

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061520\
 Data File : VV016935.D
 Acq On : 15 Jun 2020 14:39
 Operator : SY/MD
 Sample : L2990-12DL 400X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E3YG8DL

Quant Time: Jun 16 05:50:21 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	355909	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	335591	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	173199	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	94995	37.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.66%
7) Chloroethane-d5	1.56	69	70479	46.77	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.54%
11) 1,1-Dichloroethene-d2	2.12	63	139732	33.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.26%
21) 2-Butanone-d5	3.89	46	161627	86.95	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	86.95%
24) Chloroform-d	4.37	84	225898	44.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.48%
26) 1,2-Dichloroethane-d4	5.05	65	157768	45.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.84%
32) Benzene-d6	5.07	84	437468	45.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.44%
36) 1,2-Dichloropropane-d6	6.09	67	137935	45.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.48%
41) Toluene-d8	7.34	98	410522	46.24	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.48%
43) trans-1,3-Dichloropropene-	7.64	79	69903	44.51	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.02%
47) 2-Hexanone-d5	8.11	63	97370	74.06	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	74.06%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	168313	42.16	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	84.32%
64) 1,2-Dichlorobenzene-d4	11.65	152	176650	47.79	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.58%

Target Compounds

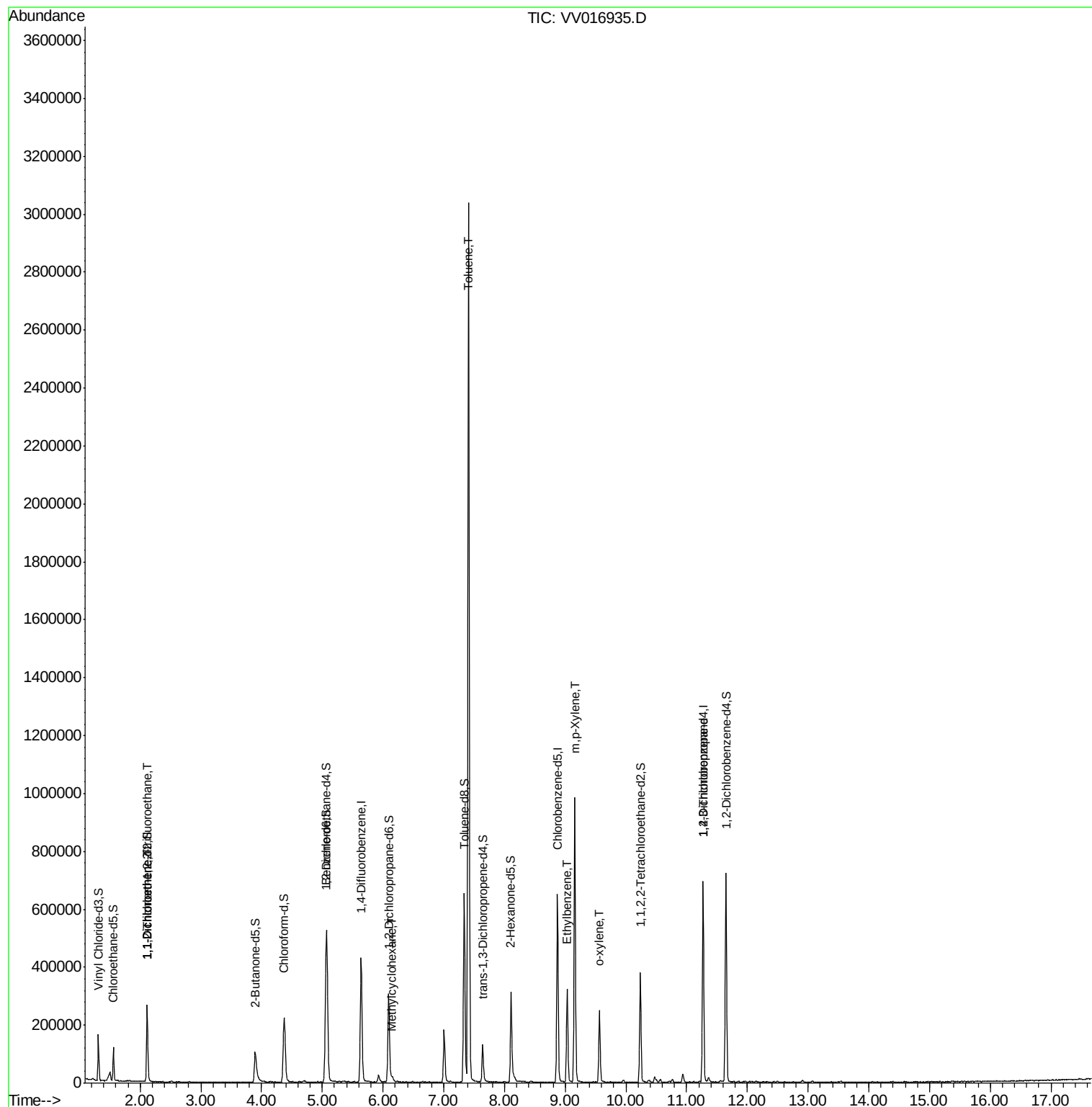
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1392	0.736 ug/L #	24
12) 1,1-Dichloroethene	2.11	96	1304	0.738 ug/L #	1
35) Methylcyclohexane	6.16	83	7117	1.704 ug/L	95
42) Toluene	7.41	91	2089509	199.624 ug/L	99
52) Ethylbenzene	9.03	91	218066	18.809 ug/L	98
53) m,p-Xylene	9.16	106	261618	60.605 ug/L	99
54) o-xylene	9.57	106	60864	14.296 ug/L	97
59) 1,2,3-Trichloropropane	11.27	75	21130	6.595 ug/L	89

