

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060920\
 Data File : VV016736.D
 Acq On : 09 Jun 2020 22:46
 Operator : SY/MD
 Sample : L2914-01 100X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9D86DL

Quant Time: Jun 10 03:47:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 10 03:42:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	340535	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	316829	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	156258	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	89301	37.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.32%
7) Chloroethane-d5	1.56	69	68505	47.51	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.02%
11) 1,1-Dichloroethene-d2	2.12	63	125652	31.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.28%
21) 2-Butanone-d5	3.89	46	186699	104.98	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.98%
24) Chloroform-d	4.37	84	222767	45.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.18%
26) 1,2-Dichloroethane-d4	5.05	65	161667	48.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.30%
32) Benzene-d6	5.07	84	425549	46.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.18%
36) 1,2-Dichloropropane-d6	6.09	67	138274	48.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.14%
41) Toluene-d8	7.34	98	365583	43.62	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.24%
43) trans-1,3-Dichloropropene-	7.64	79	64086	43.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.44%
47) 2-Hexanone-d5	8.11	63	129452	104.30	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.30%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	190595	50.57	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.14%
64) 1,2-Dichlorobenzene-d4	11.65	152	168774	50.61	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.22%

Target Compounds

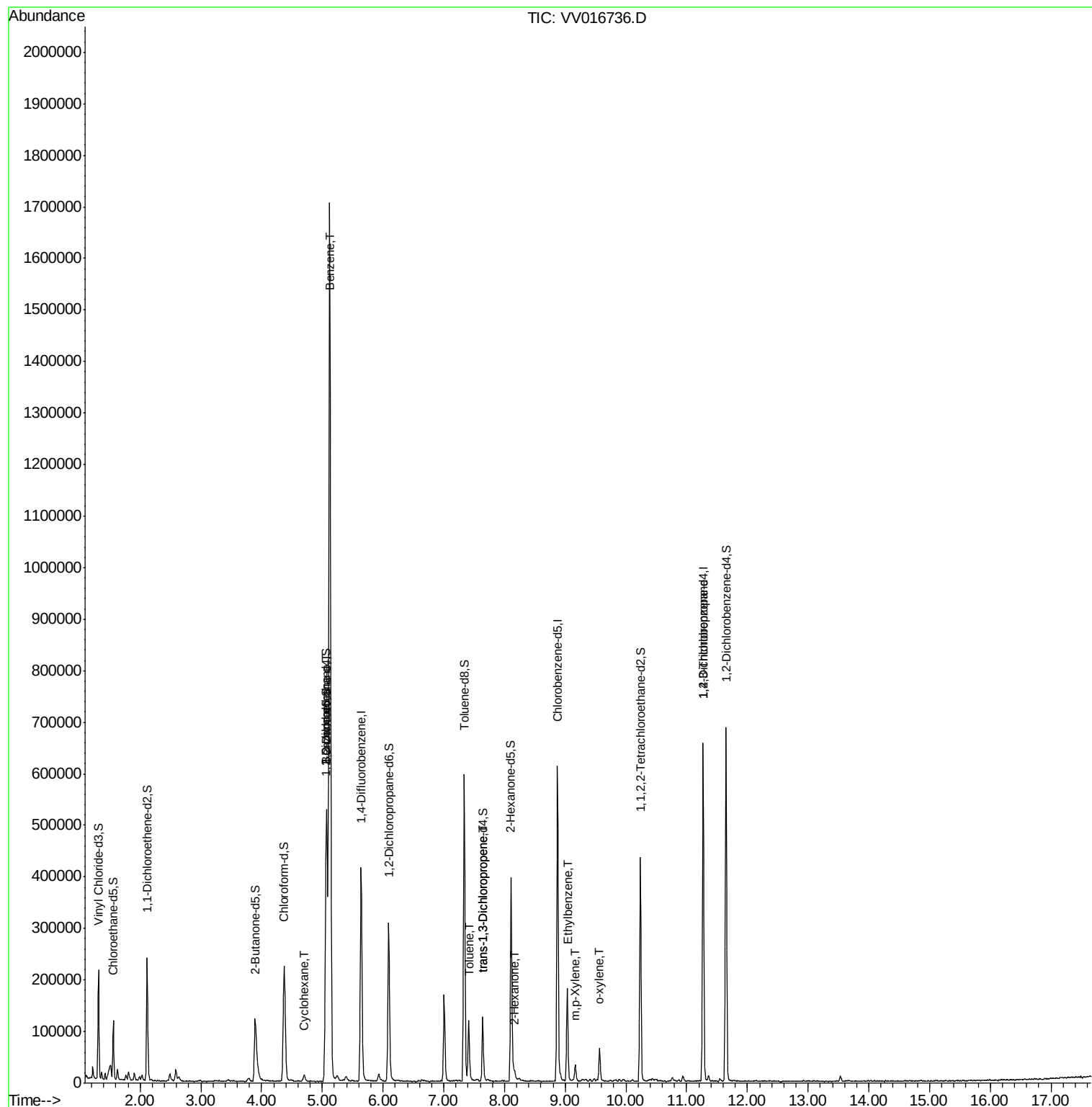
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
27) 1,2-Dichloroethane	5.08	62	2796	0.748	ug/L	97
29) Cyclohexane	4.70	56	5976	1.518	ug/L	94
33) Benzene	5.12	78	1632123	174.111	ug/L	100
42) Toluene	7.41	91	81870	8.285	ug/L	98
44) trans-1,3-Dichloropropene	7.64	75	3328	0.904	ug/L	91
48) 2-Hexanone	8.17	43	9879	3.688	ug/L #	90
52) Ethylbenzene	9.04	91	120186	10.980	ug/L	96
53) m,p-Xylene	9.16	106	8240	2.022	ug/L	96
54) o-xylene	9.57	106	15762	3.921	ug/L	97
59) 1,2,3-Trichloropropane	11.27	75	18954	6.267	ug/L	89

