

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060920\
 Data File : VV016706.D
 Acq On : 09 Jun 2020 10:54
 Operator : SY/MD
 Sample : L2861-10DL 200X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9E42DL

Quant Time: Jun 10 00:37:36 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	356566	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	336242	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	167041	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	95017	37.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.54%
7) Chloroethane-d5	1.56	69	72383	47.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.90%
11) 1,1-Dichloroethene-d2	2.12	63	136847	32.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.78%
21) 2-Butanone-d5	3.89	46	185705	99.72	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.72%
24) Chloroform-d	4.37	84	231923	45.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.66%
26) 1,2-Dichloroethane-d4	5.05	65	165604	47.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.18%
32) Benzene-d6	5.07	84	447511	46.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.34%
36) 1,2-Dichloropropane-d6	6.09	67	143902	47.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.26%
41) Toluene-d8	7.34	98	403303	45.34	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.68%
43) trans-1,3-Dichloropropene-	7.64	79	69992	44.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.96%
47) 2-Hexanone-d5	8.11	63	122368	92.90	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.90%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	191309	47.83	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.66%
64) 1,2-Dichlorobenzene-d4	11.65	152	174824	49.04	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.08%

Target Compounds

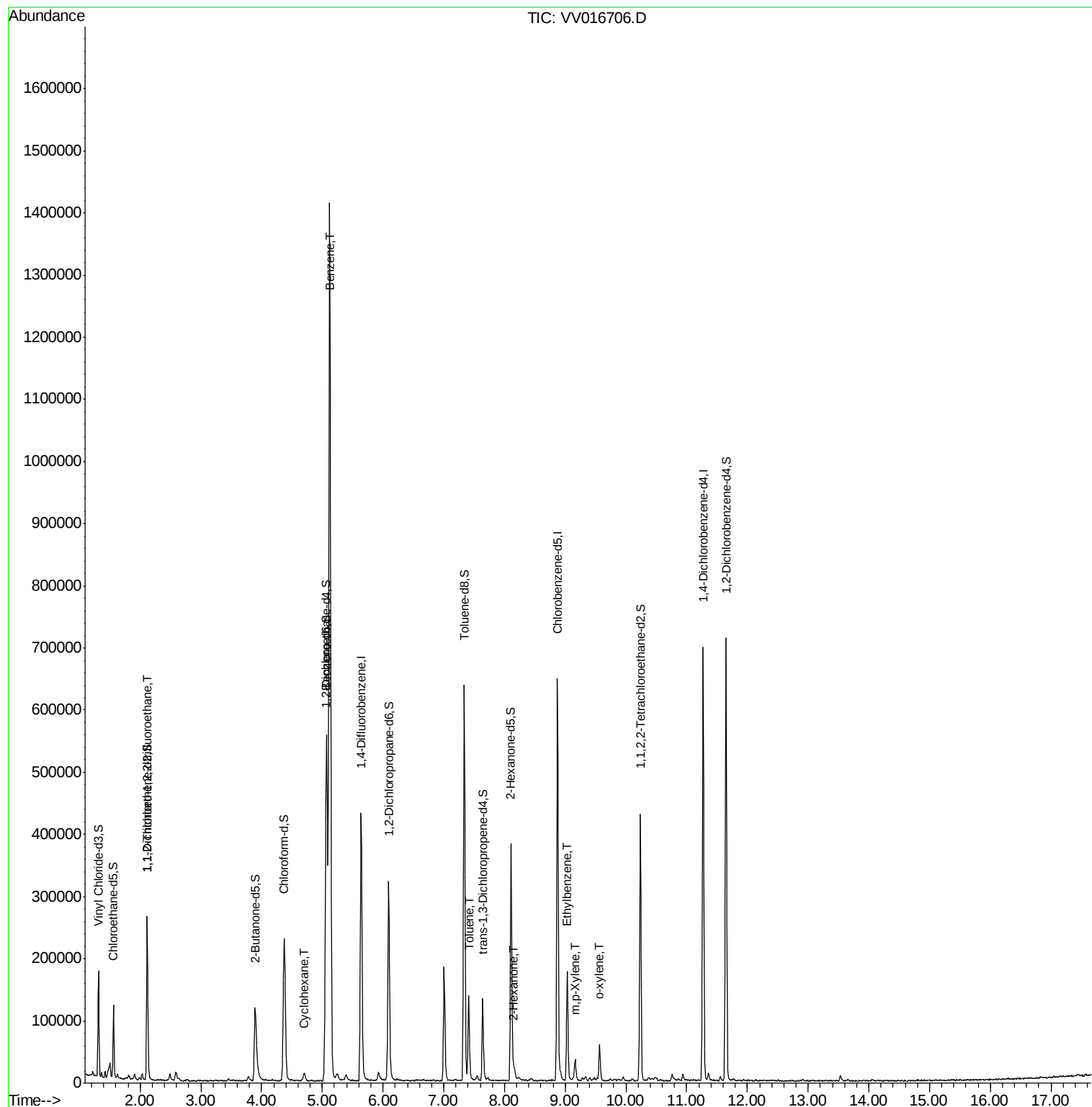
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1348	0.711	ug/L # 26
29) Cyclohexane	4.70	56	5992	1.434	ug/L # 92
33) Benzene	5.12	78	1367470	137.456	ug/L 100
42) Toluene	7.41	91	96905	9.240	ug/L 100
48) 2-Hexanone	8.16	43	8738	3.074	ug/L # 91
52) Ethylbenzene	9.03	91	118611	10.211	ug/L 99
53) m,p-Xylene	9.16	106	8821	2.039	ug/L 95
54) o-xylene	9.57	106	14320	3.357	ug/L 91

