

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031020\
 Data File : VV014808.D
 Acq On : 10 Mar 2020 17:50
 Operator : SY/MD
 Sample : L1834-19DL 40X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0DL2DL

Quant Time: Mar 11 04:21:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM030620WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 11 03:49:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	394043	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	387493	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	194522	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	97842	36.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.38%
7) Chloroethane-d5	1.58	69	82504	39.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	78.28%
11) 1,1-Dichloroethene-d2	2.12	63	135474	30.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.14%
21) 2-Butanone-d5	3.93	46	162238	81.57	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	81.57%
24) Chloroform-d	4.38	84	229066	45.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.74%
26) 1,2-Dichloroethane-d4	5.06	65	157526	45.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.86%
32) Benzene-d6	5.08	84	476432	46.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.14%
36) 1,2-Dichloropropane-d6	6.10	67	149211	44.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.00%
41) Toluene-d8	7.34	98	452953	45.20	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.40%
43) trans-1,3-Dichloropropene-	7.64	79	69144	41.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.52%
47) 2-Hexanone-d5	8.12	63	152893	101.55	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.55%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	211452	45.33	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.66%
64) 1,2-Dichlorobenzene-d4	11.65	152	191364	49.63	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.26%

Target Compounds

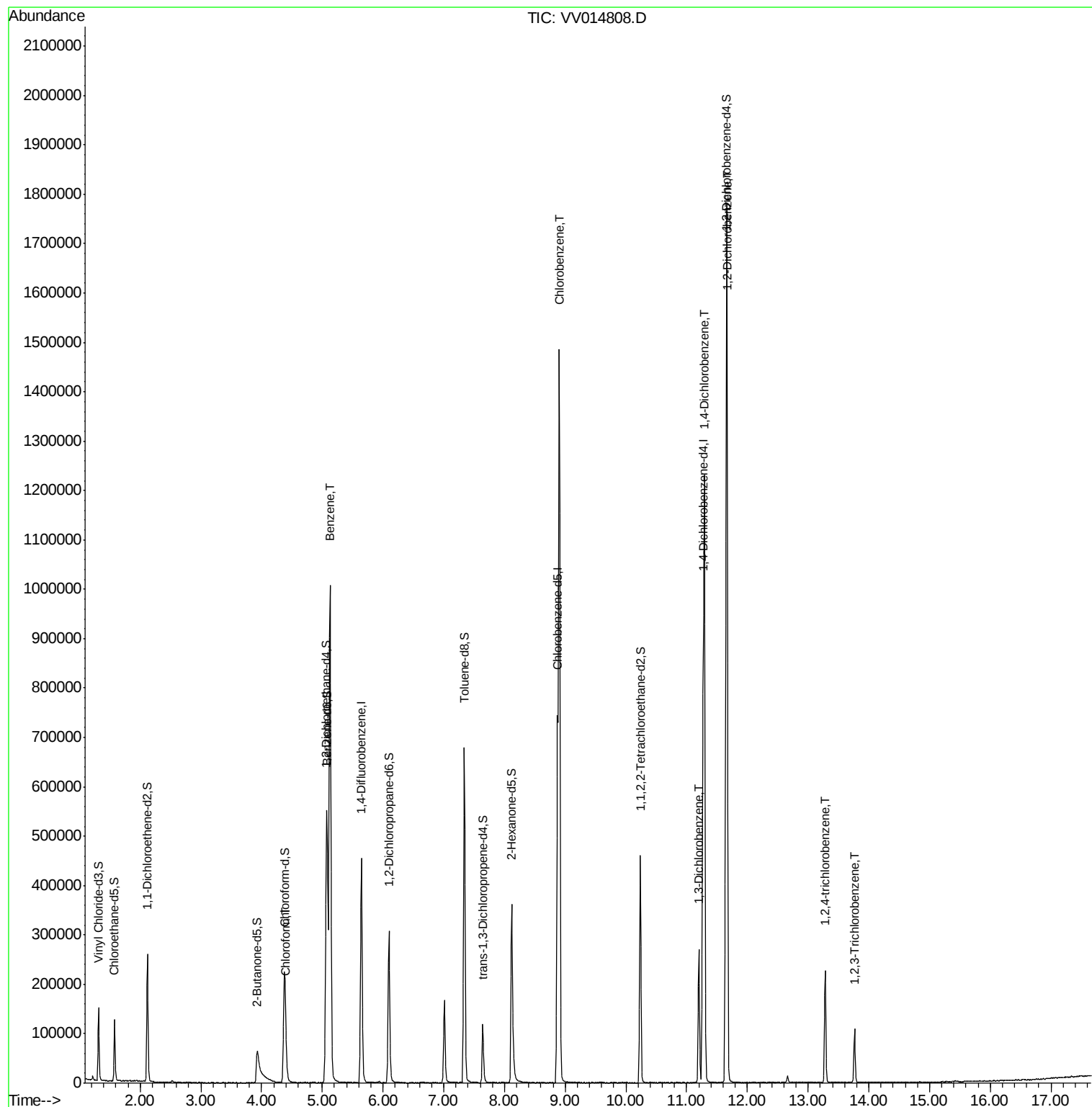
					Ovalue
25) Chloroform	4.41	83	32238	6.025	ug/L 96
33) Benzene	5.13	78	1017172	90.610	ug/L 100
51) Chlorobenzene	8.90	112	778706	97.724	ug/L 98
62) 1,3-Dichlorobenzene	11.20	146	110642	17.589	ug/L 97
63) 1,4-Dichlorobenzene	11.29	146	478072	75.436	ug/L 99
65) 1,2-Dichlorobenzene	11.66	146	658876	105.209	ug/L 99
68) 1,2,4-trichlorobenzene	13.28	180	74006	16.551	ug/L 97
70) 1,2,3-Trichlorobenzene	13.77	180	33572	7.532	ug/L 97

