

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061520\
 Data File : VV016941.D
 Acq On : 15 Jun 2020 17:51
 Operator : SY/MD
 Sample : L2990-15DL2 800X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E3YG9DL2

Quant Time: Jun 16 05:51:23 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	336791	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	320283	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	157414	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	93645	39.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.82%
7) Chloroethane-d5	1.56	69	70840	49.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.36%
11) 1,1-Dichloroethene-d2	2.12	63	138758	34.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.54%
21) 2-Butanone-d5	3.89	46	161013	91.54	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.54%
24) Chloroform-d	4.37	84	227182	47.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.02%
26) 1,2-Dichloroethane-d4	5.05	65	161804	49.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.46%
32) Benzene-d6	5.07	84	437639	47.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.80%
36) 1,2-Dichloropropane-d6	6.09	67	134354	46.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.36%
41) Toluene-d8	7.34	98	402378	47.49	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.98%
43) trans-1,3-Dichloropropene-	7.64	79	68047	45.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.80%
47) 2-Hexanone-d5	8.11	63	94756	75.52	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	75.52%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	163334	42.87	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.74%
64) 1,2-Dichlorobenzene-d4	11.65	152	172744	51.42	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.84%

Target Compounds

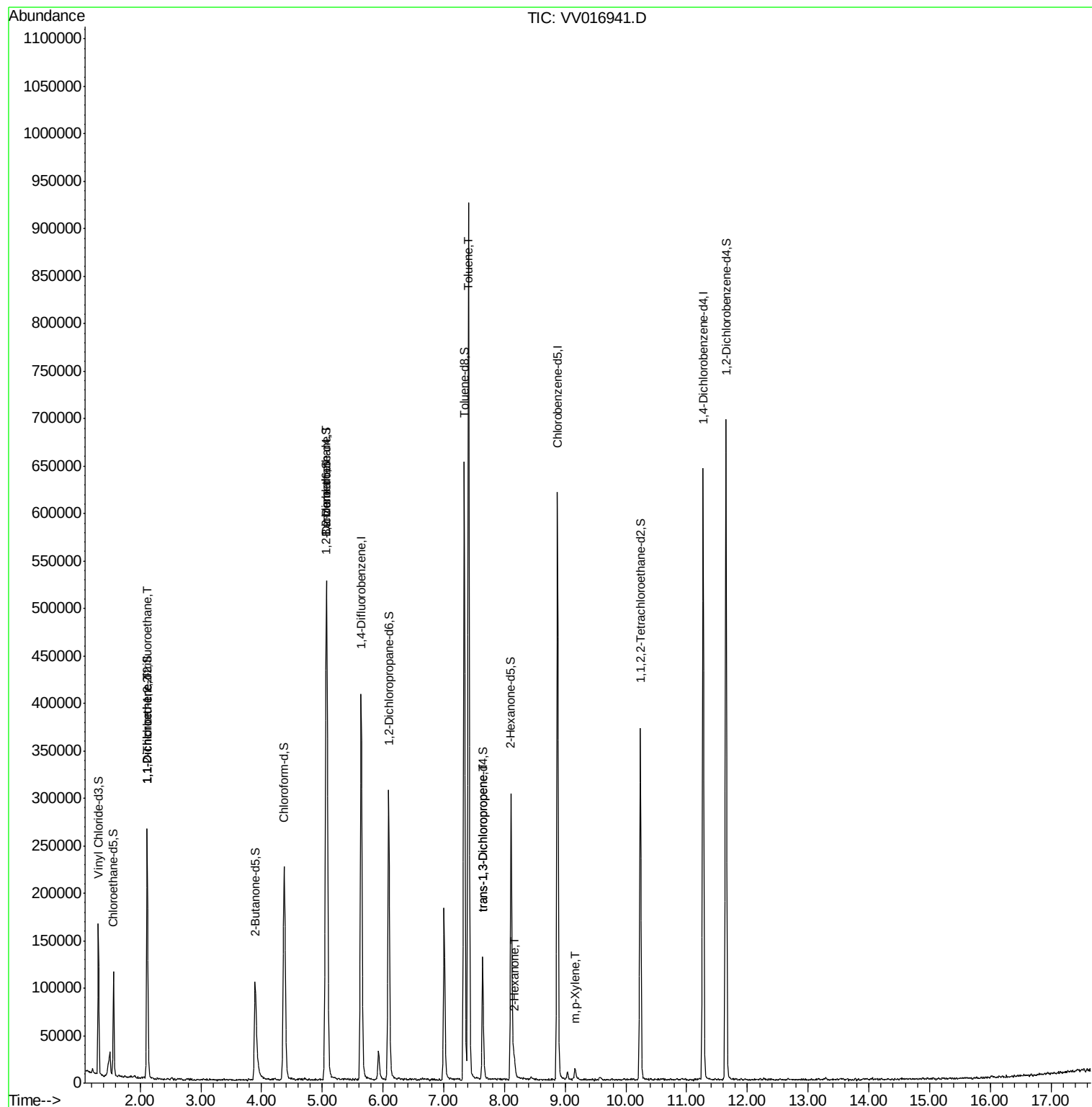
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1411	0.788 ug/L #	22
12) 1,1-Dichloroethene	2.11	96	1535	0.918 ug/L #	1
27) 1,2-Dichloroethane	5.07	62	3488	0.944 ug/L	99
42) Toluene	7.41	91	647282	64.795 ug/L	99
44) trans-1,3-Dichloropropene	7.64	75	3576	0.961 ug/L #	78
48) 2-Hexanone	8.17	43	10280	3.797 ug/L #	90
53) m,p-Xylene	9.16	106	3345	0.812 ug/L	95