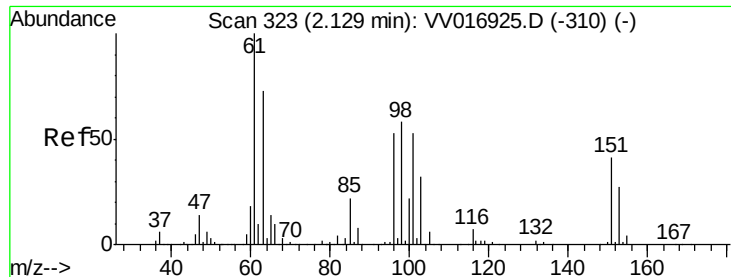
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.736 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV016935.D

Acq: 15 Jun 2020 14:39

Instrument :

MSVOA_V

ClientSampleId :

E3YG8DL

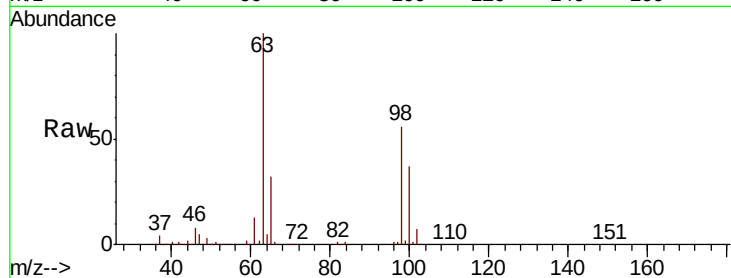
Tot Ion:101 Resp: 1392

Ion Ratio Lower Upper

101 100

85 2.7 35.5 53.3#

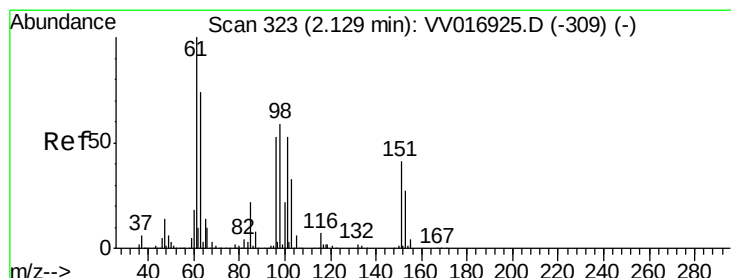
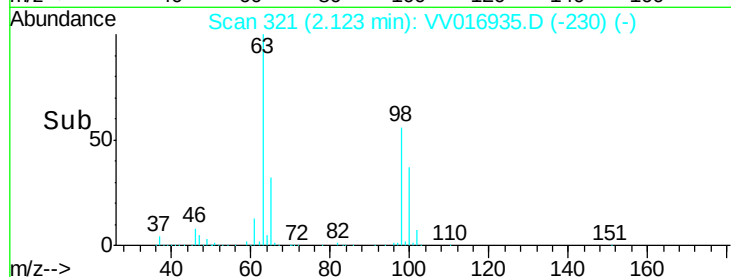
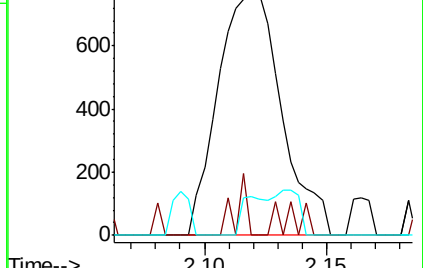
151 6.5 63.9 95.9#



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: 0.738 ug/L

RT: 2.11 min Scan# 318

Delta R.T. -0.02 min

Lab File: VV016935.D

Acq: 15 Jun 2020 14:39

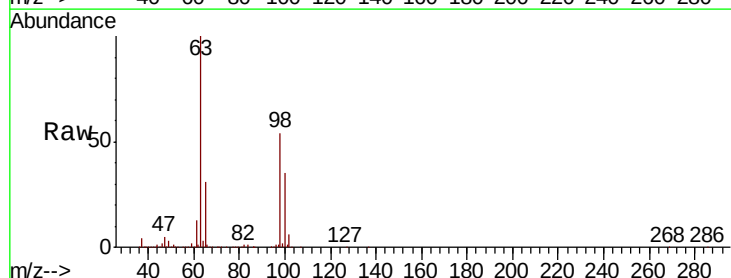
Tgt Ion: 96 Resp: 1304

Ion Ratio Lower Upper

96 100

61 1463.8 130.4 242.2#

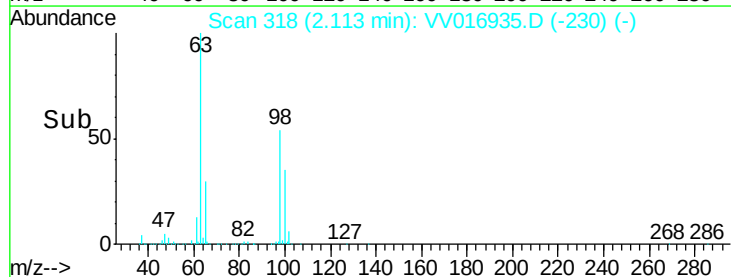
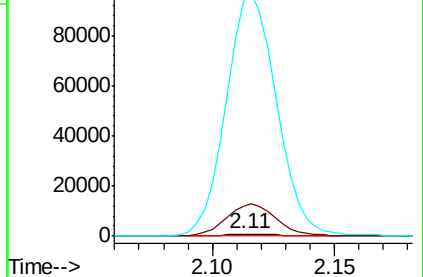
63 11269.5 103.3 191.9#

