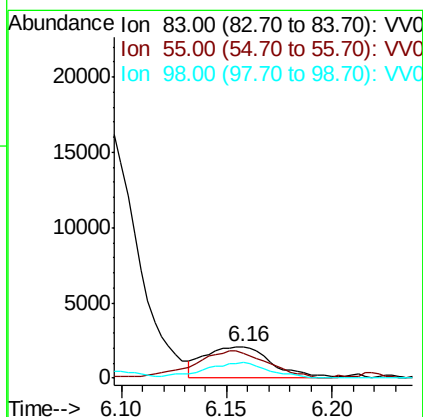
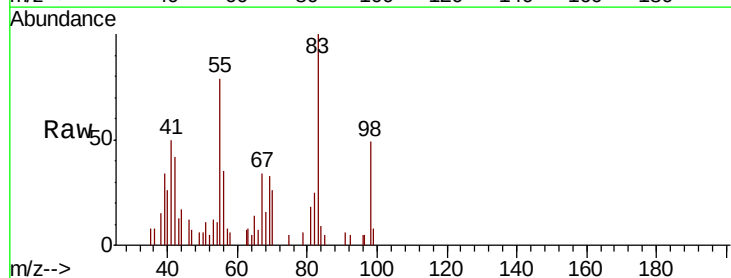
Instrument :
 MSVOA_V
 ClientSampleId :
 E3YG8DL

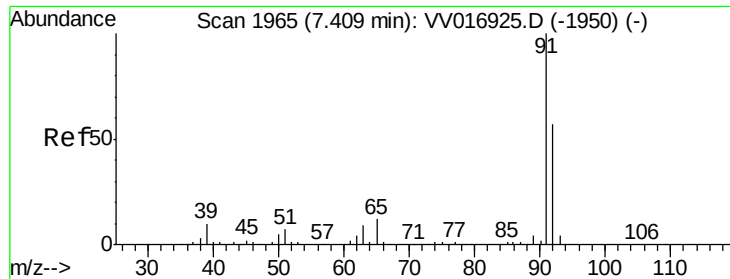
Tot Ion: 62 Resp: 3236
 Ion Ratio Lower Upper
 62 100
 98 9.9 7.4 11.2



#35
 Methylcyclohexane
 Concen: 1.146 ug/L
 RT: 6.16 min Scan# 1576
 Delta R.T. 0.01 min
 Lab File: VV016940.D
 Acq: 15 Jun 2020 17:27

Tgt Ion: 83 Resp: 4659
 Ion Ratio Lower Upper
 83 100
 55 94.3 64.2 96.2
 98 46.5 40.3 60.5





#42

Toluene

Concen: 135.919 ug/L

RT: 7.41 min Scan# 1965

Delta R.T. -0.00 min

Lab File: VV016940.D

Acq: 15 Jun 2020 17:27

Instrument :

MSVOA_V

ClientSampleId :

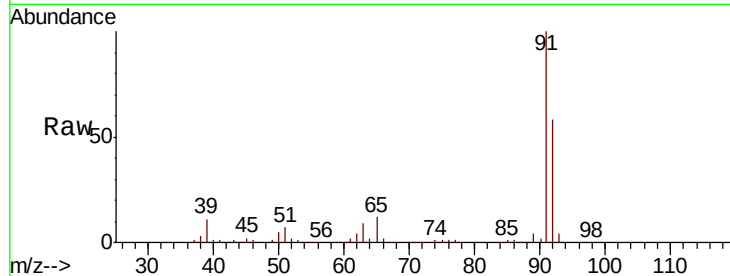
E3YG8DL

Tot Ion: 91 Resp: 1384688

Ion Ratio Lower Upper

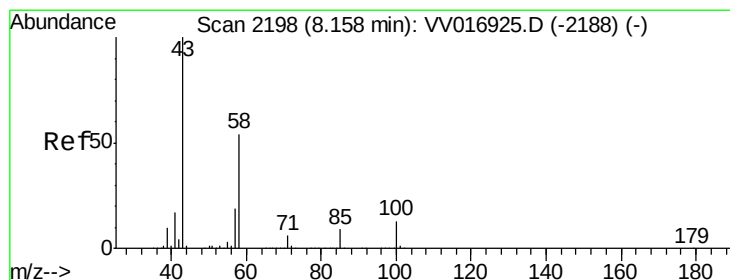
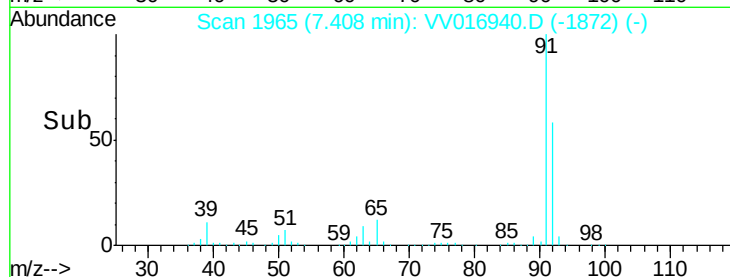
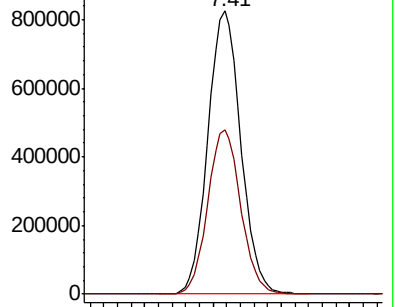
91 100

