

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061120\
 Data File : VV016845.D
 Acq On : 11 Jun 2020 22:47
 Operator : SY/MD
 Sample : L2915-08 100X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 12 05:58:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 12 05:55:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	357838	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	333290	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	167438	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	102463	40.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.16%
7) Chloroethane-d5	1.56	69	71945	47.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.98%
11) 1,1-Dichloroethene-d2	2.12	63	142931	33.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.42%
21) 2-Butanone-d5	3.89	46	164410	87.98	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.98%
24) Chloroform-d	4.37	84	219122	42.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.36%
26) 1,2-Dichloroethane-d4	5.05	65	159250	45.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.20%
32) Benzene-d6	5.07	84	431089	44.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.74%
36) 1,2-Dichloropropane-d6	6.09	67	131499	43.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.82%
41) Toluene-d8	7.34	98	387687	43.97	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.94%
43) trans-1,3-Dichloropropene-	7.64	79	63694	40.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.68%
47) 2-Hexanone-d5	8.11	63	99143	75.93	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	75.93%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	172435	43.49	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.98%
64) 1,2-Dichlorobenzene-d4	11.65	152	166970	46.73	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.46%

Target Compounds

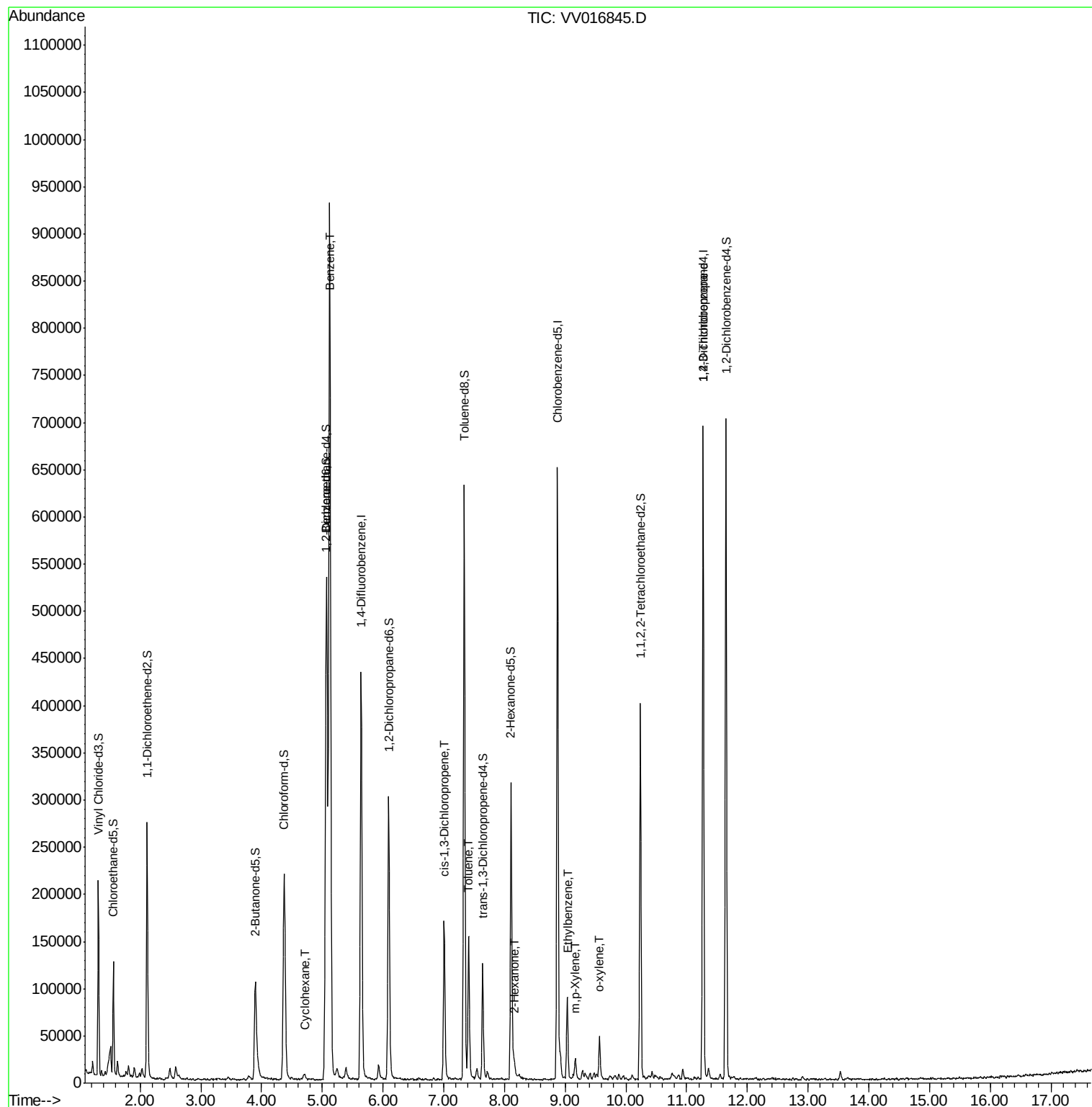
					Ovalue
29) Cyclohexane	4.70	56	2908	0.702 ug/L #	73
33) Benzene	5.12	78	891876	90.444 ug/L	100
39) cis-1,3-Dichloropropene	7.01	75	5001	1.255 ug/L #	63
42) Toluene	7.41	91	107297	10.322 ug/L	97
48) 2-Hexanone	8.16	43	8149	2.892 ug/L #	92
52) Ethylbenzene	9.04	91	57677	5.009 ug/L	96
53) m,p-Xylene	9.16	106	5665	1.321 ug/L	92
54) o-xylene	9.57	106	11200	2.649 ug/L	96
59) 1,2,3-Trichloropropane	11.27	75	20546	6.457 ug/L	92