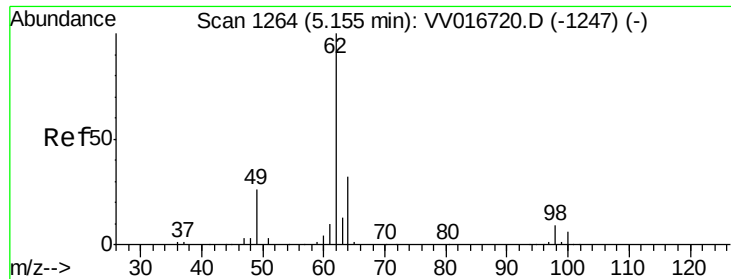
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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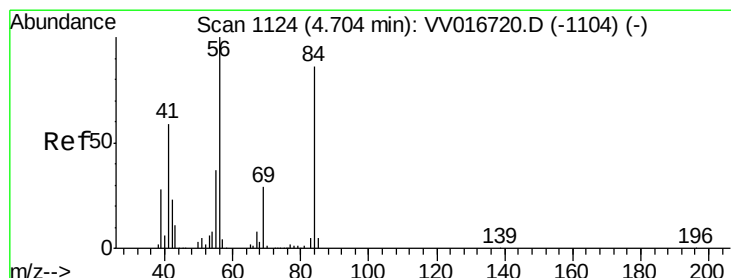
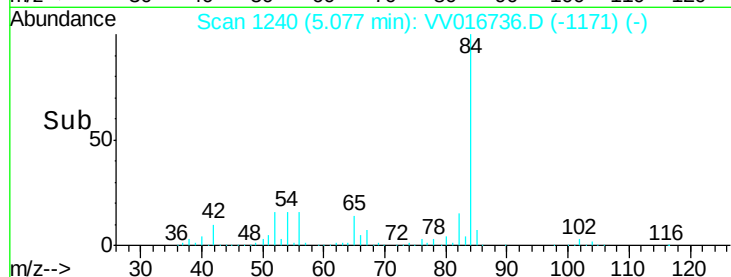
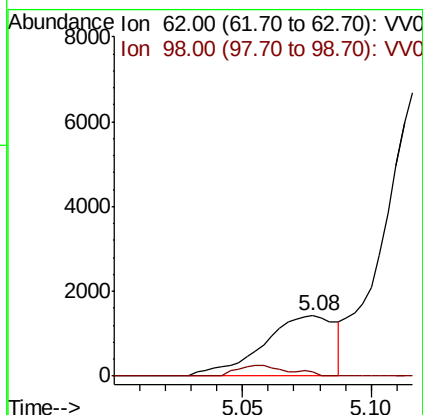
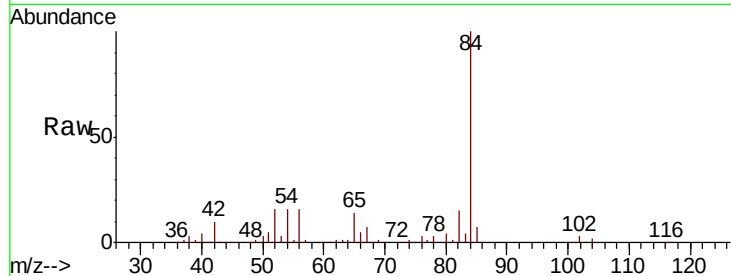




