

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052920\
 Data File : VV016324.D
 Acq On : 29 May 2020 18:50
 Operator : SY/MD
 Sample : L2662-06DL 100X
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9B10DL

Quant Time: May 30 02:48:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat May 30 00:00:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	95705	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	89504	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	41389	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	28993	4.72	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.40%
7) Chloroethane-d5	1.58	69	22874	4.24	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.80%
11) 1,1-Dichloroethene-d2	2.12	63	39423	3.42	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.40%
20) 2-Butanone-d5	3.96	46	83638	54.86	ug/L	0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.72%
24) Chloroform-d	4.38	84	57086	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.20%
26) 1,2-Dichloroethane-d4	5.06	65	32087	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.00%
32) Benzene-d6	5.07	84	114733	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.40%
36) 1,2-Dichloropropane-d6	6.10	67	33911	4.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.80%
41) Toluene-d8	7.34	98	104685	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.00%
45) trans-1,3-Dichloropropene-	7.65	79	11836	4.63	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.60%
48) 2-Hexanone-d5	8.12	63	65392	55.76	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.52%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	24561	4.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.80%
65) 1,2-Dichlorobenzene-d4	11.65	152	37184	5.38	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.60%

Target Compounds

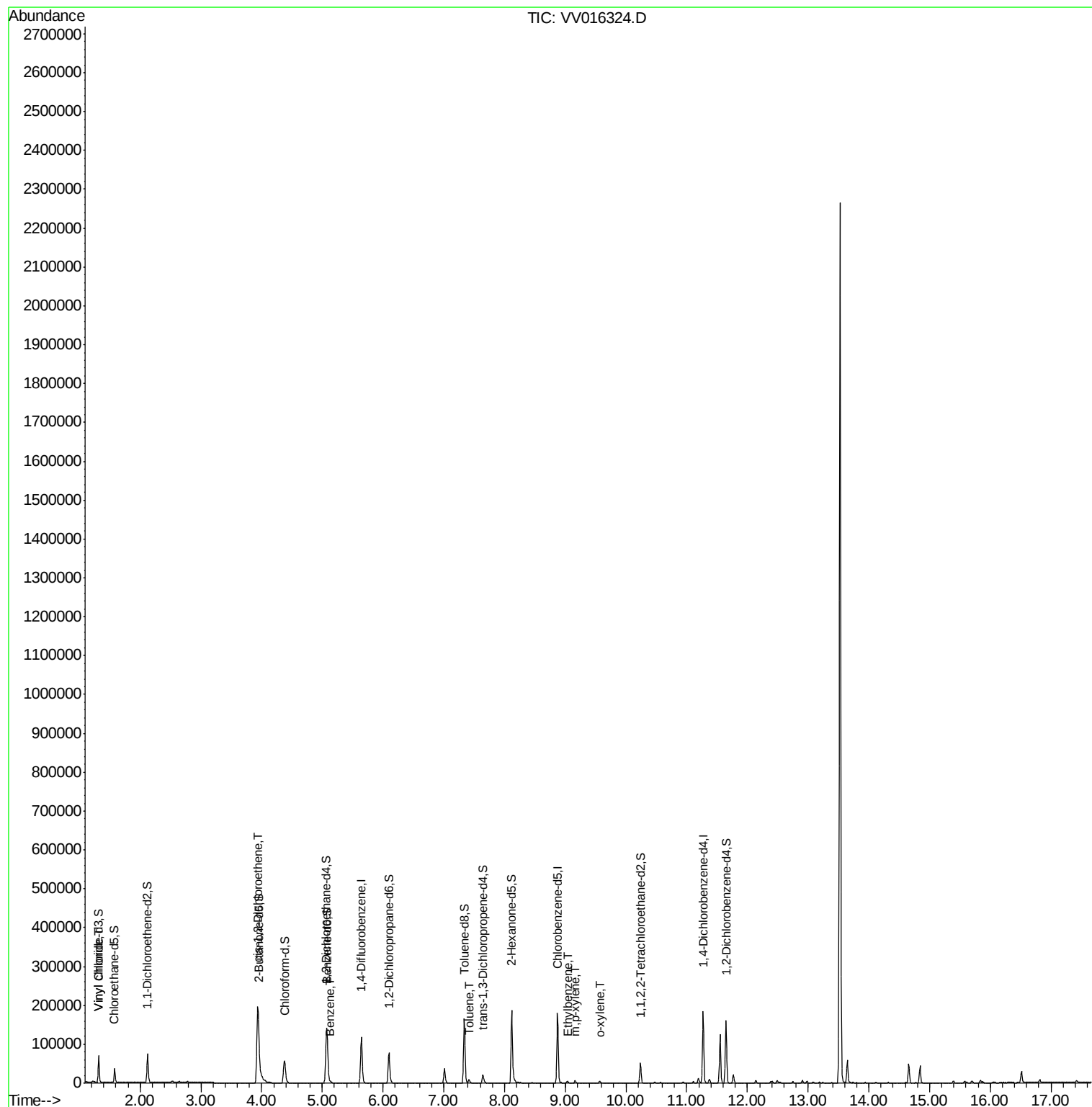
					Ovalue
5) Vinyl chloride	1.32	62	16031	1.913	ug/L 96
22) cis-1,2-Dichloroethene	3.94	96	93642	12.817	ug/L 97
33) Benzene	5.14	78	3814	0.148	ug/L 100
42) Toluene	7.41	91	6332	0.225	ug/L 94
54) Ethylbenzene	9.04	91	3981	0.127	ug/L 98
55) m,p-xylene	9.16	106	1769	0.151	ug/L 74
56) o-xylene	9.57	106	1140	0.102	ug/L 77