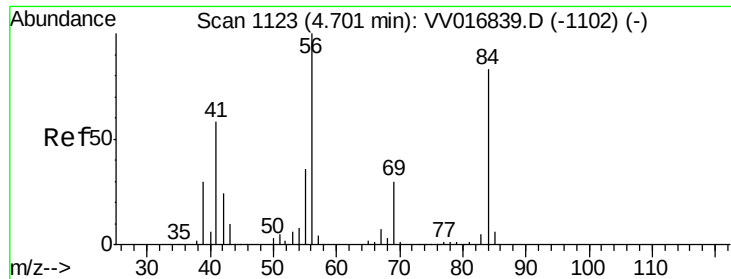
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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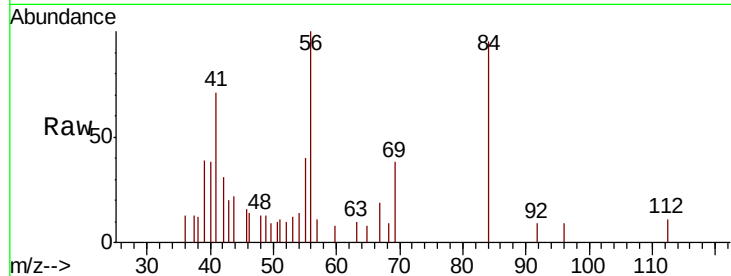