#27
 1,2-Dichloroethane
 Concen: 0.748 ug/L
 RT: 5.08 min Scan# 1240
 Delta R.T. -0.08 min
 Lab File: VV016736.D
 Acq: 09 Jun 2020 22:46

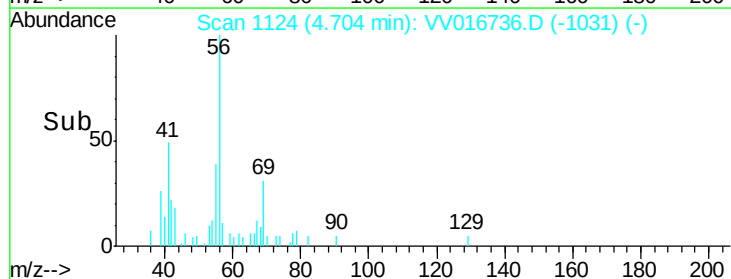
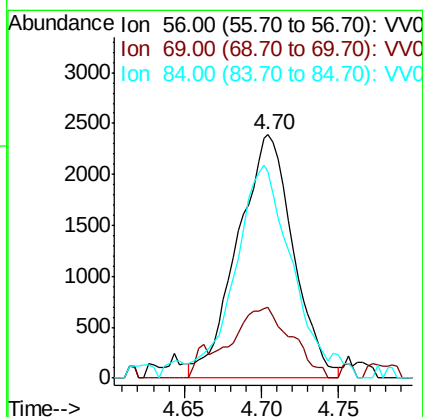
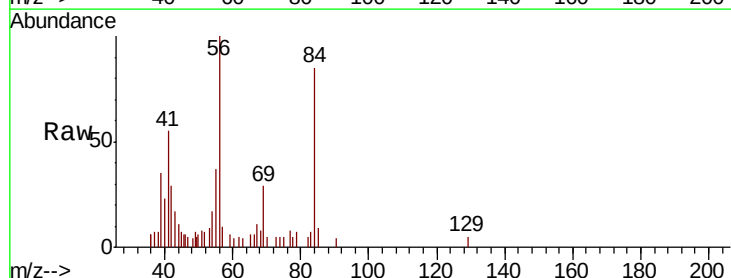
Instrument :
 MSVOA_V
 ClientSampleId :
 F9D86DL

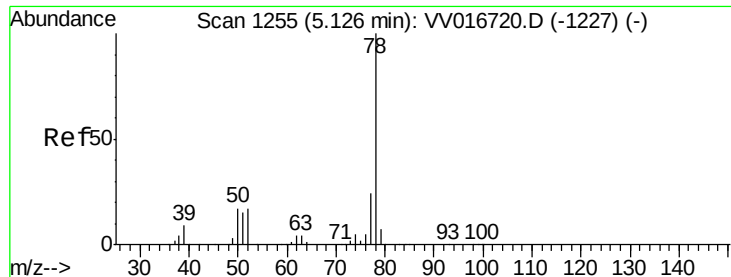
Tot Ion: 62 Resp: 2796
 Ion Ratio Lower Upper
 62 100
 98 8.2 7.4 11.2



#29
 Cyclohexane
 Concen: 1.518 ug/L
 RT: 4.70 min Scan# 1124
 Delta R.T. -0.00 min
 Lab File: VV016736.D
 Acq: 09 Jun 2020 22:46

Tgt Ion: 56 Resp: 5976
 Ion Ratio Lower Upper
 56 100
 69 26.8 25.0 37.4
 84 81.9 69.5 104.3