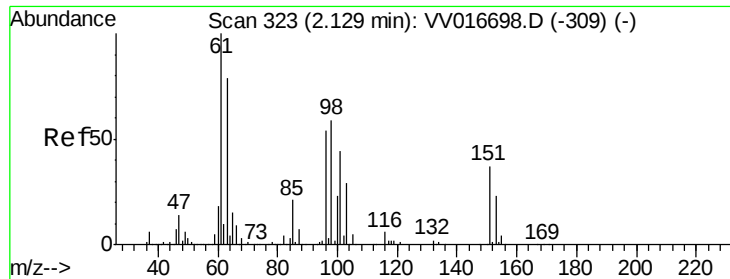
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 0.711 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV016706.D

Acq: 09 Jun 2020 10:54

Instrument :

MSVOA_V

ClientSampleId :

F9E42DL

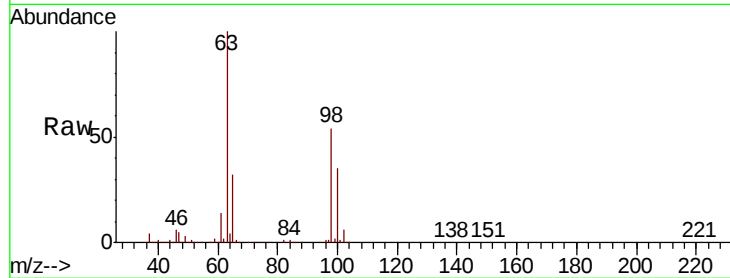
Tot Ion:101 Resp: 1348

Ion Ratio Lower Upper

101 100

85 7.1 35.5 53.3#

151 6.8 63.9 95.9#

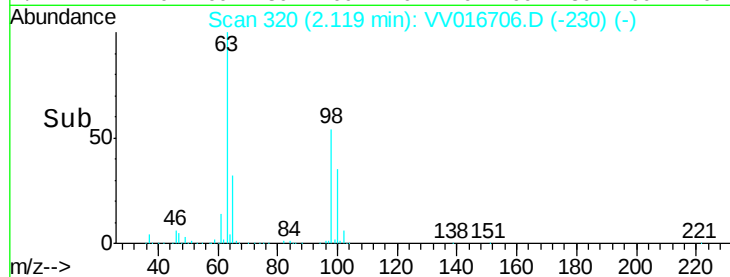


Abundance Ion 101.00 (100.70 to 101.70): VV016698.D (-309) (-)

