

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031320\
 Data File : VV014902.D
 Acq On : 13 Mar 2020 14:00
 Operator : SY/MD
 Sample : L1840-08MS
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBES4MS

Quant Time: Mar 14 05:51:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM030620WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 14 03:23:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	389506	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	380557	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	185335	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	97863	37.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.26%
7) Chloroethane-d5	1.58	69	78591	37.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	75.42%
11) 1,1-Dichloroethene-d2	2.12	63	167462	38.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.46%
21) 2-Butanone-d5	3.93	46	149683	76.14	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	76.14%
24) Chloroform-d	4.38	84	219311	43.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.88%
26) 1,2-Dichloroethane-d4	5.06	65	148687	43.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.72%
32) Benzene-d6	5.08	84	447758	44.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.12%
36) 1,2-Dichloropropane-d6	6.10	67	136508	40.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	81.98%
41) Toluene-d8	7.34	98	428113	43.50	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.00%
43) trans-1,3-Dichloropropene-	7.64	79	63694	39.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.34%
47) 2-Hexanone-d5	8.12	63	124724	84.35	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	84.35%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	190367	41.55	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	83.10%
64) 1,2-Dichlorobenzene-d4	11.65	152	178180	48.51	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.02%

Target Compounds

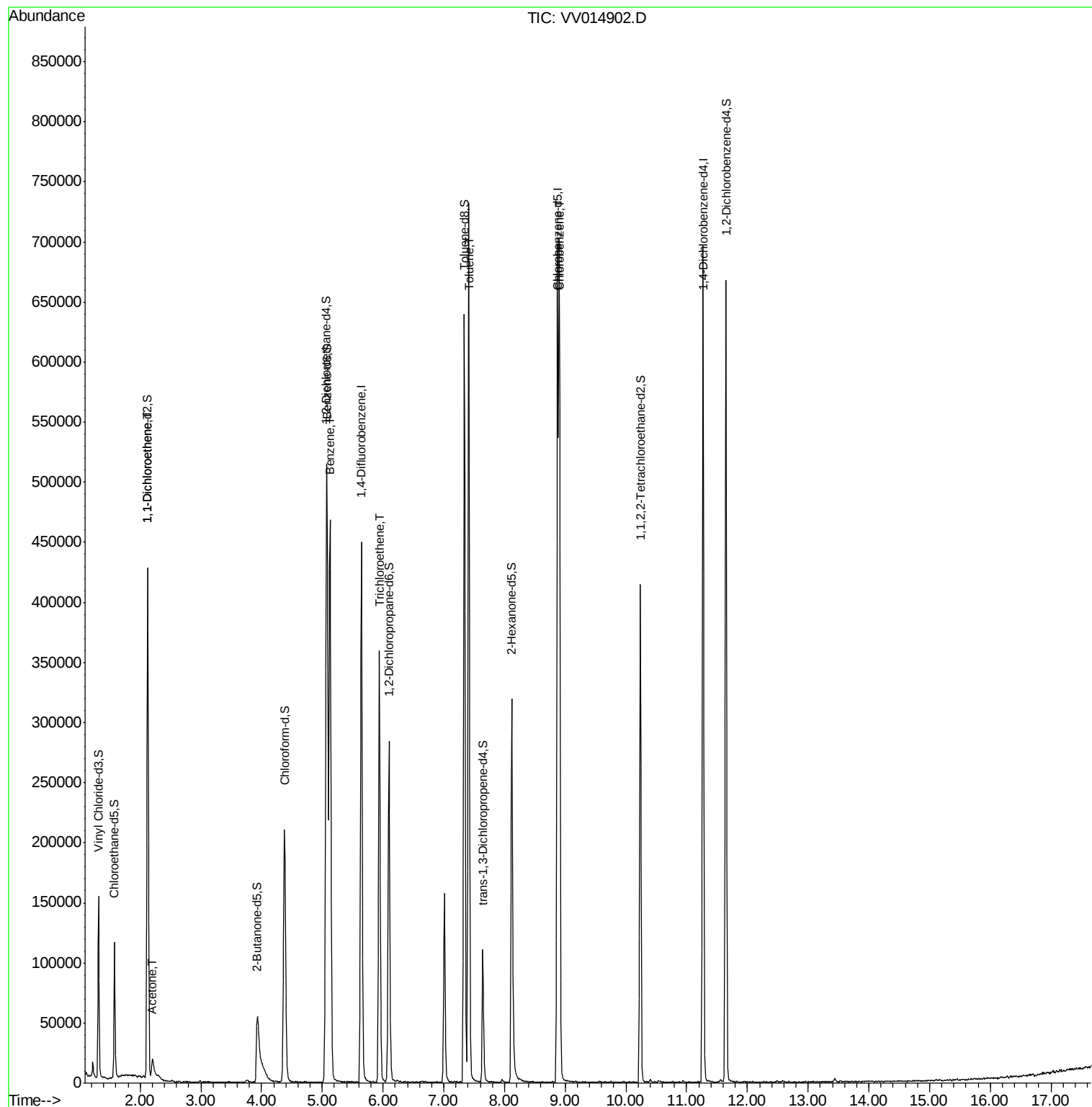
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.13	96	81512	38.523	ug/L	95
13) Acetone	2.20	43	32091	19.551	ug/L	90
33) Benzene	5.13	78	480580	43.590	ug/L	100
34) Trichloroethene	5.94	95	124035	43.050	ug/L	95
42) Toluene	7.41	91	535984	44.067	ug/L	98
51) Chlorobenzene	8.90	112	370781	47.379	ug/L	96