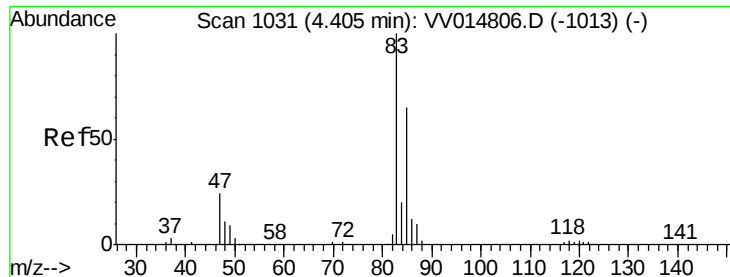
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Mar 11 03:49:31 2020
Response via : Initial Calibration





#25

Chloroform

Concen: 6.025 ug/L

RT: 4.41 min Scan# 1032

Delta R.T. 0.00 min

Lab File: VV014808.D

Acq: 10 Mar 2020 17:50

Instrument :

MSVOA_V

ClientSampleId :

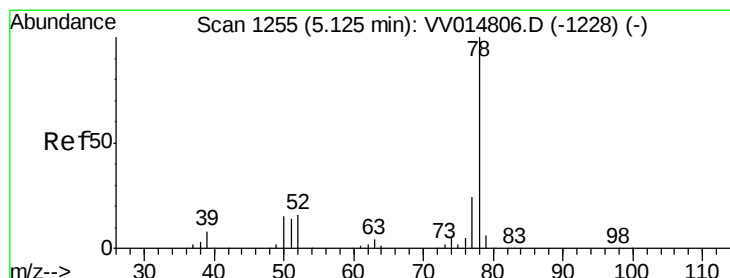
