

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060920\
 Data File : VV016709.D
 Acq On : 09 Jun 2020 12:05
 Operator : SY/MD
 Sample : L2861-15DL2 250X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9E48DL2

Quant Time: Jun 10 00:38:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 10 00:34:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	383056	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	359111	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	176939	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	90875	33.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	67.24%
7) Chloroethane-d5	1.56	69	68322	42.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.26%
11) 1,1-Dichloroethene-d2	2.12	63	130634	28.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	57.56%#
21) 2-Butanone-d5	3.89	46	185829	92.89	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.89%
24) Chloroform-d	4.37	84	226909	41.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.58%
26) 1,2-Dichloroethane-d4	5.05	65	163811	43.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.64%
32) Benzene-d6	5.07	84	437651	42.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.56%
36) 1,2-Dichloropropane-d6	6.09	67	140092	43.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.82%
41) Toluene-d8	7.34	98	391279	41.19	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.38%
43) trans-1,3-Dichloropropene-	7.64	79	66986	39.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.72%
47) 2-Hexanone-d5	8.11	63	122619	87.16	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.16%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	191607	44.85	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.70%
64) 1,2-Dichlorobenzene-d4	11.65	152	170324	45.11	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.22%

Target Compounds

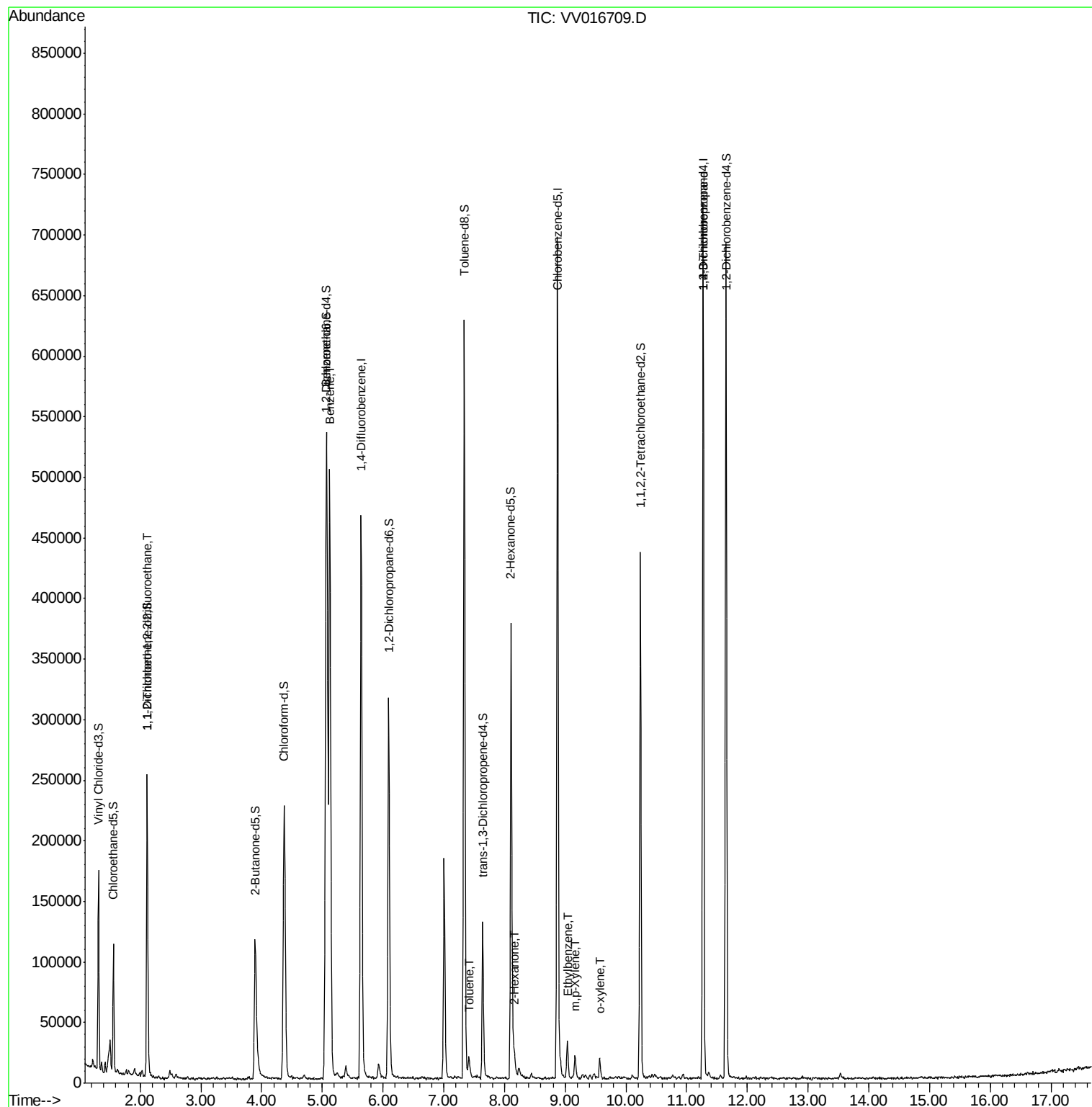
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	1381	0.678 ug/L #	20
33) Benzene	5.12	78	485571	45.701 ug/L	100
42) Toluene	7.41	91	11876	1.060 ug/L	98
48) 2-Hexanone	8.17	43	11573	3.812 ug/L #	61
52) Ethylbenzene	9.04	91	20798	1.676 ug/L	100
53) m,p-Xylene	9.16	106	5305	1.148 ug/L	84
54) o-xylene	9.57	106	4176	0.917 ug/L	96
59) 1,2,3-Trichloropropane	11.27	75	21110	6.158 ug/L	91