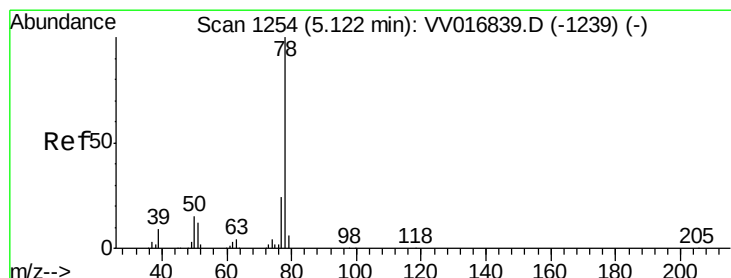
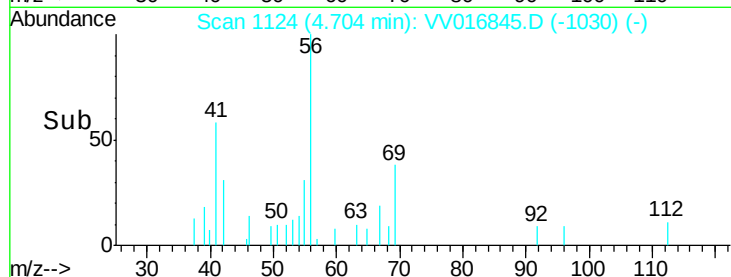
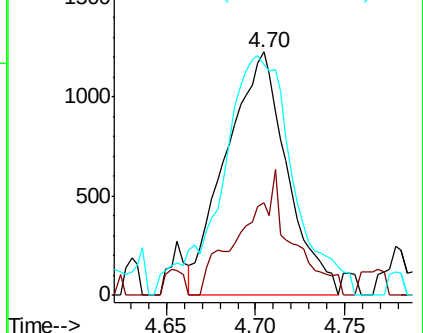
#29
Cyclohexane
Concen: 0.702 ug/L
RT: 4.70 min Scan# 1124
Delta R.T. 0.00 min
Lab File: VV016845.D
Acq: 11 Jun 2020 22:47

Instrument :
MSVOA_V
ClientSampleId :

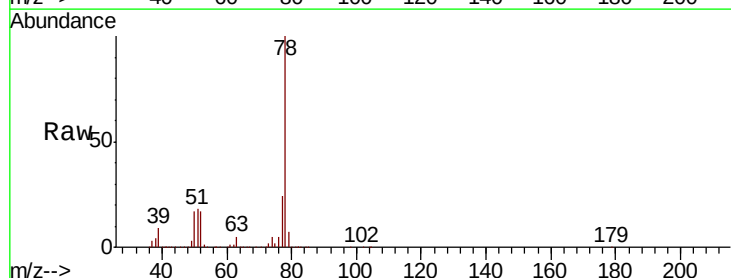
Tot Ion: 56 Resp: 2908
Ion Ratio Lower Upper
56 100
69 8.7 25.0 37.4#
84 107.0 69.5 104.3#



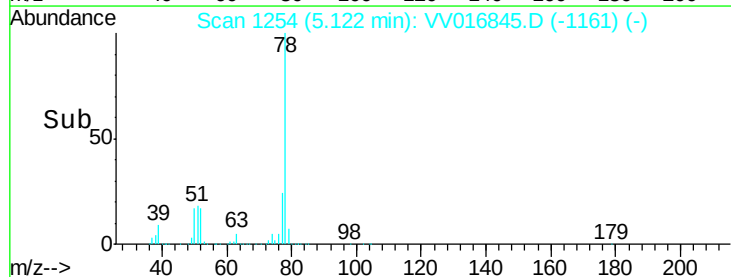
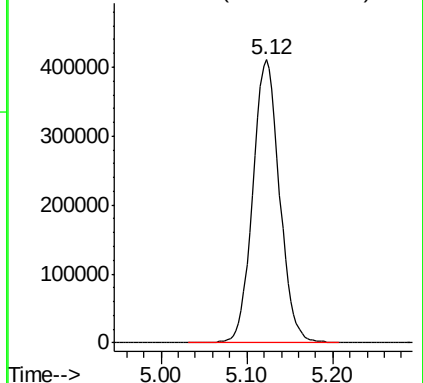
Abundance Ion 56.00 (55.70 to 56.70): VV0
Ion 69.00 (68.70 to 69.70): VV0
Ion 84.00 (83.70 to 84.70): VV0

