

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061020\
 Data File : VV016768.D
 Acq On : 10 Jun 2020 14:51
 Operator : SY/MD
 Sample : L2914-11DL 500X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9E14DL

Quant Time: Jun 11 01:07:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 11 01:04:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	364830	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	343045	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	170276	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	110643	42.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.96%
7) Chloroethane-d5	1.56	69	77287	50.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.06%
11) 1,1-Dichloroethene-d2	2.12	63	148162	34.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.54%
21) 2-Butanone-d5	3.89	46	174706	91.69	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.69%
24) Chloroform-d	4.37	84	226883	43.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.68%
26) 1,2-Dichloroethane-d4	5.05	65	162607	45.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.34%
32) Benzene-d6	5.07	84	449378	45.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.88%
36) 1,2-Dichloropropane-d6	6.09	67	138484	44.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.86%
41) Toluene-d8	7.33	98	407254	44.88	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.76%
43) trans-1,3-Dichloropropene-	7.64	79	68161	42.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.92%
47) 2-Hexanone-d5	8.11	63	104161	77.51	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	77.51%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	179201	43.92	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.84%
64) 1,2-Dichlorobenzene-d4	11.65	152	171804	47.28	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.56%

Target Compounds

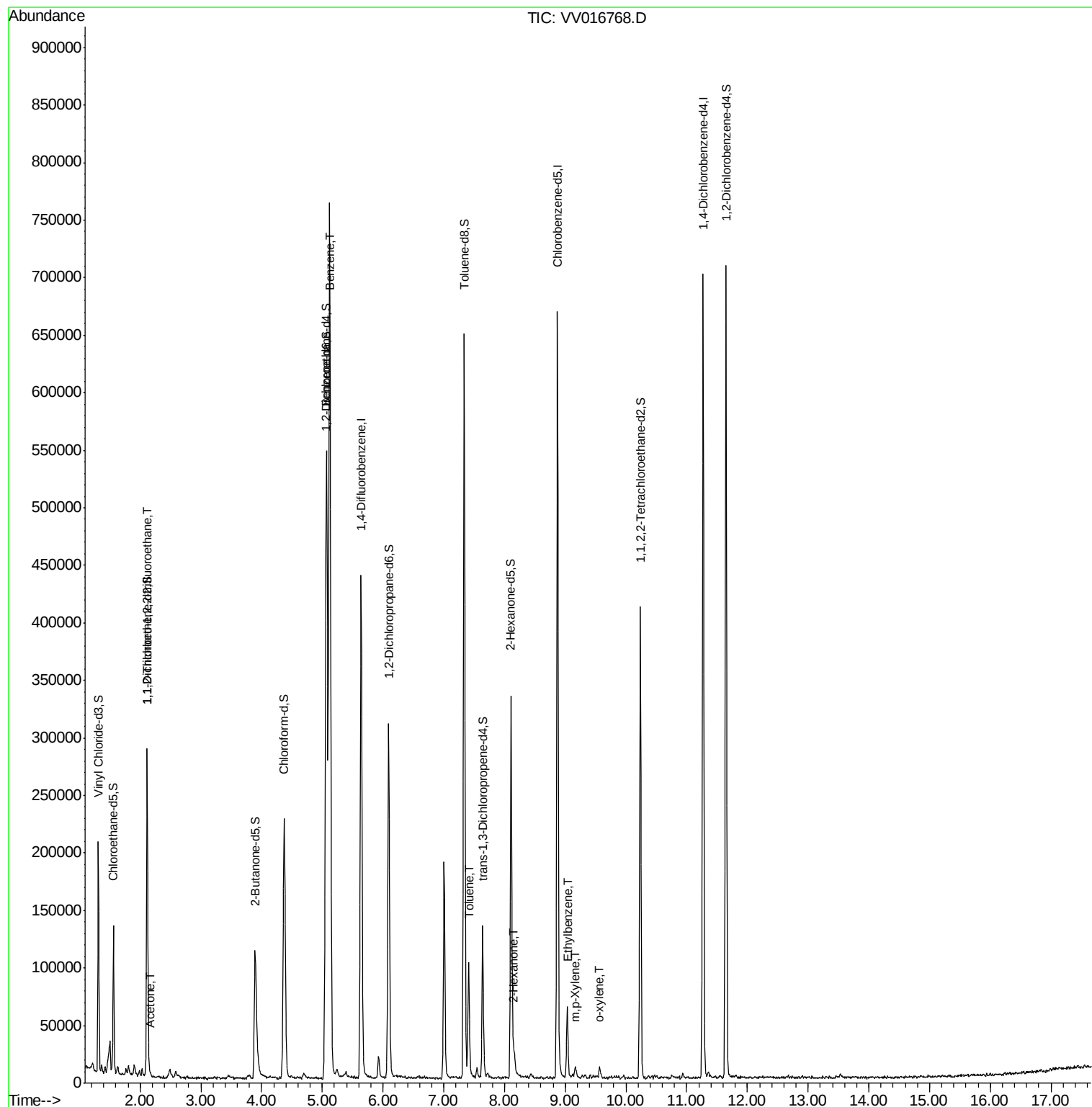
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1330	0.686 ug/L #	20
13) Acetone	2.17	43	1236	0.985 ug/L	55
33) Benzene	5.12	78	734395	72.356 ug/L	100
42) Toluene	7.41	91	69971	6.540 ug/L	99
48) 2-Hexanone	8.16	43	10983	3.787 ug/L #	86
52) Ethylbenzene	9.04	91	41531	3.504 ug/L	98
53) m,p-Xylene	9.16	106	2571	0.583 ug/L	85
54) o-xylene	9.57	106	2541	0.584 ug/L	78

