

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV030920\
 Data File : VV014770.D
 Acq On : 09 Mar 2020 12:40
 Operator : SY/MD
 Sample : L1834-12
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0DK4

Quant Time: Mar 10 15:24:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM030620WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 10 14:44:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	430604	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	425407	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	215416	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	129007	44.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.54%
7) Chloroethane-d5	1.58	69	106000	46.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.02%
11) 1,1-Dichloroethene-d2	2.12	63	167268	34.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.08%
21) 2-Butanone-d5	3.94	46	203615	93.69	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.69%
24) Chloroform-d	4.38	84	248814	45.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.18%
26) 1,2-Dichloroethane-d4	5.06	65	182004	48.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.12%
32) Benzene-d6	5.08	84	555903	49.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.98%
36) 1,2-Dichloropropane-d6	6.10	67	174959	46.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.98%
41) Toluene-d8	7.34	98	530276	48.20	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.40%
43) trans-1,3-Dichloropropene-	7.64	79	88434	48.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.30%
47) 2-Hexanone-d5	8.12	63	158793	96.06	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.06%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	238086	46.49	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.98%
64) 1,2-Dichlorobenzene-d4	11.65	152	217256	50.88	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.76%

Target Compounds

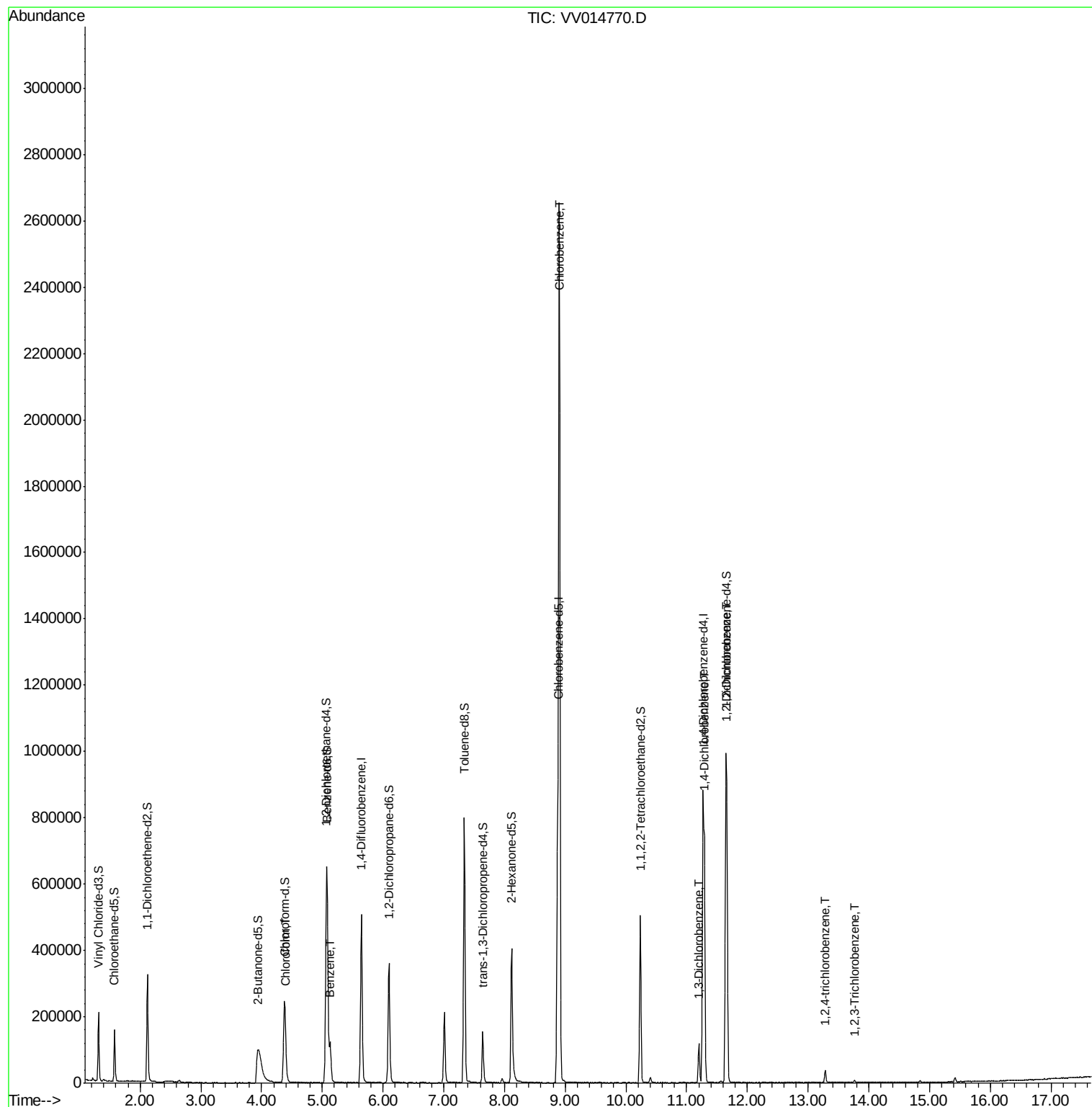
					Ovalue
25) Chloroform	4.41	83	22471	3.843	ug/L 100
33) Benzene	5.13	78	122297	9.923	ug/L 100
51) Chlorobenzene	8.90	112	1376505	157.349	ug/L 98
62) 1,3-Dichlorobenzene	11.20	146	48391	6.947	ug/L 98
63) 1,4-Dichlorobenzene	11.29	146	260860	37.169	ug/L 100
65) 1,2-Dichlorobenzene	11.67	146	260883	37.617	ug/L 99
68) 1,2,4-trichlorobenzene	13.28	180	11579	2.338	ug/L 97
70) 1,2,3-Trichlorobenzene	13.77	180	2286	0.463	ug/L # 84

