

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031220\
 Data File : VV014892.D
 Acq On : 13 Mar 2020 01:06
 Operator : SY/MD
 Sample : L1890-09
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0DB2

Quant Time: Mar 13 05:42:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM030620WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 13 04:10:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	379426	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	368610	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	174425	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	97287	37.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.78%
7) Chloroethane-d5	1.58	69	80793	39.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.60%
11) 1,1-Dichloroethene-d2	2.12	63	126326	29.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.22%#
21) 2-Butanone-d5	3.94	46	138598	72.37	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	72.37%
24) Chloroform-d	4.38	84	217789	44.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.58%
26) 1,2-Dichloroethane-d4	5.06	65	152692	46.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.48%
32) Benzene-d6	5.08	84	452188	46.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.92%
36) 1,2-Dichloropropane-d6	6.10	67	139146	43.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.26%
41) Toluene-d8	7.34	98	431600	45.28	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.56%
43) trans-1,3-Dichloropropene-	7.64	79	58351	37.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.10%
47) 2-Hexanone-d5	8.12	63	132484	92.50	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.50%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	199341	44.92	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.84%
64) 1,2-Dichlorobenzene-d4	11.65	152	173119	50.08	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.16%

Target Compounds

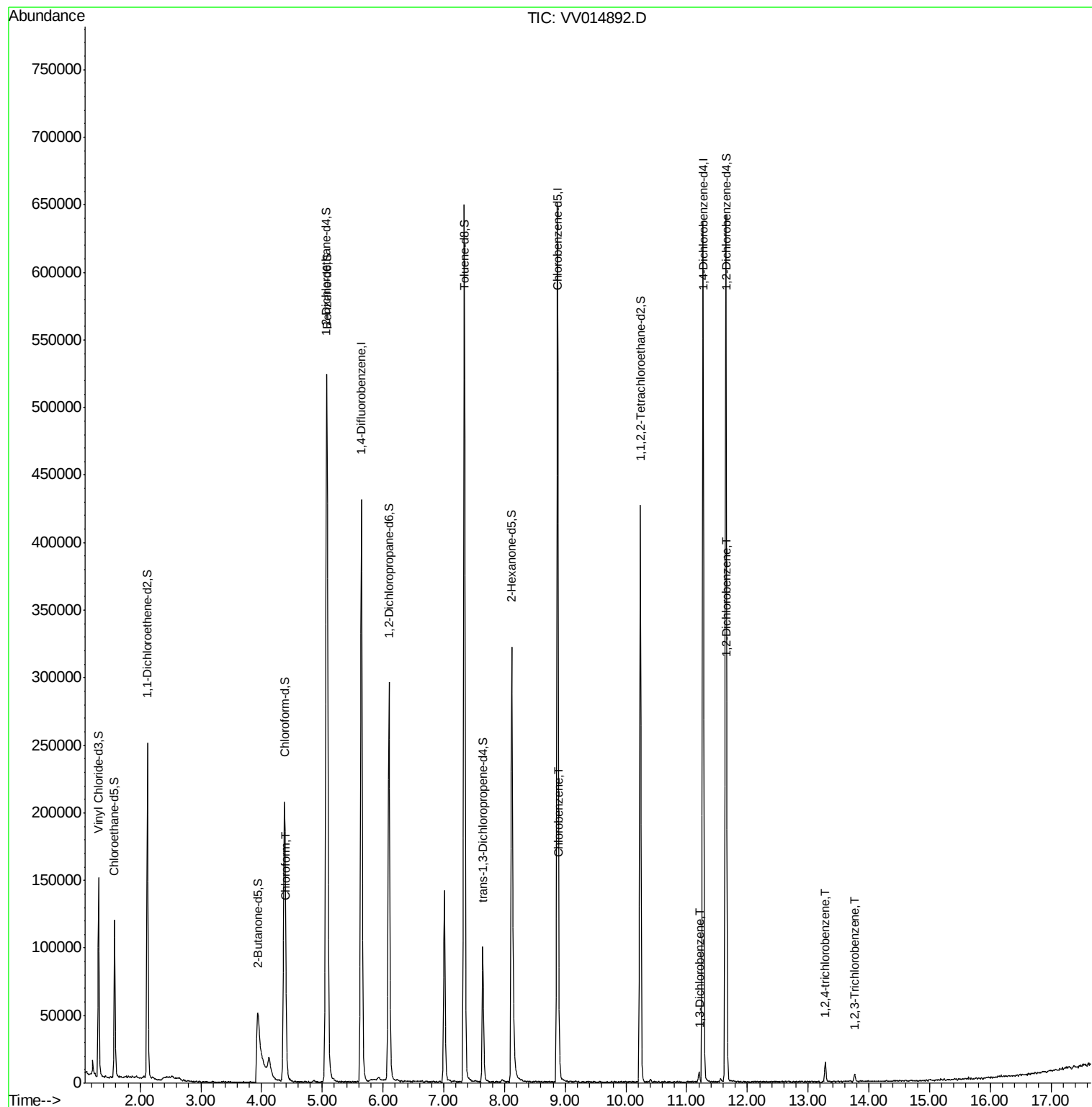
					Ovalue
25) Chloroform	4.41	83	8335	1.618 ug/L	81
51) Chlorobenzene	8.90	112	5149	0.679 ug/L #	85
62) 1,3-Dichlorobenzene	11.21	146	3406	0.604 ug/L	95
65) 1,2-Dichlorobenzene	11.67	146	8221	1.464 ug/L	96
68) 1,2,4-trichlorobenzene	13.28	180	4877	1.216 ug/L	94
70) 1,2,3-Trichlorobenzene	13.77	180	2005	0.502 ug/L	90