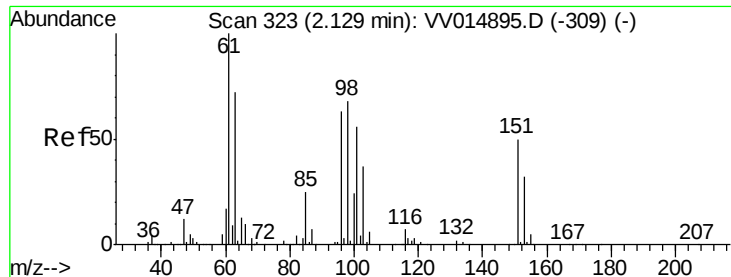
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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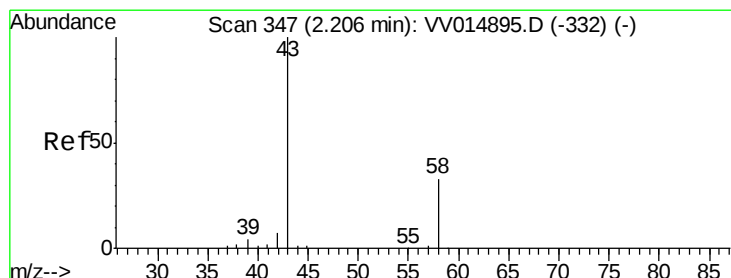
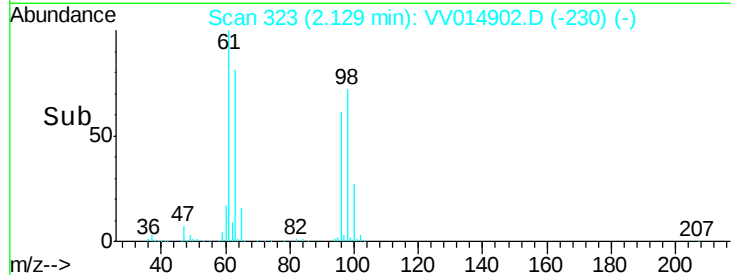
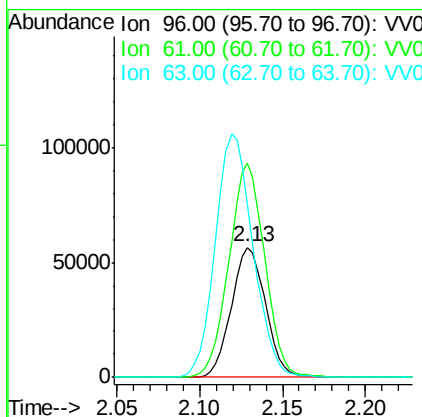
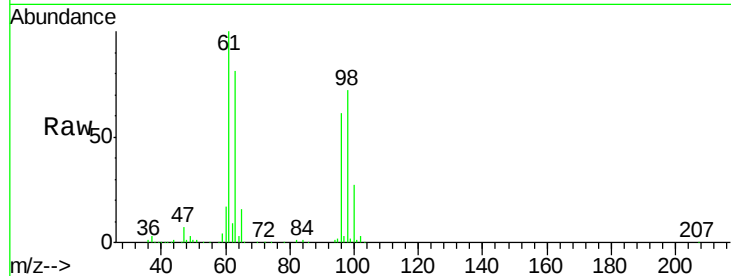