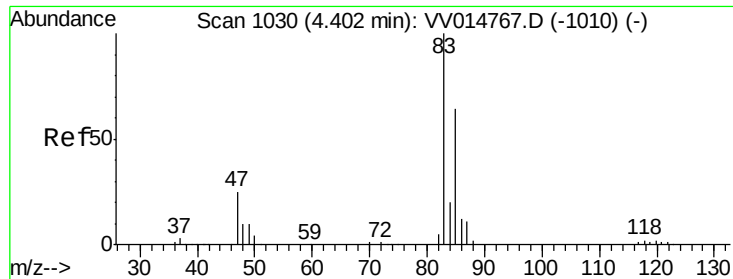
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV030920\
Data File : VV014770.D
Acq On : 09 Mar 2020 12:40
Operator : SY/MD
Sample : L1834-12
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0DK4

Quant Time: Mar 10 15:24:09 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM030620WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Mar 10 14:44:37 2020
Response via : Initial Calibration

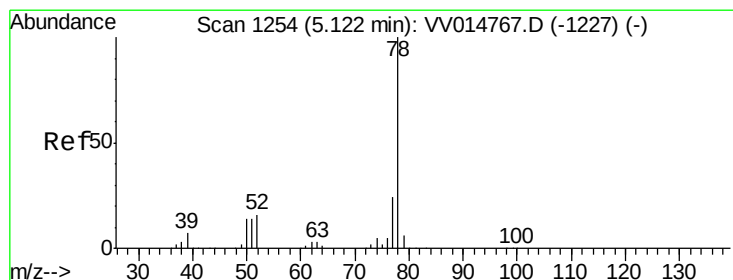
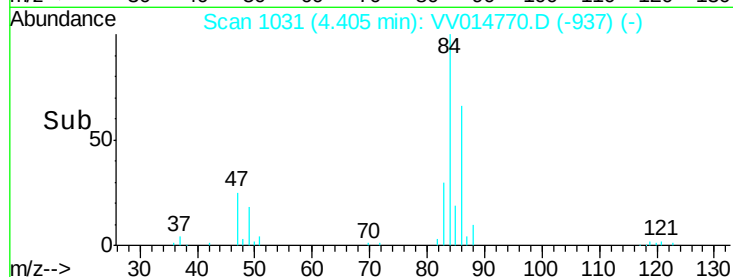
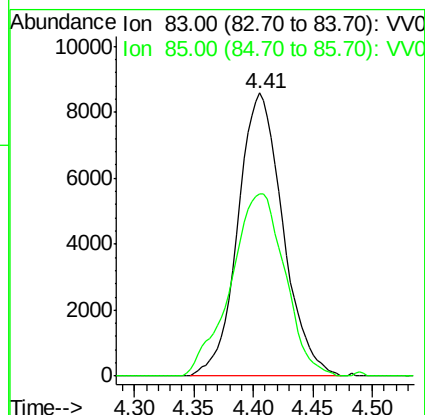
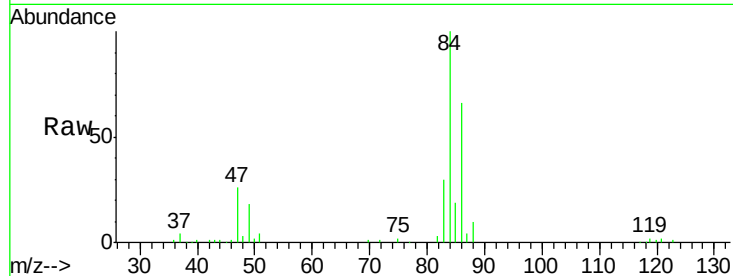