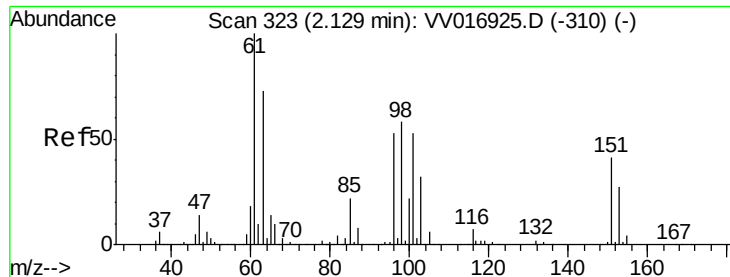
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jun 16 05:46:50 2020
Response via : Initial Calibration





#10

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

Concen: 0.788 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV016941.D

Acq: 15 Jun 2020 17:51

Instrument :

MSVOA_V

ClientSampleId :

E3YG9DL2

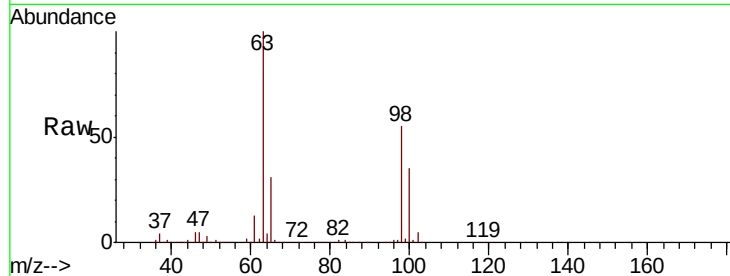
Tot Ion:101 Resp: 1411

Ion Ratio Lower Upper

101 100

85 7.7 35.5 53.3#

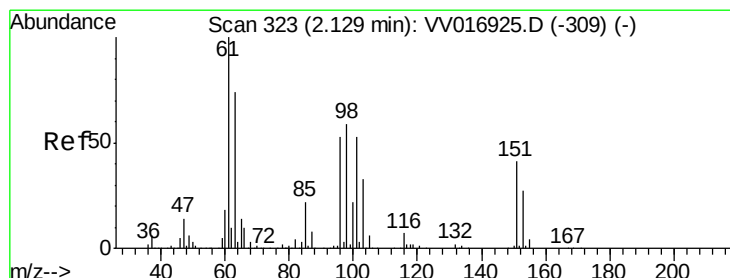
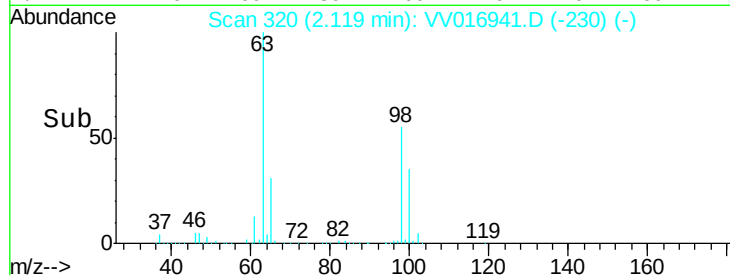
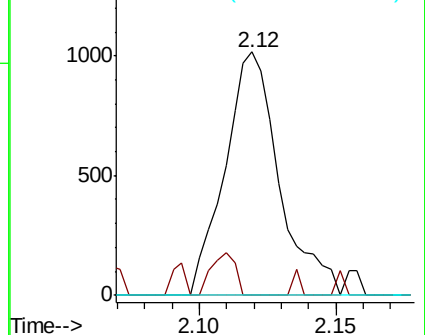
151 0.0 63.9 95.9#