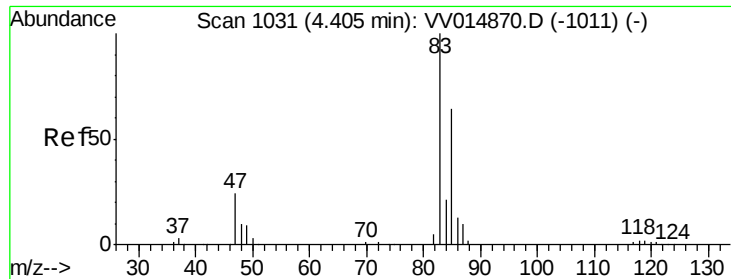
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Mar 13 04:10:22 2020
Response via : Initial Calibration

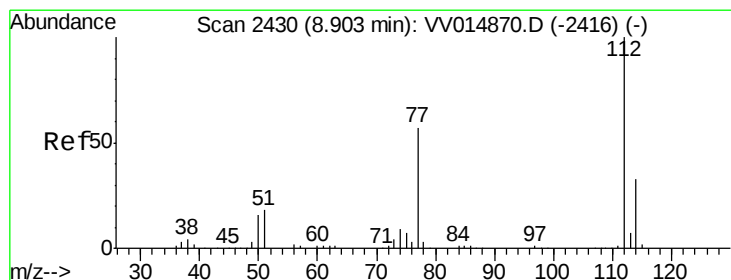
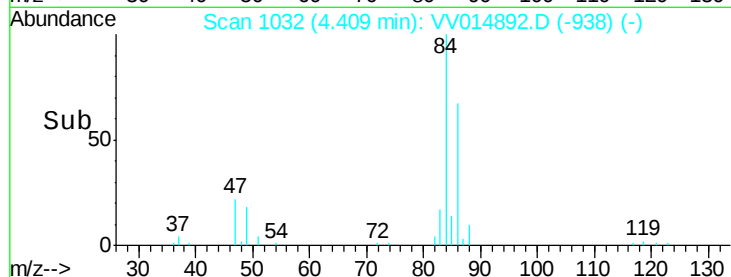
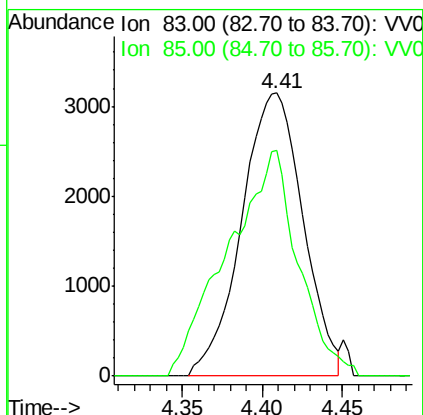
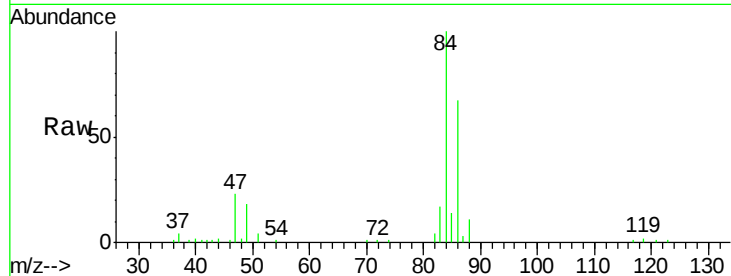




