

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV030920\
 Data File : VV014771.D
 Acq On : 09 Mar 2020 13:03
 Operator : SY/MD
 Sample : L1834-13
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0DK6

Quant Time: Mar 10 15:23:05 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	384214	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	374660	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	192557	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	123550	47.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.04%
7) Chloroethane-d5	1.58	69	100571	48.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.86%
11) 1,1-Dichloroethene-d2	2.12	63	155379	35.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.92%
21) 2-Butanone-d5	3.93	46	195314	100.72	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.72%
24) Chloroform-d	4.38	84	230874	46.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.78%
26) 1,2-Dichloroethane-d4	5.06	65	170453	50.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.94%
32) Benzene-d6	5.08	84	518330	52.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.80%
36) 1,2-Dichloropropane-d6	6.10	67	161582	49.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.56%
41) Toluene-d8	7.34	98	493922	50.98	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.96%
43) trans-1,3-Dichloropropene-	7.64	79	81908	51.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.32%
47) 2-Hexanone-d5	8.12	63	152443	104.71	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.71%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	225541	50.01	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.02%
64) 1,2-Dichlorobenzene-d4	11.65	152	199388	52.24	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.48%

Target Compounds

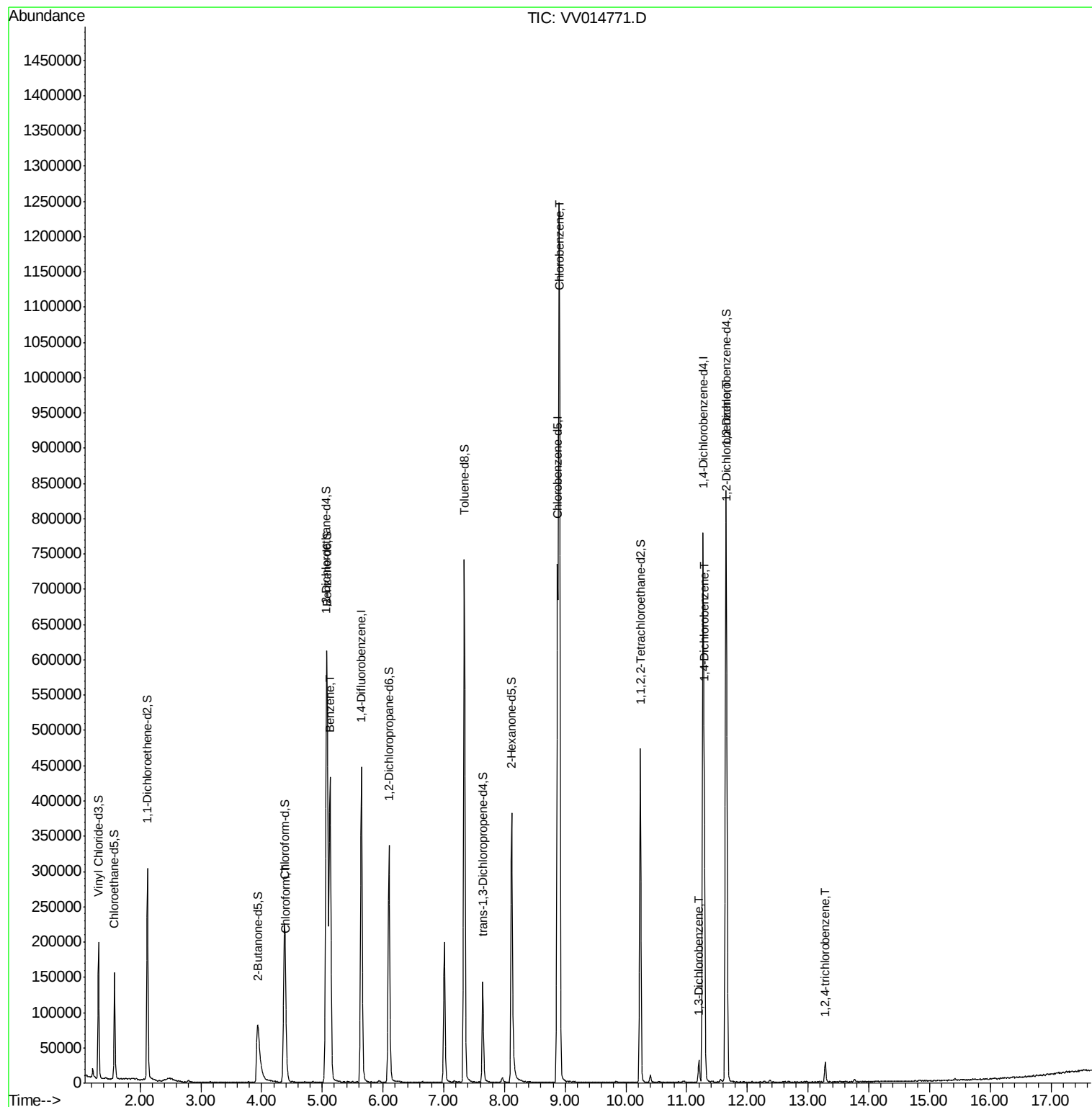
					Ovalue
25) Chloroform	4.41	83	23631	4.529 ug/L	100
33) Benzene	5.13	78	436292	40.196 ug/L	100
51) Chlorobenzene	8.90	112	647772	84.076 ug/L	99
62) 1,3-Dichlorobenzene	11.20	146	12713	2.042 ug/L	95
63) 1,4-Dichlorobenzene	11.29	146	143542	22.881 ug/L	98
65) 1,2-Dichlorobenzene	11.66	146	122732	19.798 ug/L	98
68) 1,2,4-trichlorobenzene	13.28	180	8489	1.918 ug/L	98

