

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031720\
 Data File : VV015010.D
 Acq On : 18 Mar 2020 06:25
 Operator : SY/MD
 Sample : L1941-11
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0DC2

Manual Integrations
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Quant Time: Mar 18 08:59:25 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	316485	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	314579	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	174120	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	74483	35.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	70.66%
7) Chloroethane-d5	1.58	69	59705	38.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	76.26%
11) 1,1-Dichloroethene-d2	2.12	63	96255	29.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.52%#
21) 2-Butanone-d5	3.93	46	100463m	78.15	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	78.15%
24) Chloroform-d	4.38	84	184471	41.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.98%
26) 1,2-Dichloroethane-d4	5.06	65	123631	44.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.84%
32) Benzene-d6	5.08	84	379020	43.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.46%
36) 1,2-Dichloropropane-d6	6.10	67	111489	43.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.40%
41) Toluene-d8	7.34	98	372849	43.50	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.00%
43) trans-1,3-Dichloropropene-	7.64	79	48050	35.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.04%
47) 2-Hexanone-d5	8.12	63	99444	85.37	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.37%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	163397	43.25	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.50%
64) 1,2-Dichlorobenzene-d4	11.65	152	181669m	47.63	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.26%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
25) Chloroform	4.41	83	8205	1.980	ug/L	88
51) Chlorobenzene	8.90	112	4920622	741.845	ug/L	99
62) 1,3-Dichlorobenzene	11.20	146	431248	75.158	ug/L	99
63) 1,4-Dichlorobenzene	11.29	146	1549820	268.136	ug/L	98
65) 1,2-Dichlorobenzene	11.68	146	13611918	2374.871	ug/L	94
68) 1,2,4-trichlorobenzene	13.28	180	2287668	570.526	ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	365653	92.123	ug/L	98

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

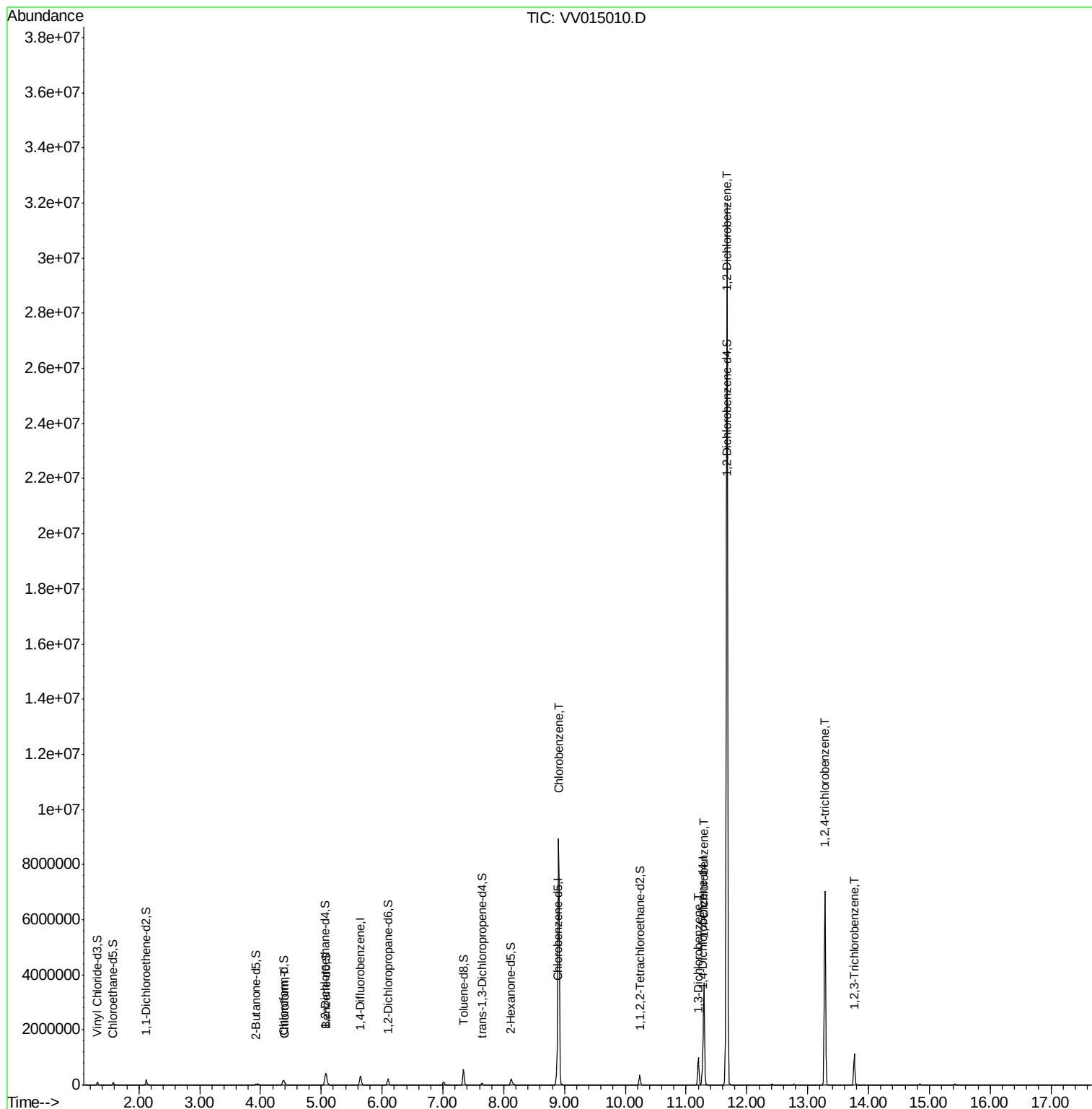
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV031720\
Data File : VV015010.D
Acq On : 18 Mar 2020 06:25
Operator : SY/MD
Sample : L1941-11
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 49 Sample Multiplier: 1