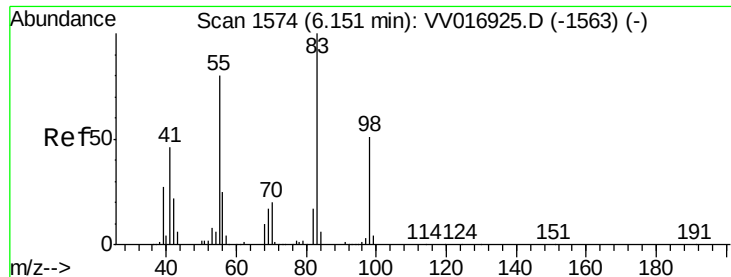


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0

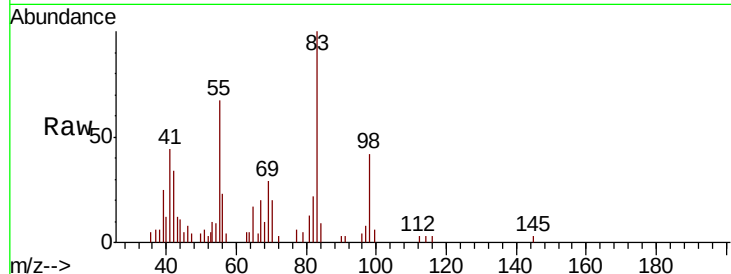




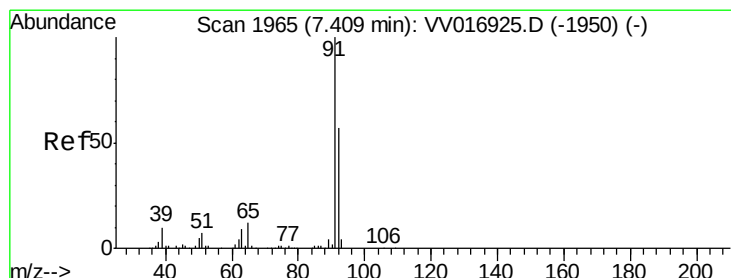
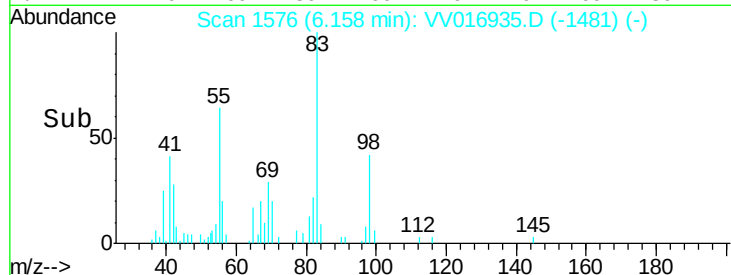
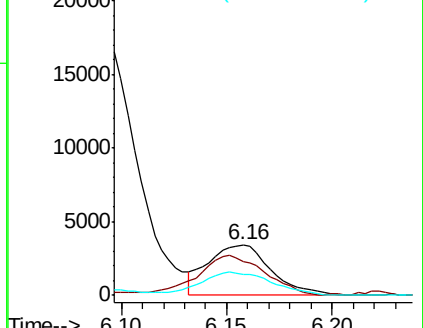
#35
Methylvlcyclohexane
Concen: 1.704 ug/L
RT: 6.16 min Scan# 1576
Delta R.T. 0.01 min
Lab File: VV016935.D
Acq: 15 Jun 2020 14:39

Instrument :
MSVOA_V
ClientSampleId :
E3YG8DL

Tot Ion: 83 Resp: 7117
Ion Ratio Lower Upper
83 100
55 86.2 64.2 96.2
98 51.6 40.3 60.5

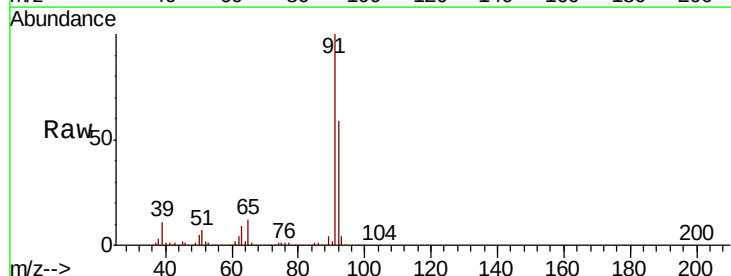


Abundance Ion 83.00 (82.70 to 83.70): VV0
Ion 55.00 (54.70 to 55.70): VV0
Ion 98.00 (97.70 to 98.70): VV0