#25
Chloroform
Concen: 3.843 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VV014770.D
Acq: 09 Mar 2020 12:40

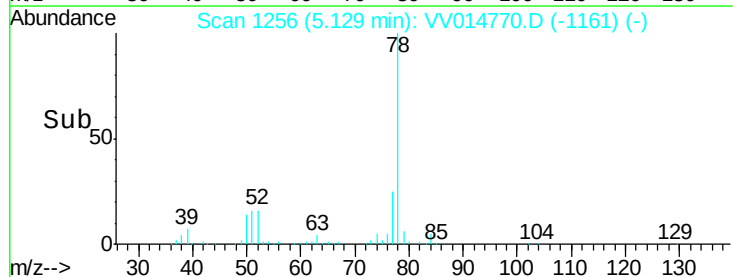
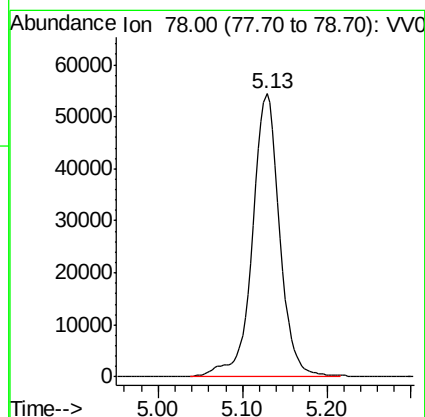
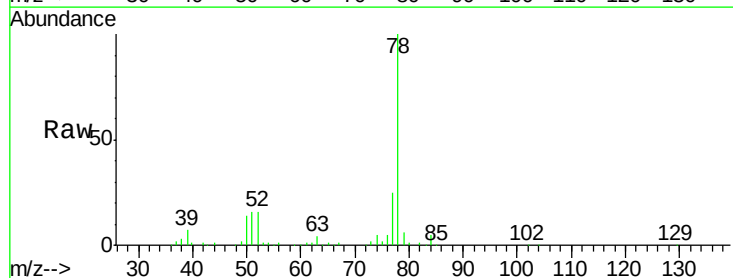
Instrument :
MSVOA_V
ClientSampleId :
C0DK4

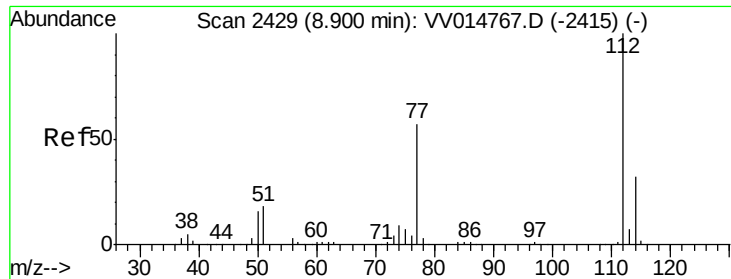
Tot Ion: 83 Resp: 22471
Ion Ratio Lower Upper
83 100
85 64.6 45.1 83.9