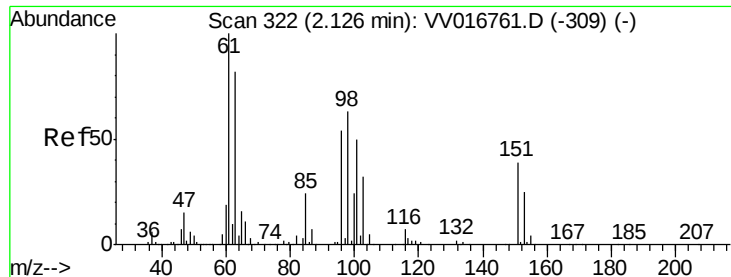
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jun 11 01:04:46 2020
Response via : Initial Calibration





#10

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

Concen: 0.686 ug/L

RT: 2.12 min Scan# 319

Delta R.T. -0.01 min

Lab File: VV016768.D

Acq: 10 Jun 2020 14:51

Instrument :

MSVOA_V

ClientSampled :

F9E14DL

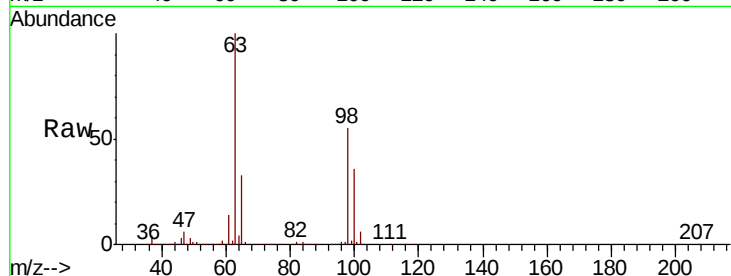
Tot Ion:101 Resp: 1330

Ion Ratio Lower Upper

101 100

85 4.7 35.5 53.3#

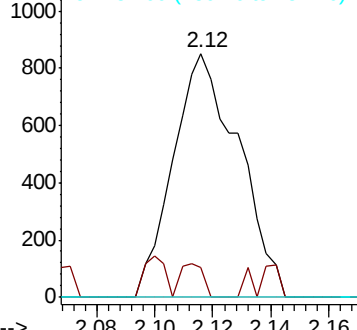
151 0.0 63.9 95.9#