Ion 85.00 (84.70 to 85.70): VV016698.D (-309) (-)

Ion 151.00 (150.70 to 151.70): VV016698.D (-309) (-)

Time-->

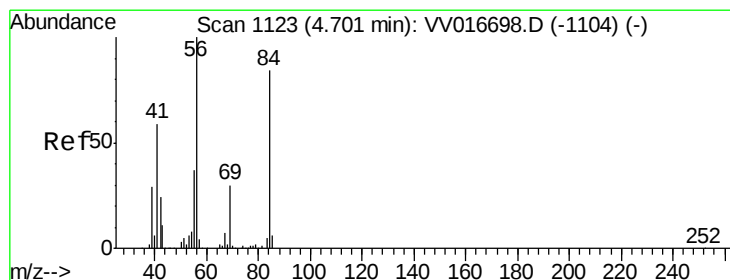


Abundance Ion 101.00 (100.70 to 101.70): VV016706.D (-230) (-)

Ion 85.00 (84.70 to 85.70): VV016706.D (-230) (-)

Ion 151.00 (150.70 to 151.70): VV016706.D (-230) (-)

Time-->



#29

Cyclohexane

Concen: 1.434 ug/L

RT: 4.70 min Scan# 1122

Delta R.T. -0.00 min

Lab File: VV016706.D

Acq: 09 Jun 2020 10:54

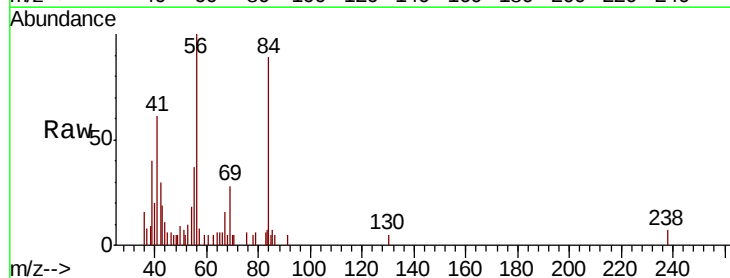
Tgt Ion: 56 Resp: 5992

Ion Ratio Lower Upper

56 100

69 20.6 25.0 37.4#

84 90.8 69.5 104.3

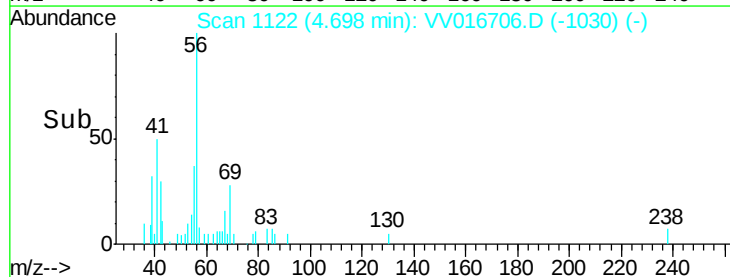


Abundance Ion 56.00 (55.70 to 56.70): VV016698.D (-1104) (-)

Ion 69.00 (68.70 to 69.70): VV016698.D (-1104) (-)

Ion 84.00 (83.70 to 84.70): VV016698.D (-1104) (-)

Time-->

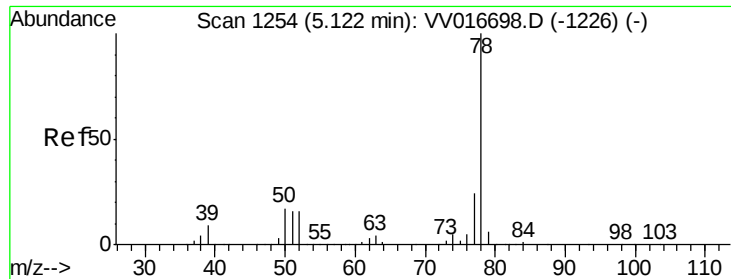


Abundance Ion 56.00 (55.70 to 56.70): VV016706.D (-1030) (-)