#12
 1,1-Dichloroethene
 Concen: 38.523 ug/L
 RT: 2.13 min Scan# 323
 Delta R.T. -0.00 min
 Lab File: VV014902.D
 Acq: 13 Mar 2020 14:00

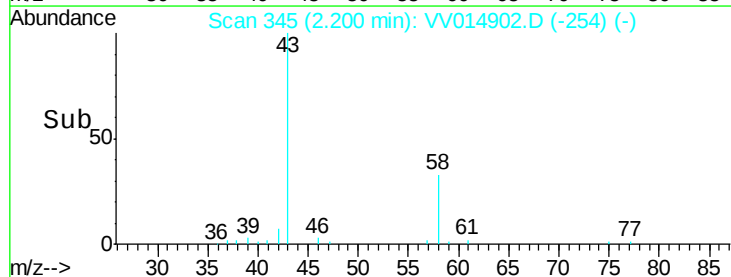
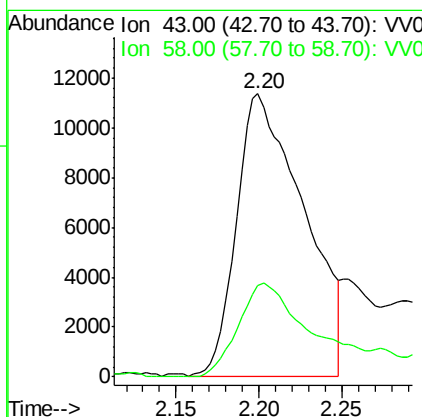
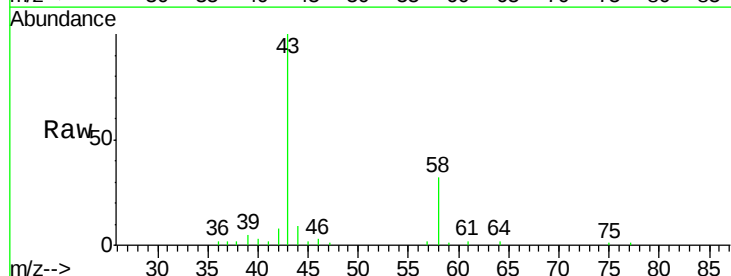
Instrument :
 MSVOA_V
 ClientSampleId :
 DBES4MS

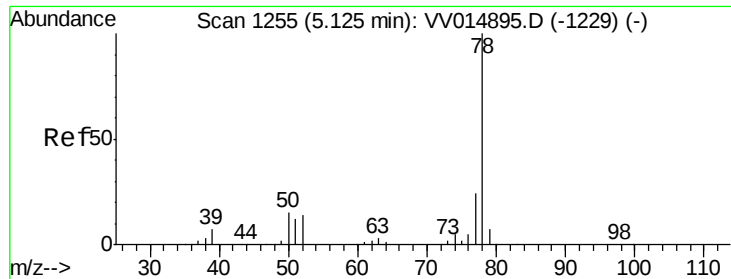
Tot Ion	Resp	Lower	Upper
96	100		
61	165.1	118.4	220.0
63	133.7	88.4	164.2



#13
 Acetone
 Concen: 19.551 ug/L
 RT: 2.20 min Scan# 345
 Delta R.T. -0.01 min
 Lab File: VV014902.D
 Acq: 13 Mar 2020 14:00

Tgt Ion	Resp	Lower	Upper
43	100		
58	36.5	0.0	62.2





#33

Benzene

Concen: 43.590 ug/L

RT: 5.13 min Scan# 1255

Delta R.T. -0.00 min

Lab File: VV014902.D

Acq: 13 Mar 2020 14:00

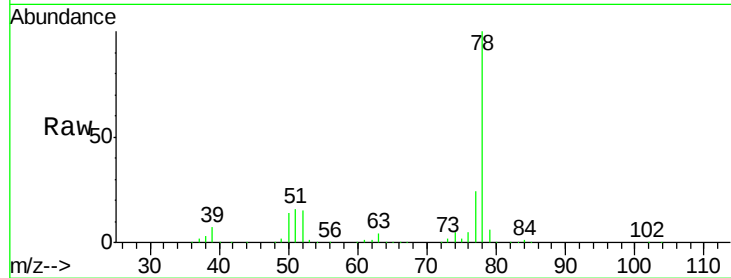
Instrument :