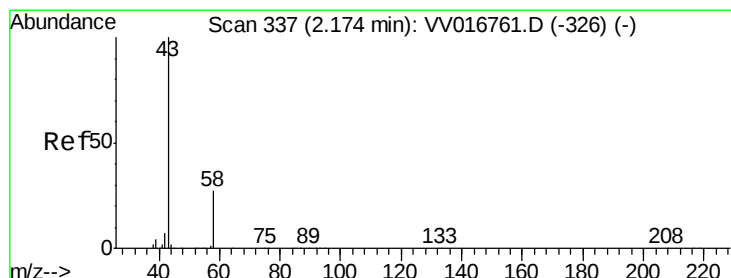
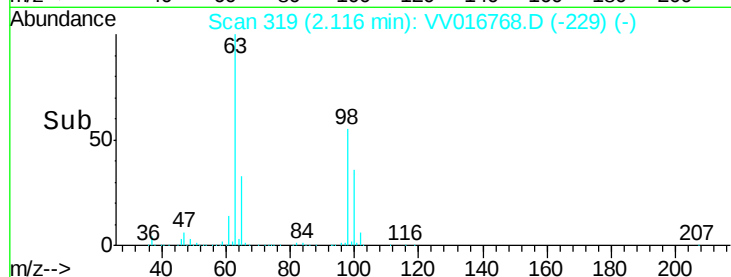
Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



Time-->



#13

Acetone

Concen: 0.985 ug/L

RT: 2.17 min Scan# 337

Delta R.T. -0.00 min

Lab File: VV016768.D

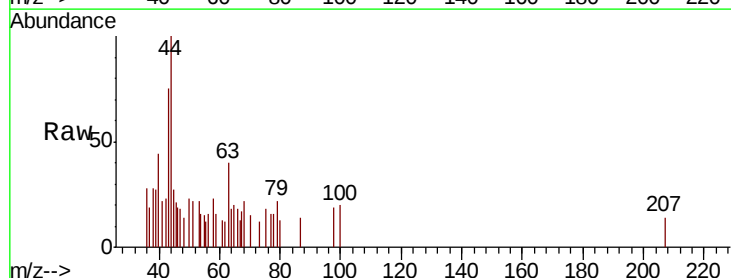
Acq: 10 Jun 2020 14:51

Tgt Ion: 43 Resp: 1236

Ion Ratio Lower Upper

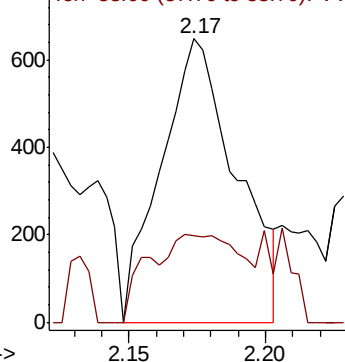
43 100

58 4.3 0.0 55.2

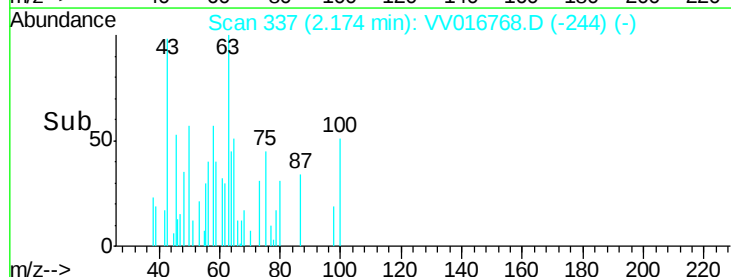


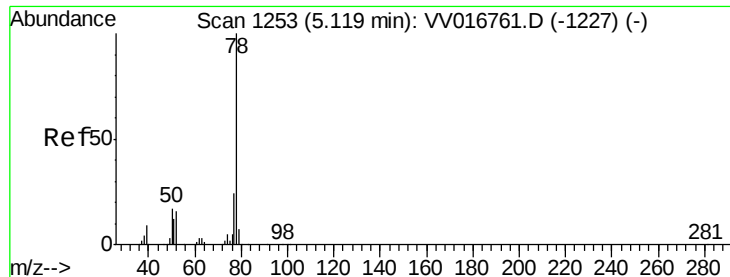
Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0