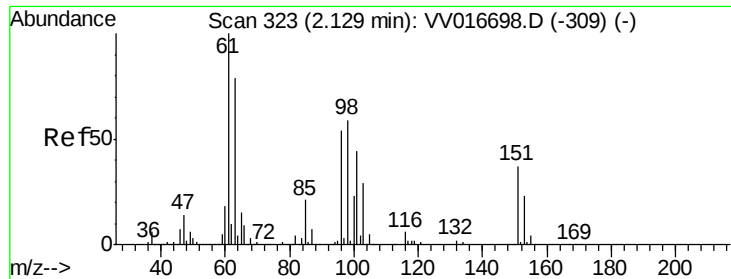
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jun 10 00:34:30 2020
Response via : Initial Calibration





#10

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

Concen: 0.678 ug/L

RT: 2.11 min Scan# 318

Delta R.T. -0.02 min

Lab File: VV016709.D

Acq: 09 Jun 2020 12:05

Instrument :

MSVOA_V

ClientSampleId :

F9E48DL2

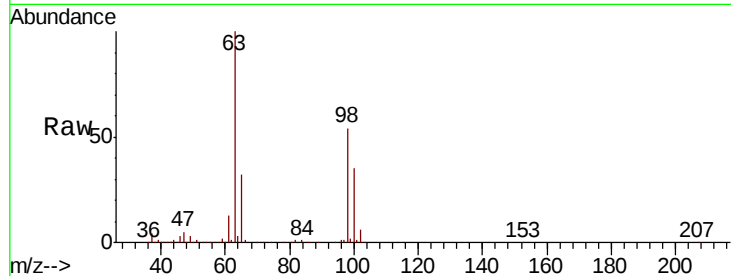
Tot Ion:101 Resp: 1381

Ion Ratio Lower Upper

101 100

85 5.0 35.5 53.3#

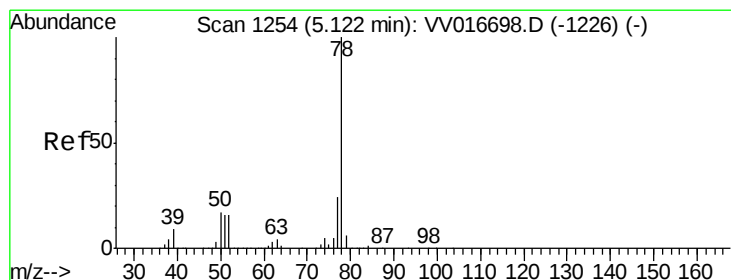
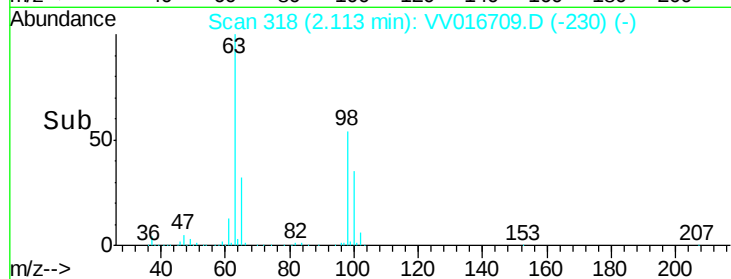
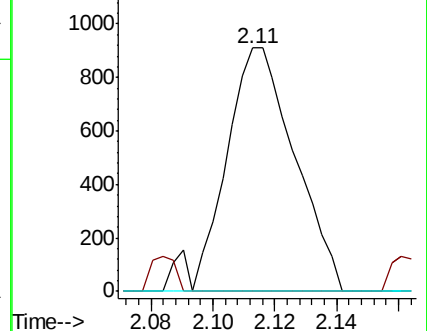