#33
Benzene
Concen: 9.923 ug/L
RT: 5.13 min Scan# 1256
Delta R.T. 0.01 min
Lab File: VV014770.D
Acq: 09 Mar 2020 12:40

Tgt Ion: 78 Resp: 122297





#51

Chlorobenzene

Concen: 157.349 ug/L

RT: 8.90 min Scan# 2430

Delta R.T. 0.00 min

Lab File: VV014770.D

Acq: 09 Mar 2020 12:40

Instrument :

MSVOA_V

ClientSampleId :

C0DK4

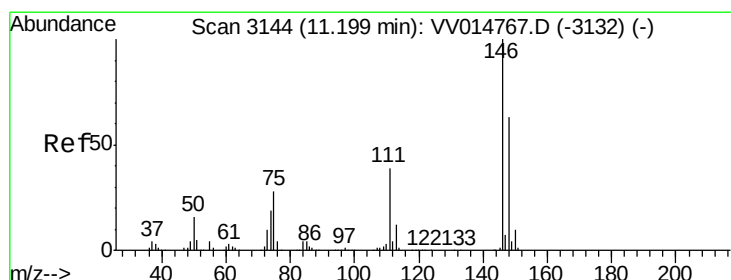
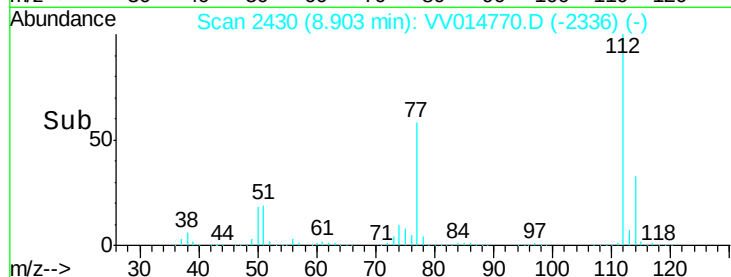
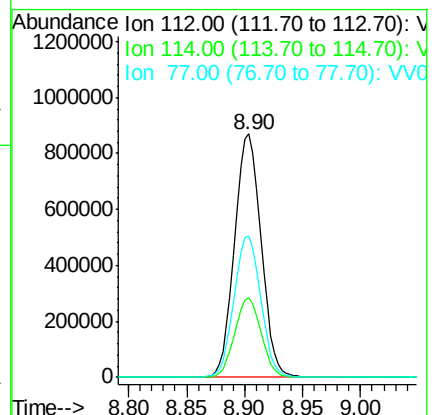
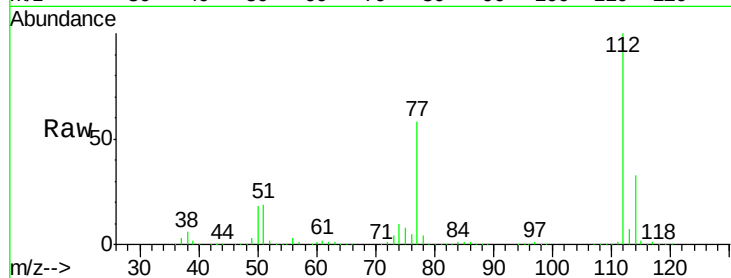
Tot Ion:112 Resp: 1376505