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: 0.918 ug/L

RT: 2.11 min Scan# 318

Delta R.T. -0.02 min

Lab File: VV016941.D

Acq: 15 Jun 2020 17:51

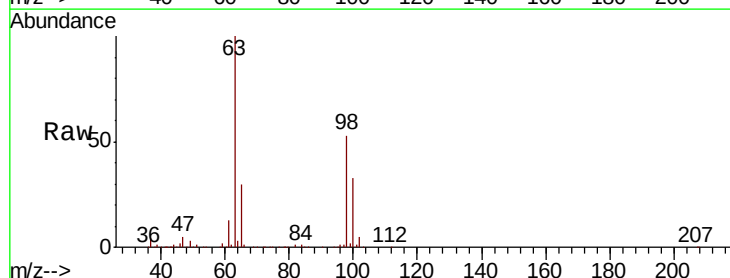
Tgt Ion: 96 Resp: 1535

Ion Ratio Lower Upper

96 100

61 1380.8 130.4 242.2#

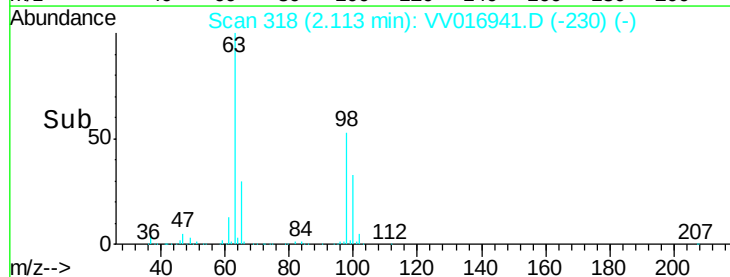
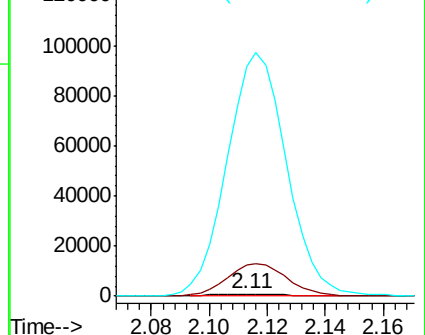
63 10317.9 103.3 191.9#

