

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031720\
 Data File : VV014988.D
 Acq On : 17 Mar 2020 21:02
 Operator : SY/MD
 Sample : L1941-06
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0DB6

Manual Integrations
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Quant Time: Mar 18 07:26:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM031620WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 18 05:21:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	347153	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	355601	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.28	152	212591	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	83902	36.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	72.56%
7) Chloroethane-d5	1.58	69	65798	38.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	76.60%
11) 1,1-Dichloroethene-d2	2.12	63	107307	30.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.48%
21) 2-Butanone-d5	3.93	46	104238	73.92	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	73.92%
24) Chloroform-d	4.38	84	197829	41.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.12%
26) 1,2-Dichloroethane-d4	5.06	65	132451	43.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.78%
32) Benzene-d6	5.08	84	407946	41.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.28%
36) 1,2-Dichloropropane-d6	6.10	67	123060	42.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	84.38%
41) Toluene-d8	7.34	98	405195	41.82	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.64%
43) trans-1,3-Dichloropropene-	7.64	79	54363	35.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.10%
47) 2-Hexanone-d5	8.12	63	112471	85.41	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.41%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	182592	42.75	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.50%
64) 1,2-Dichlorobenzene-d4	11.66	152	211792	45.48	ug/L	0.02
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.96%

Target Compounds

					Ovalue
25) Chloroform	4.41	83	7575	1.667 ug/L	97
35) Methylcyclohexane	6.15	83	27594	6.587 ug/L	# 76
46) Tetrachloroethene	8.00	164	1640	0.676 ug/L	94
51) Chlorobenzene	8.91	112	9766024	1302.500 ug/L	98
62) 1,3-Dichlorobenzene	11.21	146	3684116	525.877 ug/L	100
63) 1,4-Dichlorobenzene	11.30	146	16703308m	2366.903 ug/L	
65) 1,2-Dichlorobenzene	11.67	146	25785157m	3684.633 ug/L	
67) 1,3,5-Trichlorobenzene	12.67	180	16648	3.031 ug/L	98
68) 1,2,4-trichlorobenzene	13.29	180	20446557m	4176.441 ug/L	
70) 1,2,3-Trichlorobenzene	13.77	180	3880585	800.752 ug/L	100

