

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031720\
 Data File : VV015011.D
 Acq On : 18 Mar 2020 06:49
 Operator : SY/MD
 Sample : L1941-09
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0DB9

Manual Integrations
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Quant Time: Mar 18 09:02:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM031620WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 18 07:43:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	311197	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	316011	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	175338	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	74453	35.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	71.82%
7) Chloroethane-d5	1.58	69	59350	38.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	77.08%
11) 1,1-Dichloroethene-d2	2.12	63	96705	30.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.80%
21) 2-Butanone-d5	3.93	46	91822	72.64	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	72.64%
24) Chloroform-d	4.38	84	181994	42.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.26%
26) 1,2-Dichloroethane-d4	5.06	65	123954	45.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.58%
32) Benzene-d6	5.08	84	377193	43.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.66%
36) 1,2-Dichloropropane-d6	6.10	67	112385	43.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.70%
41) Toluene-d8	7.34	98	370699	43.05	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.10%
43) trans-1,3-Dichloropropene-	7.64	79	47219	34.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.52%
47) 2-Hexanone-d5	8.12	63	98158	83.88	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	83.88%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	162155	42.73	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.46%
64) 1,2-Dichlorobenzene-d4	11.66	152	183574	47.79	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.58%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
25) Chloroform	4.41	83	7606	1.867	ug/L	93
33) Benzene	5.13	78	41659	4.845	ug/L	100
51) Chlorobenzene	8.90	112	7513645	1127.643	ug/L	99
62) 1,3-Dichlorobenzene	11.20	146	665775	115.225	ug/L	99
63) 1,4-Dichlorobenzene	11.30	146	2370426	407.261	ug/L	98
65) 1,2-Dichlorobenzene	11.67	146	17512089m	3034.110	ug/L	
67) 1,3,5-Trichlorobenzene	12.67	180	2488	0.549	ug/L	87
68) 1,2,4-trichlorobenzene	13.29	180	3301646	817.684	ug/L	99
70) 1,2,3-Trichlorobenzene	13.76	180	521190	130.396	ug/L	100