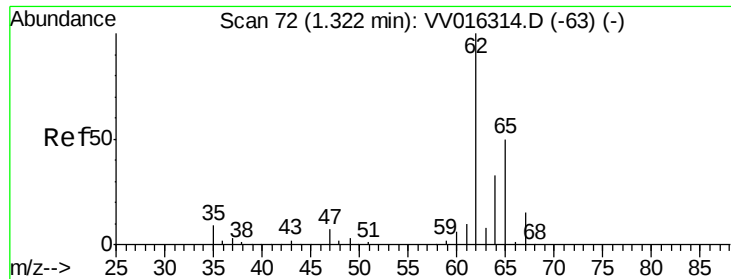
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 1.913 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.00 min

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Instrument :

MSVOA_V

ClientSampleID :

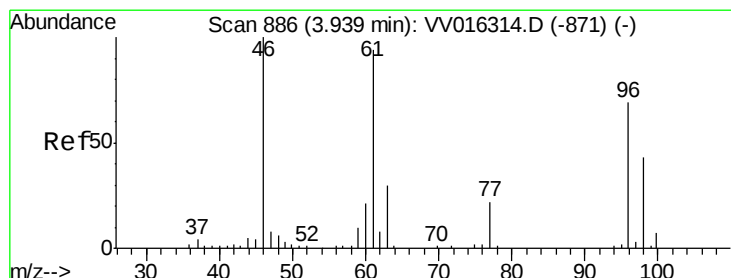
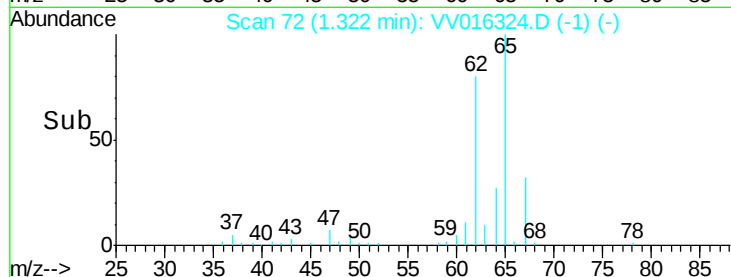
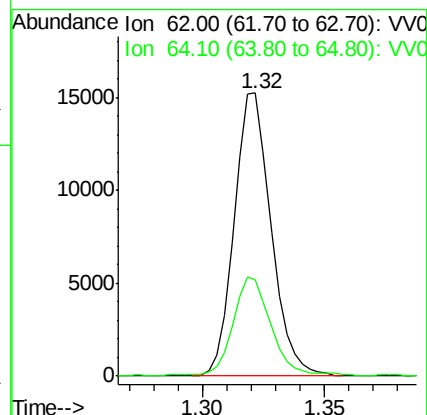
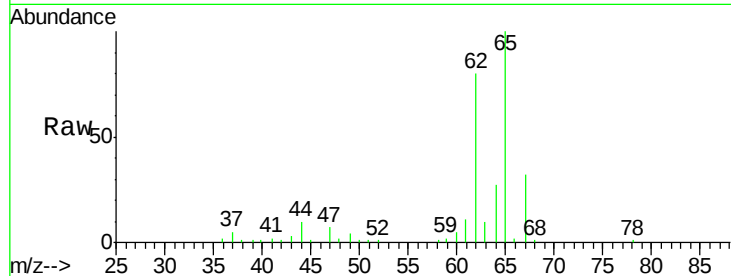
F9B10DL