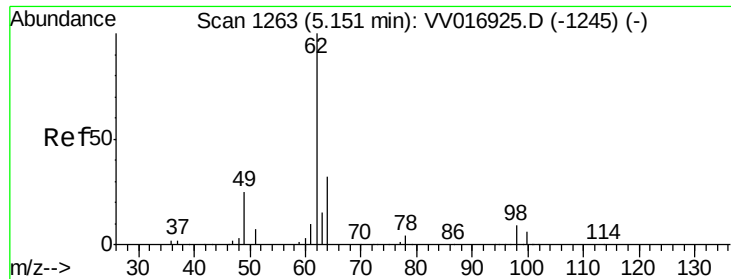


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0

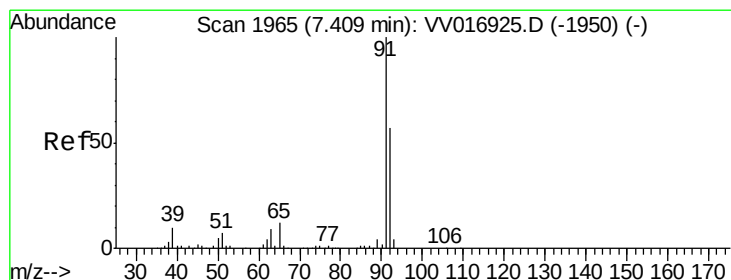
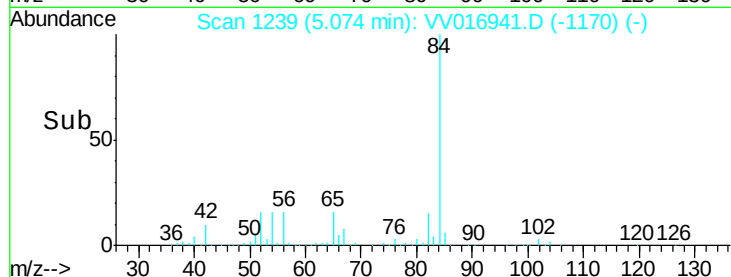
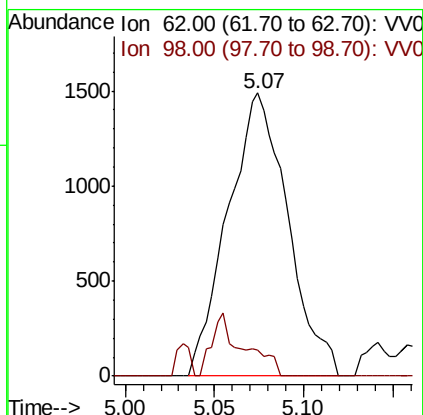
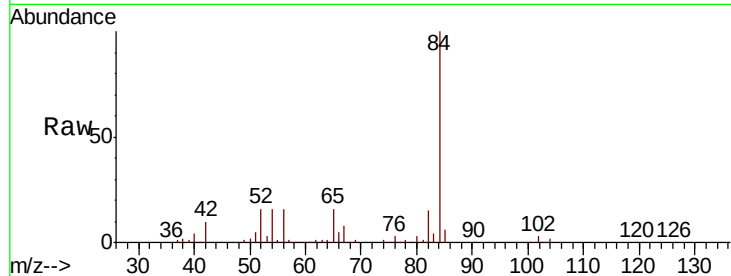




#27
 1,2-Dichloroethane
 Concen: 0.944 ug/L
 RT: 5.07 min Scan# 1239
 Delta R.T. -0.08 min
 Lab File: VV016941.D
 Acq: 15 Jun 2020 17:51

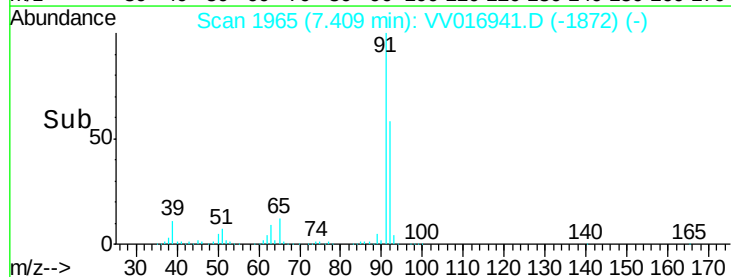
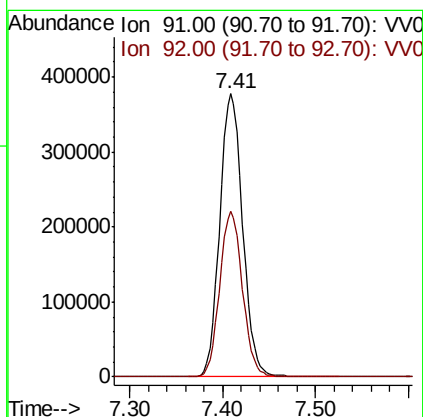
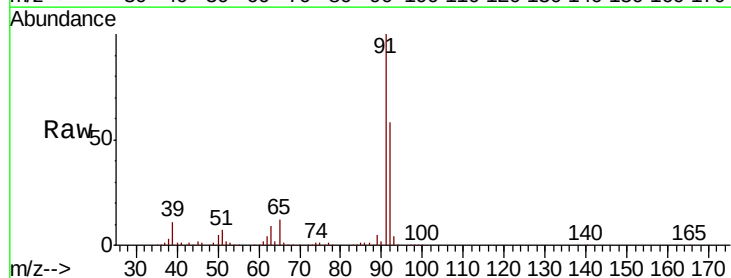
Instrument :
 MSVOA_V
 ClientSampleId :
 E3YG9DL2