#25
Chloroform
Concen: 1.618 ug/L
RT: 4.41 min Scan# 1032
Delta R.T. 0.00 min
Lab File: VV014892.D
Acq: 13 Mar 2020 01:06

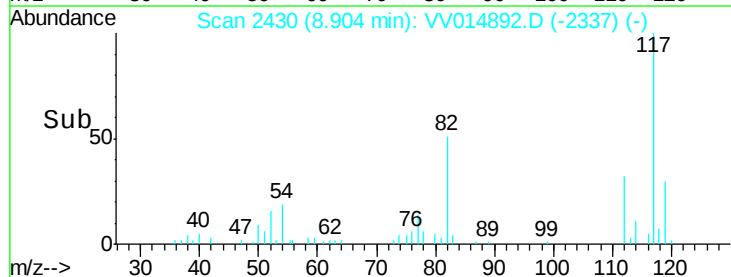
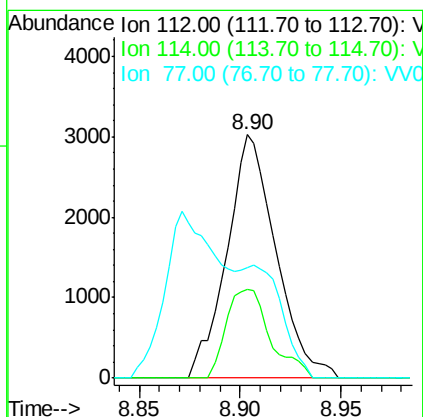
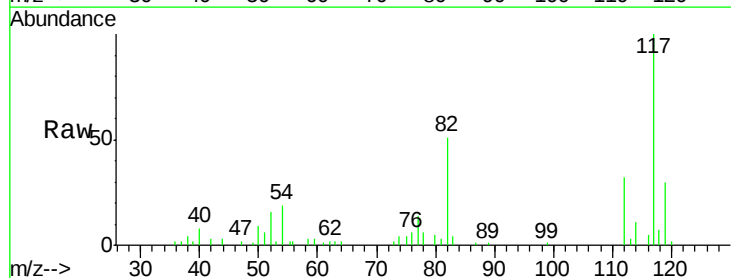
Instrument :
MSVOA_V
ClientSampleId :
C0DB2

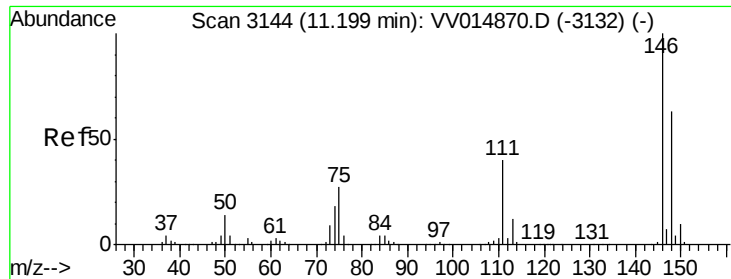
Tot Ion: 83 Resp: 8335
Ion Ratio Lower Upper
83 100
85 79.7 45.1 83.9



#51
Chlorobenzene
Concen: 0.679 ug/L
RT: 8.90 min Scan# 2430
Delta R.T. 0.00 min
Lab File: VV014892.D
Acq: 13 Mar 2020 01:06

Tgt Ion: 112 Resp: 5149
Ion Ratio Lower Upper
112 100
114 36.3 22.1 41.1
77 45.4 47.8 71.8#





#62

1,3-Dichlorobenzene

Concen: 0.604 ug/L

RT: 11.21 min Scan# 3146

Delta R.T. 0.01 min

Lab File: VV014892.D

Acq: 13 Mar 2020 01:06

Instrument :

MSVOA_V

ClientSampleId :