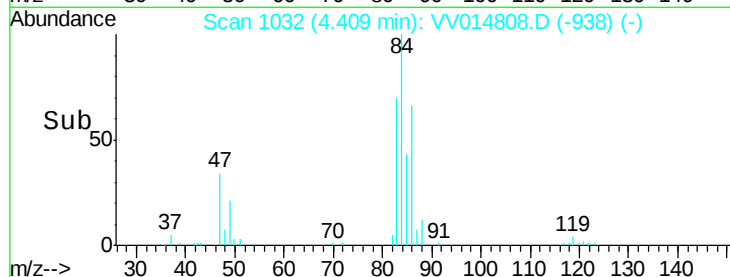
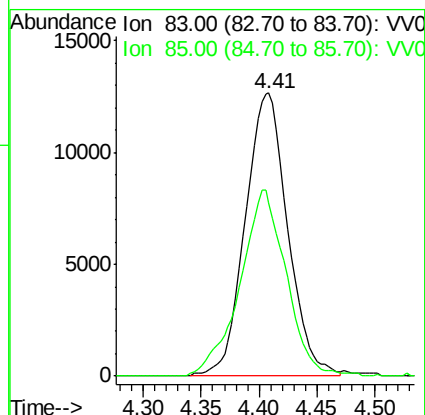
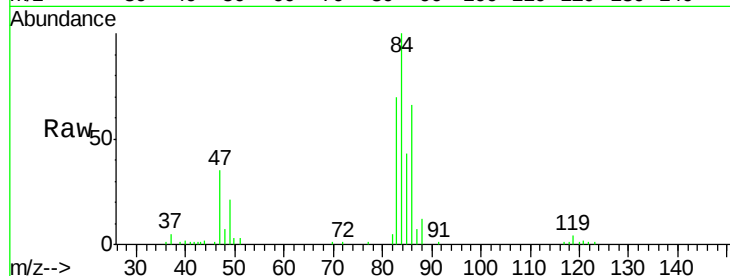
C0DL2DL

Tot Ion: 83 Resp: 32238

Ion Ratio Lower Upper

83 100

85 61.4 45.1 83.9



#33

Benzene

Concen: 90.610 ug/L

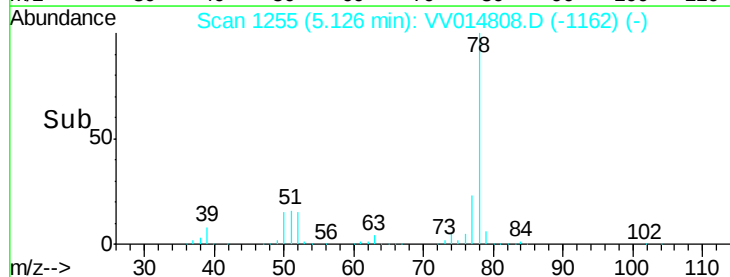
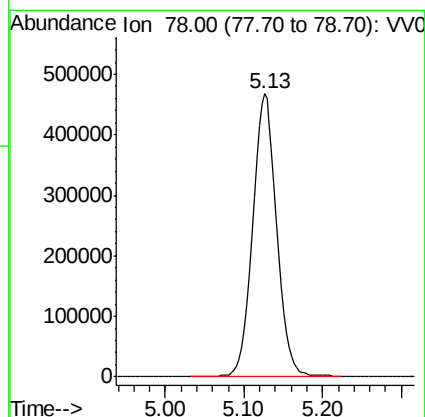
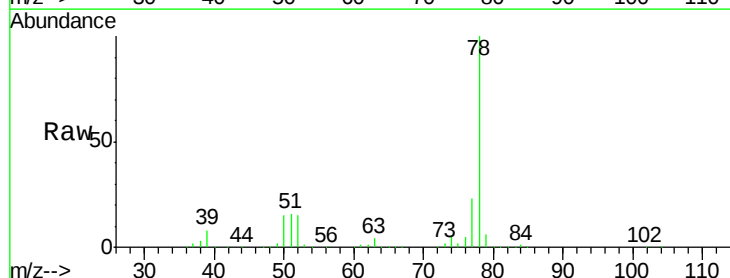
RT: 5.13 min Scan# 1255