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

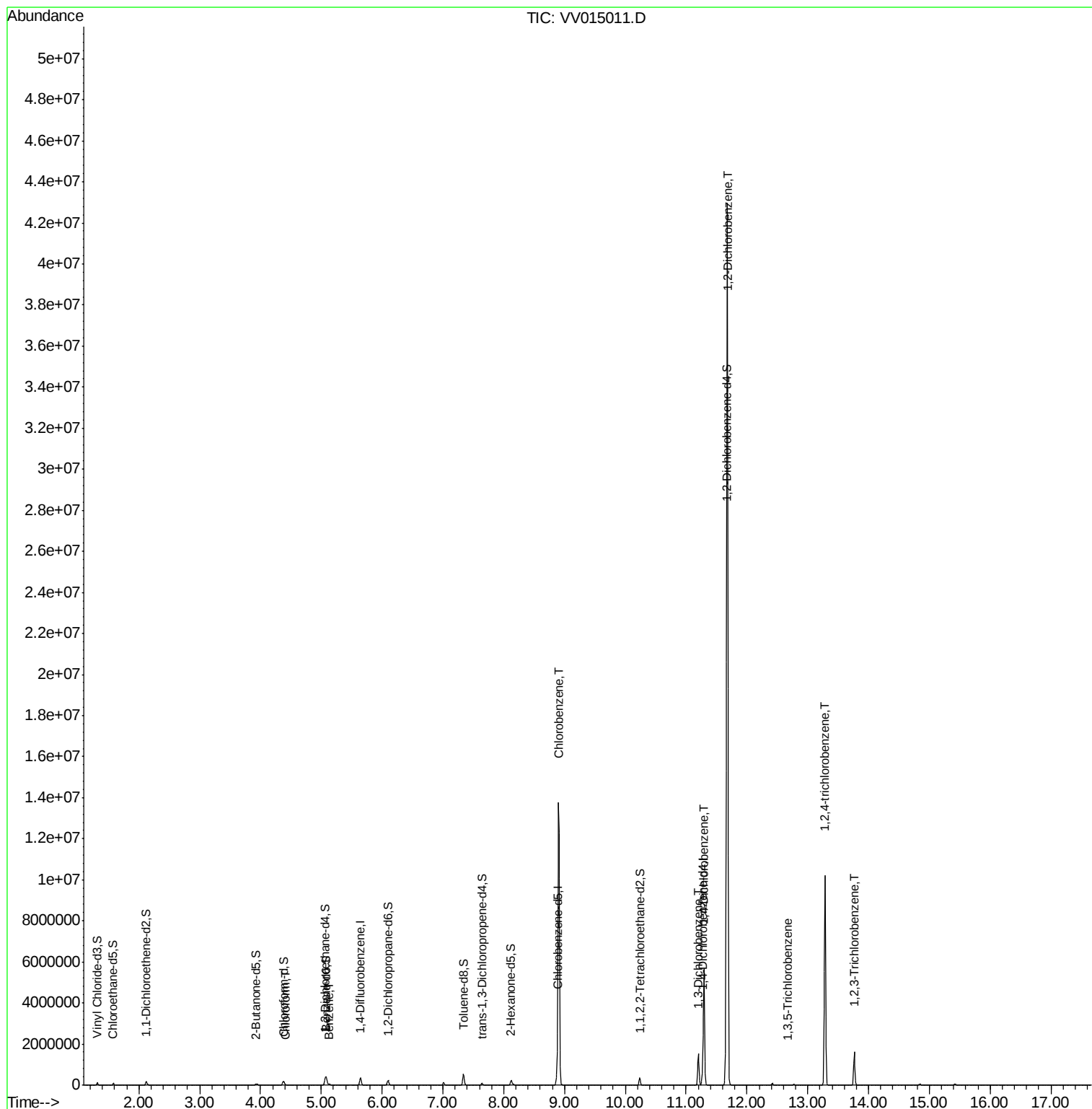
Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031720\
Data File : VV015011.D
Acq On : 18 Mar 2020 06:49
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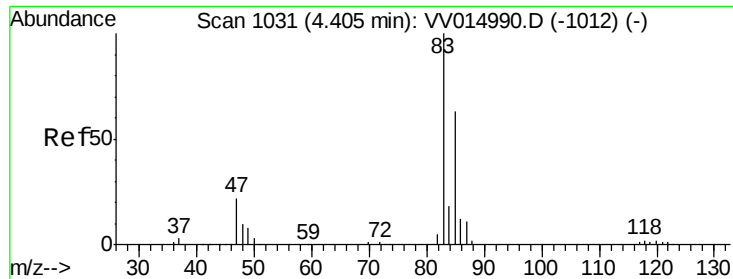
Instrument :
MSVOA_V
ClientSampleId :
C0DB9