#33

Benzene

Concen: 174.111 ug/L

RT: 5.12 min Scan# 1254

Delta R.T. -0.00 min

Lab File: VV016736.D

Acq: 09 Jun 2020 22:46

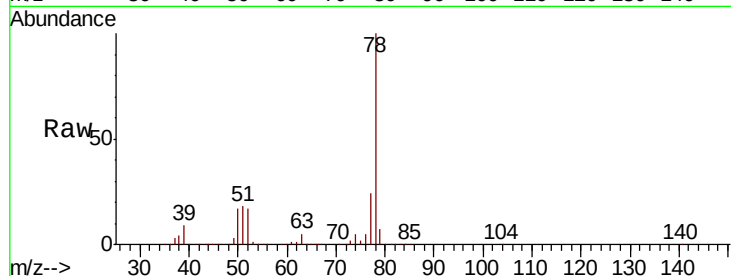
Instrument :

MSVOA_V

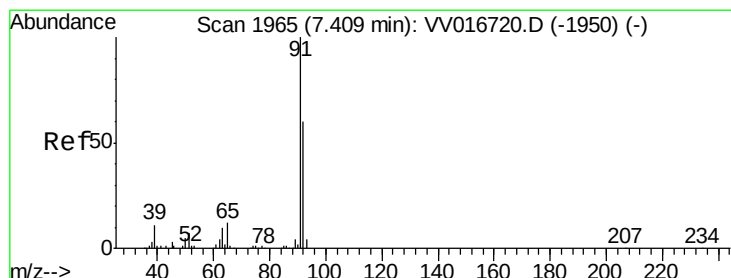
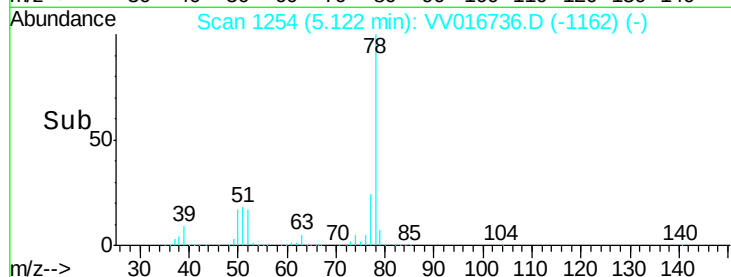
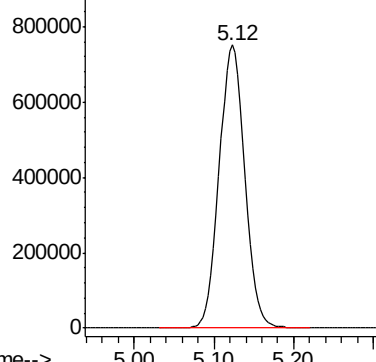
ClientSampleId :

F9D86DL

Tgt Ion: 78 Resp: 1632123



Abundance Ion 78.00 (77.70 to 78.70): VV0



#42

Toluene

Concen: 8.285 ug/L

RT: 7.41 min Scan# 1965

Delta R.T. -0.00 min

Lab File: VV016736.D

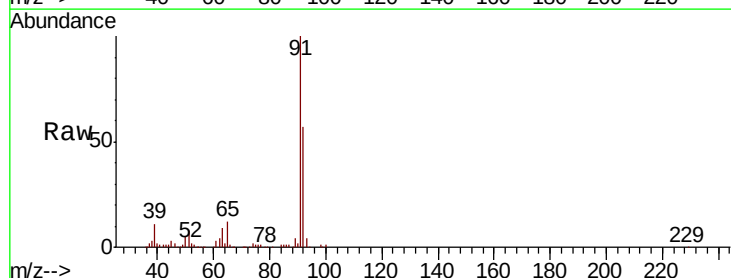
Acq: 09 Jun 2020 22:46

Tgt Ion: 91 Resp: 81870

Ion Ratio Lower Upper

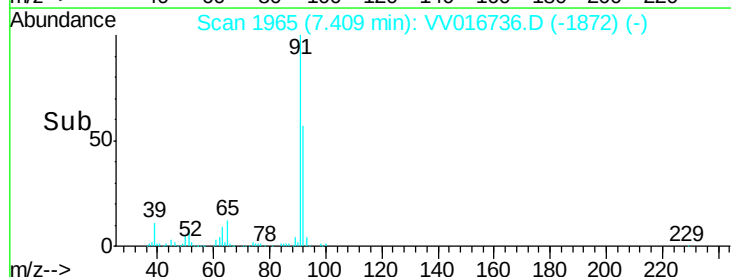
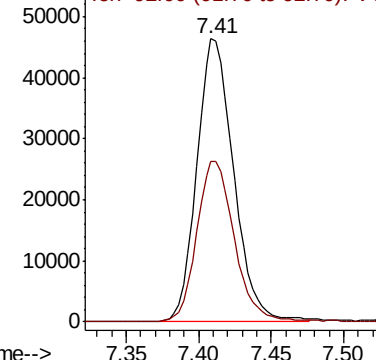
91 100