Ion Ratio Lower Upper

112 100

114 32.6 22.1 41.1

77 58.1 47.8 71.8



#62

1,3-Dichlorobenzene

Concen: 6.947 ug/L

RT: 11.20 min Scan# 3145

Delta R.T. 0.00 min

Lab File: VV014770.D

Acq: 09 Mar 2020 12:40

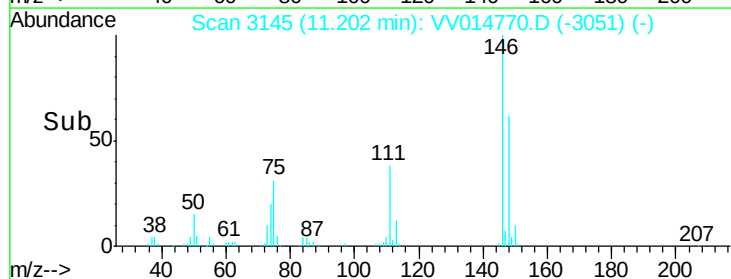
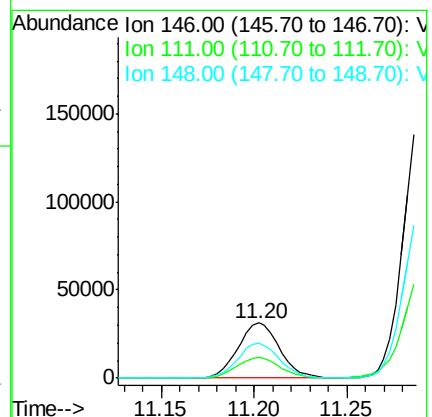
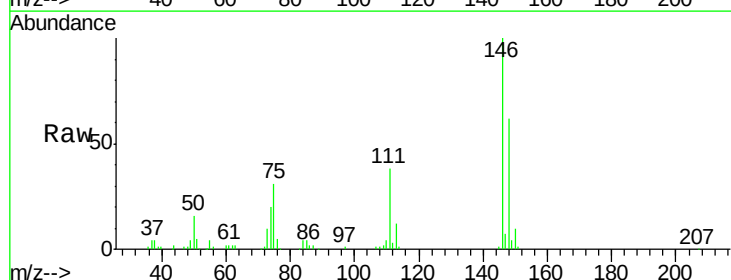
Tgt Ion:146 Resp: 48391

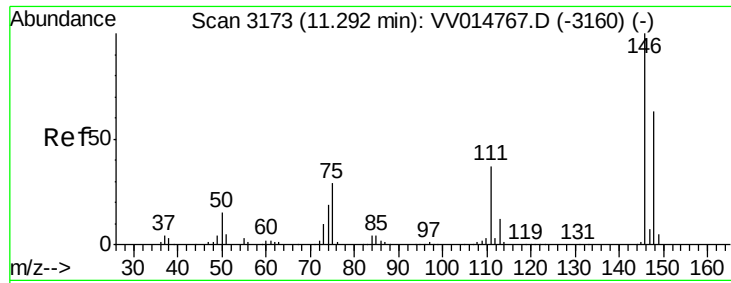
Ion Ratio Lower Upper

146 100

111 37.6 27.2 50.4

148 62.0 44.2 82.2

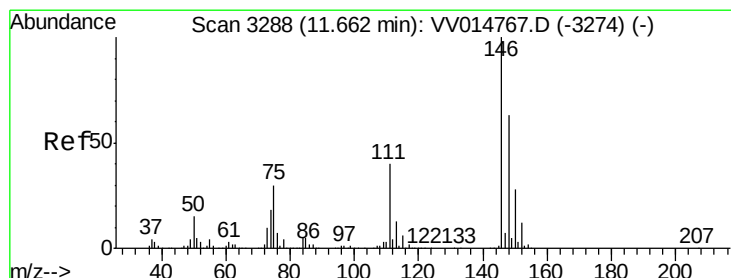
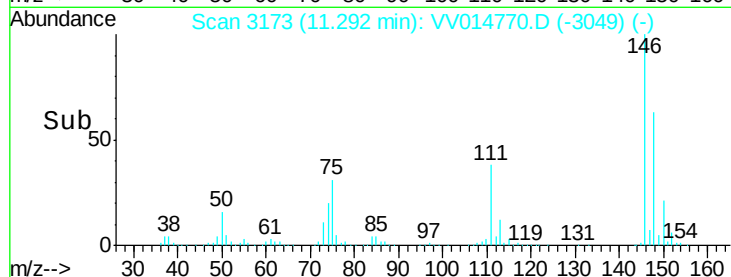
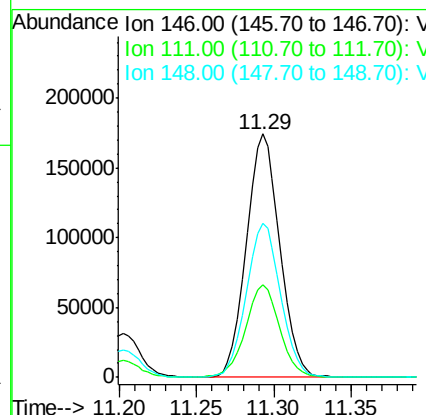
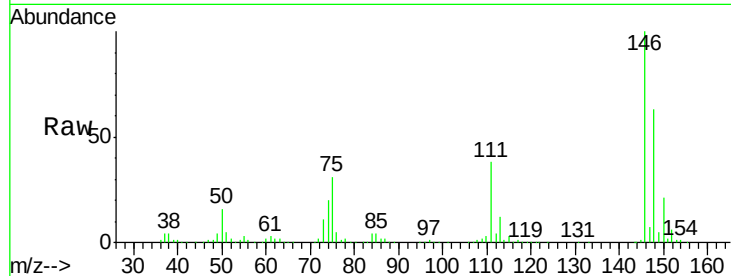