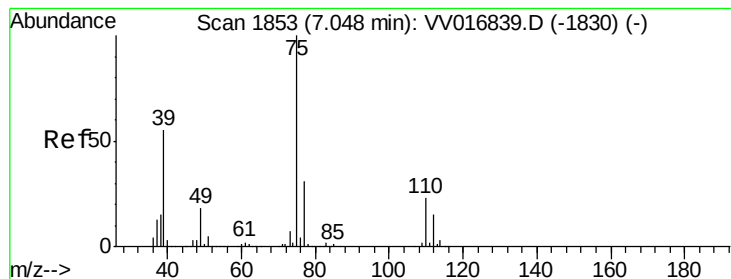


#33
Benzene
Concen: 90.444 ug/L
RT: 5.12 min Scan# 1254
Delta R.T. 0.00 min
Lab File: VV016845.D
Acq: 11 Jun 2020 22:47
Tgt Ion: 78 Resp: 891876



Abundance Ion 78.00 (77.70 to 78.70): VV0



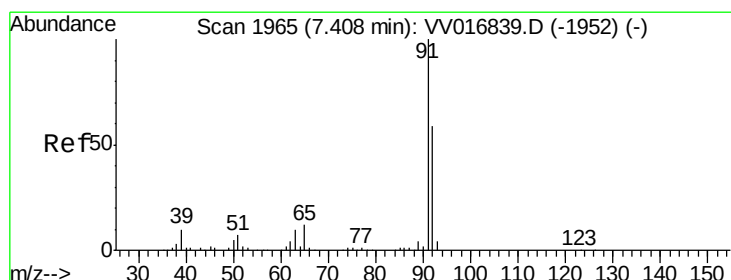
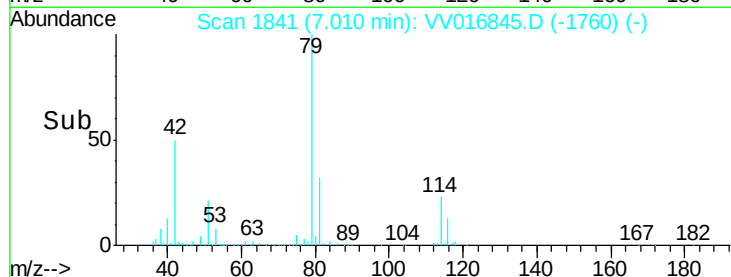
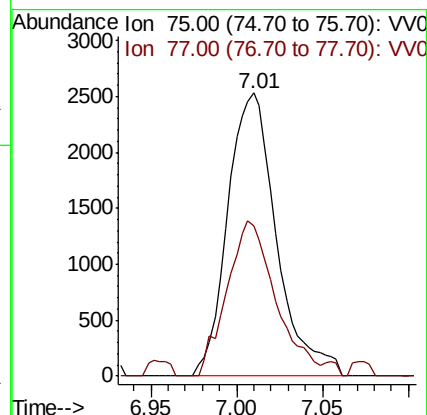
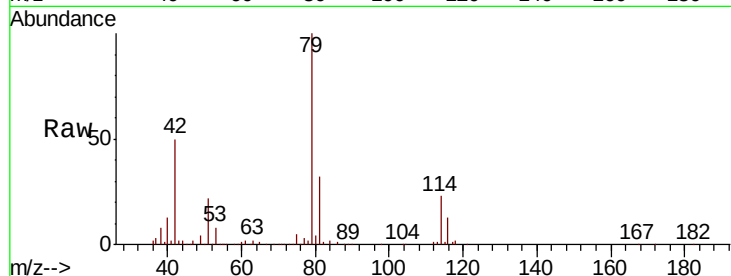


#39

cis-1,3-Dichloropropene
Concen: 1.255 ug/L
RT: 7.01 min Scan# 1841
Delta R.T. -0.04 min
Lab File: VV016845.D
Acq: 11 Jun 2020 22:47

Instrument :
MSVOA_V
ClientSampled :