Ion 69.00 (68.70 to 69.70): VV016706.D (-1030) (-)

Ion 84.00 (83.70 to 84.70): VV016706.D (-1030) (-)

Time-->



#33

Benzene

Concen: 137.456 ug/L

RT: 5.12 min Scan# 1254

Delta R.T. -0.00 min

Lab File: VV016706.D

Acq: 09 Jun 2020 10:54

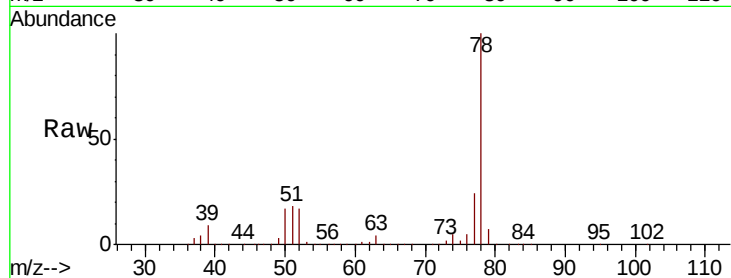
Instrument :

MSVOA_V

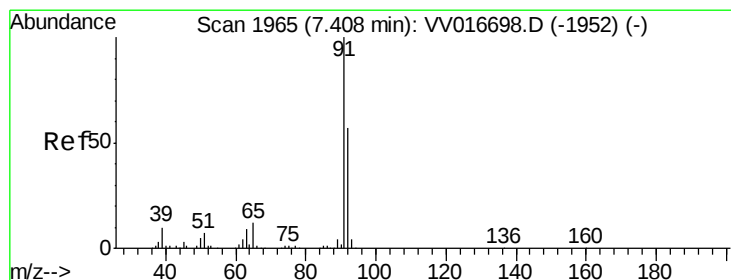
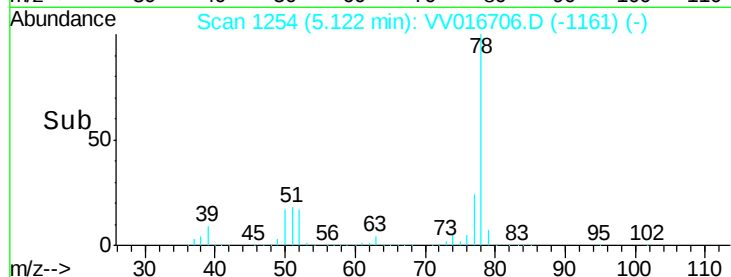
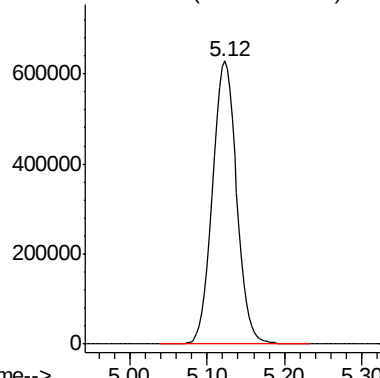
ClientSampleId :