C0DB2

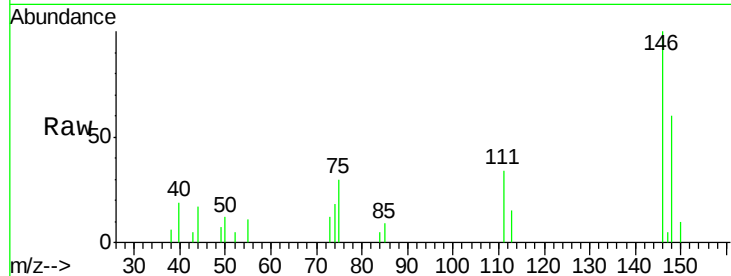
Tot Ion:146 Resp: 3406

Ion Ratio Lower Upper

146 100

111 34.0 27.2 50.4

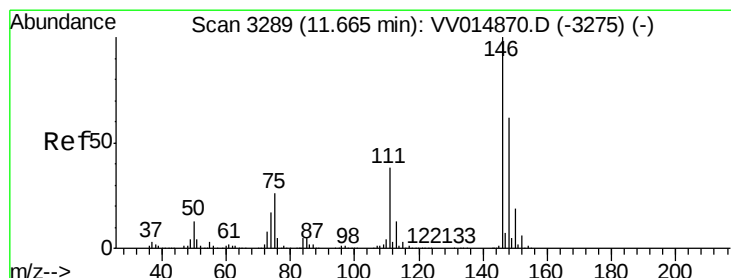
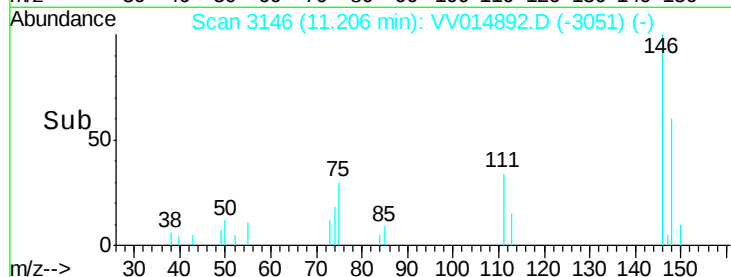
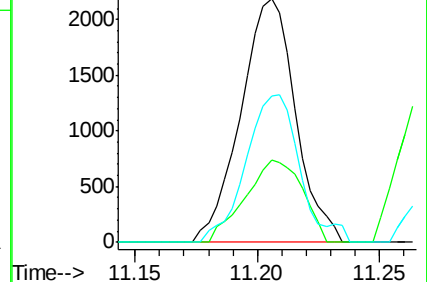
148 60.2 44.2 82.2



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#65

1,2-Dichlorobenzene

Concen: 1.464 ug/L

RT: 11.67 min Scan# 3290

Delta R.T. 0.00 min

Lab File: VV014892.D

Acq: 13 Mar 2020 01:06

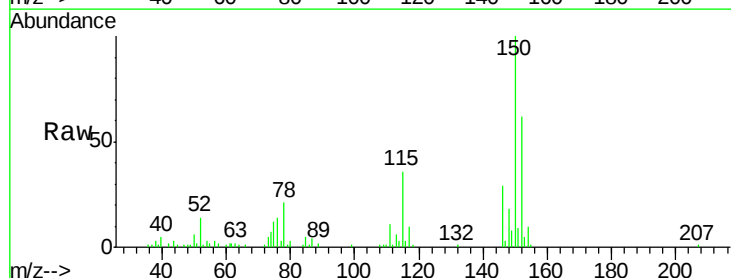
Tgt Ion:146 Resp: 8221

Ion Ratio Lower Upper

146 100

111 38.4 33.9 50.9

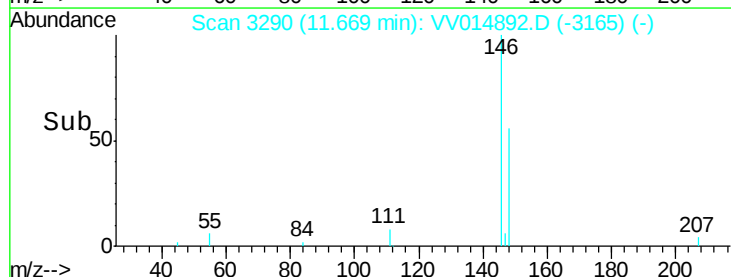
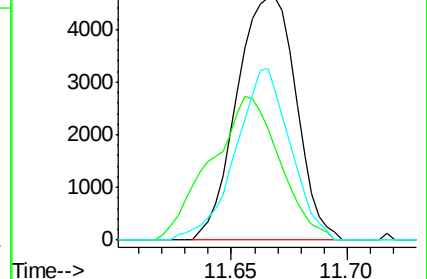
148 62.4 51.4 77.0