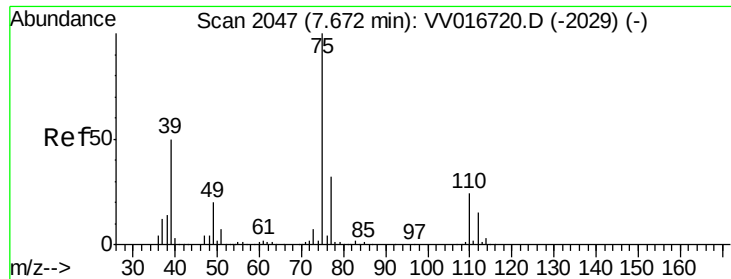
92 56.6 40.4 75.0



Abundance Ion 91.00 (90.70 to 91.70): VV0

Ion 92.00 (91.70 to 92.70): VV0





#44

trans-1,3-Dichloropropene

Concen: 0.904 ug/L

RT: 7.64 min Scan# 2038

Delta R.T. -0.03 min

Lab File: VV016736.D

Acq: 09 Jun 2020 22:46

Instrument :

MSVOA_V

ClientSampleId :

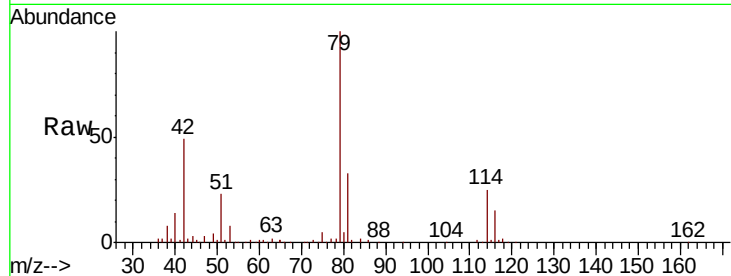
F9D86DL

Tot Ion: 75 Resp: 3328

Ion Ratio Lower Upper

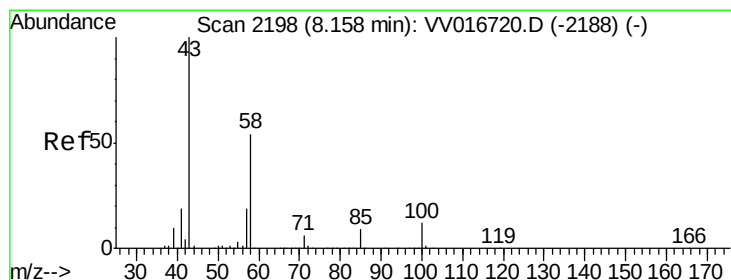
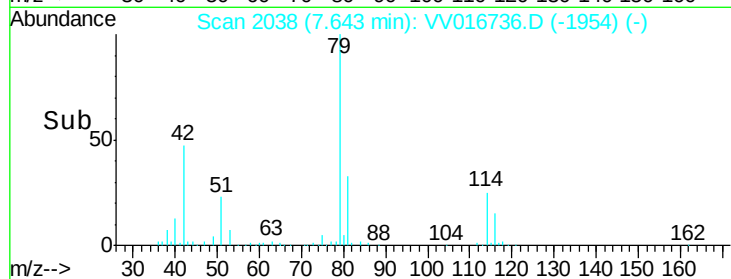
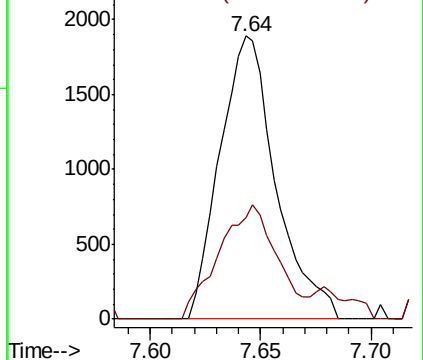
75 100