Time-->





#33

Benzene

Concen: 72.356 ug/L

RT: 5.12 min Scan# 1254

Delta R.T. 0.00 min

Lab File: VV016768.D

Acq: 10 Jun 2020 14:51

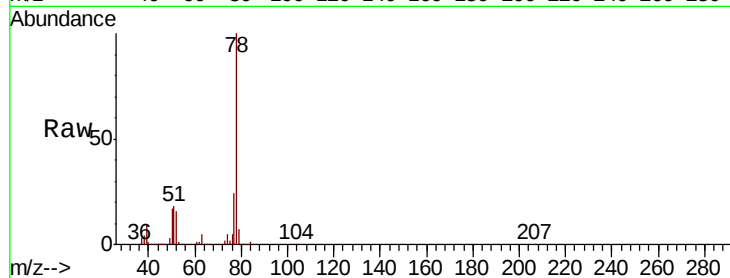
Instrument :

MSVOA_V

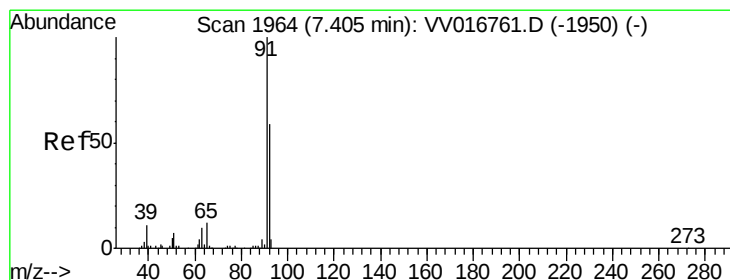
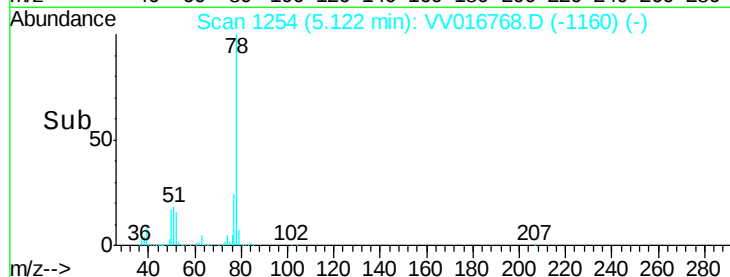
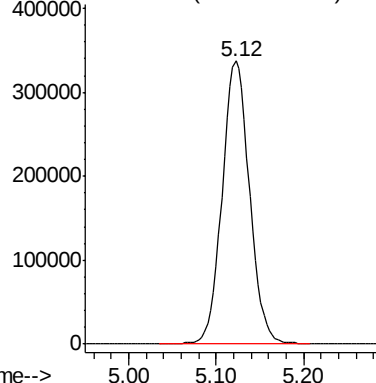
ClientSampleId :