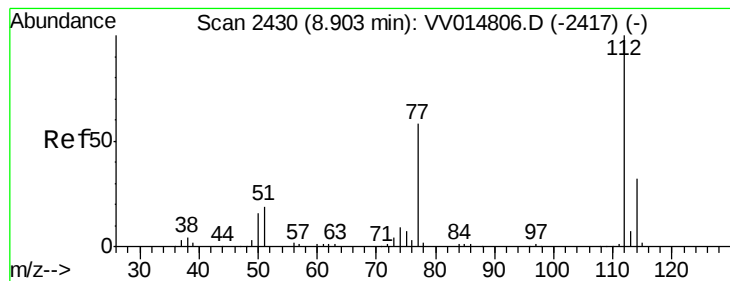
Delta R.T. 0.00 min

Lab File: VV014808.D

Acq: 10 Mar 2020 17:50

Tgt Ion: 78 Resp: 1017172





#51

Chlorobenzene

Concen: 97.724 ug/L

RT: 8.90 min Scan# 2430

Delta R.T. 0.00 min

Lab File: VV014808.D

Acq: 10 Mar 2020 17:50

Instrument :

MSVOA_V

ClientSampleId :

C0DL2DL

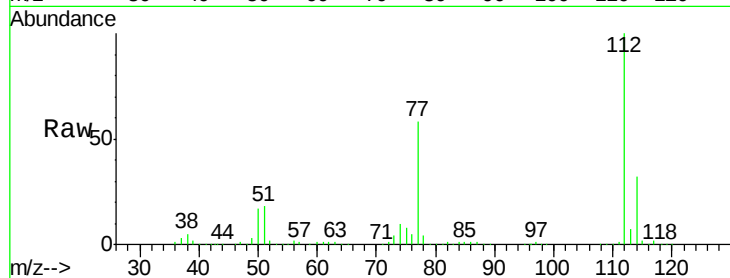
Tot Ion:112 Resp: 778706

Ion Ratio Lower Upper

112 100

114 32.1 22.1 41.1

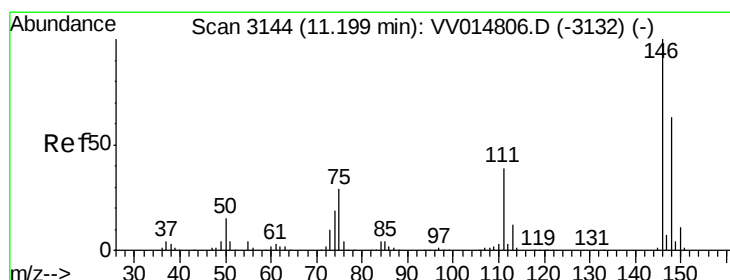
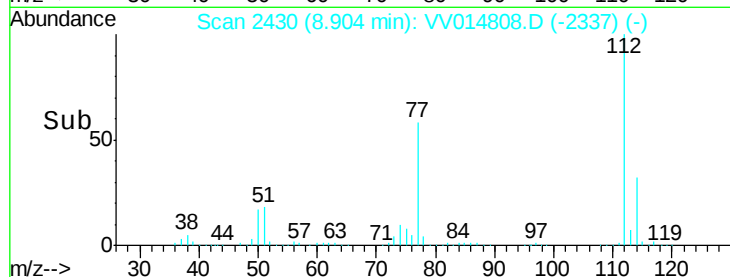
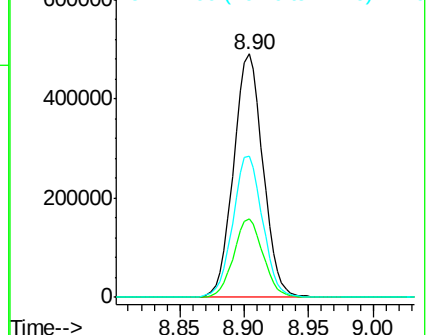
77 58.2 47.8 71.8