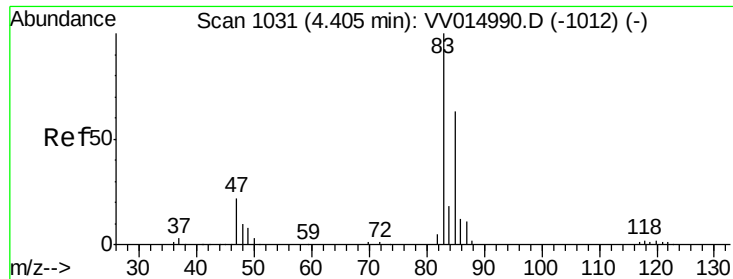
Instrument :
MSVOA_V
ClientSampleId :
C0DC2

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Quant Time: Mar 18 08:59:25 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM031620WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 18 07:43:00 2020
Response via : Initial Calibration





#25

Chloroform

Concen: 1.980 ug/L

RT: 4.41 min Scan# 1032

Delta R.T. 0.00 min

Lab File: VV015010.D

Acq: 18 Mar 2020 06:25

Instrument :

MSVOA_V

ClientSampleId :

C0DC2

Tot Ion: 83 Resp: 8205

Ion Ratio Lower Upper

83 100

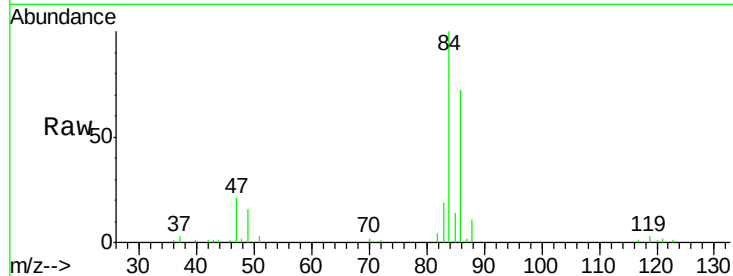
85 72.9 44.6 82.8

Manual Integrations

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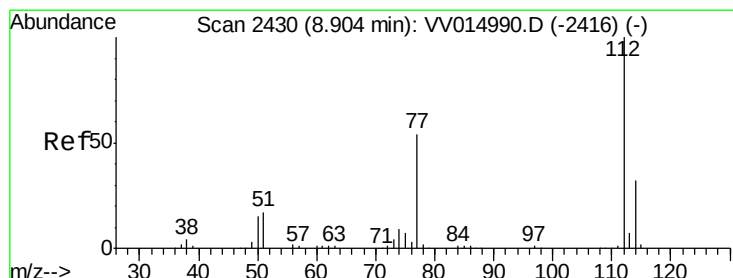