77 36.0 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: 3.688 ug/L

RT: 8.17 min Scan# 2201

Delta R.T. 0.01 min

Lab File: VV016736.D

Acq: 09 Jun 2020 22:46

Tgt Ion: 43 Resp: 9879

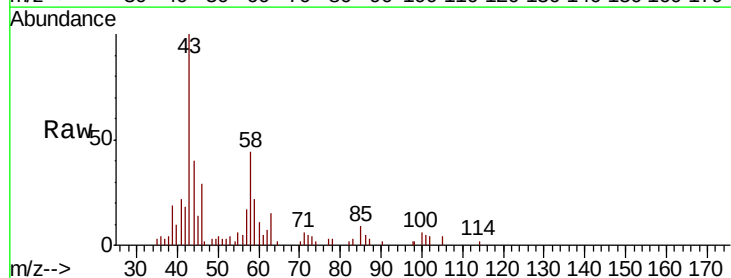
Ion Ratio Lower Upper

43 100

58 50.2 43.1 64.7

57 12.7 15.3 22.9#

100 3.7 10.0 15.0#

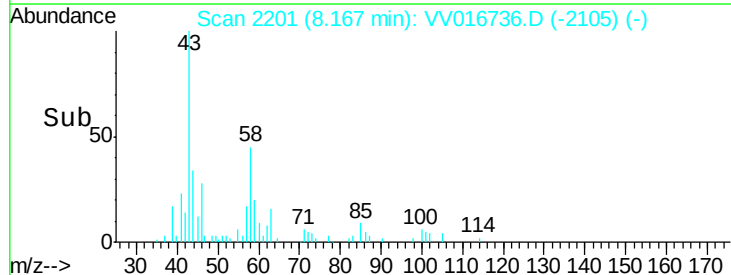
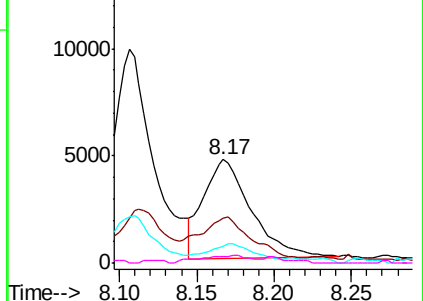


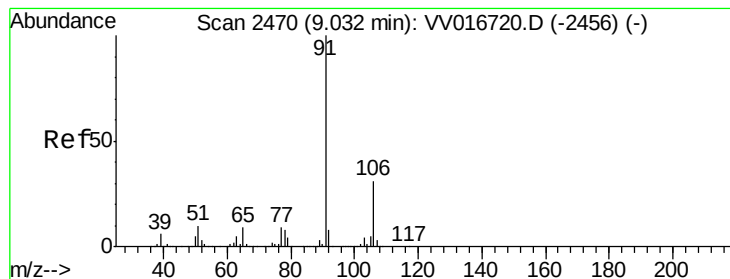
Abundance Ion 43.00 (42.70 to 43.70): VV0

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





#52

Ethylbenzene

Concen: 10.980 ug/L

RT: 9.04 min Scan# 2471

Delta R.T. 0.00 min

Lab File: VV016736.D

Acq: 09 Jun 2020 22:46

Instrument :

MSVOA_V

ClientSampleId :