Tot Ion: 62 Resp: 16031

Ion Ratio Lower Upper

62 100

64 33.9 22.1 41.1



#22

cis-1,2-Dichloroethene

Concen: 12.817 ug/L

RT: 3.94 min Scan# 886

Delta R.T. -0.00 min

Lab File: VV016324.D

Acq: 29 May 2020 18:50

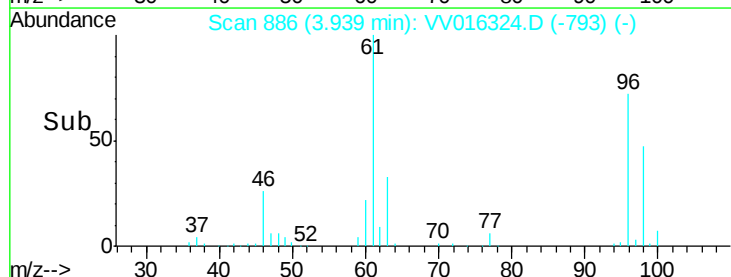
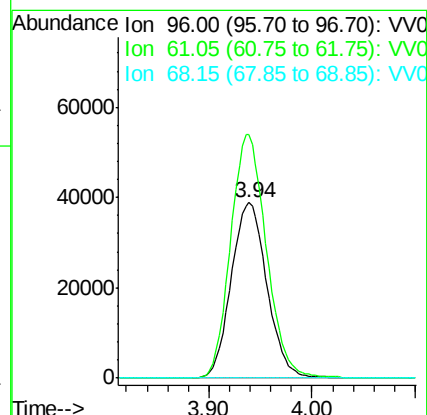
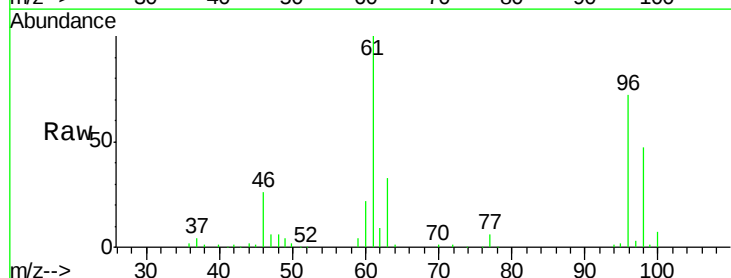
Tgt Ion: 96 Resp: 93642