151 0.0 63.9 95.9#



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



#33

Benzene

Concen: 45.701 ug/L

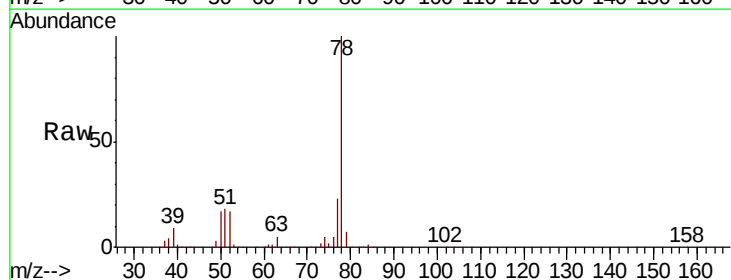
RT: 5.12 min Scan# 1254

Delta R.T. -0.00 min

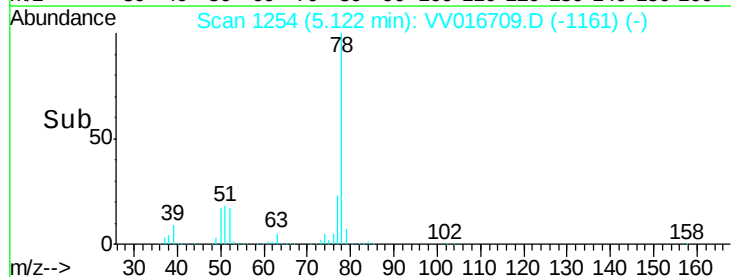
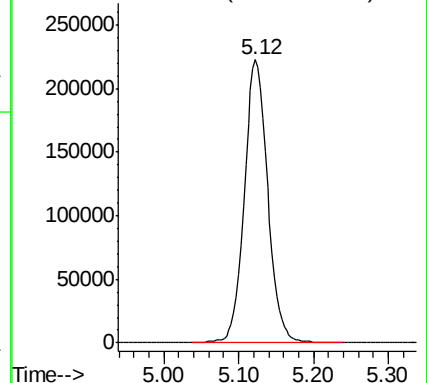
Lab File: VV016709.D

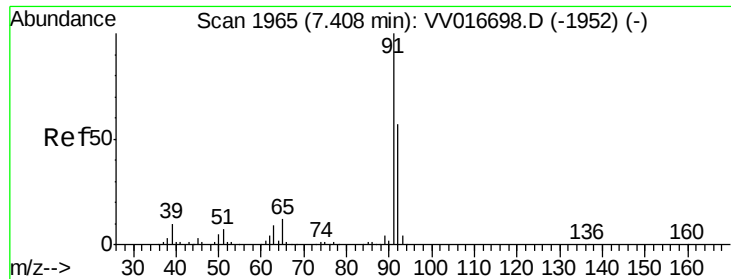
Acq: 09 Jun 2020 12:05

Tgt Ion: 78 Resp: 485571



Abundance Ion 78.00 (77.70 to 78.70): VV0





#42

Toluene

Concen: 1.060 ug/L

RT: 7.41 min Scan# 1967

Delta R.T. 0.01 min

Lab File: VV016709.D

Acq: 09 Jun 2020 12:05

Instrument :