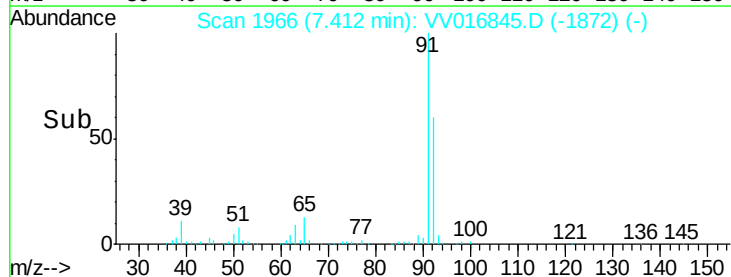
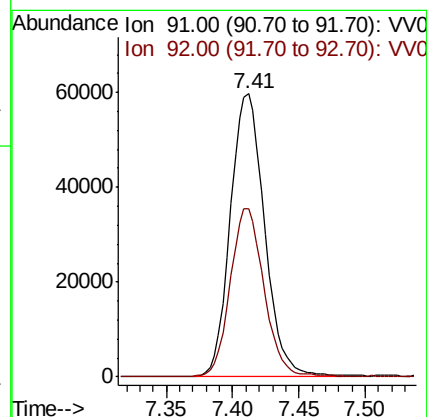
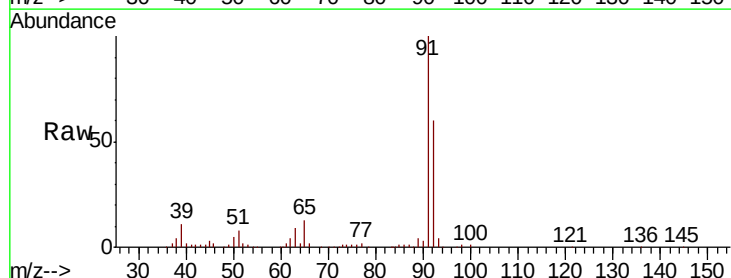
Tot Ion: 75 Resp: 5001
Ion Ratio Lower Upper
75 100
77 53.2 22.7 42.1#

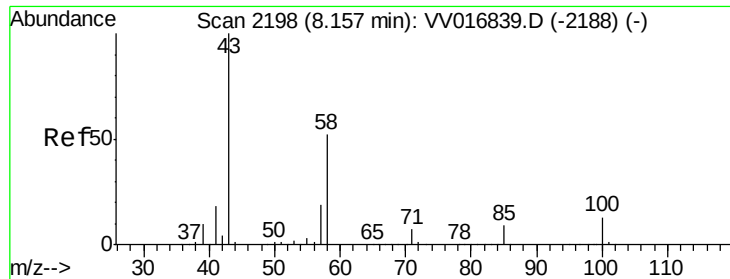


#42

Toluene
Concen: 10.322 ug/L
RT: 7.41 min Scan# 1966
Delta R.T. 0.00 min
Lab File: VV016845.D
Acq: 11 Jun 2020 22:47