MSVOA_V

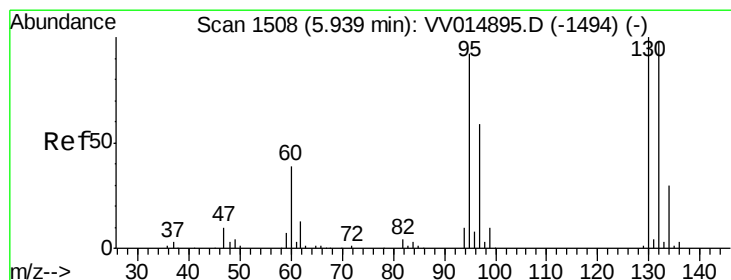
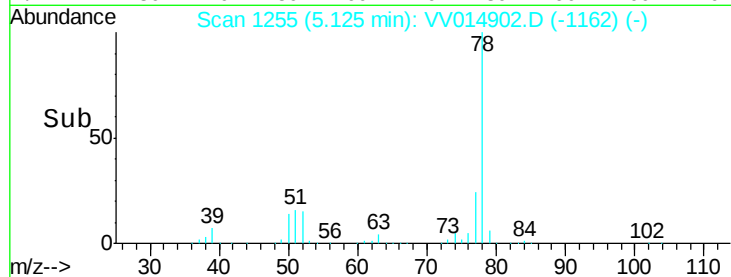
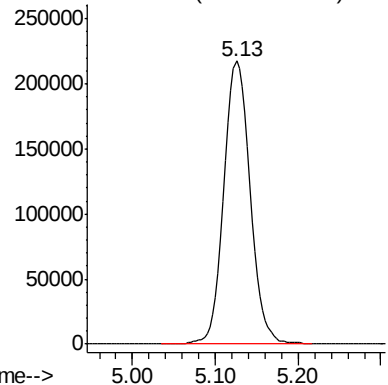
ClientSampleId :

DBES4MS

Tgt Ion: 78 Resp: 480580



Abundance Ion 78.00 (77.70 to 78.70): VV0



#34

Trichloroethene

Concen: 43.050 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. -0.00 min

Lab File: VV014902.D

Acq: 13 Mar 2020 14:00

Tgt Ion: 95 Resp: 124035

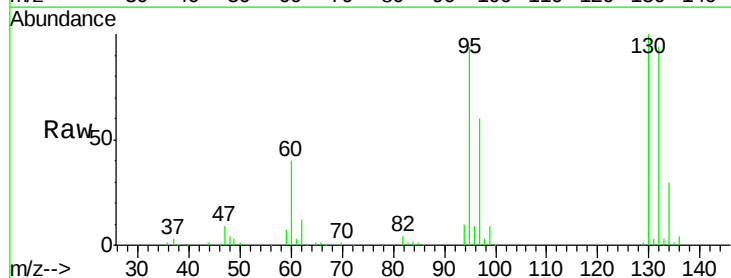
Ion	Ratio	Lower	Upper
95	100		
97	64.7	43.8	81.4
132	100.3	65.8	122.2
130	106.9	70.6	131.2

95 100

97 64.7 43.8 81.4

132 100.3 65.8 122.2

130 106.9 70.6 131.2



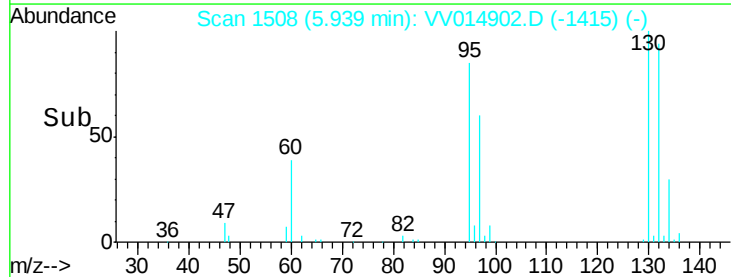
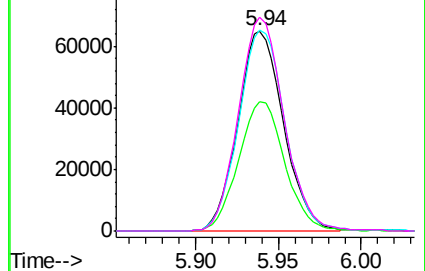
Abundance Ion 95.00 (94.70 to 95.70): VV0

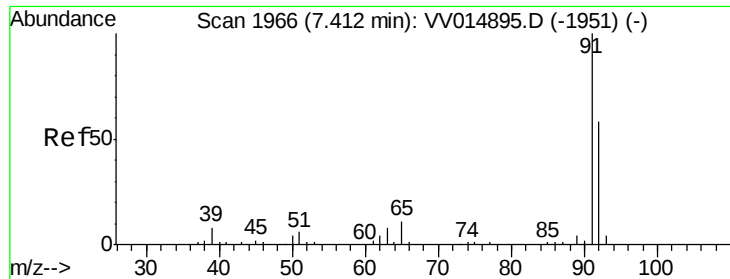
Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): VV0