F9E42DL

Tgt Ion: 78 Resp: 1367470



Abundance Ion 78.00 (77.70 to 78.70): VV0



#42

Toluene

Concen: 9.240 ug/L

RT: 7.41 min Scan# 1966

Delta R.T. 0.00 min

Lab File: VV016706.D

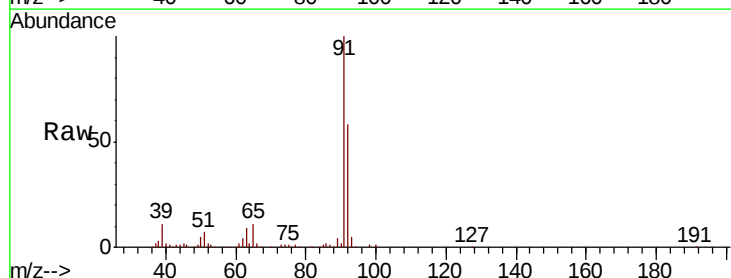
Acq: 09 Jun 2020 10:54

Tgt Ion: 91 Resp: 96905

Ion Ratio Lower Upper

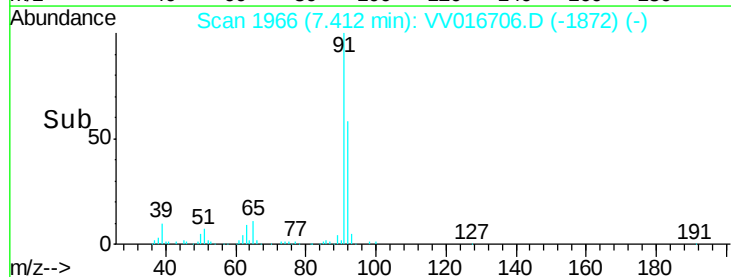
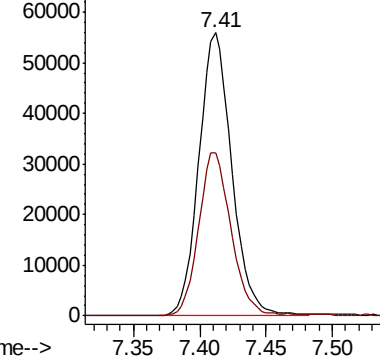
91 100

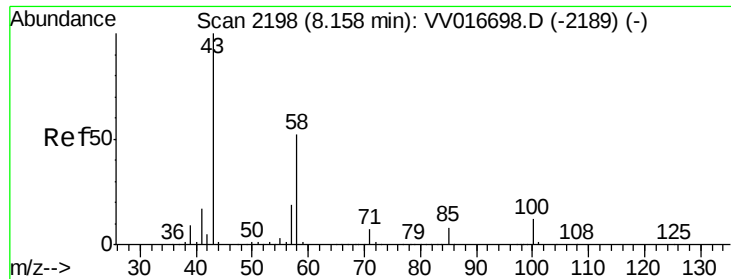
92 57.7 40.4 75.0



Abundance Ion 91.00 (90.70 to 91.70): VV0

Ion 92.00 (91.70 to 92.70): VV0

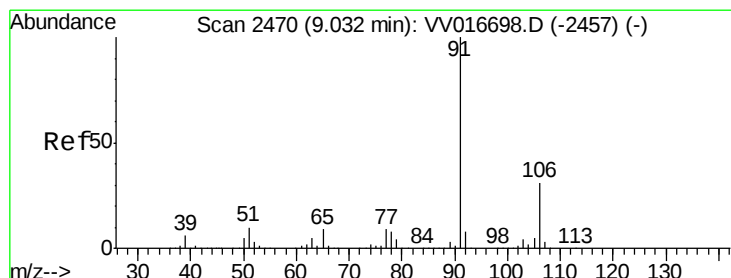
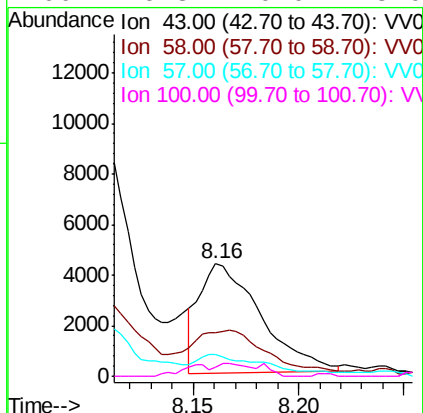
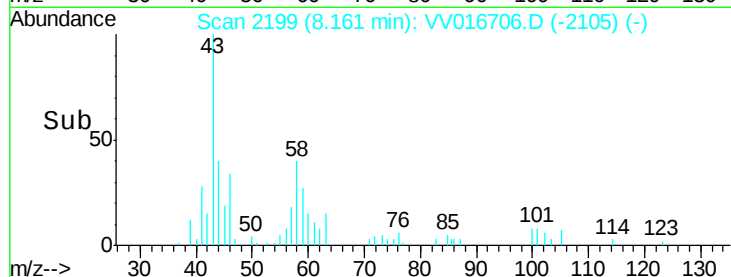
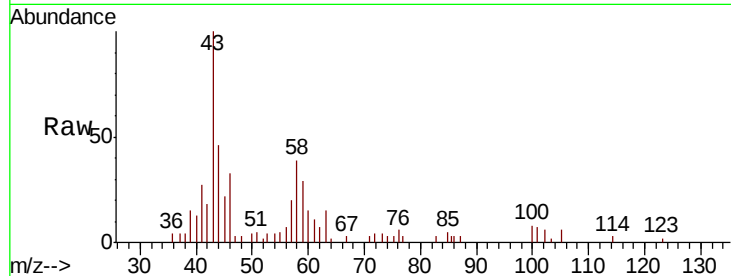