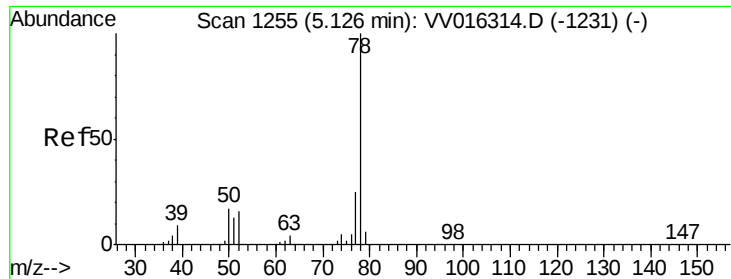
Ion Ratio Lower Upper

96 100

61 138.9 99.7 185.1

68 0.0 0.0 0.0





#33

Benzene

Concen: 0.148 ug/L

RT: 5.14 min Scan# 1258

Delta R.T. 0.01 min

Lab File: VV016324.D

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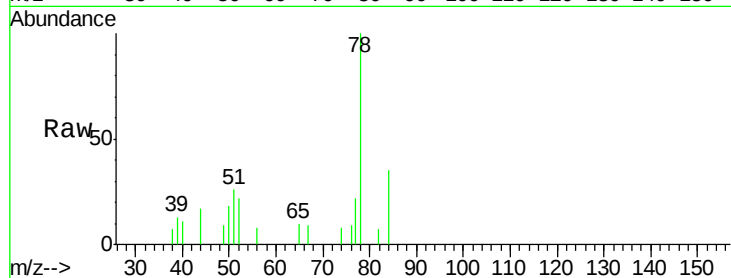
Instrument :

MSVOA_V

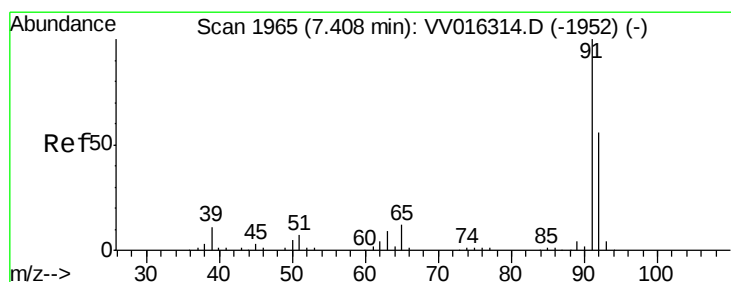
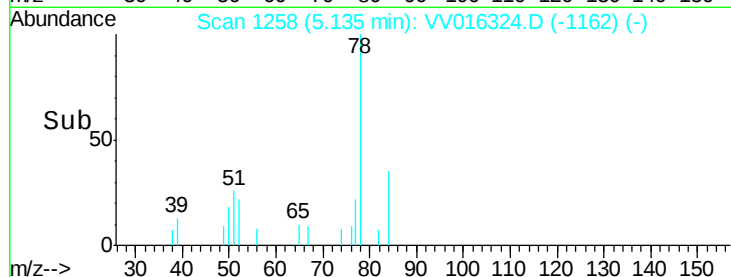
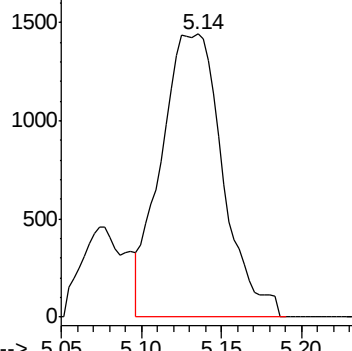
ClientSampleID :