F9E14DL

Tgt Ion: 78 Resp: 734395



Abundance Ion 78.00 (77.70 to 78.70): VV0



#42

Toluene

Concen: 6.540 ug/L

RT: 7.41 min Scan# 1966

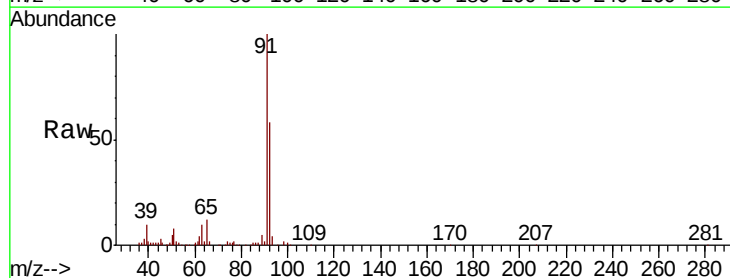
Delta R.T. 0.01 min

Lab File: VV016768.D

Acq: 10 Jun 2020 14:51

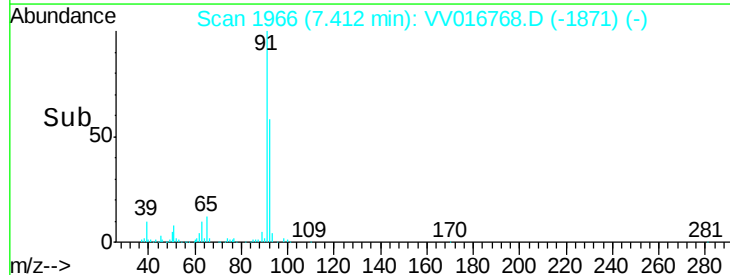
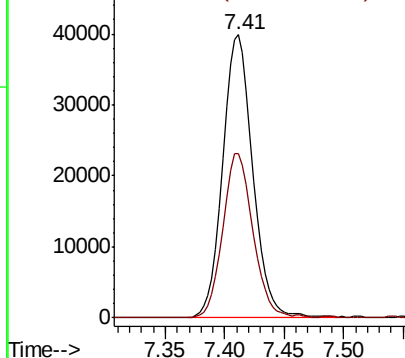
Tgt Ion: 91 Resp: 69971

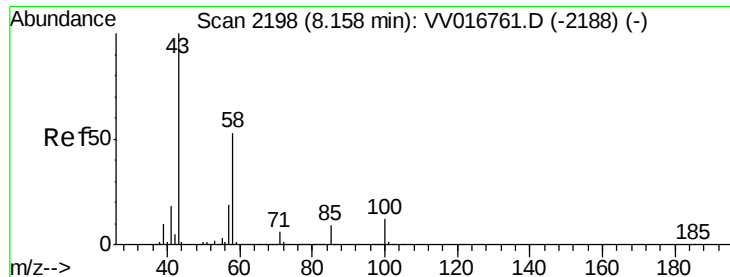
Ion	Ratio	Lower	Upper
91	100		
92	58.1	40.4	75.0



Abundance Ion 91.00 (90.70 to 91.70): VV0

Ion 92.00 (91.70 to 92.70): VV0

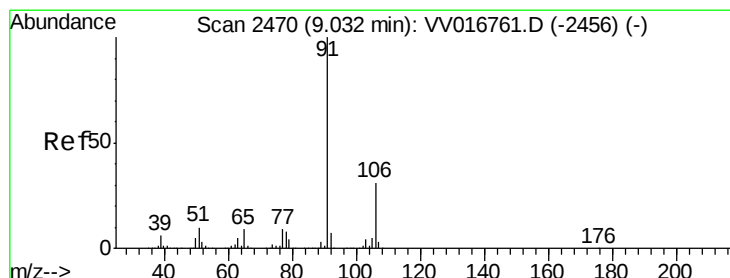
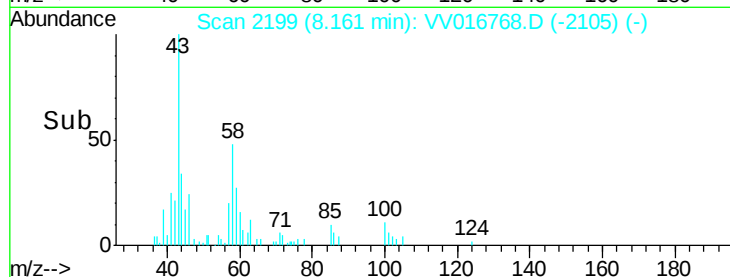
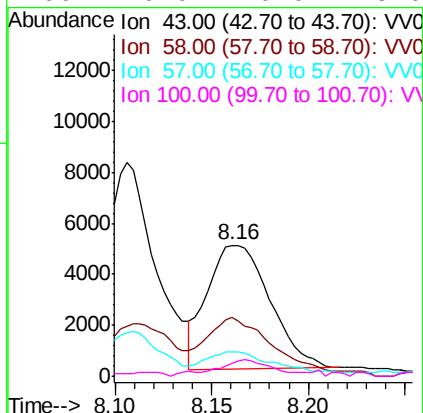
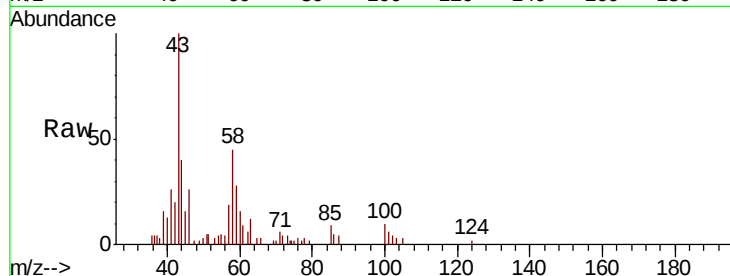