Ion 130.00 (129.70 to 130.70): VV0

5.94





#42

Toluene

Concen: 44.067 ug/L

RT: 7.41 min Scan# 1966

Delta R.T. -0.00 min

Lab File: VV014902.D

Acq: 13 Mar 2020 14:00

Instrument :

MSVOA_V

ClientSampleId :

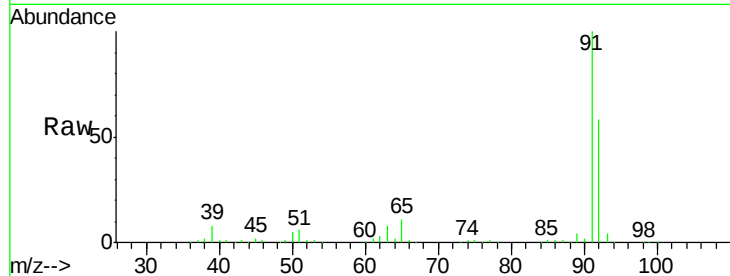
DBES4MS

Tot Ion: 91 Resp: 535984

Ion Ratio Lower Upper

91 100

92 58.5 40.1 74.5



Abundance Ion 91.00 (90.70 to 91.70): VV014895.D (-1951) (-)

Ion 92.00 (91.70 to 92.70): VV014895.D (-1951) (-)

7.41

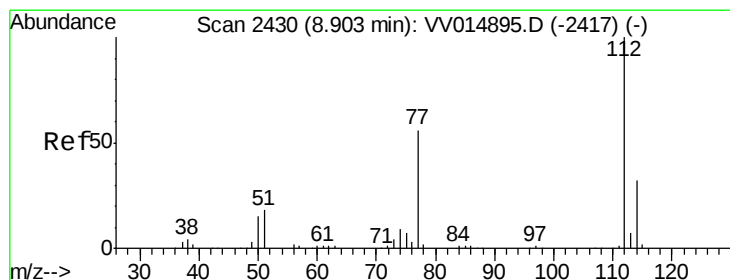
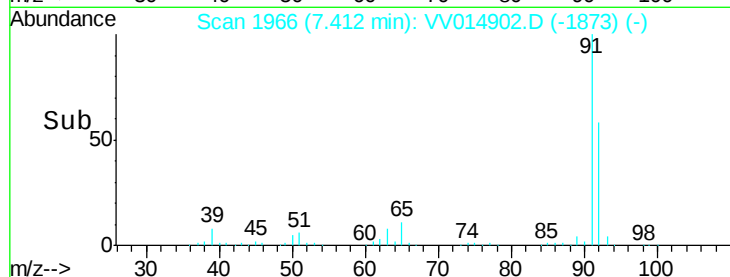
300000

200000

100000

0

Time-->



#51

Chlorobenzene

Concen: 47.379 ug/L

RT: 8.90 min Scan# 2430

Delta R.T. -0.00 min

Lab File: VV014902.D

Acq: 13 Mar 2020 14:00

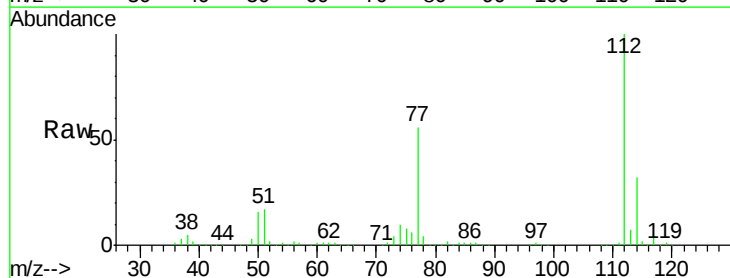
Tgt Ion: 112 Resp: 370781

Ion Ratio Lower Upper

112 100

114 31.7 22.1 41.1

77 55.7 47.8 71.8



Abundance Ion 112.00 (111.70 to 112.70): VV014895.D (-2417) (-)

Ion 114.00 (113.70 to 114.70): VV014895.D (-2417) (-)

Ion 77.00 (76.70 to 77.70): VV014895.D (-2417) (-)

8.90

300000

250000

200000

150000

100000

50000

0

Time-->