92 58.1 40.4 75.0



Abundance Ion 91.00 (90.70 to 91.70): VV016925.D (-1950) (-)

Ion 92.00 (91.70 to 92.70): VV016925.D (-1950) (-)



#48

2-Hexanone

Concen: 2.823 ug/L

RT: 8.16 min Scan# 2200

Delta R.T. 0.01 min

Lab File: VV016940.D

Acq: 15 Jun 2020 17:27

Tgt Ion: 43 Resp: 7796

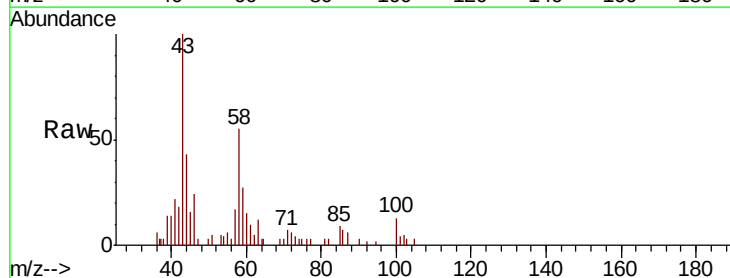
Ion Ratio Lower Upper

43 100

58 55.4 43.1 64.7

57 12.0 15.3 22.9#

100 11.3 10.0 15.0

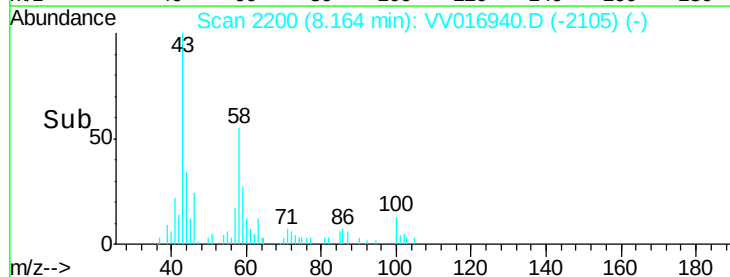
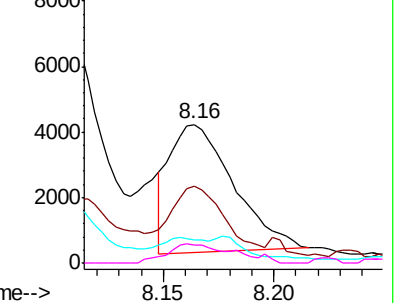


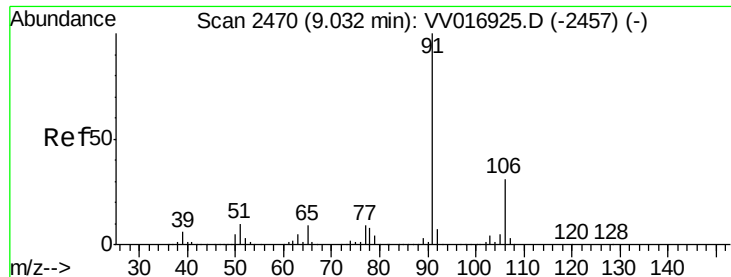
Abundance Ion 43.00 (42.70 to 43.70): VV016925.D (-2188) (-)

Ion 58.00 (57.70 to 58.70): VV016925.D (-2188) (-)

Ion 57.00 (56.70 to 57.70): VV016925.D (-2188) (-)

Ion 100.00 (99.70 to 100.70): VV016925.D (-2188) (-)





#52

Ethylbenzene

Concen: 12.703 ug/L

RT: 9.03 min Scan# 2470

Delta R.T. -0.00 min

Lab File: VV016940.D

Acq: 15 Jun 2020 17:27

Instrument :

MSVOA_V

ClientSampleId :