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

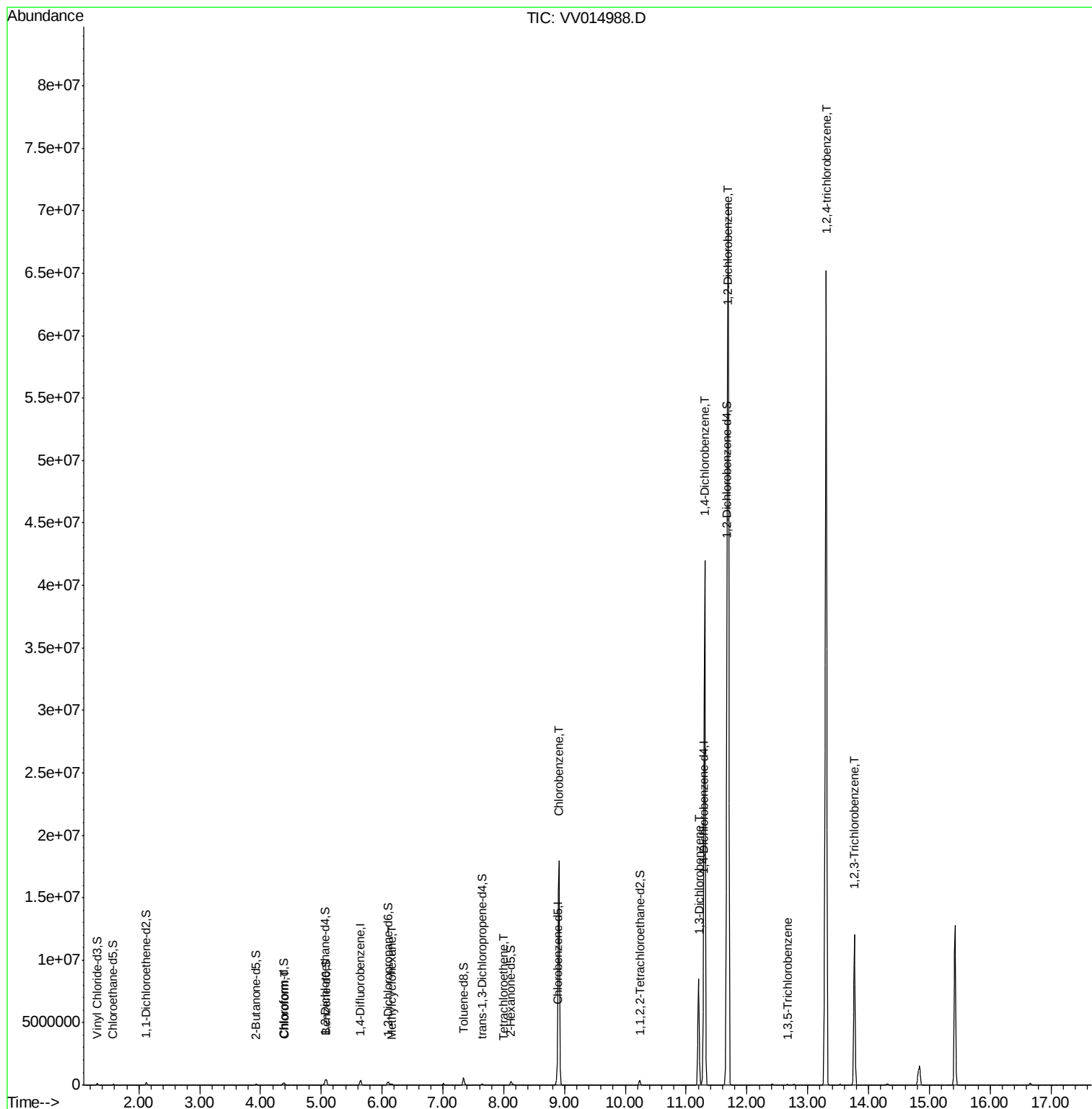
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV031720\
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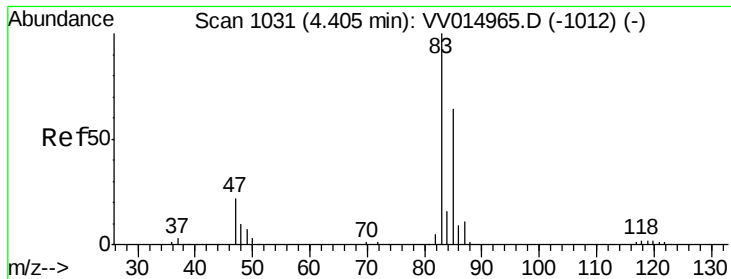
Instrument :
MSVOA_V
ClientSampleId :
C0DB6

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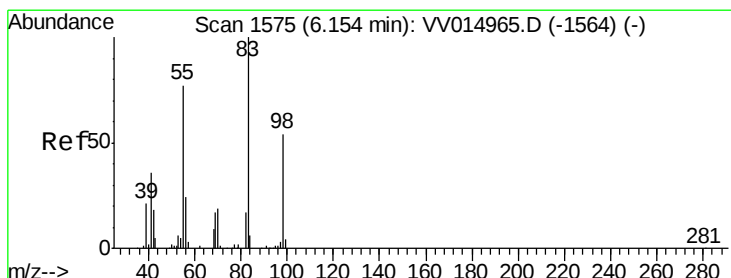
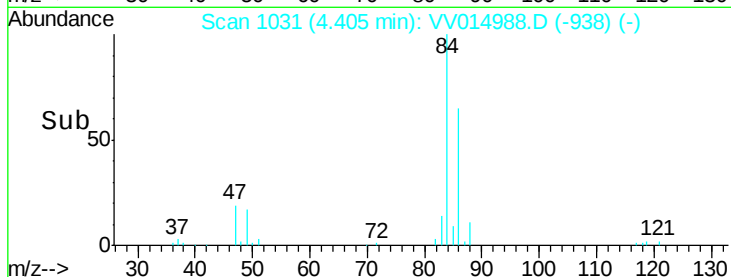
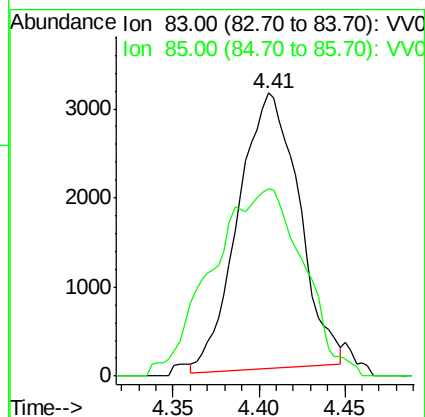
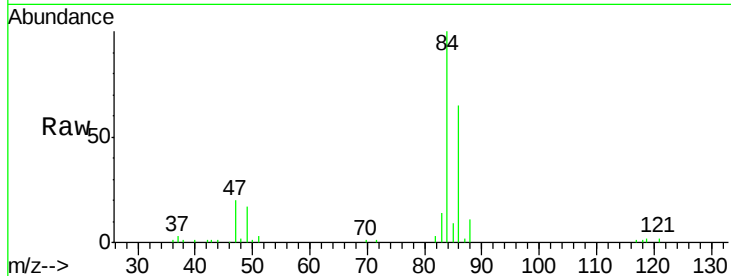
#25
Chloroform
Concen: 1.667 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VV014988.D
Acq: 17 Mar 2020 21:02