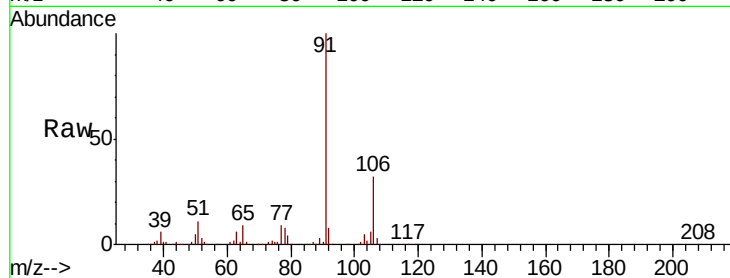
F9D86DL

Tot Ion: 91 Resp: 120186

Ion Ratio Lower Upper

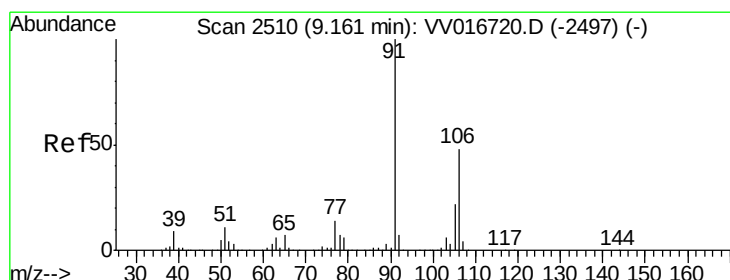
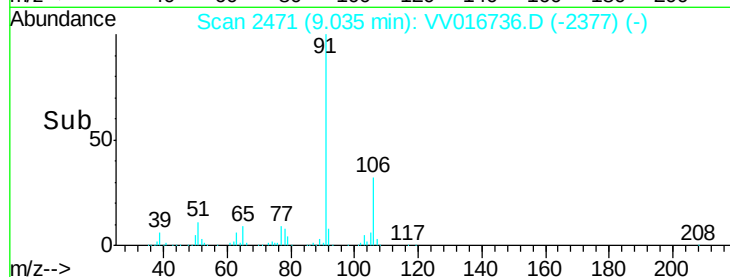
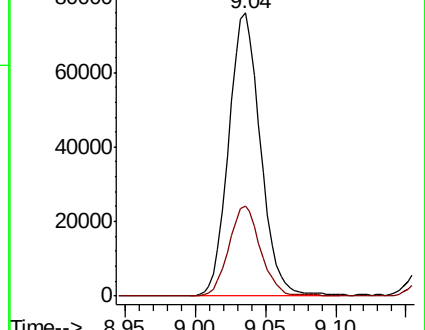
91 100

106 32.0 21.1 39.1



Abundance Ion 91.00 (90.70 to 91.70): VV016736.D (-2377) (-)

Ion 106.00 (105.70 to 106.70): VV016736.D (-2377) (-)



#53

m,p-Xylene

Concen: 2.022 ug/L

RT: 9.16 min Scan# 2511

Delta R.T. 0.00 min

Lab File: VV016736.D

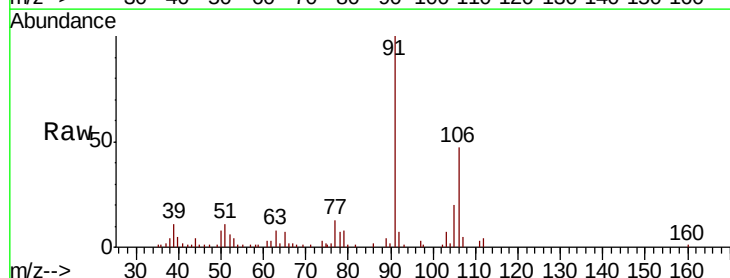
Acq: 09 Jun 2020 22:46

Tgt Ion: 106 Resp: 8240

Ion Ratio Lower Upper

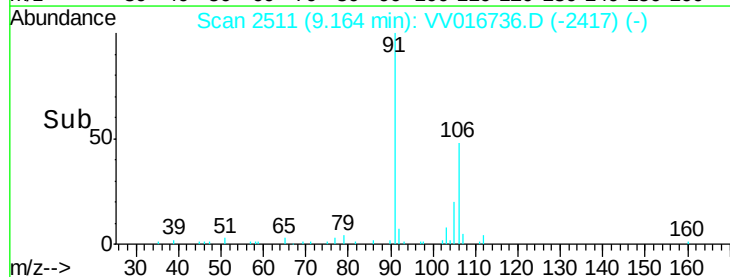
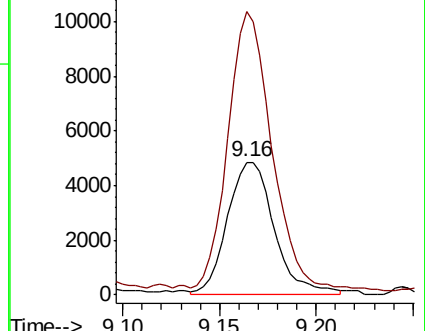
106 100

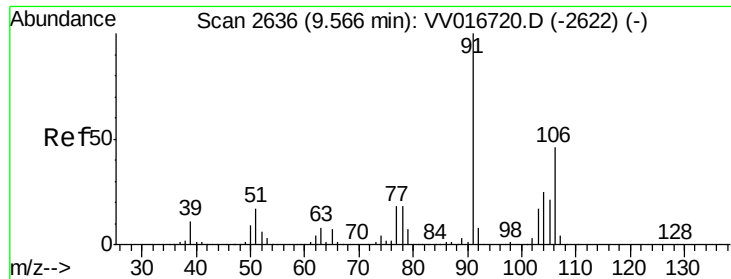
91 213.1 144.6 268.6



Abundance Ion 106.00 (105.70 to 106.70): VV016736.D (-2417) (-)