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

Ion 77.00 (76.70 to 77.70): V



#62

1,3-Dichlorobenzene

Concen: 17.589 ug/L

RT: 11.20 min Scan# 3145

Delta R.T. 0.00 min

Lab File: VV014808.D

Acq: 10 Mar 2020 17:50

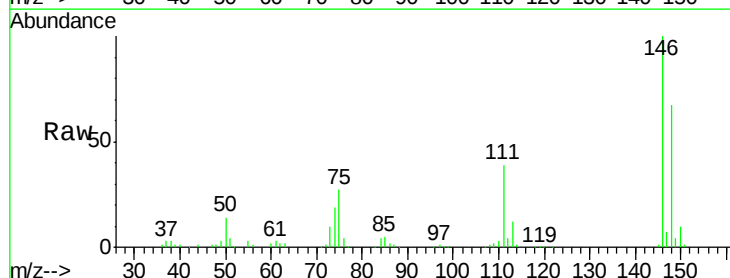
Tgt Ion:146 Resp: 110642

Ion Ratio Lower Upper

146 100

111 39.5 27.2 50.4

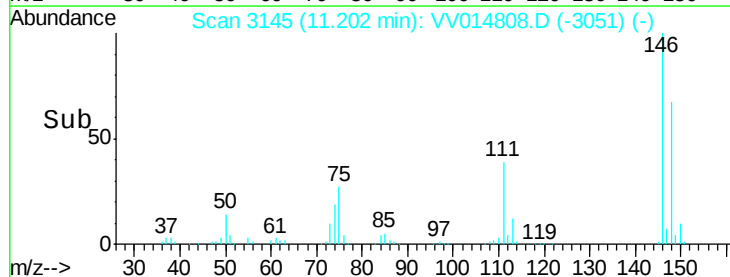
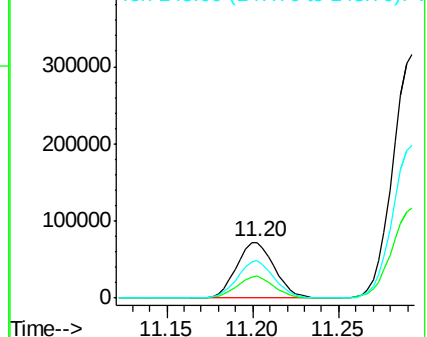
148 66.7 44.2 82.2

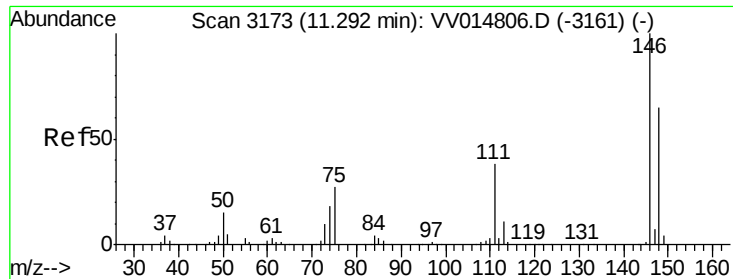


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

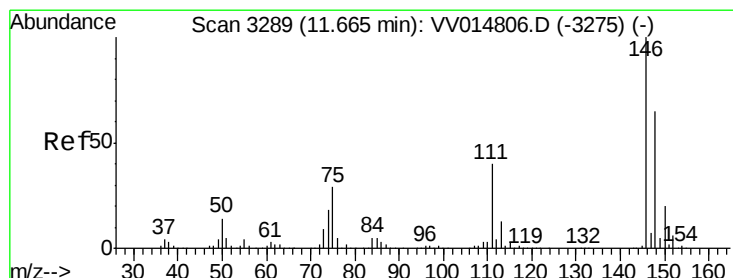
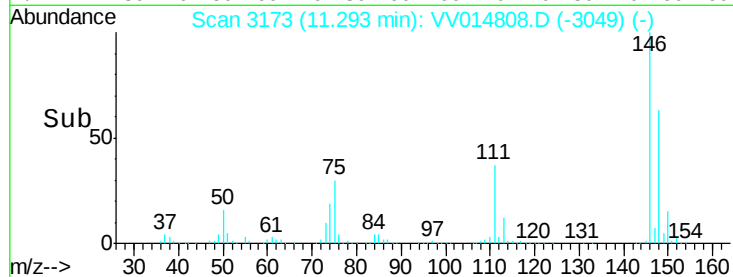
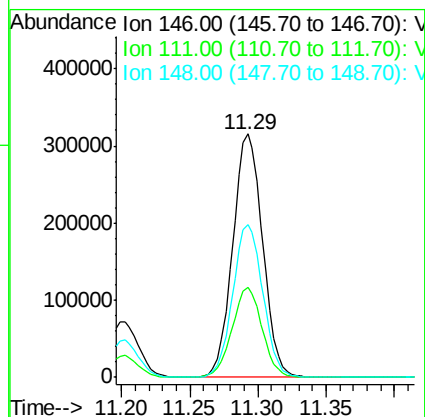
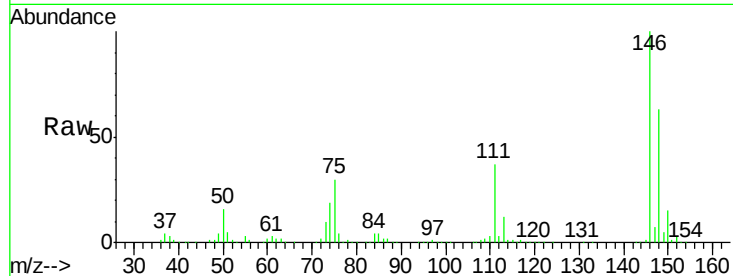