Manual Integrations
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Quant Time: Mar 18 09:02:18 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM031620WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 18 07:43:00 2020
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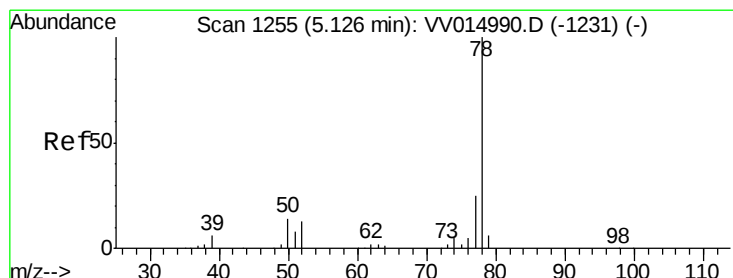
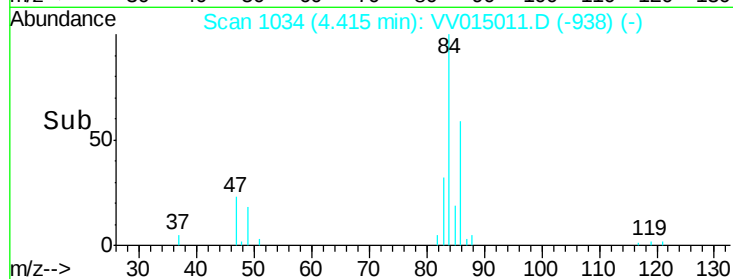
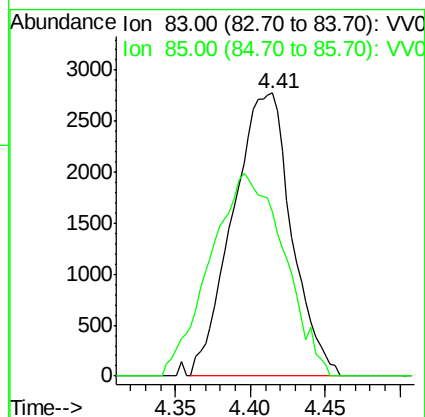
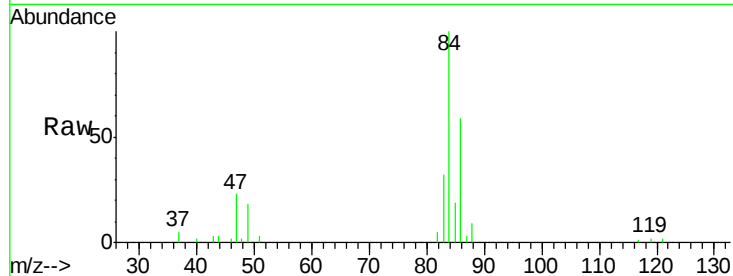
#25
Chloroform
Concen: 1.867 ug/L
RT: 4.41 min Scan# 1034
Delta R.T. 0.01 min
Lab File: VV015011.D
Acq: 18 Mar 2020 06:49

Instrument :
MSVOA_V
ClientSampleId :
C0DB9

Tot Ion: 83 Resp: 7606
Ion Ratio Lower Upper
83 100
85 58.0 44.6 82.8

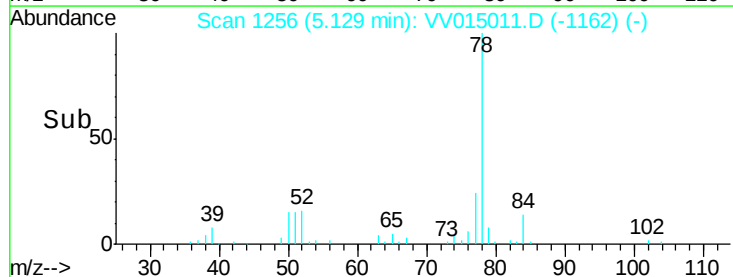
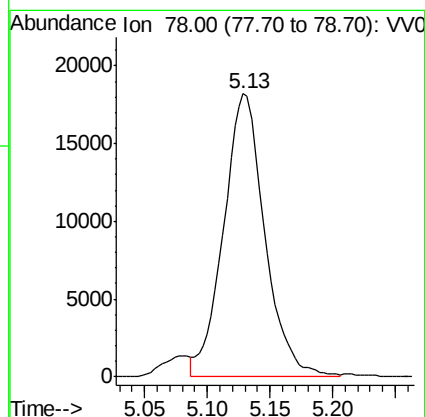
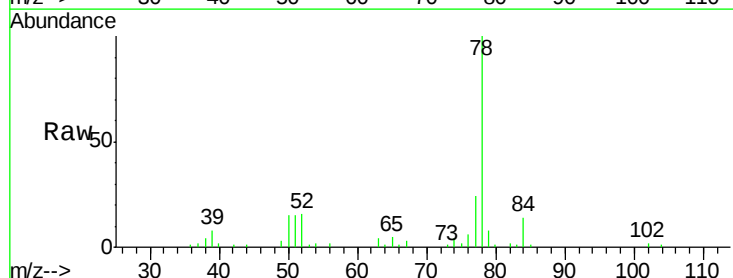
Manual Integrations
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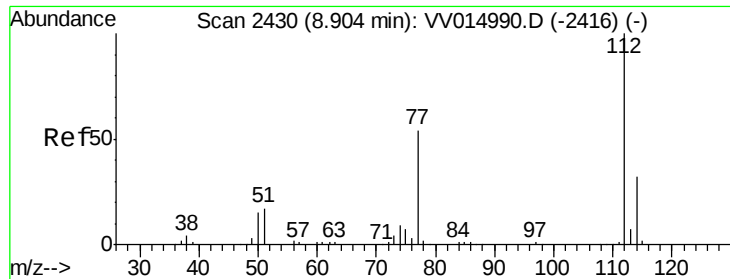
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#33
Benzene
Concen: 4.845 ug/L
RT: 5.13 min Scan# 1256
Delta R.T. 0.00 min
Lab File: VV015011.D
Acq: 18 Mar 2020 06:49