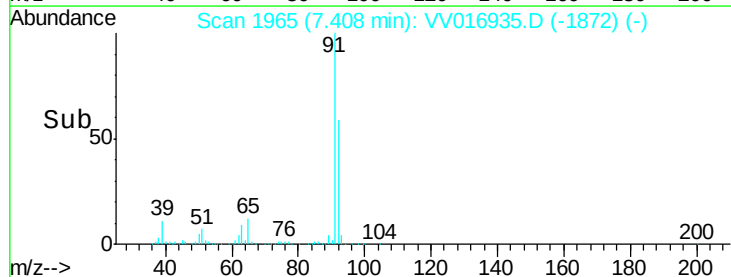
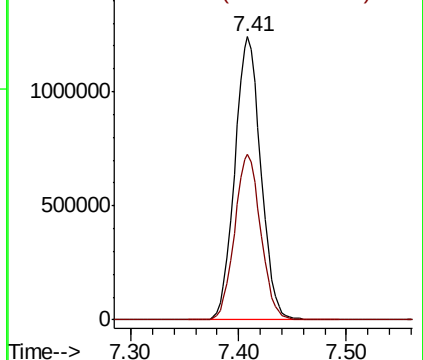


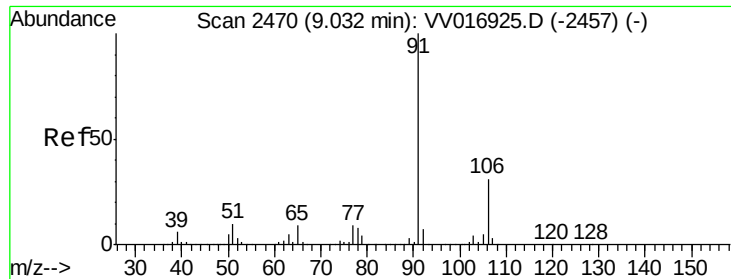
#42
Toluene
Concen: 199.624 ug/L
RT: 7.41 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VV016935.D
Acq: 15 Jun 2020 14:39

Tgt Ion: 91 Resp: 2089509
Ion Ratio Lower Upper
91 100
92 58.5 40.4 75.0



Abundance Ion 91.00 (90.70 to 91.70): VV0
Ion 92.00 (91.70 to 92.70): VV0





#52

Ethylbenzene

Concen: 18.809 ug/L

RT: 9.03 min Scan# 2470

Delta R.T. -0.00 min

Lab File: VV016935.D

Acq: 15 Jun 2020 14:39

Instrument :

MSVOA_V

ClientSampleId :

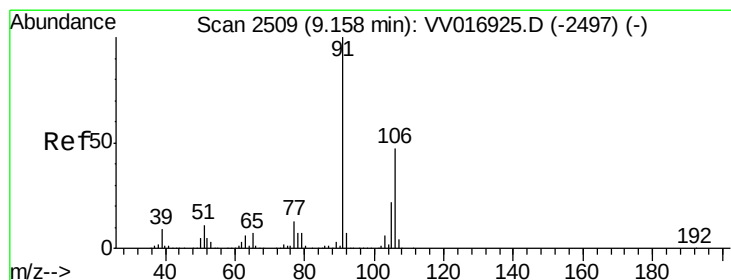
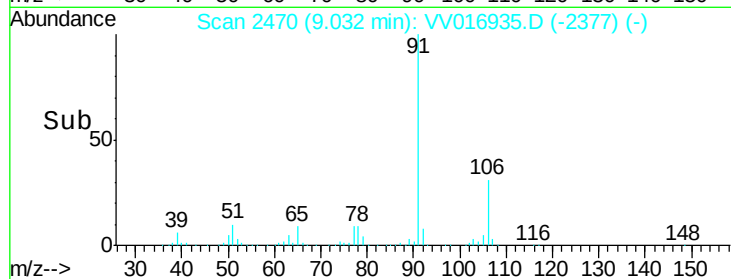
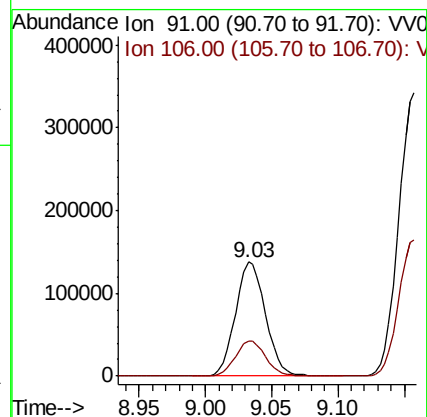
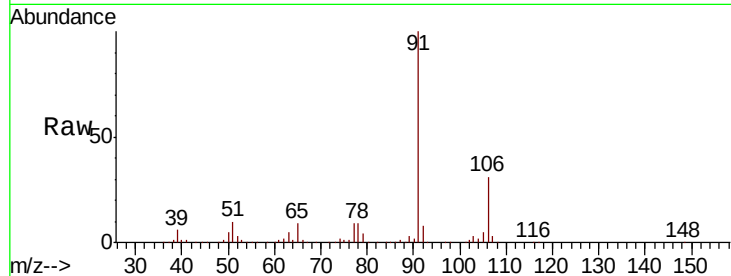
E3YG8DL