#63
 1,4-Dichlorobenzene
 Concen: 37.169 ug/L
 RT: 11.29 min Scan# 3173
 Delta R.T. 0.00 min
 Lab File: VV014770.D
 Acq: 09 Mar 2020 12:40

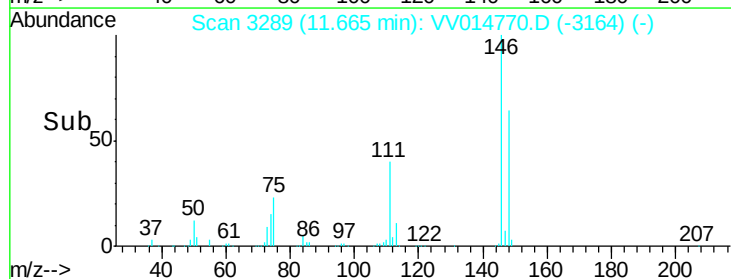
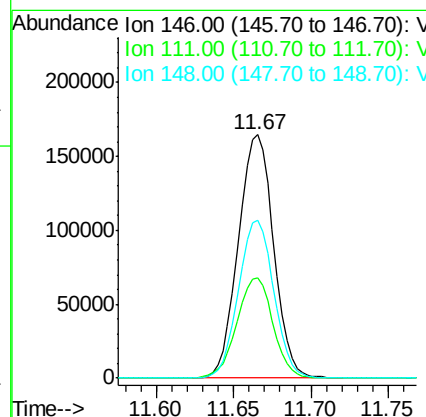
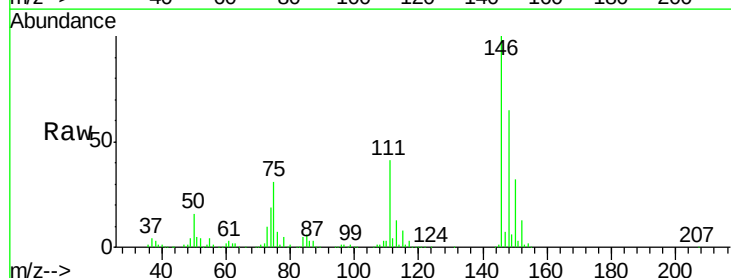
Instrument :
 MSVOA_V
 ClientSampleId :
 C0DK4

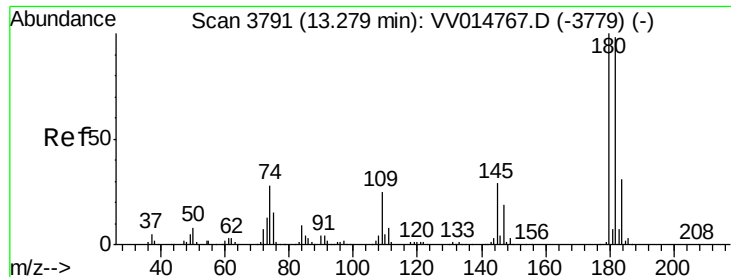
Tot Ion:146 Resp: 260860
 Ion Ratio Lower Upper
 146 100
 111 37.8 26.3 48.9
 148 63.3 44.0 81.8