Tgt Ion: 78 Resp: 41659





#51

Chlorobenzene

Concen: 1127.643 ug/L

RT: 8.90 min Scan# 2430

Delta R.T. -0.00 min

Lab File: VV015011.D

Acq: 18 Mar 2020 06:49

Instrument :

MSVOA_V

ClientSampled :

C0DB9

Tot Ion:112 Resp: 7513645

Ion Ratio Lower Upper

112 100

114 34.0 22.8 42.4

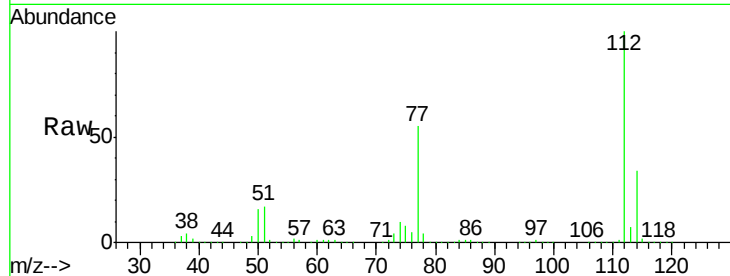
77 55.5 44.5 66.7

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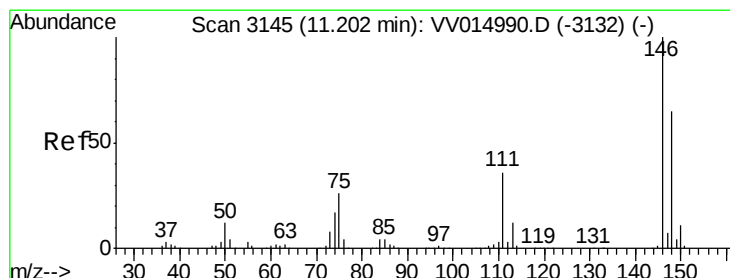
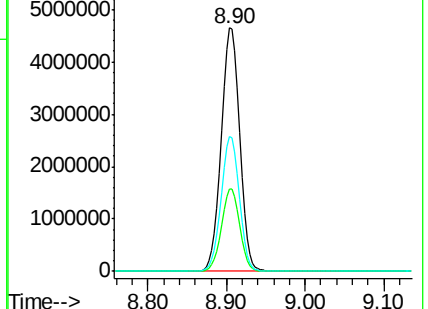
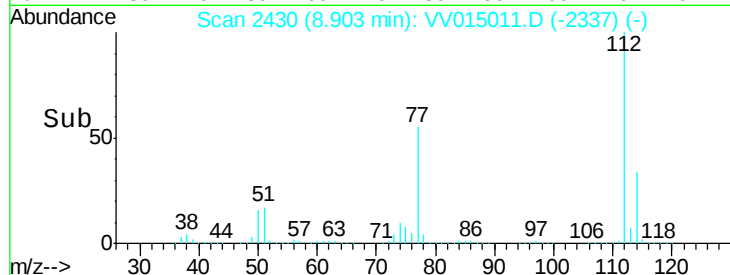
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Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