MSVOA_V

ClientSampleId :

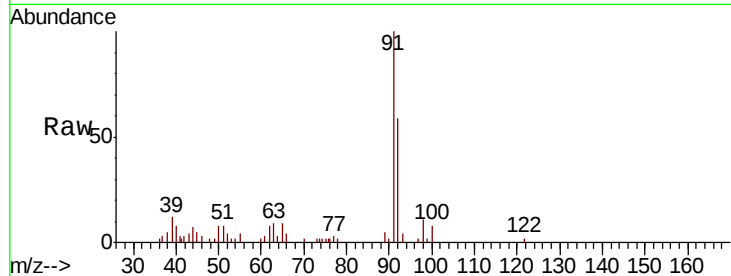
F9E48DL2

Tot Ion: 91 Resp: 11876

Ion Ratio Lower Upper

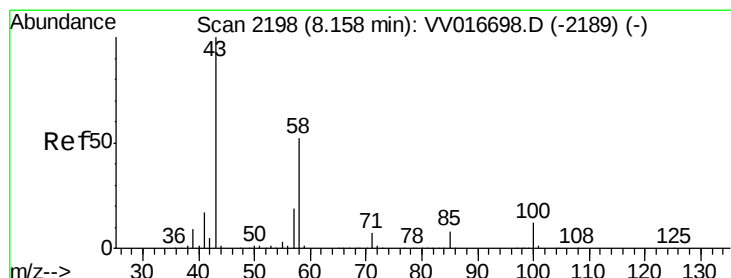
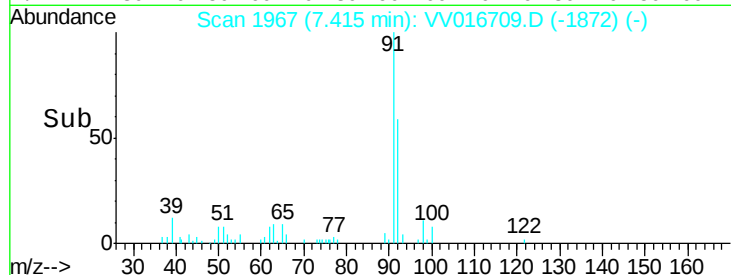
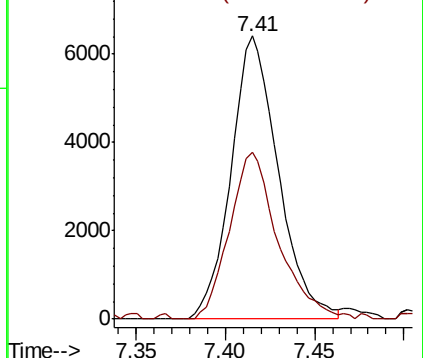
91 100

92 59.1 40.4 75.0



Abundance Ion 91.00 (90.70 to 91.70): VV016698.D (-1952) (-)

Ion 92.00 (91.70 to 92.70): VV016698.D (-1952) (-)