Instrument :
MSVOA_V
ClientSampled :
C0DB6

Tot Ion: 83 Resp: 7575
Ion Ratio Lower Upper
83 100
85 66.2 44.6 82.8

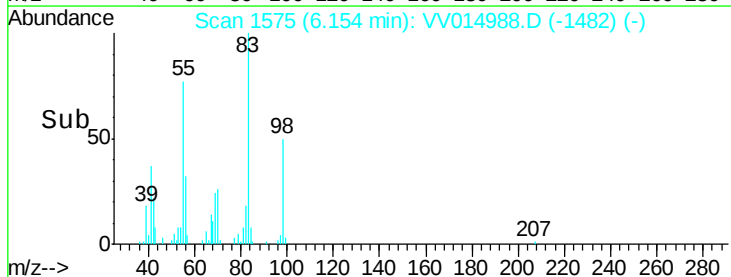
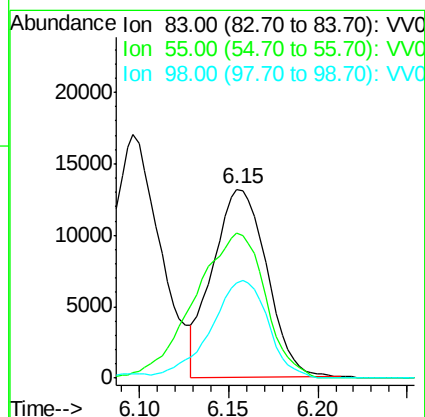
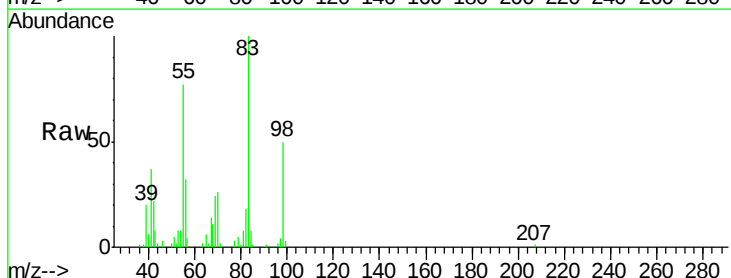
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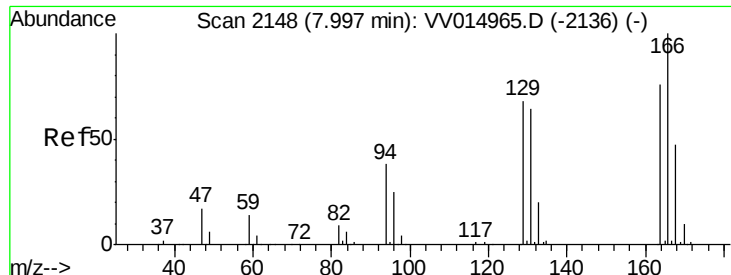
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#35
Methylcyclohexane
Concen: 6.587 ug/L
RT: 6.15 min Scan# 1575
Delta R.T. 0.00 min
Lab File: VV014988.D
Acq: 17 Mar 2020 21:02

Tgt Ion: 83 Resp: 27594
Ion Ratio Lower Upper
83 100
55 100.8 57.5 86.3#
98 55.3 39.5 59.3