Ion 77.00 (76.70 to 77.70): V



#62

1,3-Dichlorobenzene

Concen: 115.225 ug/L

RT: 11.20 min Scan# 3145

Delta R.T. -0.00 min

Lab File: VV015011.D

Acq: 18 Mar 2020 06:49

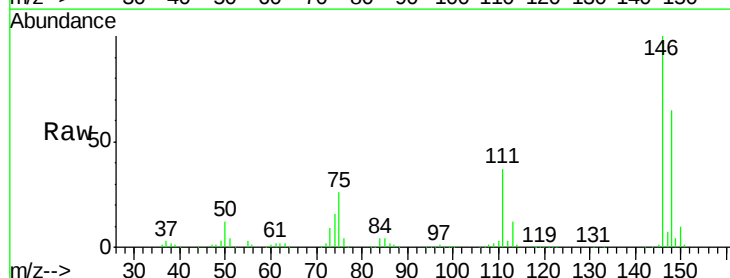
Tgt Ion:146 Resp: 665775

Ion Ratio Lower Upper

146 100

111 36.7 26.5 49.3

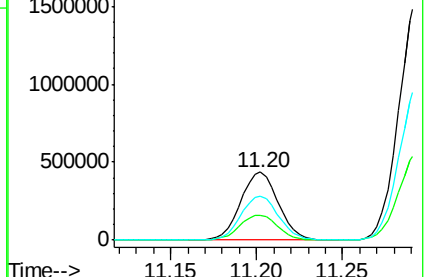
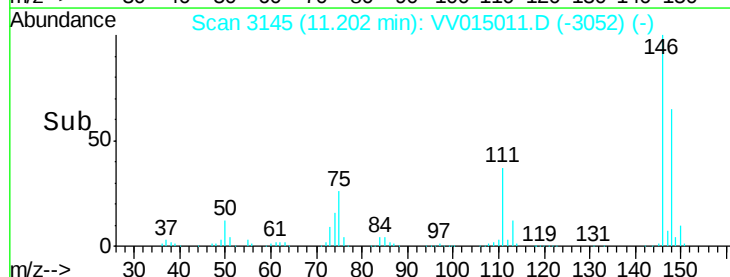
148 64.6 45.4 84.2

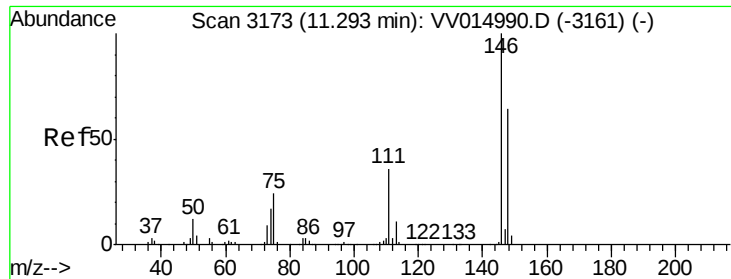


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#63

1,4-Dichlorobenzene

Concen: 407.261 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.00 min

Lab File: VV015011.D

Acq: 18 Mar 2020 06:49

Instrument :

MSVOA_V

ClientSampleId :