#48
2-Hexanone
Concen: 3.787 ug/L
RT: 8.16 min Scan# 2199
Delta R.T. 0.00 min
Lab File: VV016768.D
Acq: 10 Jun 2020 14:51

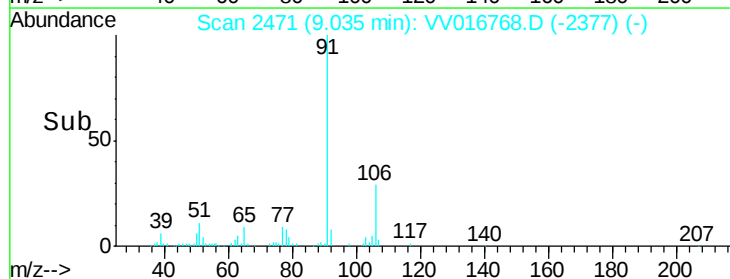
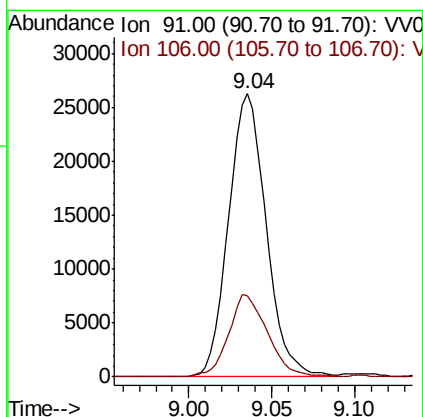
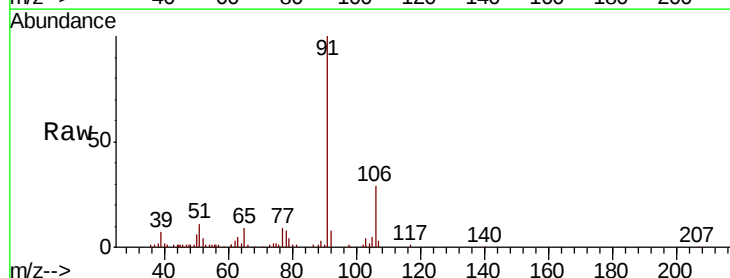
Instrument :
MSVOA_V
ClientSampleId :
F9E14DL

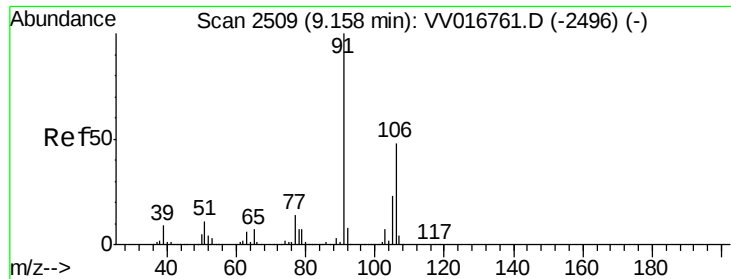
Tot Ion	Ratio	Lower	Upper
43	100		
58	44.8	43.1	64.7
57	8.0	15.3	22.9#
100	10.0	10.0	15.0#



#52
Ethylbenzene
Concen: 3.504 ug/L
RT: 9.04 min Scan# 2471
Delta R.T. 0.00 min
Lab File: VV016768.D
Acq: 10 Jun 2020 14:51