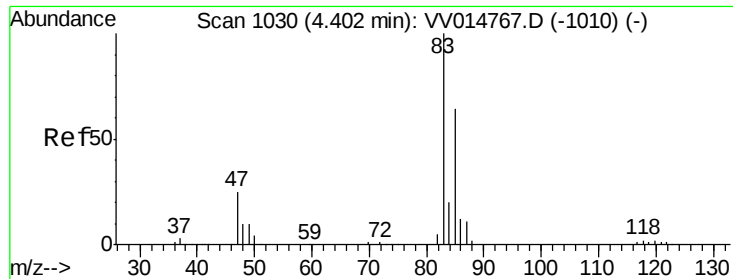
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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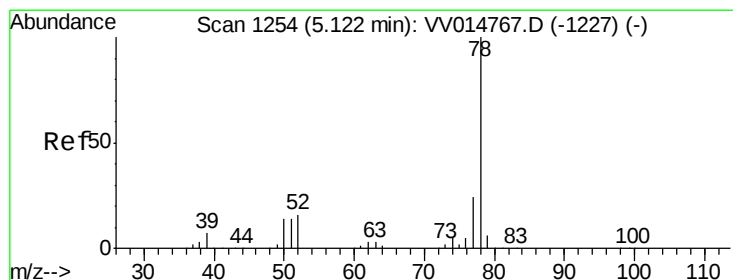
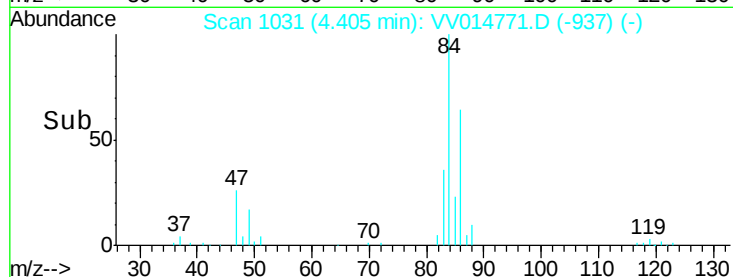
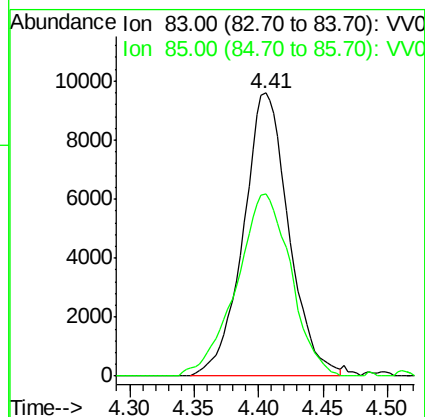
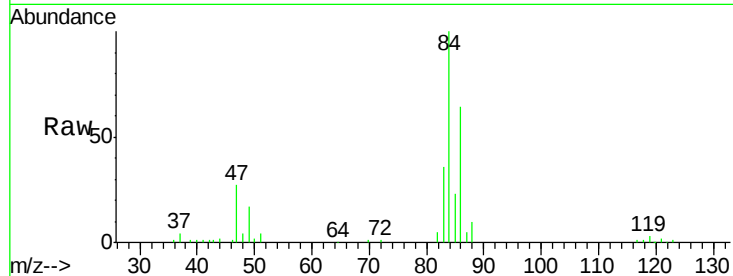