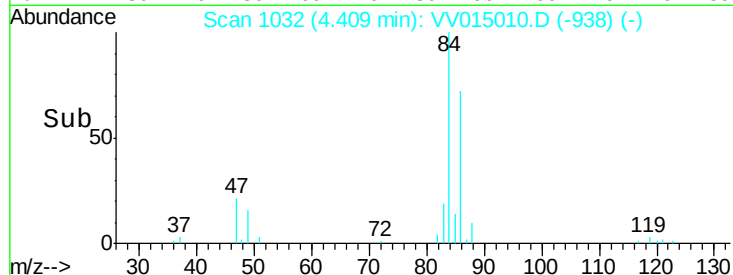
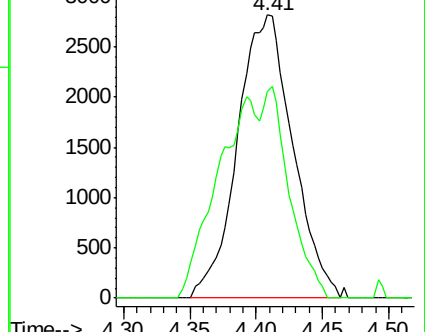
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Abundance Ion 83.00 (82.70 to 83.70): VV014990.D (-1012) (-)

Ion 85.00 (84.70 to 85.70): VV014990.D (-1012) (-)



#51

Chlorobenzene

Concen: 741.845 ug/L

RT: 8.90 min Scan# 2430

Delta R.T. 0.00 min

Lab File: VV015010.D

Acq: 18 Mar 2020 06:25

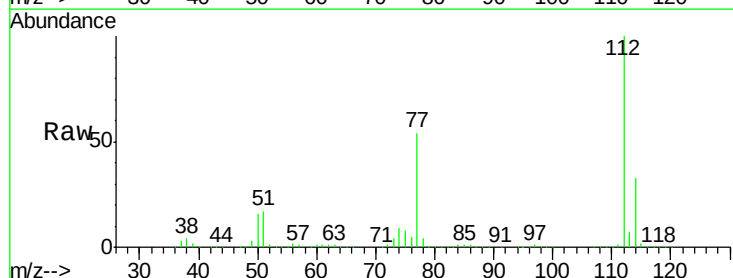
Tgt Ion: 112 Resp: 4920622

Ion Ratio Lower Upper

112 100

114 32.8 22.8 42.4

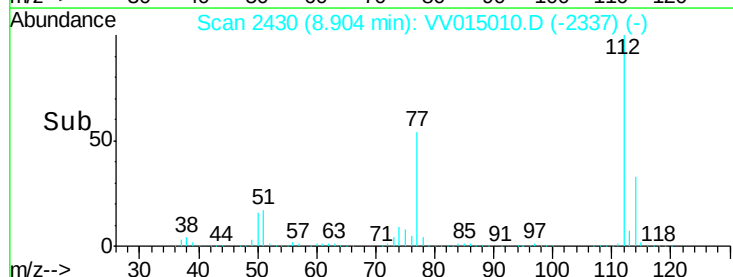
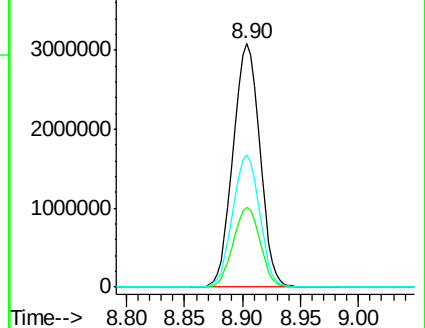
77 54.1 44.5 66.7

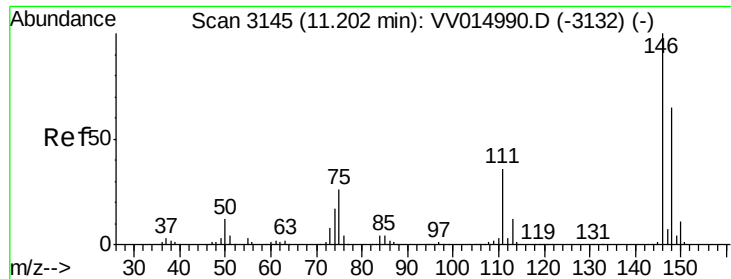


Abundance Ion 112.00 (111.70 to 112.70): VV014990.D (-2416) (-)