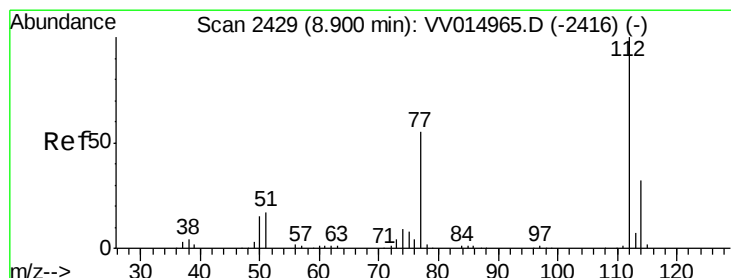
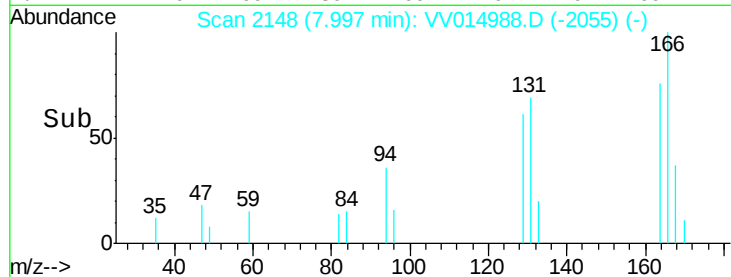
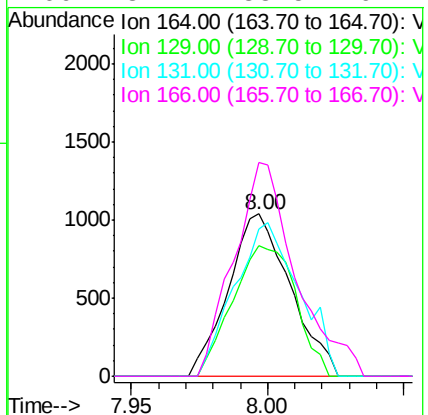
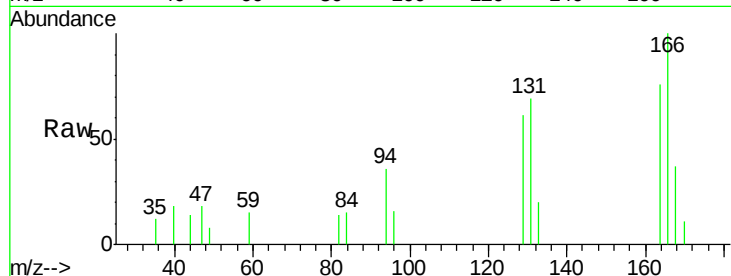
#46
Tetrachloroethene
Concen: 0.676 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. 0.00 min
Lab File: VV014988.D
Acq: 17 Mar 2020 21:02

Instrument :
MSVOA_V
ClientSampled :
C0DB6

Tot Ion	Ratio	Lower	Upper
164	100		
129	80.2	62.0	115.2
131	90.2	59.5	110.5
166	131.4	88.5	164.4