F9B10DL

Tgt Ion: 78 Resp: 3814



Abundance Ion 78.10 (77.80 to 78.80): VV0



#42

Toluene

Concen: 0.225 ug/L

RT: 7.41 min Scan# 1967

Delta R.T. 0.01 min

Lab File: VV016324.D

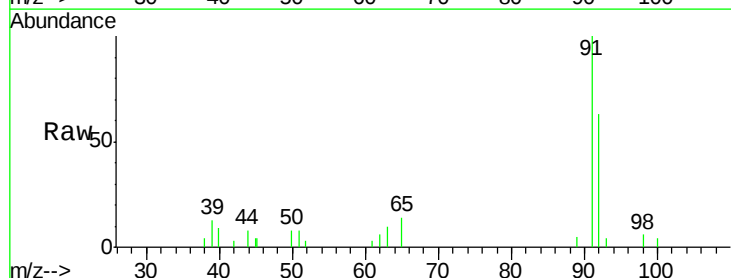
Acq: 29 May 2020 18:50

Tgt Ion: 91 Resp: 6332

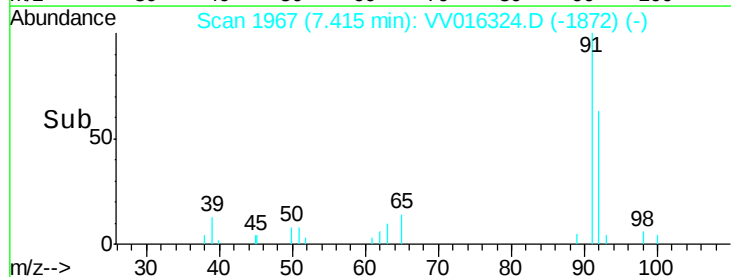
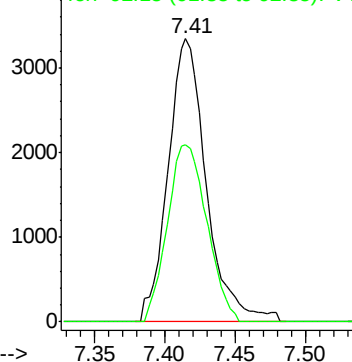
Ion Ratio Lower Upper

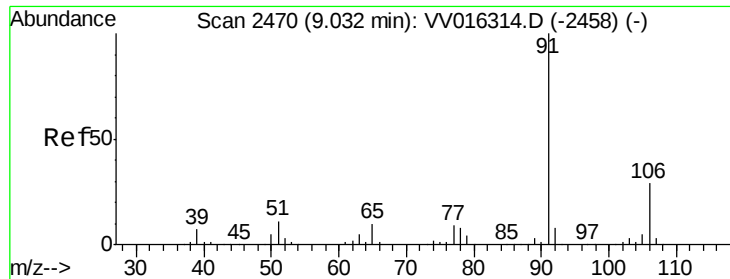
91 100

92 62.7 40.9 76.0



Abundance Ion 91.15 (90.85 to 91.85): VV0
Ion 92.15 (91.85 to 92.85): VV0

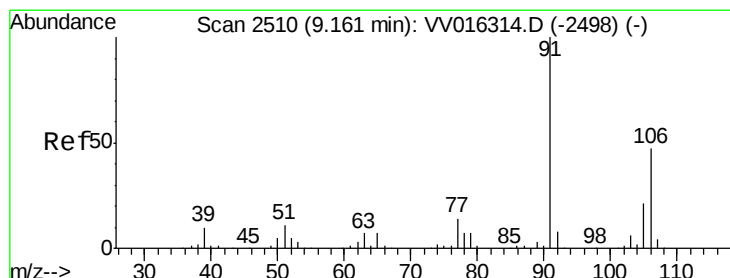
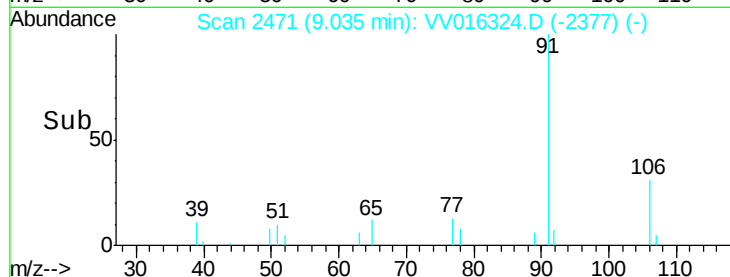
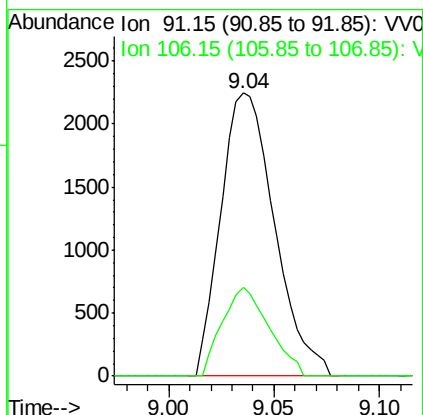
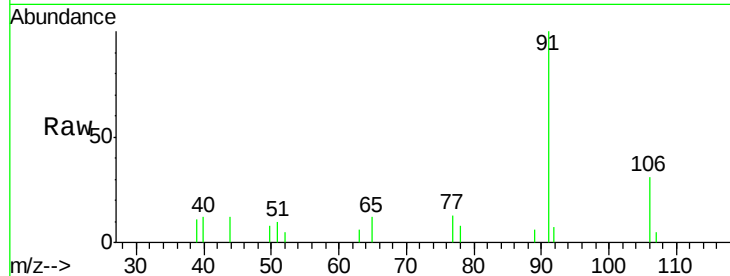