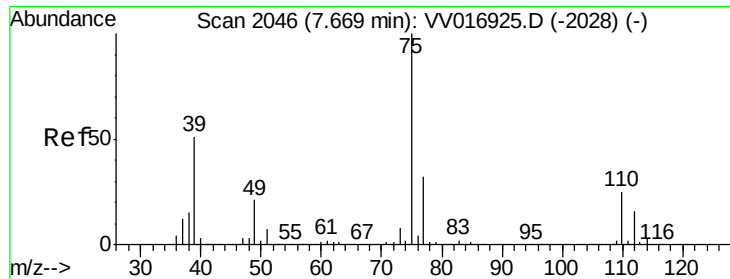
Tot Ion: 62 Resp: 3488
 Ion Ratio Lower Upper
 62 100
 98 9.0 7.4 11.2



#42
 Toluene
 Concen: 64.795 ug/L
 RT: 7.41 min Scan# 1965
 Delta R.T. 0.00 min
 Lab File: VV016941.D
 Acq: 15 Jun 2020 17:51

Tgt Ion: 91 Resp: 647282
 Ion Ratio Lower Upper
 91 100
 92 58.3 40.4 75.0





#44

trans-1,3-Dichloropropene

Concen: 0.961 ug/L

RT: 7.64 min Scan# 2037

Delta R.T. -0.03 min

Lab File: VV016941.D

Acq: 15 Jun 2020 17:51

Instrument :

MSVOA_V

ClientSampleId :

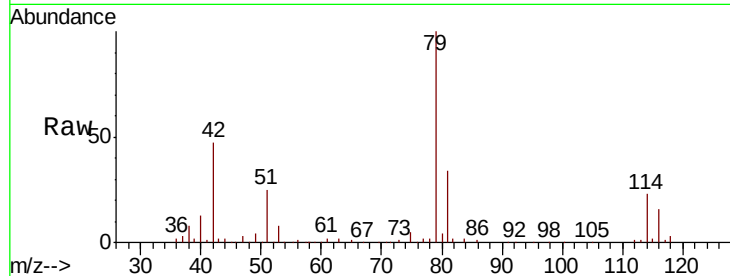
E3YG9DL2

Tot Ion: 75 Resp: 3576

Ion Ratio Lower Upper

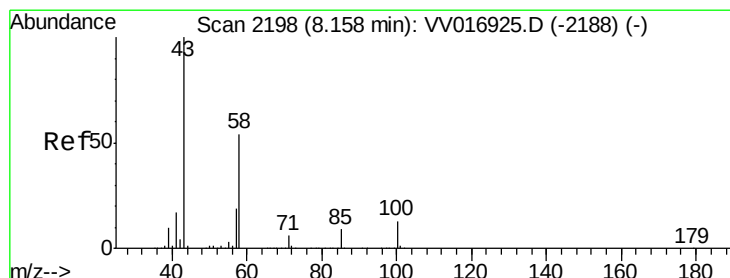
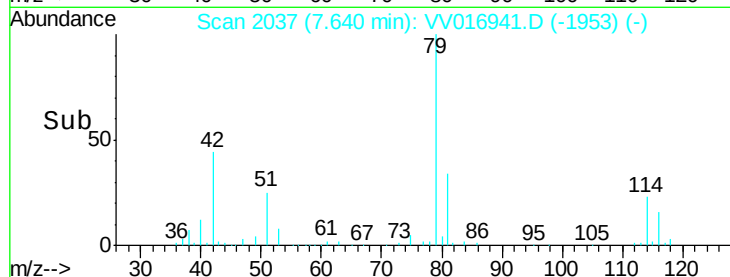
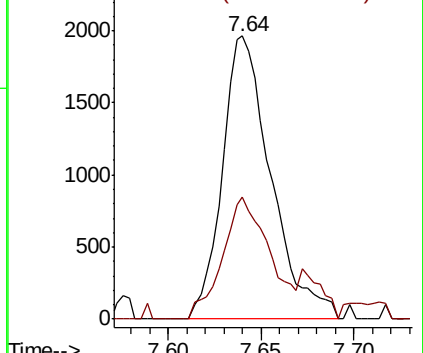
75 100