C0DB9

Tot Ion:146 Resp: 2370426

Ion Ratio Lower Upper

146 100

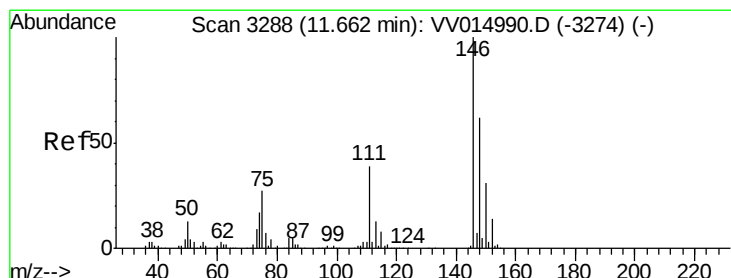
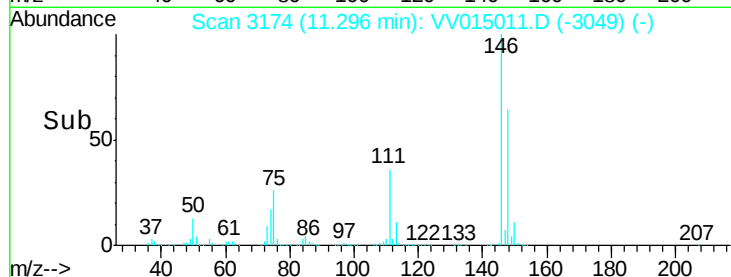
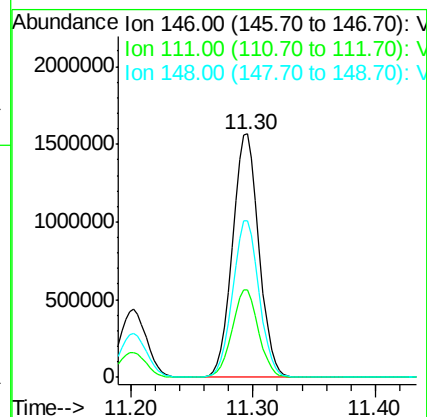
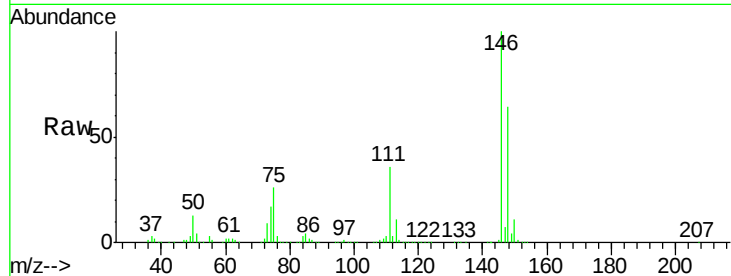
111 35.8 26.0 48.2

148 64.4 46.1 85.5

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#65

1,2-Dichlorobenzene

Concen: 3034.110 ug/L m

RT: 11.67 min Scan# 3291

Delta R.T. 0.01 min

Lab File: VV015011.D

Acq: 18 Mar 2020 06:49

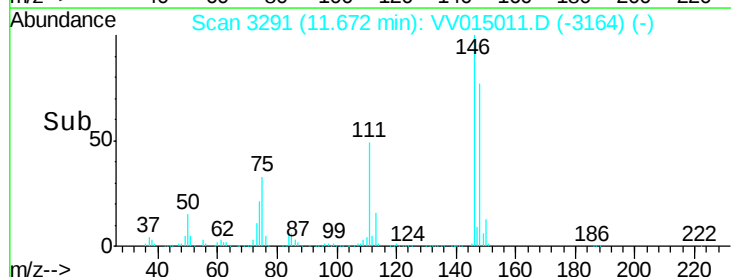
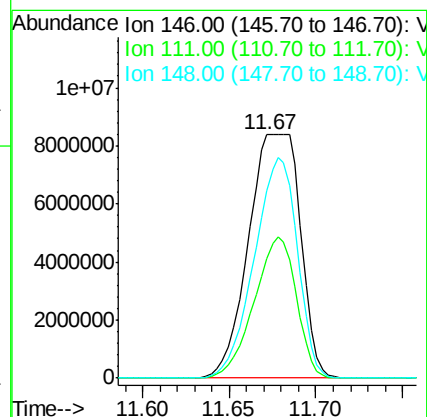
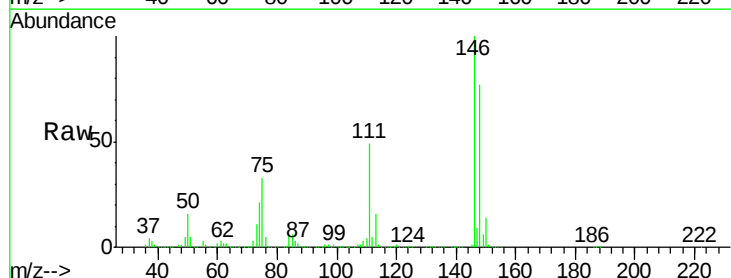
Tgt Ion:146 Resp:17512089