Tot Ion: 91 Resp: 218066

Ion Ratio Lower Upper

91 100

106 31.2 21.1 39.1



#53

m,p-Xylene

Concen: 60.605 ug/L

RT: 9.16 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VV016935.D

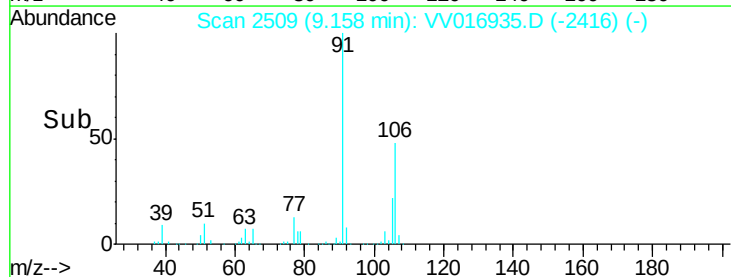
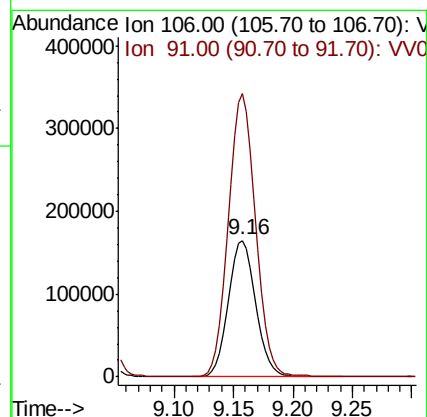
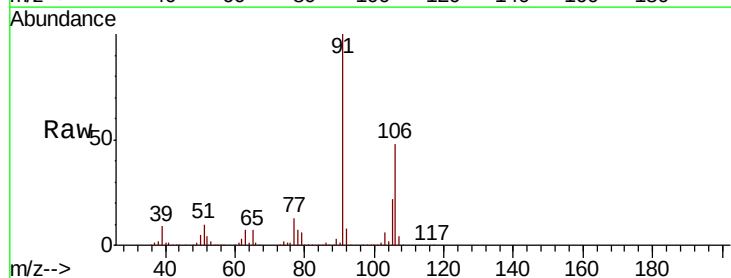
Acq: 15 Jun 2020 14:39

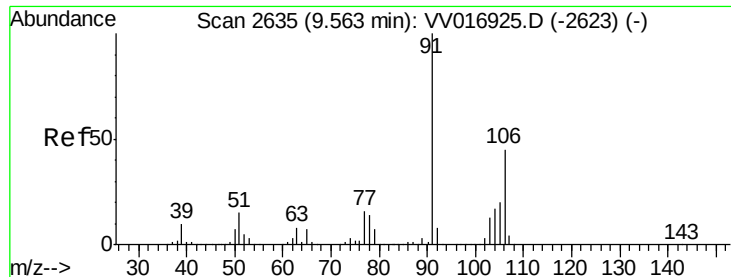
Tgt Ion: 106 Resp: 261618

Ion Ratio Lower Upper

106 100

91 207.4 144.6 268.6





#54

o-xylene

Concen: 14.296 ug/L

RT: 9.57 min Scan# 2636

Delta R.T. 0.00 min

Lab File: VV016935.D

Acq: 15 Jun 2020 14:39

Instrument :