#25
Chloroform
Concen: 4.529 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VV014771.D
Acq: 09 Mar 2020 13:03

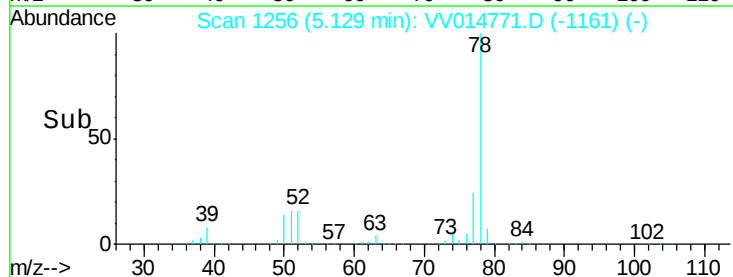
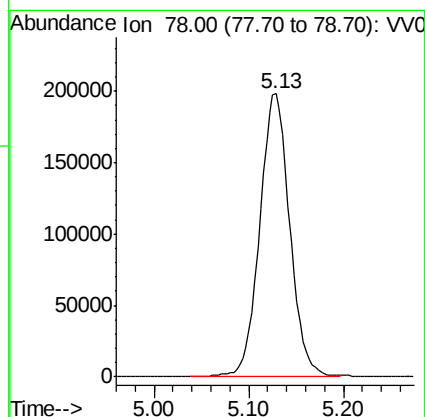
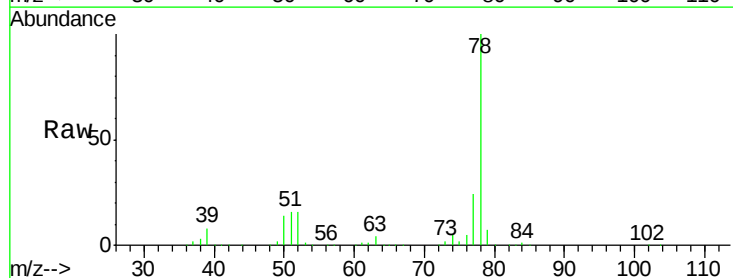
Instrument :
MSVOA_V
ClientSampled :
C0DK6

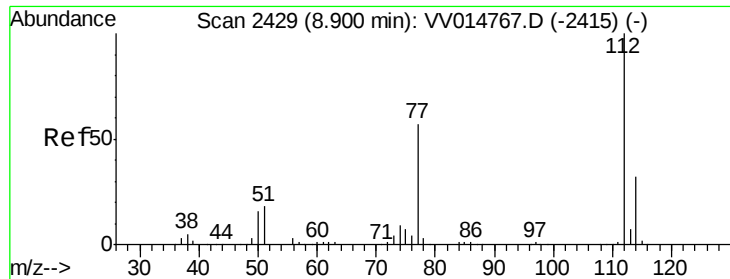
Tot Ion: 83 Resp: 23631
Ion Ratio Lower Upper
83 100
85 64.2 45.1 83.9



#33
Benzene
Concen: 40.196 ug/L
RT: 5.13 min Scan# 1256
Delta R.T. 0.01 min
Lab File: VV014771.D
Acq: 09 Mar 2020 13:03

Tgt Ion: 78 Resp: 436292





#51

Chlorobenzene

Concen: 84.076 ug/L

RT: 8.90 min Scan# 2430

Delta R.T. 0.00 min

Lab File: VV014771.D

Acq: 09 Mar 2020 13:03

Instrument :

MSVOA_V

ClientSampled :