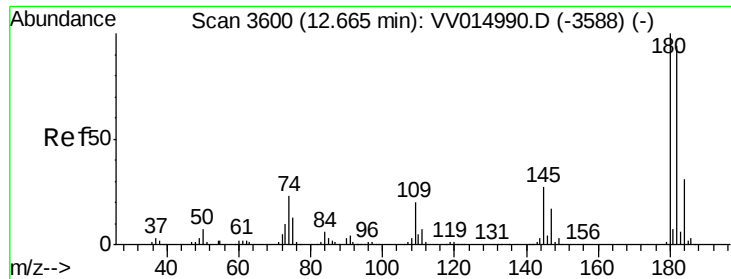
Ion Ratio Lower Upper

146 100

111 49.2 31.6 47.4#

148 76.9 52.2 78.4





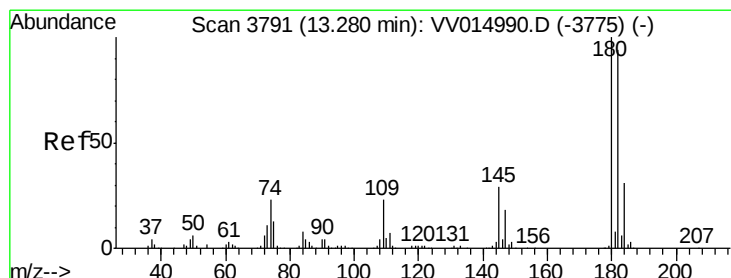
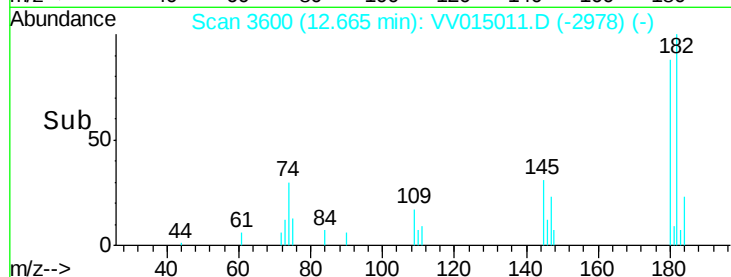
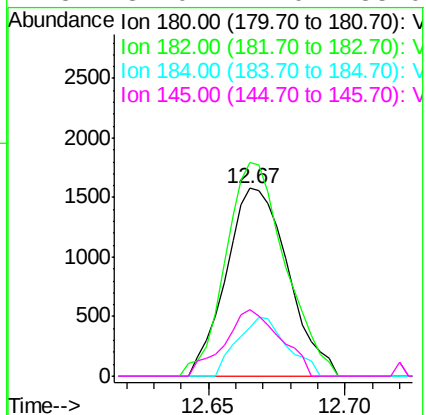
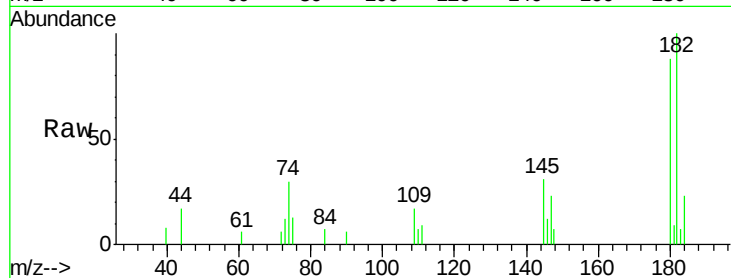
#67
 1,3,5-Trichlorobenzene
 Concen: 0.549 ug/L
 RT: 12.67 min Scan# 3600
 Delta R.T. -0.00 min
 Lab File: VV015011.D
 Acq: 18 Mar 2020 06:49