Tgt Ion: 91 Resp: 107297
Ion Ratio Lower Upper
91 100
92 59.6 40.4 75.0

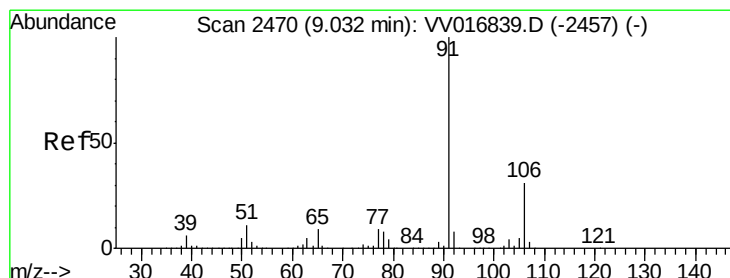
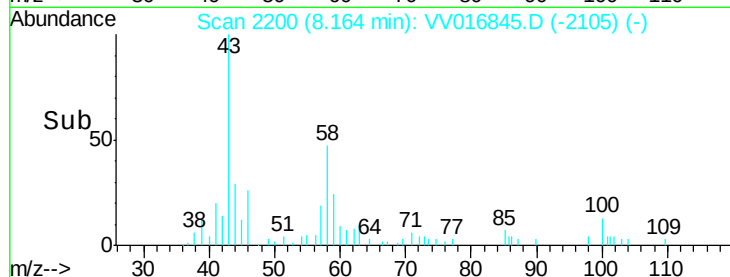
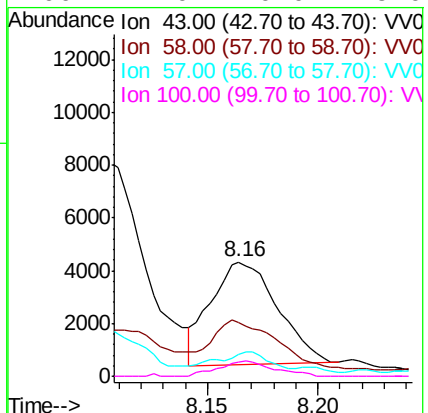
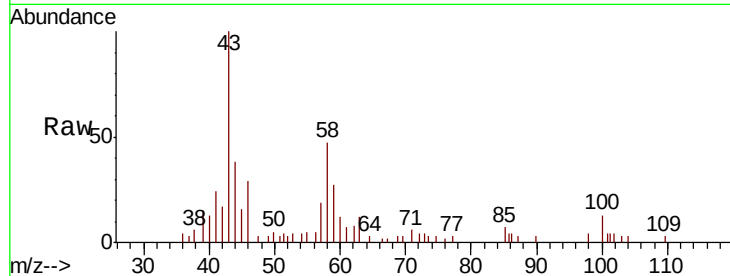




#48
2-Hexanone
Concen: 2.892 ug/L
RT: 8.16 min Scan# 2200
Delta R.T. 0.01 min
Lab File: VV016845.D
Acq: 11 Jun 2020 22:47

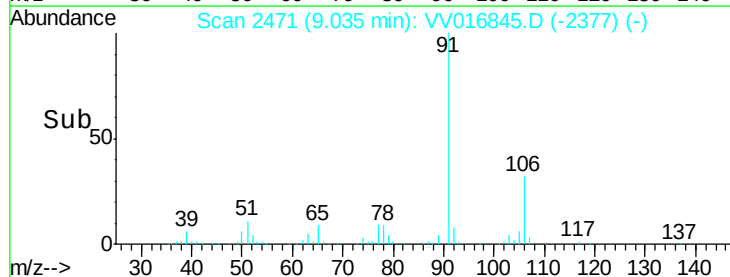
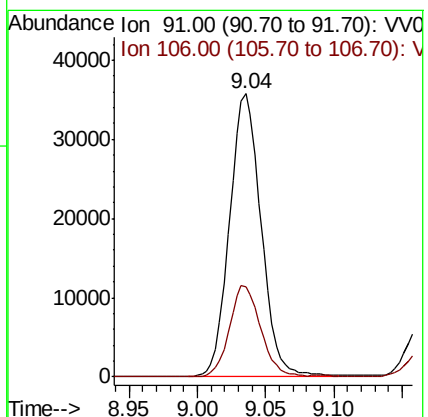
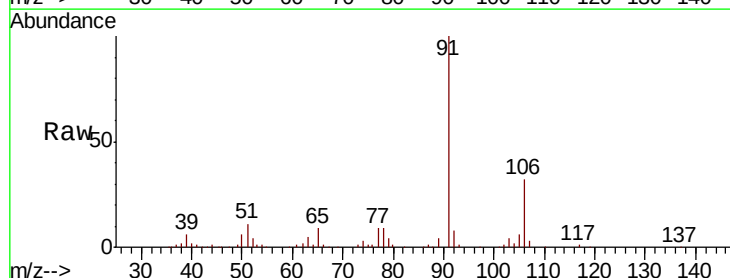
Instrument :
MSVOA_V
ClientSampleId :