77 43.1 21.7 40.3#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0



#48

2-Hexanone

Concen: 3.797 ug/L

RT: 8.17 min Scan# 2201

Delta R.T. 0.01 min

Lab File: VV016941.D

Acq: 15 Jun 2020 17:51

Tgt Ion: 43 Resp: 10280

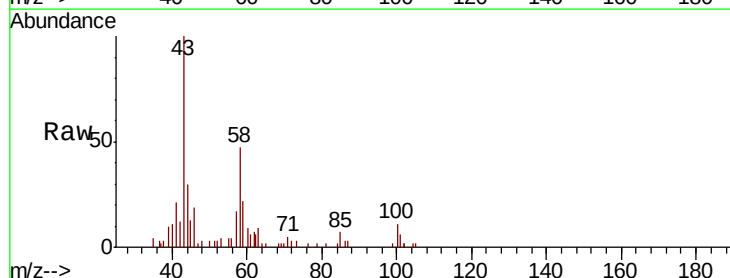
Ion Ratio Lower Upper

43 100

58 45.0 43.1 64.7

57 16.7 15.3 22.9

100 9.4 10.0 15.0#

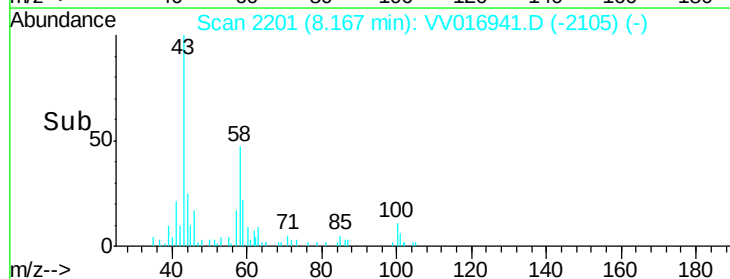
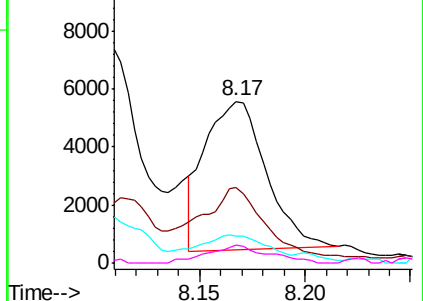


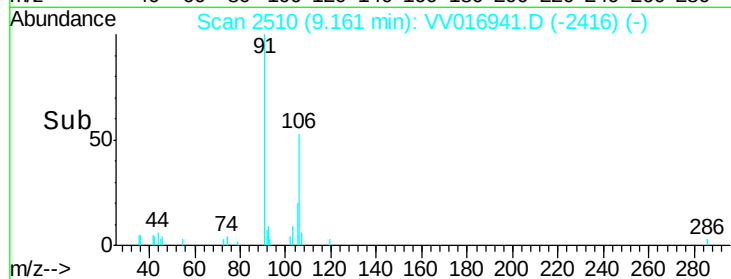
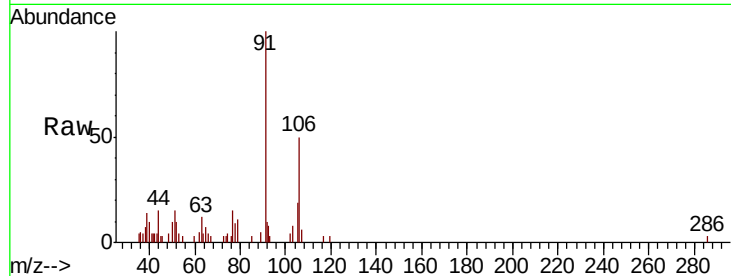
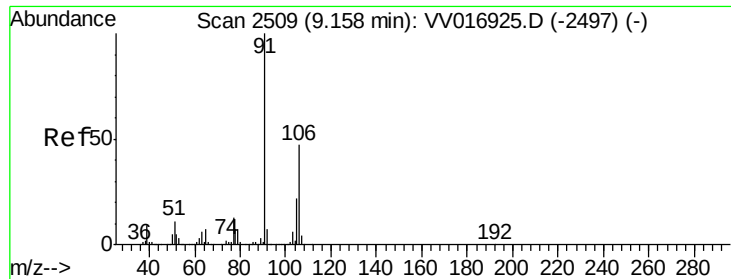
Abundance Ion 43.00 (42.70 to 43.70): VV0

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





#53

m,p-Xylene

Concen: 0.812 ug/L

RT: 9.16 min Scan# 2510

Delta R.T. 0.00 min

Lab File: VV016941.D

Acq: 15 Jun 2020 17:51

Instrument :

MSVOA_V

ClientSampleId :

E3YG9DL2

Tot Ion:106 Resp: 3345

Ion Ratio Lower Upper

106 100

91 198.6 144.6 268.6