#48

2-Hexanone

Concen: 3.812 ug/L

RT: 8.17 min Scan# 2201

Delta R.T. 0.01 min

Lab File: VV016709.D

Acq: 09 Jun 2020 12:05

Tgt Ion: 43 Resp: 11573

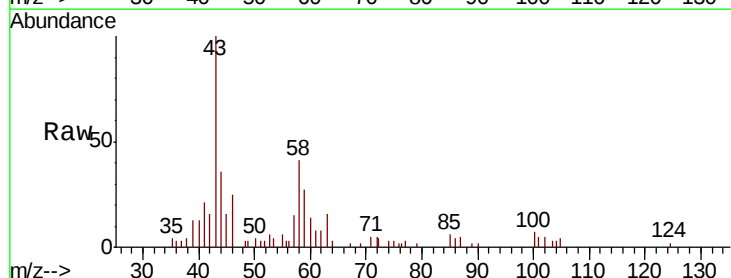
Ion Ratio Lower Upper

43 100

58 24.0 43.1 64.7#

57 0.0 15.3 22.9#

100 3.8 10.0 15.0#

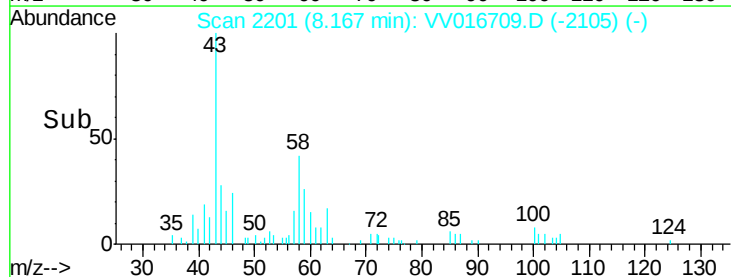
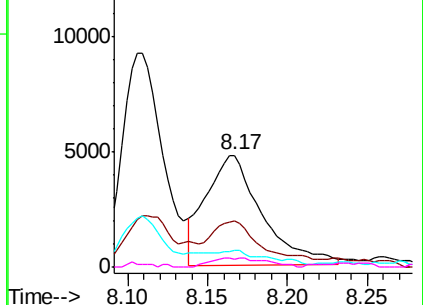


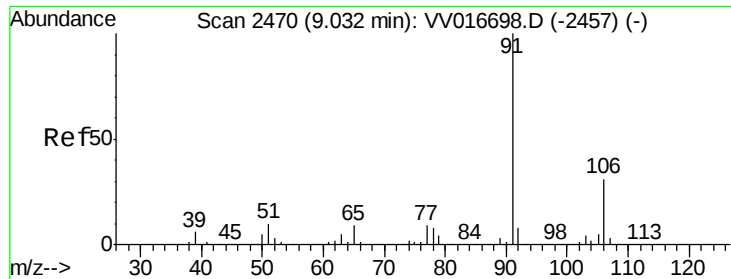
Abundance Ion 43.00 (42.70 to 43.70): VV016698.D (-2189) (-)

Ion 58.00 (57.70 to 58.70): VV016698.D (-2189) (-)

Ion 57.00 (56.70 to 57.70): VV016698.D (-2189) (-)

Ion 100.00 (99.70 to 100.70): VV016698.D (-2189) (-)

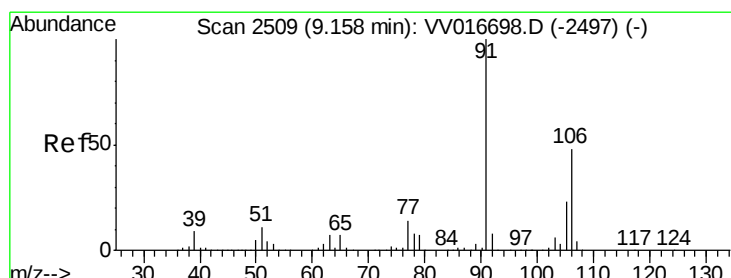
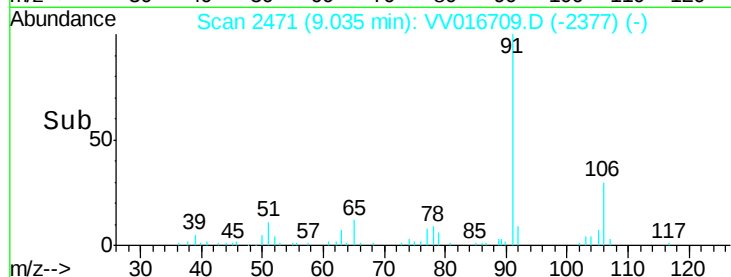
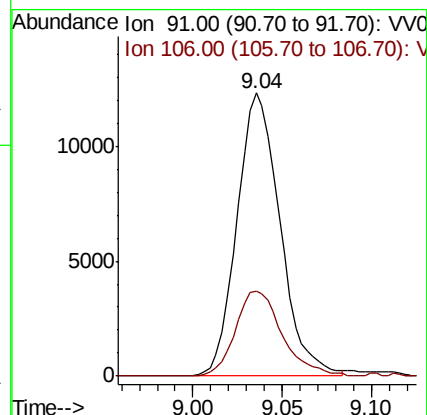
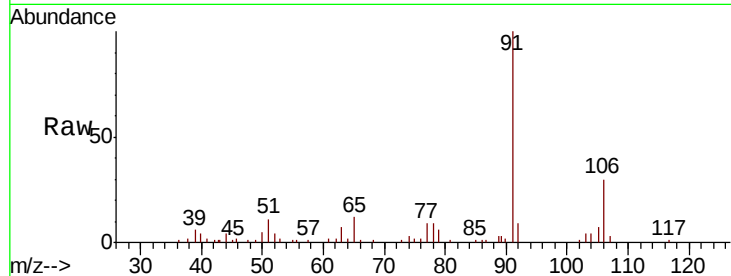