#63
 1,4-Dichlorobenzene
 Concen: 75.436 ug/L
 RT: 11.29 min Scan# 3173
 Delta R.T. 0.00 min
 Lab File: VV014808.D
 Acq: 10 Mar 2020 17:50

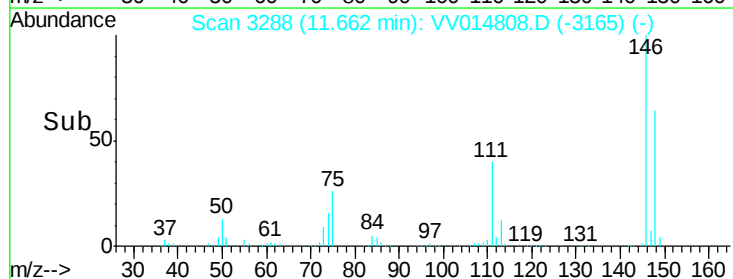
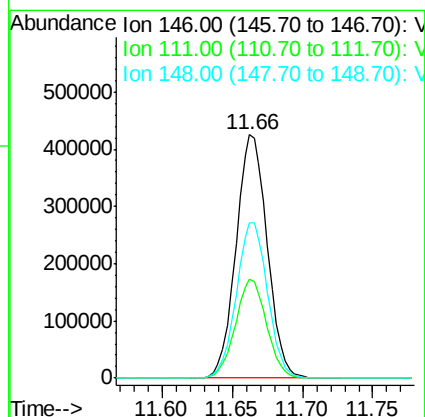
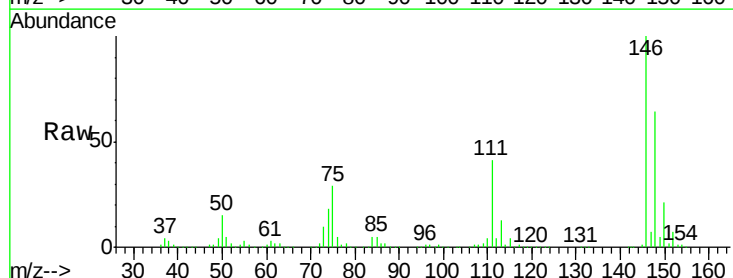
Instrument :
 MSVOA_V
 ClientSampled :
 C0DL2DL

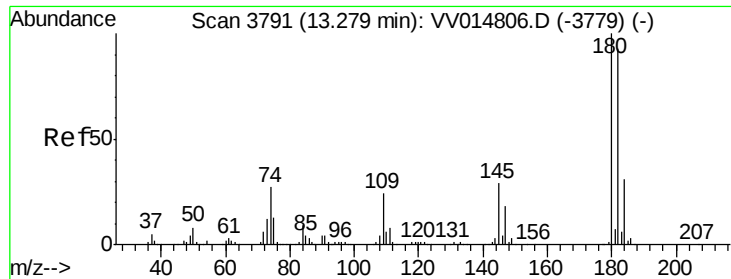
Tot Ion:146 Resp: 478072
 Ion Ratio Lower Upper
 146 100
 111 36.7 26.3 48.9
 148 62.9 44.0 81.8