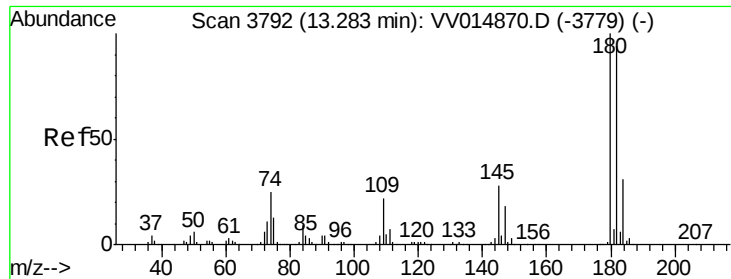


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

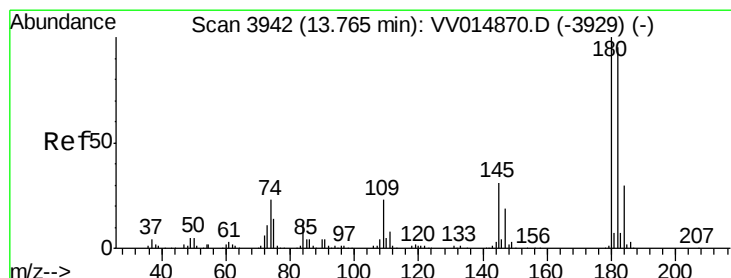
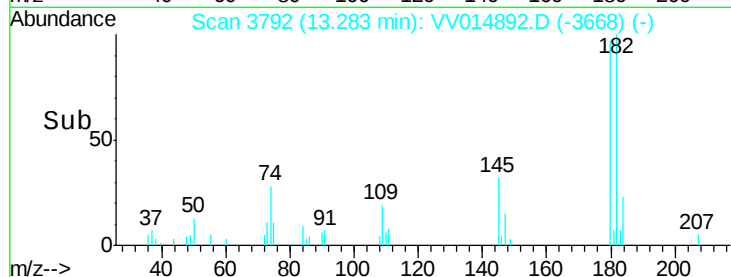
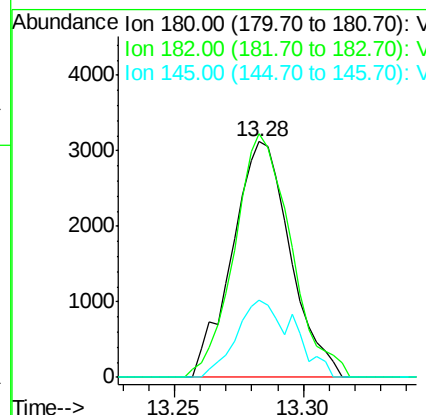
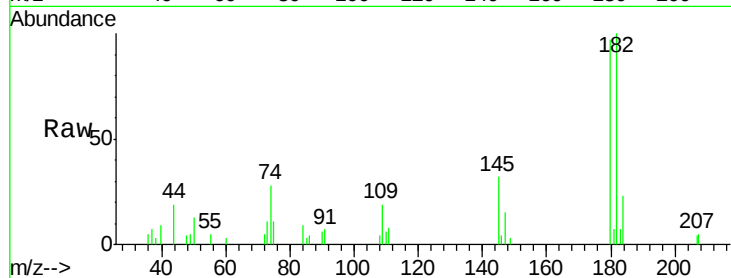




#68
 1,2,4-trichlorobenzene
 Concen: 1.216 ug/L
 RT: 13.28 min Scan# 3792
 Delta R.T. 0.00 min
 Lab File: VV014892.D
 Acq: 13 Mar 2020 01:06

Instrument :
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 C0DB2

Tot Ion:180 Resp: 4877
 Ion Ratio Lower Upper
 180 100
 182 100.5 76.6 114.8
 145 24.2 23.4 35.0



#70
 1,2,3-Trichlorobenzene
 Concen: 0.502 ug/L
 RT: 13.77 min Scan# 3942
 Delta R.T. 0.00 min
 Lab File: VV014892.D
 Acq: 13 Mar 2020 01:06

Tgt Ion:180 Resp: 2005
 Ion Ratio Lower Upper
 180 100
 182 83.4 76.5 114.7
 145 30.5 25.0 37.4