#52
Ethylbenzene
Concen: 1.676 ug/L
RT: 9.04 min Scan# 2471
Delta R.T. 0.00 min
Lab File: VV016709.D
Acq: 09 Jun 2020 12:05

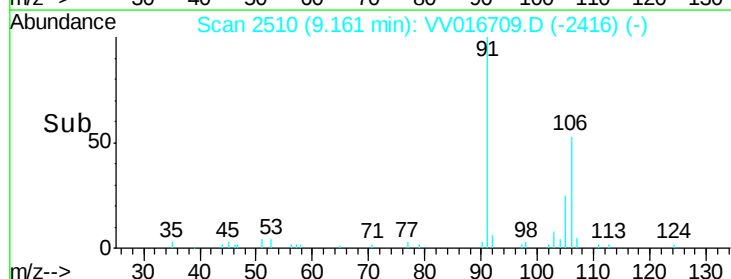
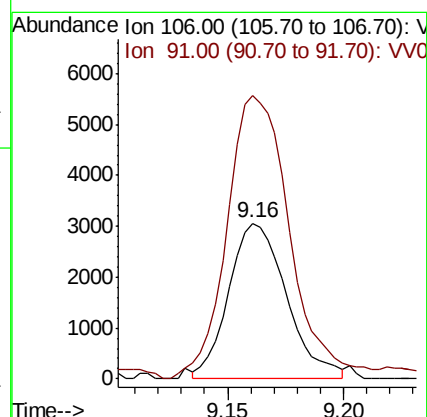
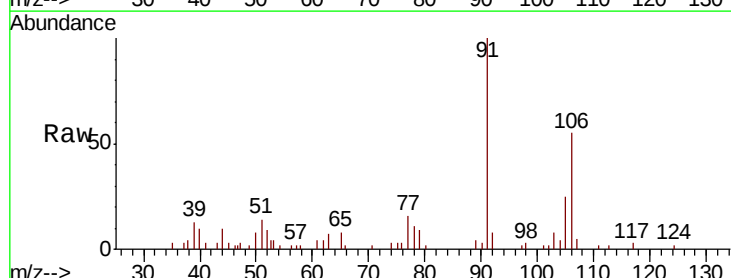
Instrument :
MSVOA_V
ClientSampled :
F9E48DL2

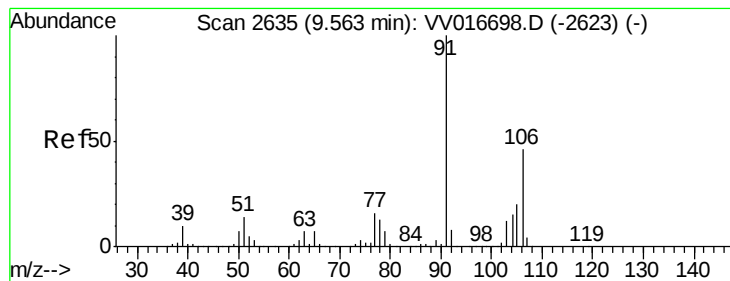
Tot Ion: 91 Resp: 20798
Ion Ratio Lower Upper
91 100
106 30.0 21.1 39.1



#53
m,p-Xylene
Concen: 1.148 ug/L
RT: 9.16 min Scan# 2510
Delta R.T. 0.00 min
Lab File: VV016709.D
Acq: 09 Jun 2020 12:05