C0DK6

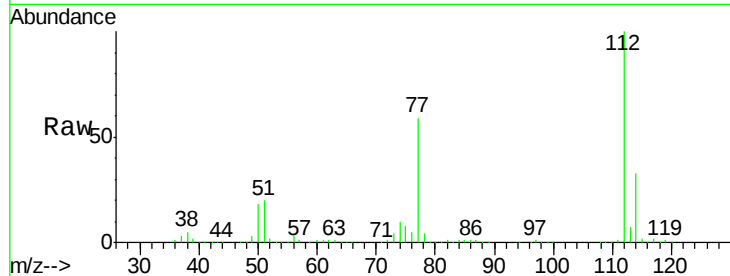
Tot Ion:112 Resp: 647772

Ion Ratio Lower Upper

112 100

114 32.7 22.1 41.1

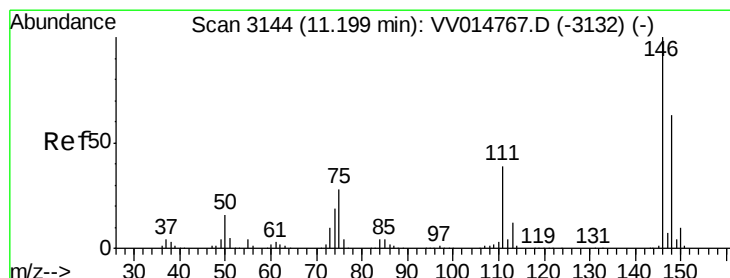
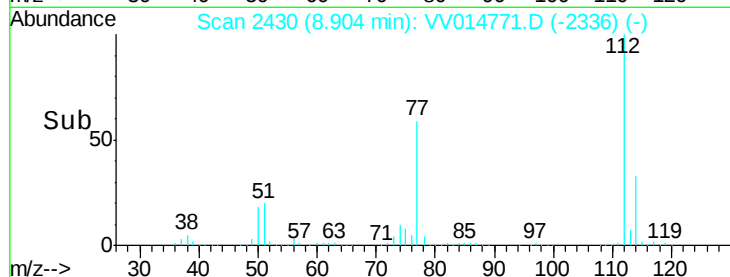
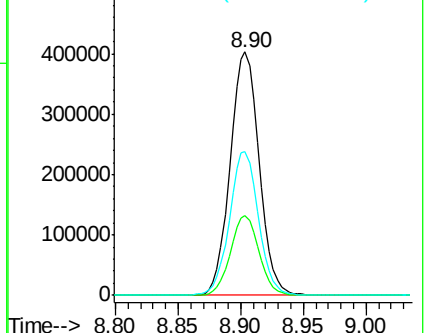
77 59.2 47.8 71.8