Ion 91.00 (90.70 to 91.70): VV016736.D (-2417) (-)





#54

o-xylene

Concen: 3.921 ug/L

RT: 9.57 min Scan# 2636

Delta R.T. -0.00 min

Lab File: VV016736.D

Acq: 09 Jun 2020 22:46

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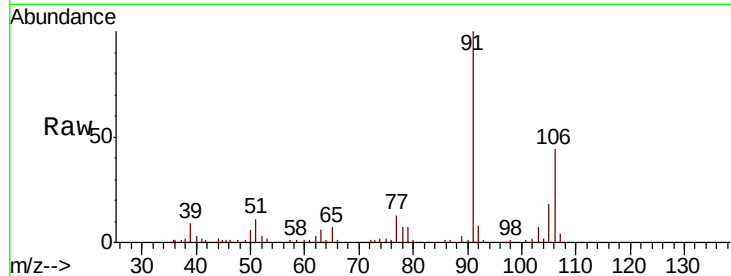
F9D86DL

Tot Ion:106 Resp: 15762

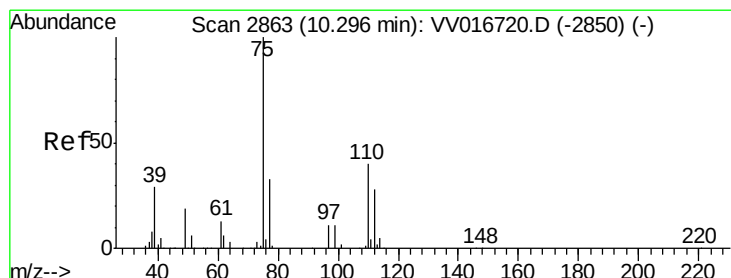
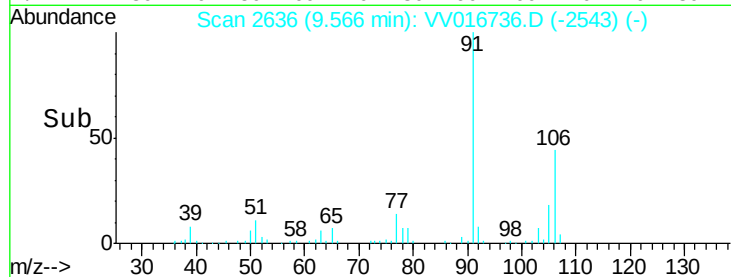
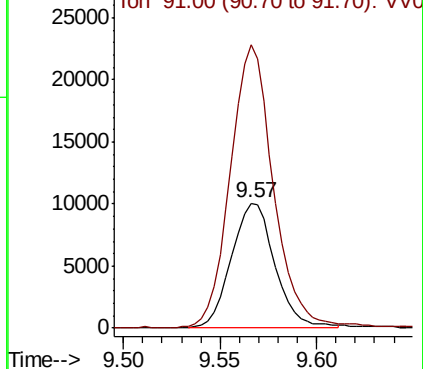
Ion Ratio Lower Upper

106 100

91 226.9 155.9 289.5



Abundance Ion 106.00 (105.70 to 106.70): VV016736.D (-2543) (-)



#59

1,2,3-Trichloropropane

Concen: 6.267 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.97 min

Lab File: VV016736.D

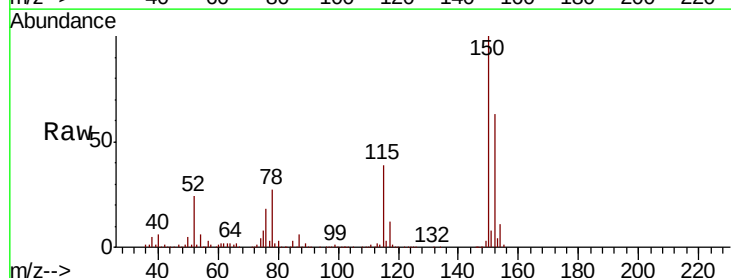
Acq: 09 Jun 2020 22:46

Tgt Ion: 75 Resp: 18954

Ion Ratio Lower Upper

75 100

77 38.9 26.1 39.1



Abundance Ion 75.00 (74.70 to 75.70): VV016736.D (-2241) (-)