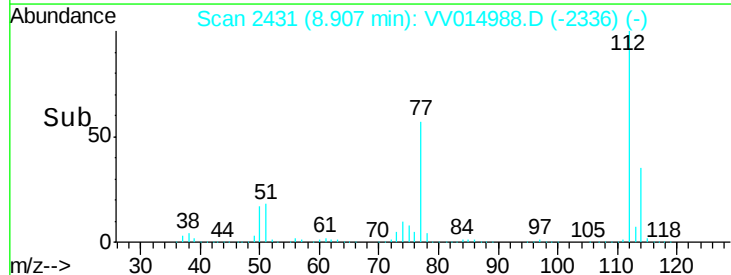
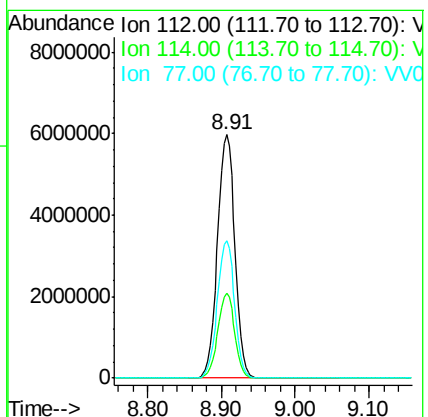
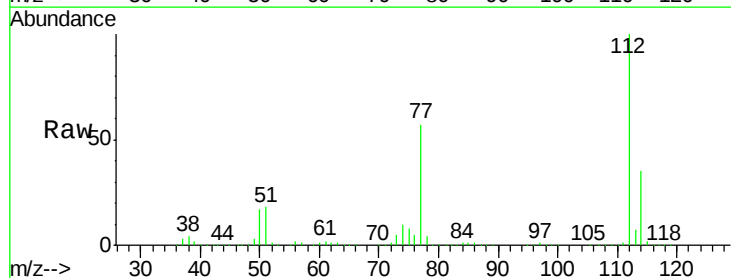
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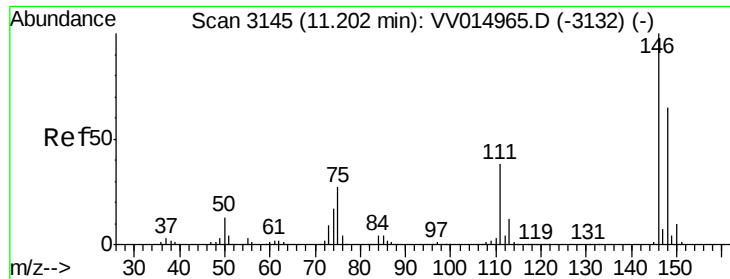
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#51
Chlorobenzene
Concen: 1302.500 ug/L
RT: 8.91 min Scan# 2431
Delta R.T. 0.01 min
Lab File: VV014988.D
Acq: 17 Mar 2020 21:02

Tgt Ion	Ratio	Lower	Upper
112	100		
114	34.7	22.8	42.4
77	56.6	44.5	66.7





#62

1,3-Dichlorobenzene

Concen: 525.877 ug/L

RT: 11.21 min Scan# 3146

Delta R.T. 0.00 min

Lab File: VV014988.D

Acq: 17 Mar 2020 21:02

Instrument :

MSVOA_V

ClientSampled :

C0DB6

Tot Ion:146 Resp: 3684116

Ion Ratio Lower Upper

146 100

111 37.7 26.5 49.3

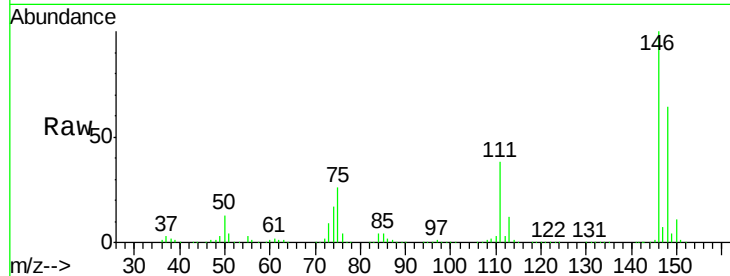
148 64.5 45.4 84.2

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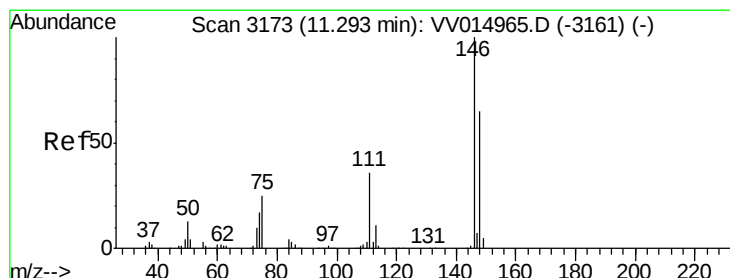
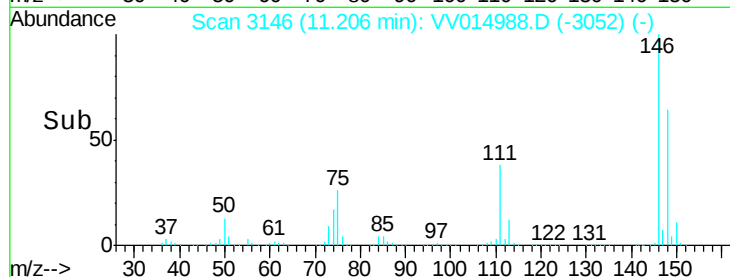
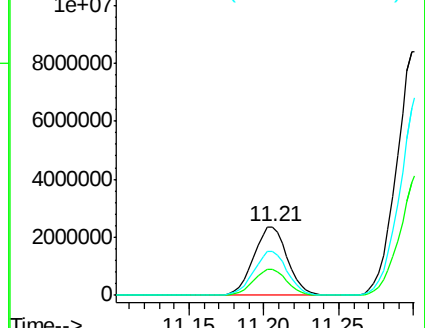
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Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#63