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: 2.042 ug/L

RT: 11.20 min Scan# 3145

Delta R.T. 0.00 min

Lab File: VV014771.D

Acq: 09 Mar 2020 13:03

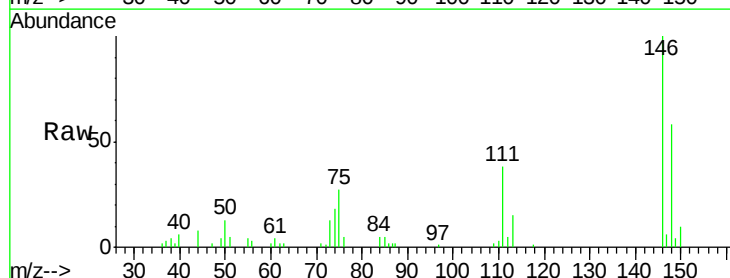
Tgt Ion:146 Resp: 12713

Ion Ratio Lower Upper

146 100

111 37.8 27.2 50.4

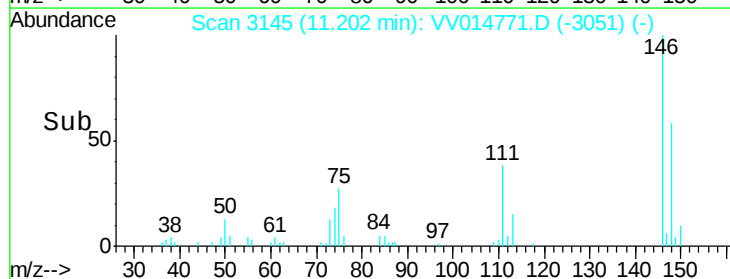
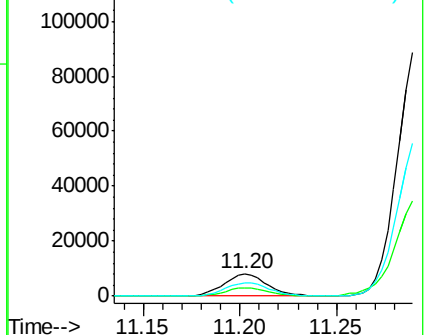
148 58.0 44.2 82.2

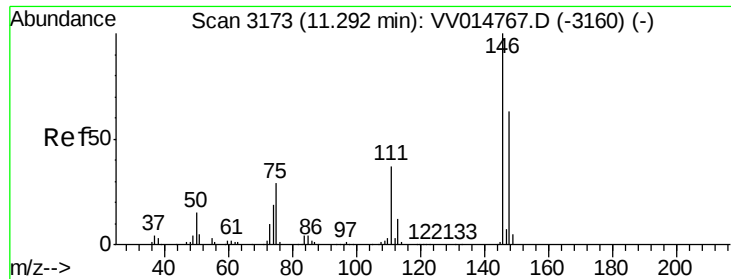


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

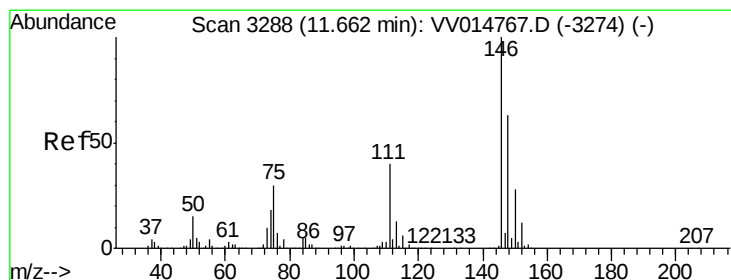
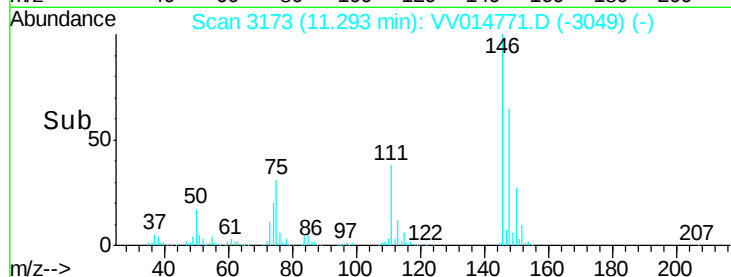
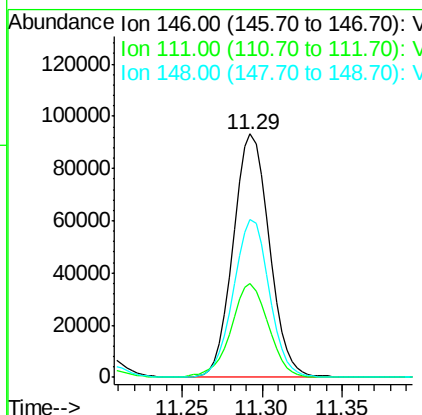
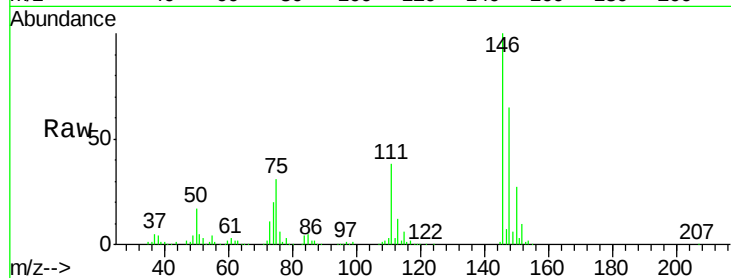




#63
 1,4-Dichlorobenzene
 Concen: 22.881 ug/L
 RT: 11.29 min Scan# 3173
 Delta R.T. 0.00 min
 Lab File: VV014771.D
 Acq: 09 Mar 2020 13:03