#48
2-Hexanone
Concen: 3.074 ug/L
RT: 8.16 min Scan# 2199
Delta R.T. 0.00 min
Lab File: VV016706.D
Acq: 09 Jun 2020 10:54

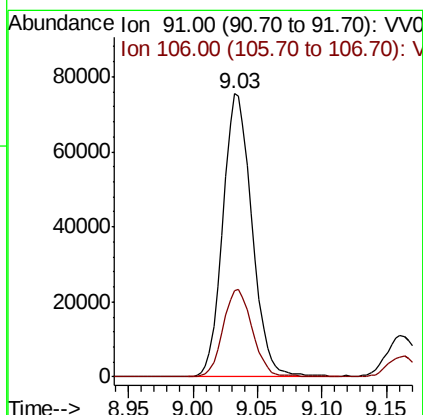
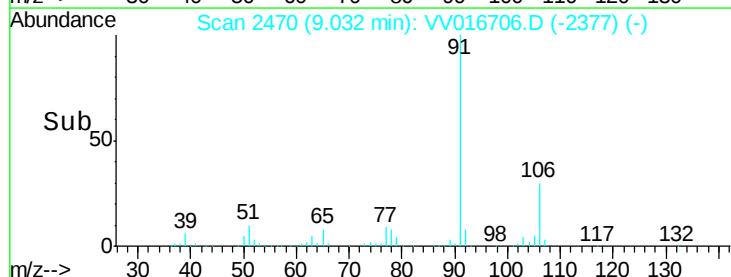
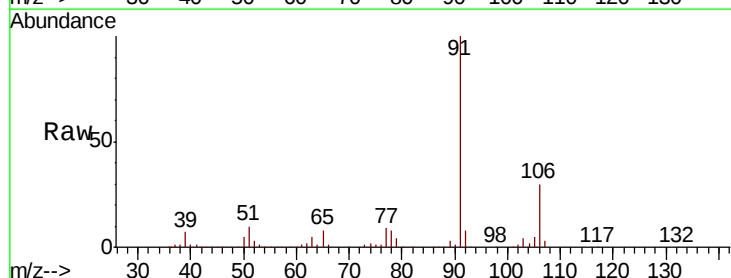
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MSVOA_V
ClientSampleId :
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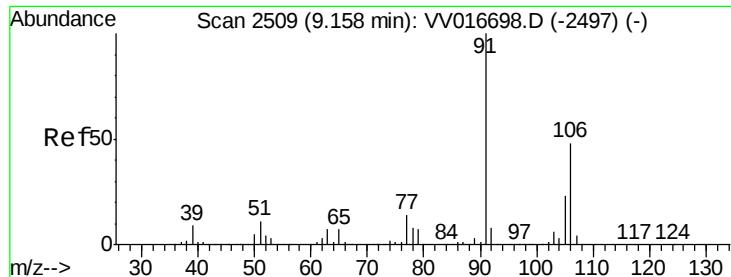
Tot Ion: 43 Resp: 8738
Ion Ratio Lower Upper
43 100
58 48.7 43.1 64.7
57 14.0 15.3 22.9#
100 6.3 10.0 15.0#