Ion 114.00 (113.70 to 114.70): VV014990.D (-2416) (-)

Ion 77.00 (76.70 to 77.70): VV014990.D (-2416) (-)





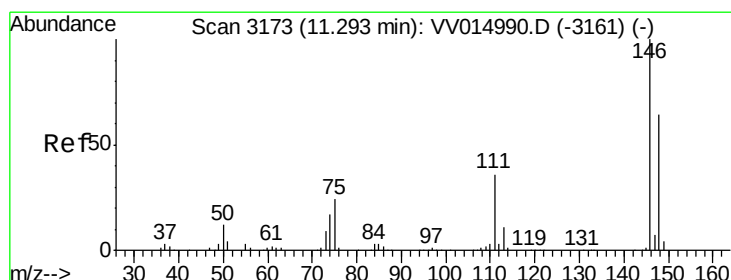
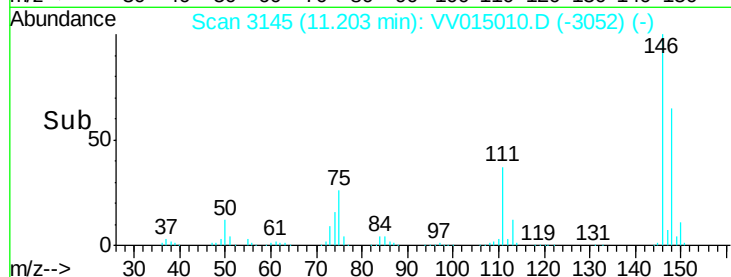
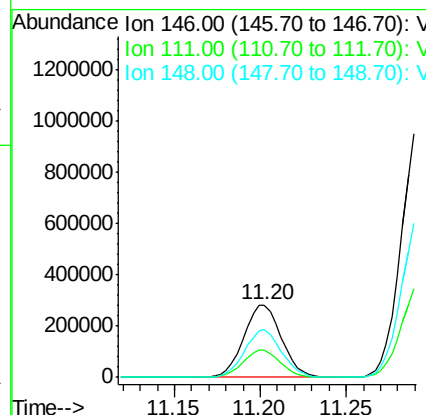
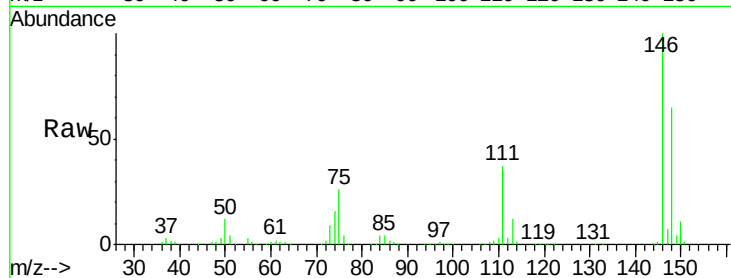
#62
 1,3-Dichlorobenzene
 Concen: 75.158 ug/L
 RT: 11.20 min Scan# 3145
 Delta R.T. 0.00 min
 Lab File: VV015010.D
 Acq: 18 Mar 2020 06:25

Instrument :
 MSVOA_V
 ClientSampleId :
 C0DC2

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.4	26.5	49.3
148	65.3	45.4	84.2