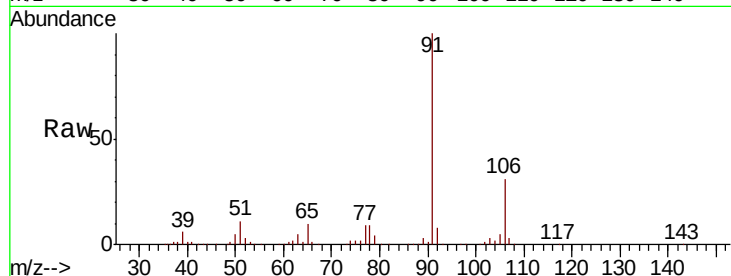
E3YG8DL

Tot Ion: 91 Resp: 143343

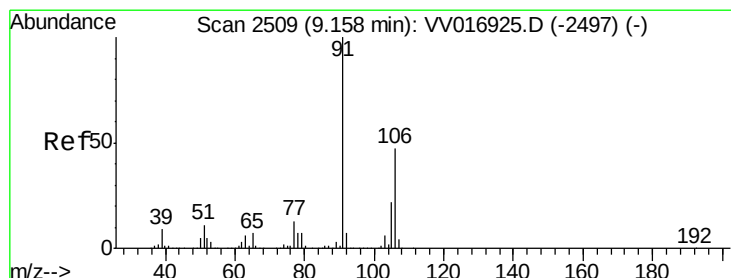
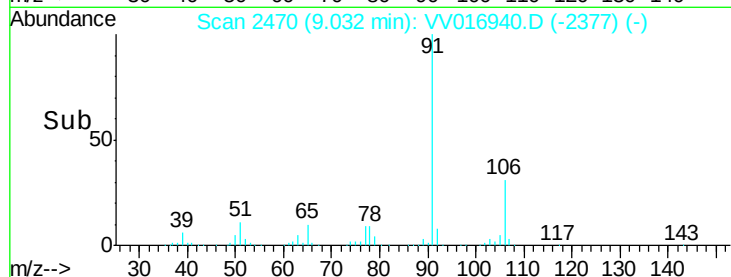
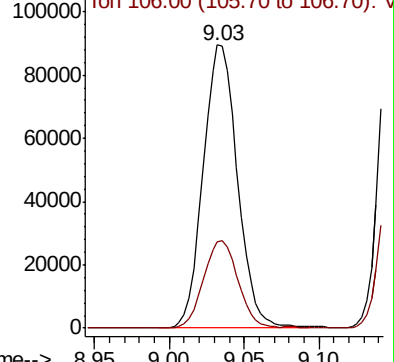
Ion Ratio Lower Upper

91 100

106 30.5 21.1 39.1



Abundance Ion 91.00 (90.70 to 91.70): VV016940.D (-2377) (-)



#53

m,p-Xylene

Concen: 40.033 ug/L

RT: 9.16 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VV016940.D

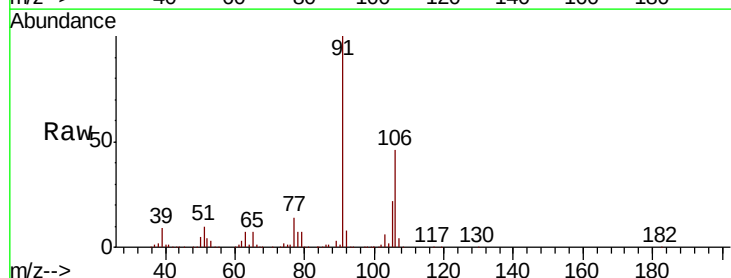
Acq: 15 Jun 2020 17:27

Tgt Ion: 106 Resp: 168194

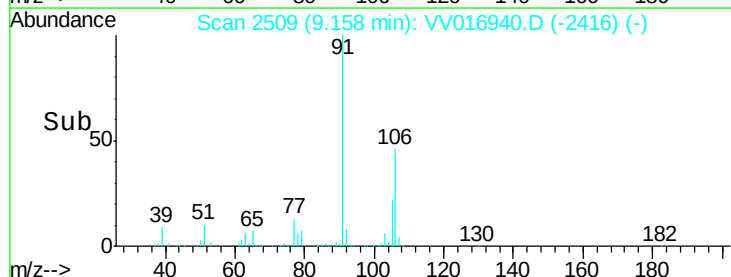
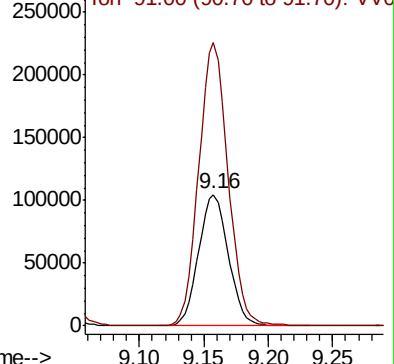
Ion Ratio Lower Upper

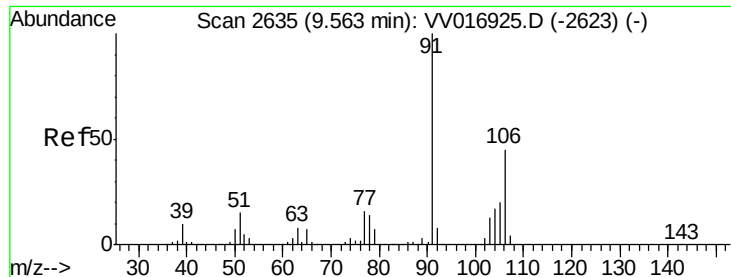
106 100

91 215.2 144.6 268.6



Abundance Ion 106.00 (105.70 to 106.70): VV016940.D (-2416) (-)





#54
 o-xylene
 Concen: 9.819 ug/L
 RT: 9.57 min Scan# 2636
 Delta R.T. 0.00 min
 Lab File: VV016940.D
 Acq: 15 Jun 2020 17:27

Instrument :
 MSVOA_V
 ClientSampleId :
 E3YG8DL

Tot Ion:106 Resp: 40687
 Ion Ratio Lower Upper
 106 100
 91 227.8 155.9 289.5