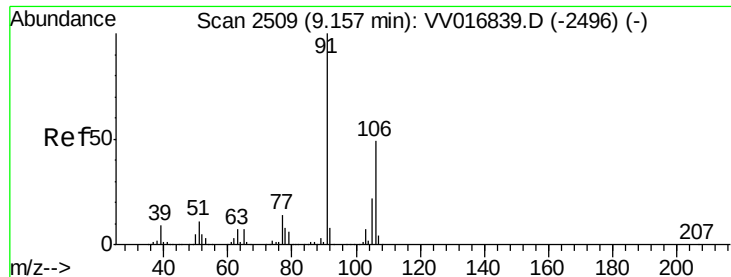
Tot Ion: 43 Resp: 8149
Ion Ratio Lower Upper
43 100
58 47.8 43.1 64.7
57 14.5 15.3 22.9#
100 12.0 10.0 15.0



#52
Ethylbenzene
Concen: 5.009 ug/L
RT: 9.04 min Scan# 2471
Delta R.T. 0.00 min
Lab File: VV016845.D
Acq: 11 Jun 2020 22:47

Tgt Ion: 91 Resp: 57677
Ion Ratio Lower Upper
91 100
106 32.0 21.1 39.1





#53

m,p-Xylene

Concen: 1.321 ug/L

RT: 9.16 min Scan# 2511

Delta R.T. 0.01 min

Lab File: VV016845.D

Acq: 11 Jun 2020 22:47

Instrument :

MSVOA_V

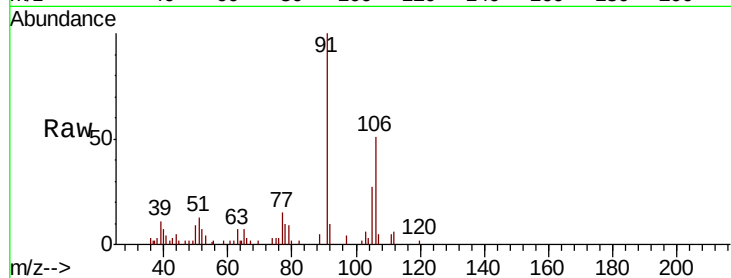
ClientSampleId :

Tot Ion:106 Resp: 5665

Ion Ratio Lower Upper

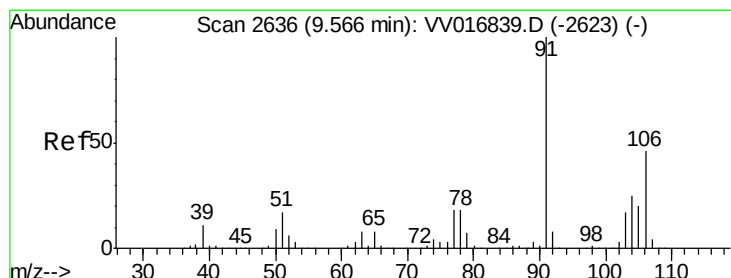
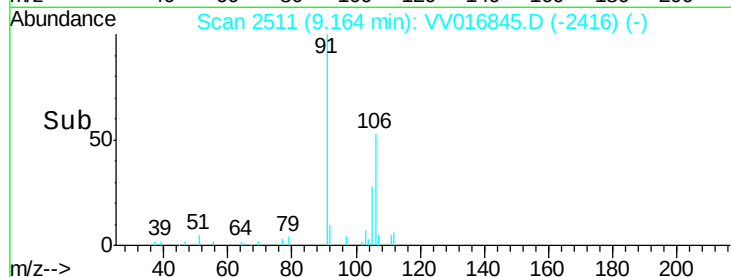
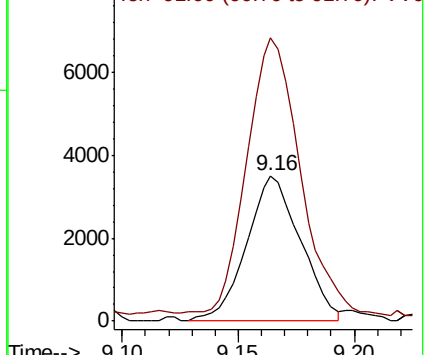
106 100