Instrument :
 MSVOA_V
 ClientSampled :
 C0DB9

Tot Ion	Ratio	Lower	Upper
180	100		
182	109.2	75.7	113.5
184	25.3	24.2	36.4
145	32.0	22.0	33.0

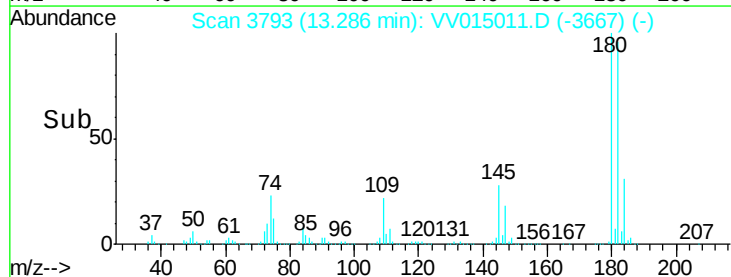
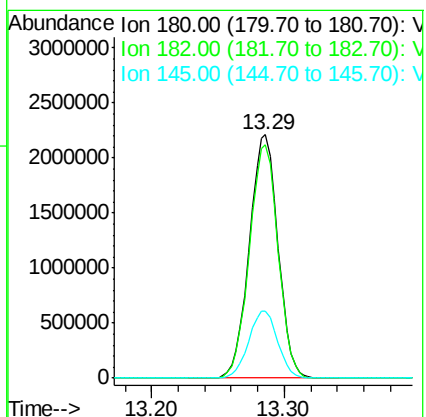
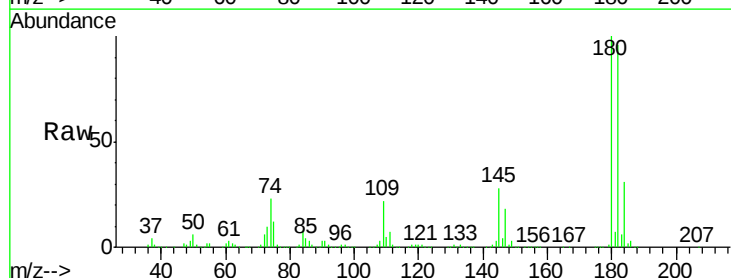
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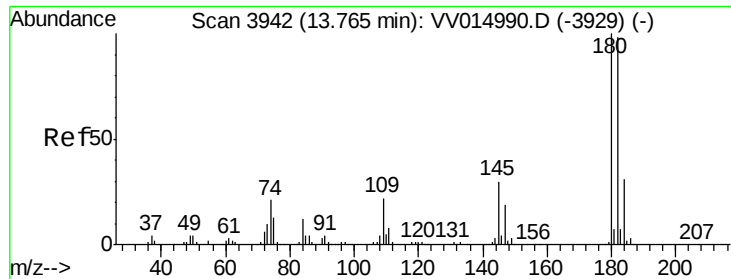
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#68
 1,2,4-trichlorobenzene
 Concen: 817.684 ug/L
 RT: 13.29 min Scan# 3793
 Delta R.T. 0.01 min
 Lab File: VV015011.D
 Acq: 18 Mar 2020 06:49

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.3	76.3	114.5
145	28.0	23.1	34.7





#70
 1,2,3-Trichlorobenzene
 Concen: 130.396 ug/L
 RT: 13.76 min Scan# 3942
 Delta R.T. -0.00 min
 Lab File: VV015011.D
 Acq: 18 Mar 2020 06:49

Instrument :
 MSVOA_V
 ClientSampleId :
 C0DB9

Tot Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	95.5	76.2	114.4
145	29.5	24.1	36.1

Manual Integrations
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