Tgt Ion: 106 Resp: 5305
Ion Ratio Lower Upper
106 100
91 181.9 144.6 268.6





#54

o-xylene

Concen: 0.917 ug/L

RT: 9.57 min Scan# 2637

Delta R.T. 0.01 min

Lab File: VV016709.D

Acq: 09 Jun 2020 12:05

Instrument :

MSVOA_V

ClientSampleId :

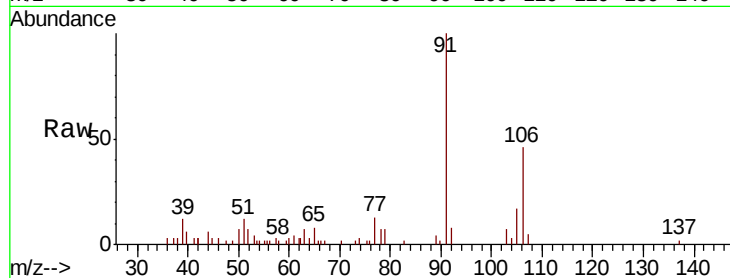
F9E48DL2

Tot Ion:106 Resp: 4176

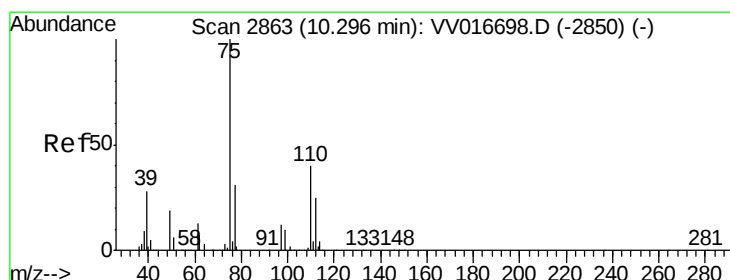
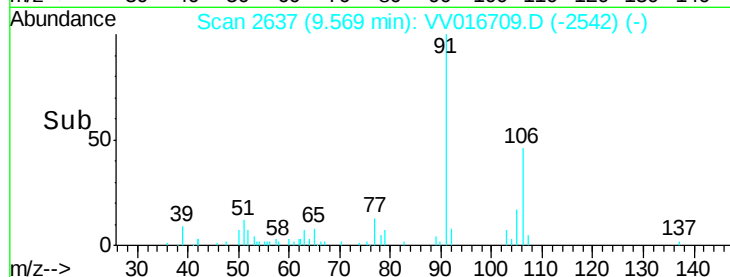
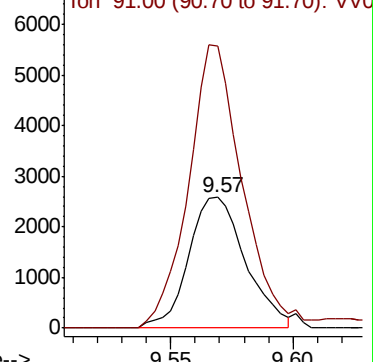
Ion Ratio Lower Upper

106 100

91 216.1 155.9 289.5



Abundance Ion 106.00 (105.70 to 106.70): VV016698.D (-2623) (-)



#59

1,2,3-Trichloropropane

Concen: 6.158 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.97 min

Lab File: VV016709.D

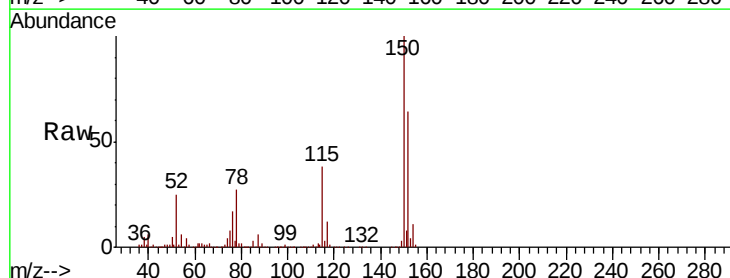
Acq: 09 Jun 2020 12:05

Tgt Ion: 75 Resp: 21110

Ion Ratio Lower Upper

75 100

77 37.4 26.1 39.1



Abundance Ion 75.00 (74.70 to 75.70): VV016698.D (-2850) (-)