MSVOA_V

ClientSampleId :

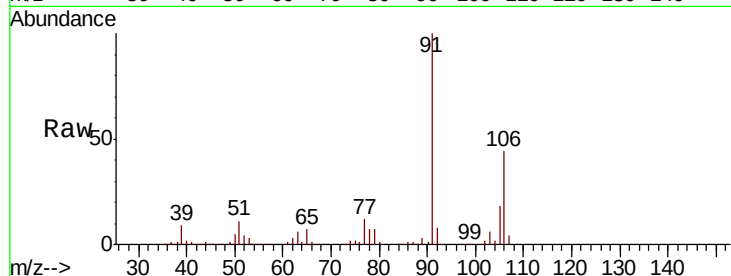
E3YG8DL

Tot Ion:106 Resp: 60864

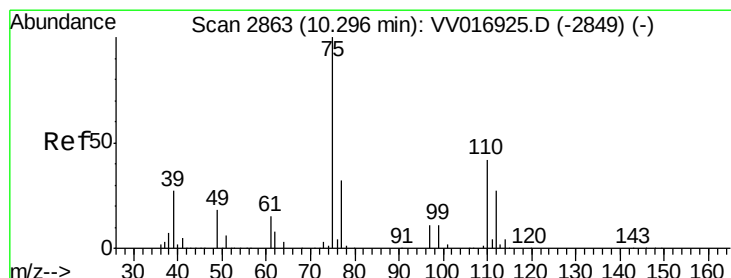
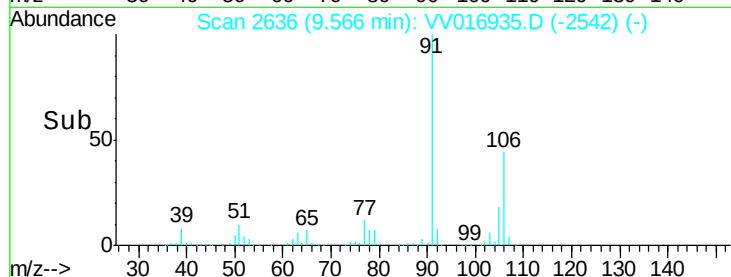
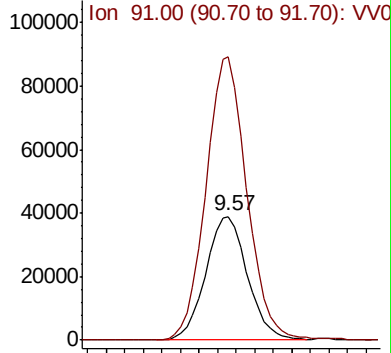
Ion Ratio Lower Upper

106 100

91 228.4 155.9 289.5



Abundance Ion 106.00 (105.70 to 106.70): VV016935.D (-2542) (-)



#59

1,2,3-Trichloropropane

Concen: 6.595 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.97 min

Lab File: VV016935.D

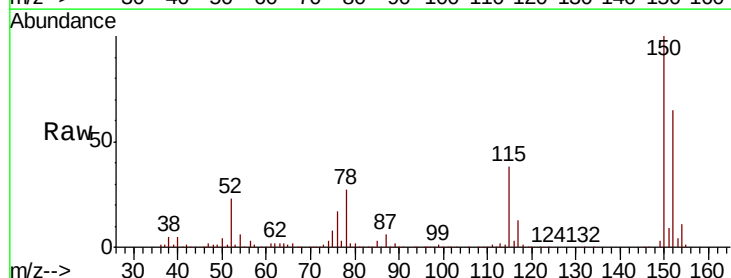
Acq: 15 Jun 2020 14:39

Tgt Ion: 75 Resp: 21130

Ion Ratio Lower Upper

75 100

77 38.6 26.1 39.1



Abundance Ion 75.00 (74.70 to 75.70): VV016935.D (-2241) (-)