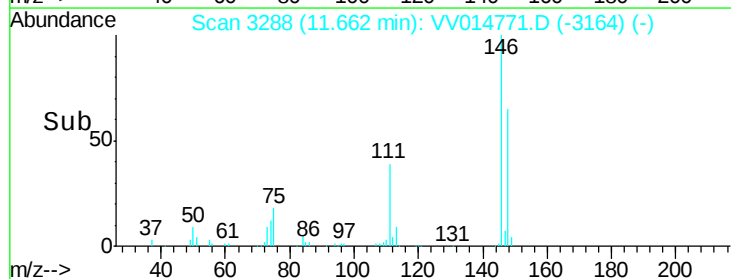
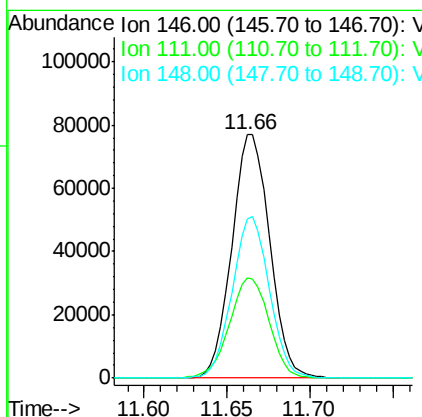
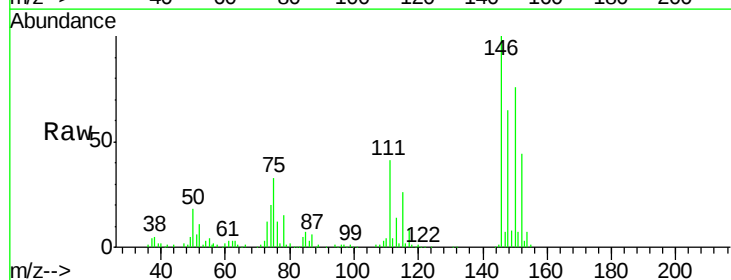
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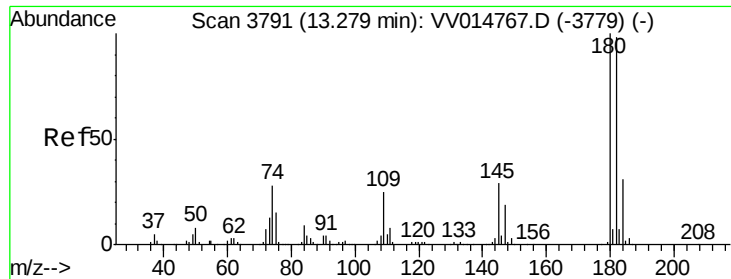
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.3	26.3	48.9
148	64.9	44.0	81.8



#65
 1,2-Dichlorobenzene
 Concen: 19.798 ug/L
 RT: 11.66 min Scan# 3288
 Delta R.T. 0.00 min
 Lab File: VV014771.D
 Acq: 09 Mar 2020 13:03

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.1	33.9	50.9
148	65.5	51.4	77.0

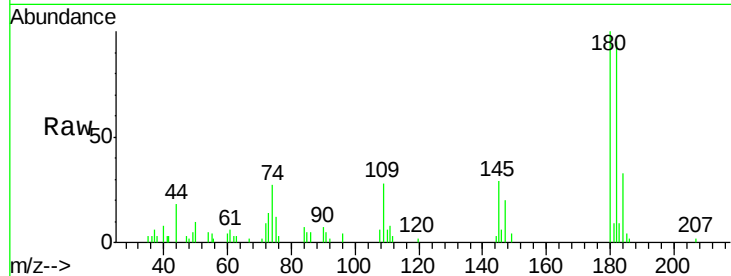




#68
 1,2,4-trichlorobenzene
 Concen: 1.918 ug/L
 RT: 13.28 min Scan# 3792
 Delta R.T. 0.00 min
 Lab File: VV014771.D
 Acq: 09 Mar 2020 13:03

Instrument :
 MSVOA_V
 ClientSampleId :
 C0DK6

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.9	76.6	114.8
145	31.9	23.4	35.0



Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