91 194.3 144.6 268.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0



#54

o-xylene

Concen: 2.649 ug/L

RT: 9.57 min Scan# 2636

Delta R.T. 0.00 min

Lab File: VV016845.D

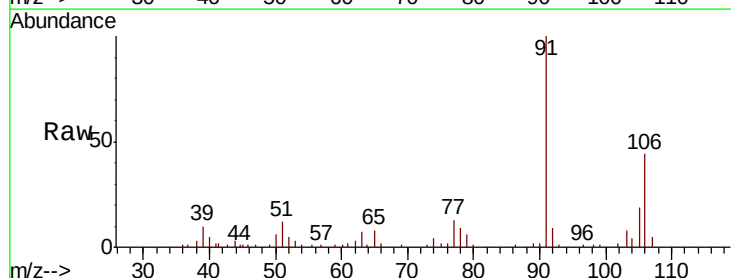
Acq: 11 Jun 2020 22:47

Tgt Ion:106 Resp: 11200

Ion Ratio Lower Upper

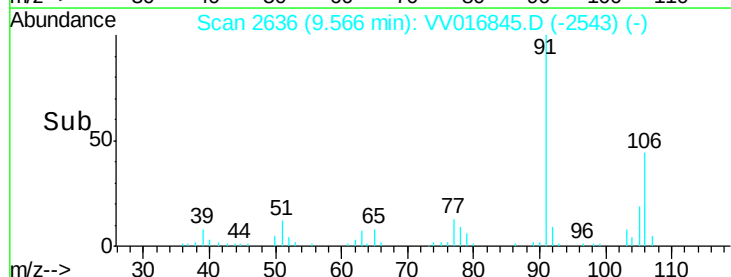
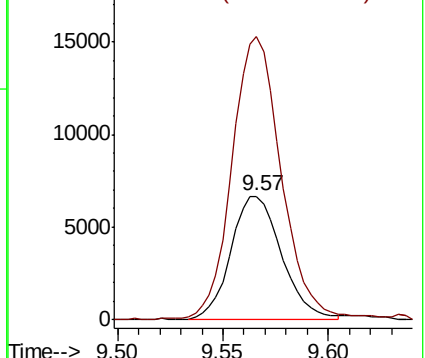
106 100

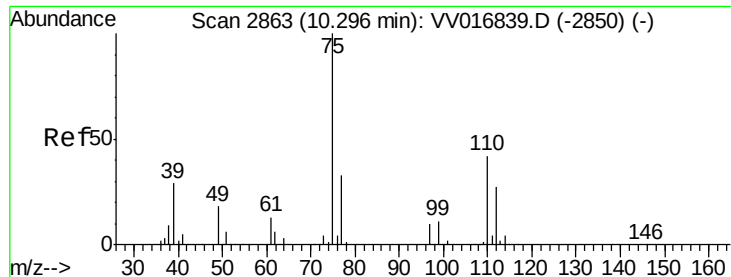
91 228.6 155.9 289.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0





#59

1,2,3-Trichloropropane

Concen: 6.457 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.97 min

Lab File: VV016845.D

Acq: 11 Jun 2020 22:47

Instrument :

MSVOA_V

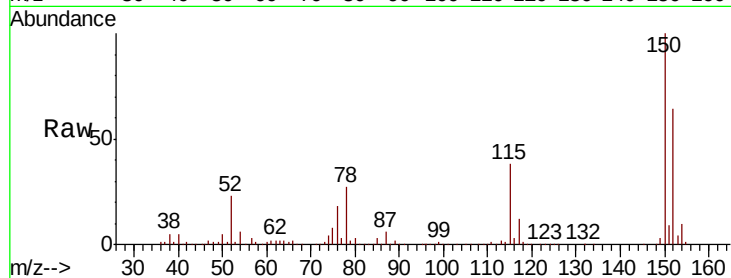
ClientSampleId :

Tot Ion: 75 Resp: 20546

Ion Ratio Lower Upper

75 100

77 37.1 26.1 39.1



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