#65
 1,2-Dichlorobenzene
 Concen: 105.209 ug/L
 RT: 11.66 min Scan# 3288
 Delta R.T. -0.00 min
 Lab File: VV014808.D
 Acq: 10 Mar 2020 17:50

Tgt Ion:146 Resp: 658876
 Ion Ratio Lower Upper
 146 100
 111 40.5 33.9 50.9
 148 63.9 51.4 77.0

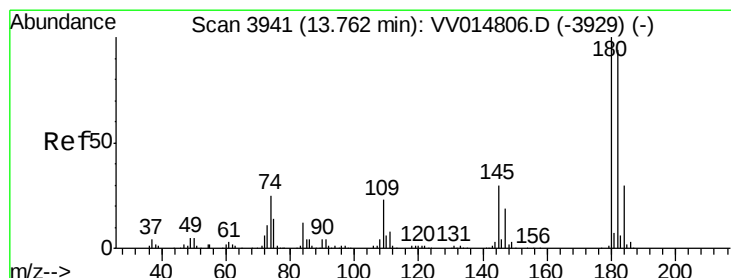
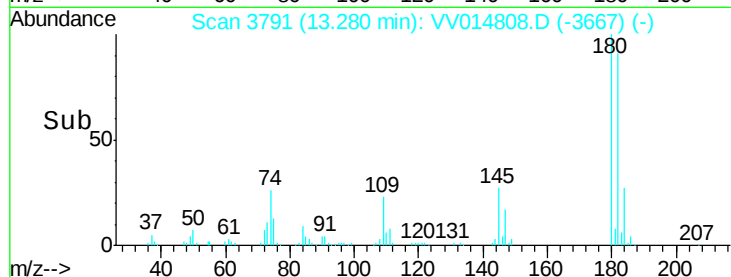
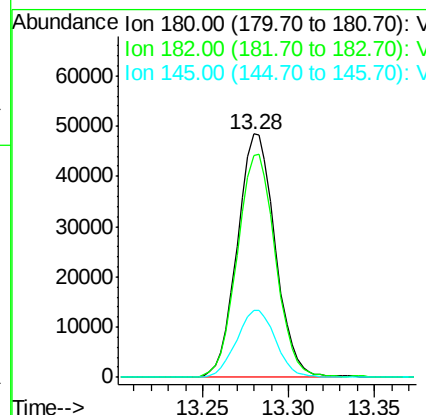
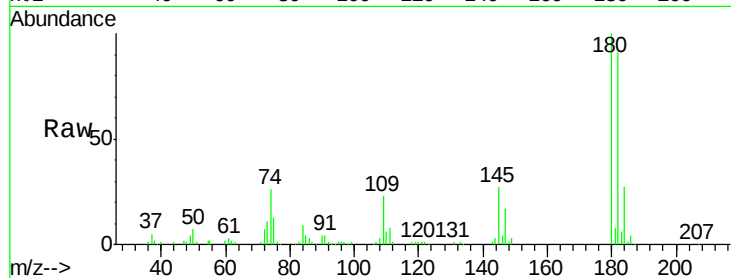




#68
 1,2,4-trichlorobenzene
 Concen: 16.551 ug/L
 RT: 13.28 min Scan# 3791
 Delta R.T. 0.00 min
 Lab File: VV014808.D
 Acq: 10 Mar 2020 17:50

Instrument :
 MSVOA_V
 ClientSampleId :
 C0DL2DL

Tot Ion:180 Resp: 74006
 Ion Ratio Lower Upper
 180 100
 182 92.4 76.6 114.8
 145 28.5 23.4 35.0



#70
 1,2,3-Trichlorobenzene
 Concen: 7.532 ug/L
 RT: 13.77 min Scan# 3942
 Delta R.T. 0.00 min
 Lab File: VV014808.D
 Acq: 10 Mar 2020 17:50

Tgt Ion:180 Resp: 33572
 Ion Ratio Lower Upper
 180 100
 182 98.2 76.5 114.7
 145 32.3 25.0 37.4