#52
Ethylbenzene
Concen: 10.211 ug/L
RT: 9.03 min Scan# 2470
Delta R.T. -0.00 min
Lab File: VV016706.D
Acq: 09 Jun 2020 10:54

Tgt Ion: 91 Resp: 118611
Ion Ratio Lower Upper
91 100
106 30.5 21.1 39.1

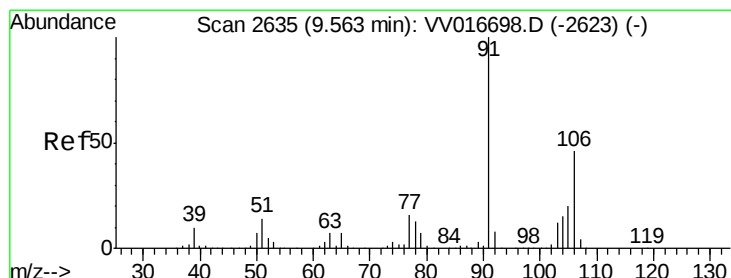
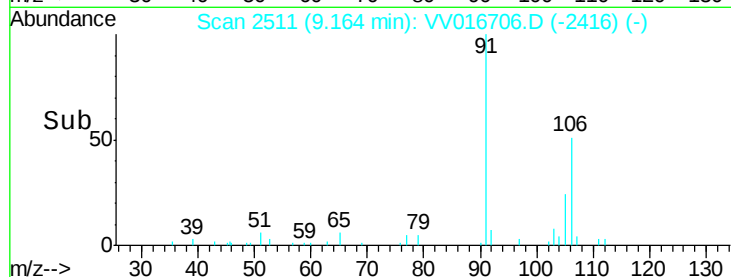
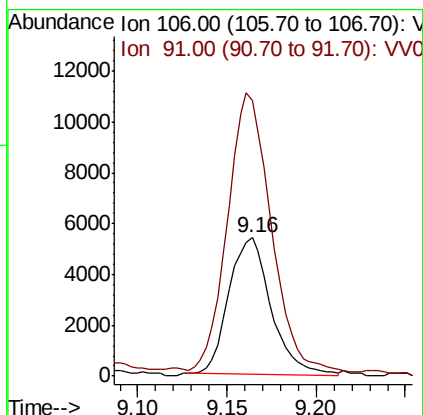
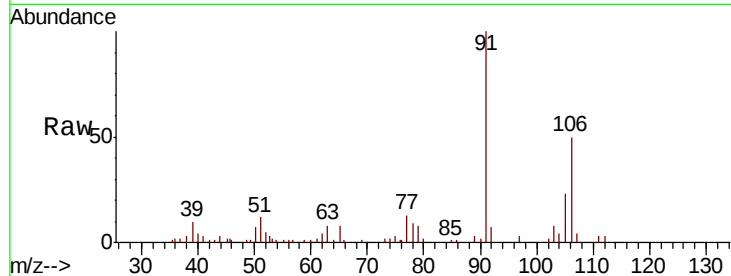




#53
m,p-Xylene
Concen: 2.039 ug/L
RT: 9.16 min Scan# 2511
Delta R.T. 0.01 min
Lab File: VV016706.D
Acq: 09 Jun 2020 10:54

Instrument :
MSVOA_V
ClientSampleId :
F9E42DL

Tot Ion:106 Resp: 8821
Ion Ratio Lower Upper
106 100
91 199.2 144.6 268.6



#54
o-xylene
Concen: 3.357 ug/L
RT: 9.57 min Scan# 2636
Delta R.T. 0.00 min
Lab File: VV016706.D
Acq: 09 Jun 2020 10:54

Tgt Ion:106 Resp: 14320
Ion Ratio Lower Upper
106 100
91 208.1 155.9 289.5