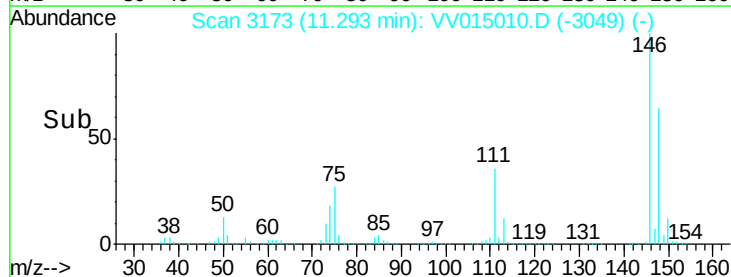
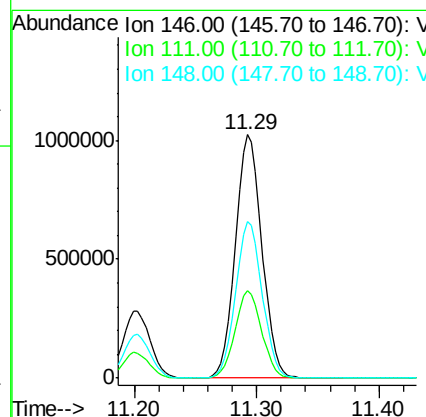
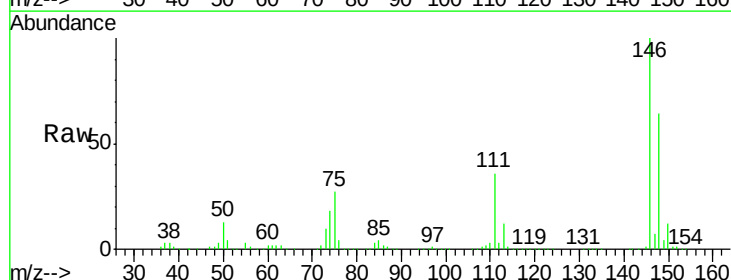
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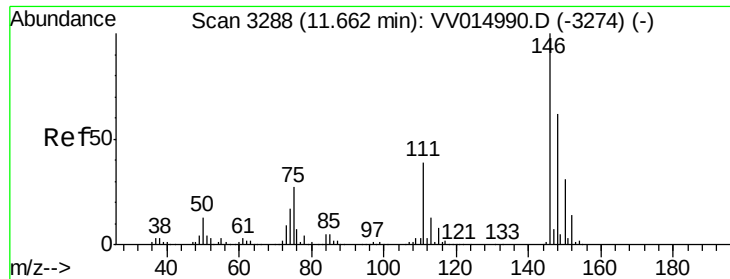
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#63
 1,4-Dichlorobenzene
 Concen: 268.136 ug/L
 RT: 11.29 min Scan# 3173
 Delta R.T. 0.00 min
 Lab File: VV015010.D
 Acq: 18 Mar 2020 06:25

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.0	26.0	48.2
148	64.1	46.1	85.5





#65

1,2-Dichlorobenzene

Concen: 2374.871 ug/L

RT: 11.68 min Scan# 3292

Delta R.T. 0.01 min

Lab File: VV015010.D

Acq: 18 Mar 2020 06:25

Instrument :

MSVOA_V

ClientSampled :

C0DC2

Tot Ion:146 Resp:13611918

Ion Ratio Lower Upper

146 100

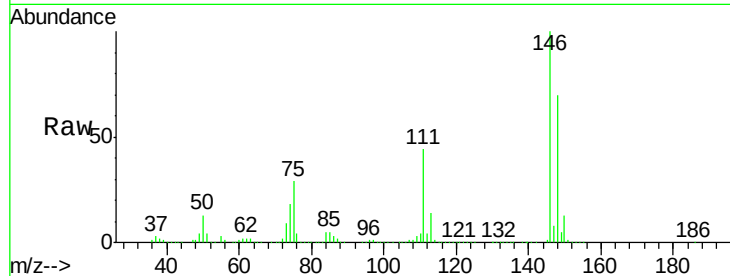
111 43.6 31.6 47.4

148 70.2 52.2 78.4

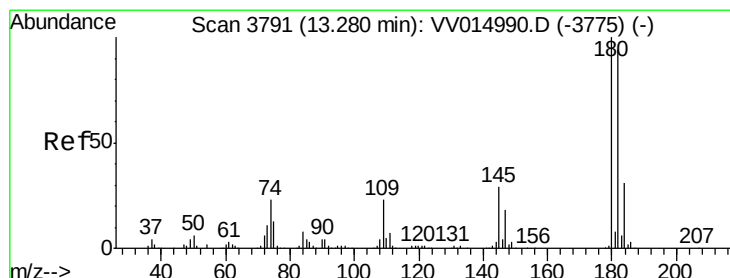
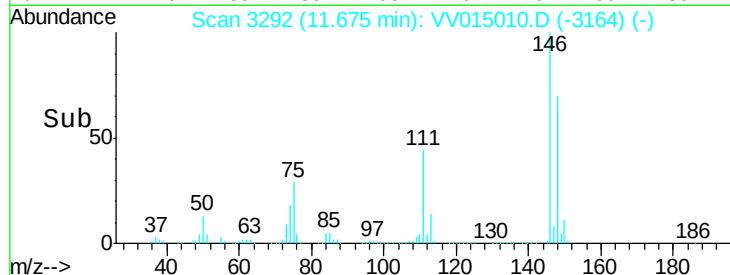
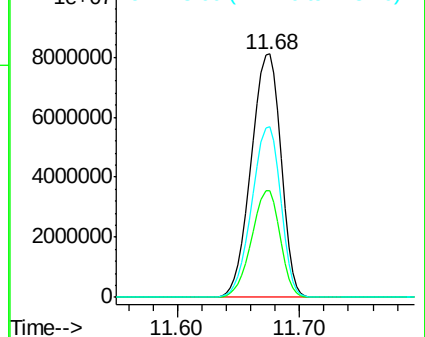
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Abundance Ion 146.00 (145.70 to 146.70): V
Ion 111.00 (110.70 to 111.70): V
Ion 148.00 (147.70 to 148.70): V