#65
 1,2-Dichlorobenzene
 Concen: 37.617 ug/L
 RT: 11.67 min Scan# 3289
 Delta R.T. 0.00 min
 Lab File: VV014770.D
 Acq: 09 Mar 2020 12:40

Tgt Ion:146 Resp: 260883
 Ion Ratio Lower Upper
 146 100
 111 41.0 33.9 50.9
 148 64.7 51.4 77.0

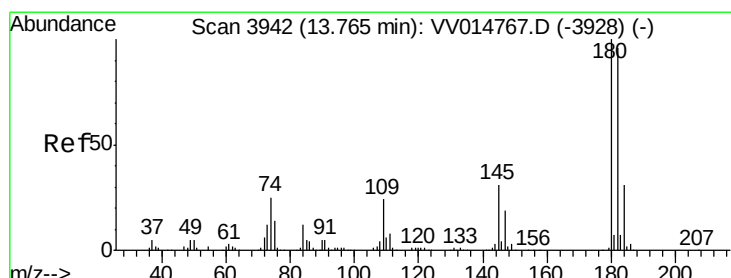
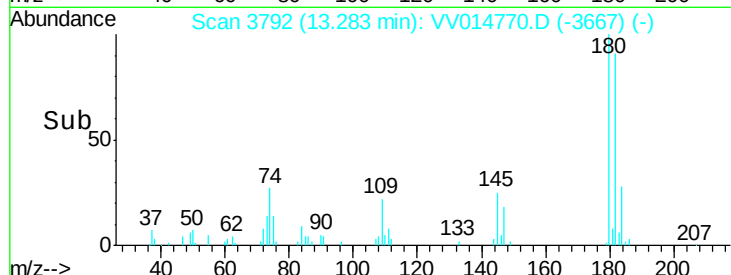
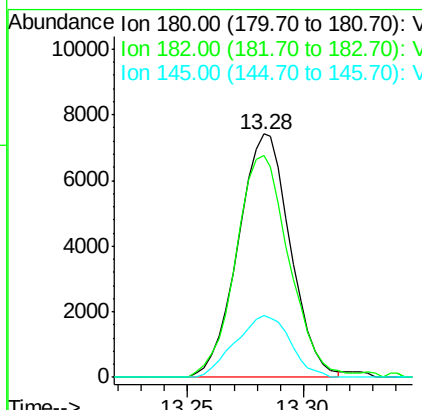
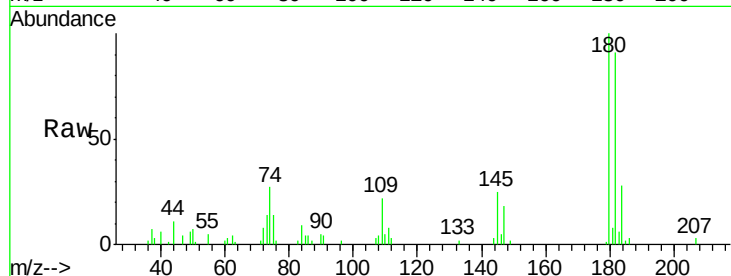




#68
 1,2,4-trichlorobenzene
 Concen: 2.338 ug/L
 RT: 13.28 min Scan# 3792
 Delta R.T. 0.00 min
 Lab File: VV014770.D
 Acq: 09 Mar 2020 12:40

Instrument :
 MSVOA_V
 ClientSampleId :
 C0DK4

Tot Ion:180 Resp: 11579
 Ion Ratio Lower Upper
 180 100
 182 93.0 76.6 114.8
 145 26.7 23.4 35.0



#70
 1,2,3-Trichlorobenzene
 Concen: 0.463 ug/L
 RT: 13.77 min Scan# 3942
 Delta R.T. 0.00 min
 Lab File: VV014770.D
 Acq: 09 Mar 2020 12:40

Tgt Ion:180 Resp: 2286
 Ion Ratio Lower Upper
 180 100
 182 76.2 76.5 114.7#
 145 29.2 25.0 37.4