Tgt Ion	Ratio	Lower	Upper
91	100		
106	28.8	21.1	39.1





#53

m,p-Xylene

Concen: 0.583 ug/L

RT: 9.16 min Scan# 2510

Delta R.T. 0.00 min

Lab File: VV016768.D

Acq: 10 Jun 2020 14:51

Instrument :

MSVOA_V

ClientSampleId :

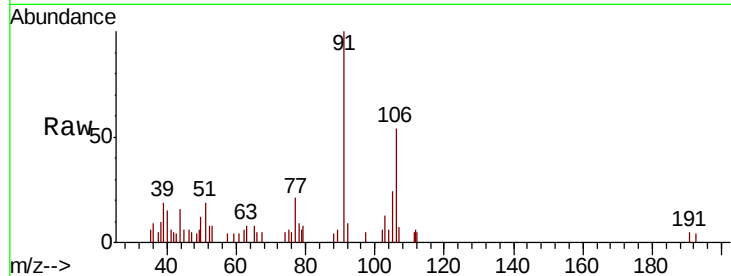
F9E14DL

Tot Ion:106 Resp: 2571

Ion Ratio Lower Upper

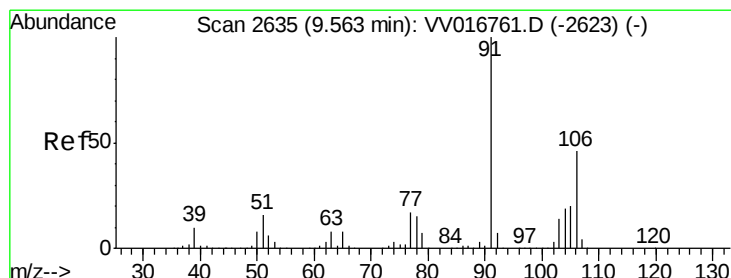
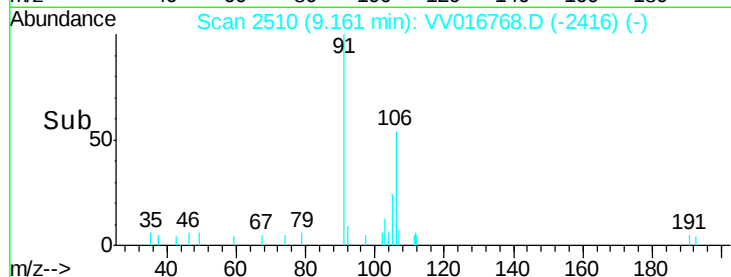
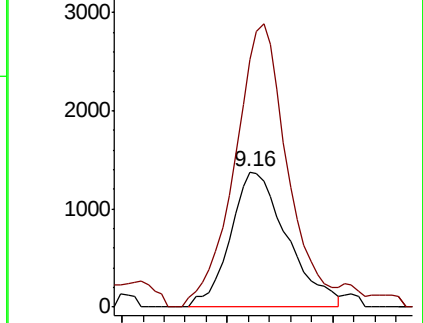
106 100

91 183.5 144.6 268.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0



#54

o-xylene

Concen: 0.584 ug/L

RT: 9.57 min Scan# 2636

Delta R.T. 0.00 min

Lab File: VV016768.D

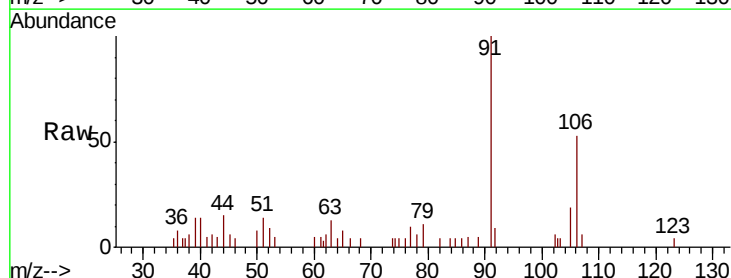
Acq: 10 Jun 2020 14:51

Tgt Ion:106 Resp: 2541

Ion Ratio Lower Upper

106 100

91 187.8 155.9 289.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0