#68

1,2,4-trichlorobenzene

Concen: 570.526 ug/L

RT: 13.28 min Scan# 3792

Delta R.T. 0.00 min

Lab File: VV015010.D

Acq: 18 Mar 2020 06:25

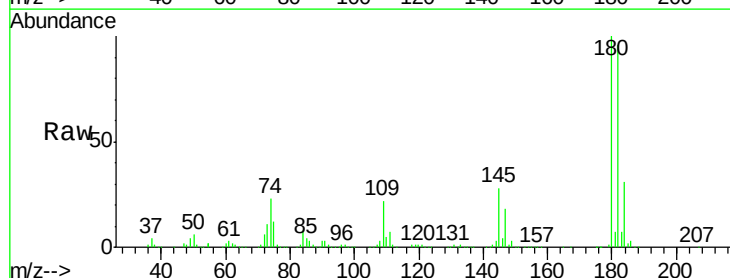
Tgt Ion:180 Resp: 2287668

Ion Ratio Lower Upper

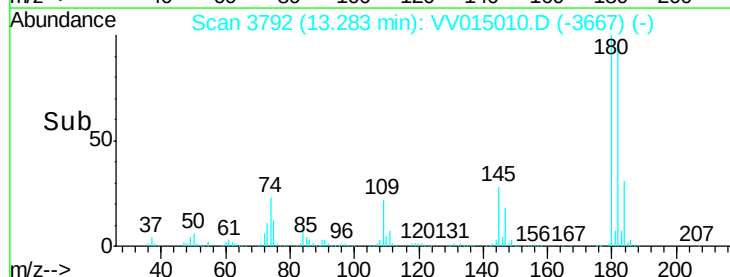
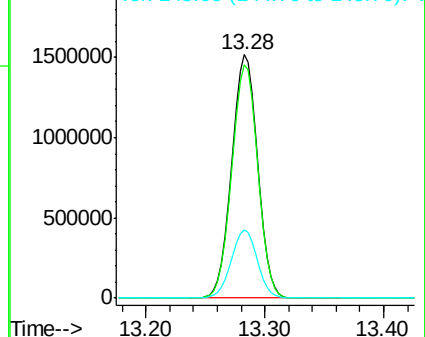
180 100

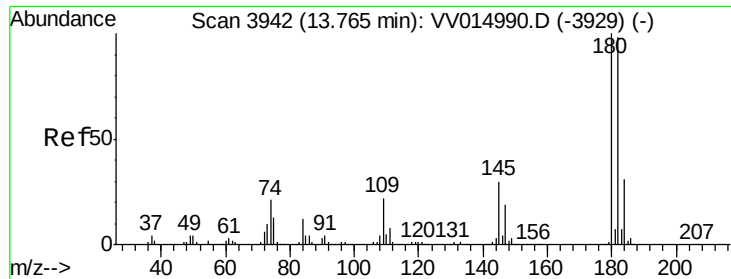
182 96.1 76.3 114.5

145 28.0 23.1 34.7



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





#70
 1,2,3-Trichlorobenzene
 Concen: 92.123 ug/L
 RT: 13.77 min Scan# 3942
 Delta R.T. 0.00 min
 Lab File: VV015010.D
 Acq: 18 Mar 2020 06:25

Instrument :
 MSVOA_V
 ClientSampleId :
 C0DC2

Tot Ion	Ratio	Resp	Lower	Upper
180	100	365653		
182	97.3		76.2	114.4
145	29.5		24.1	36.1

Manual Integrations
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