#54
Ethylbenzene
Concen: 0.127 ug/L
RT: 9.04 min Scan# 2471
Delta R.T. 0.00 min
Lab File: VV016324.D
Acq: 29 May 2020 18:50

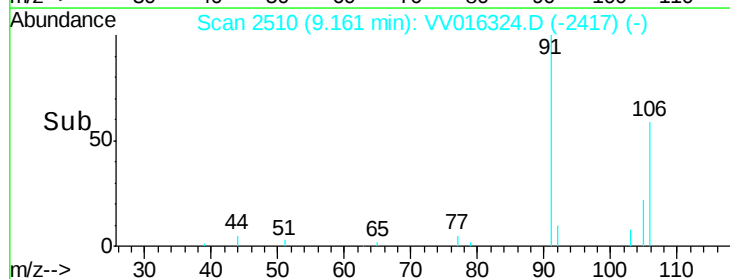
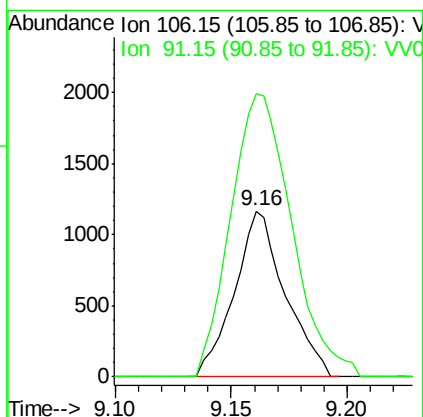
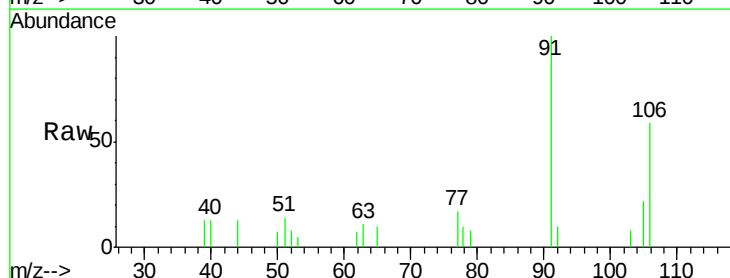
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F9B10DL

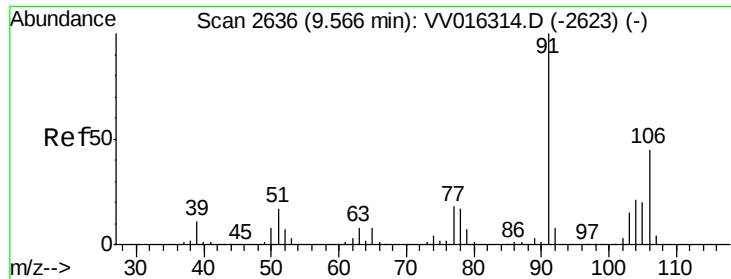
Tot Ion: 91 Resp: 3981
Ion Ratio Lower Upper
91 100
106 31.3 21.0 39.0



#55
m,p-xylene
Concen: 0.151 ug/L
RT: 9.16 min Scan# 2510
Delta R.T. -0.00 min
Lab File: VV016324.D
Acq: 29 May 2020 18:50

Tgt Ion: 106 Resp: 1769
Ion Ratio Lower Upper
106 100
91 170.3 148.1 275.0





#56
 o-xylene
 Concen: 0.102 ug/L
 RT: 9.57 min Scan# 2637
 Delta R.T. 0.00 min
 Lab File: VV016324.D
 Acq: 29 May 2020 18:50

Instrument :
 MSVOA_V
 ClientSampleId :
 F9B10DL

Tot Ion:106 Resp: 1140
 Ion Ratio Lower Upper
 106 100
 91 188.4 158.8 294.8