1,4-Dichlorobenzene

Concen: 2366.903 ug/L m

RT: 11.30 min Scan# 3175

Delta R.T. 0.01 min

Lab File: VV014988.D

Acq: 17 Mar 2020 21:02

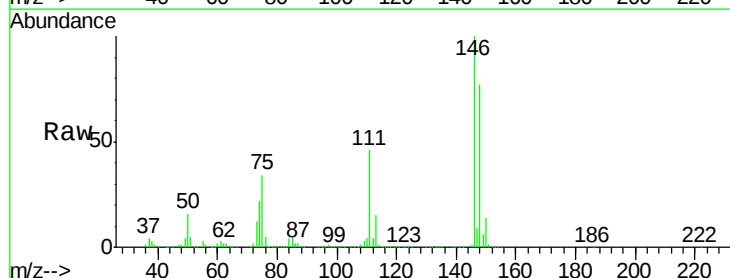
Tgt Ion:146 Resp:16703308

Ion Ratio Lower Upper

146 100

111 46.4 26.0 48.2

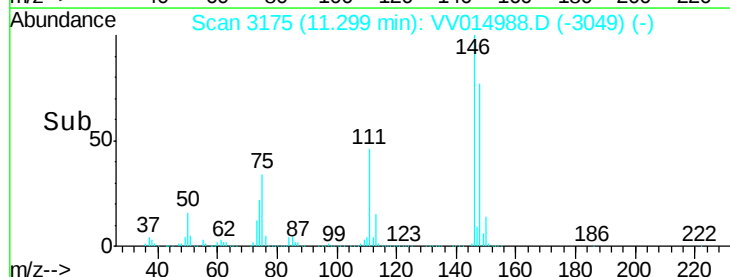
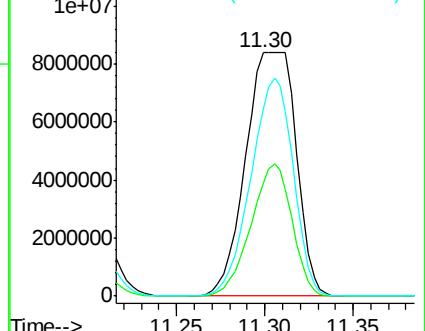
148 76.8 46.1 85.5

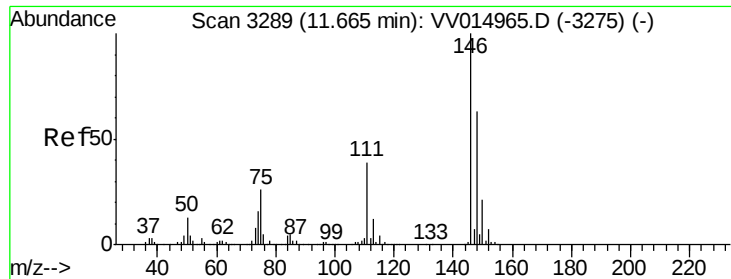


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#65

1,2-Dichlorobenzene

Concen: 3684.633 ug/L m

RT: 11.67 min Scan# 3291

Delta R.T. 0.01 min

Lab File: VV014988.D

Acq: 17 Mar 2020 21:02

Instrument :

MSVOA_V

ClientSampled :

C0DB6

Tot Ion:146 Resp:25785157

Ion Ratio Lower Upper

146 100

111 53.8 31.6 47.4#

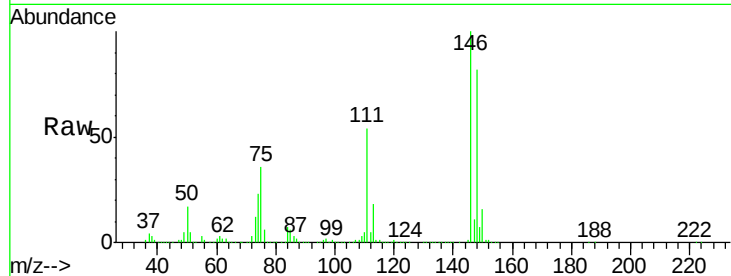
148 81.5 52.2 78.4#

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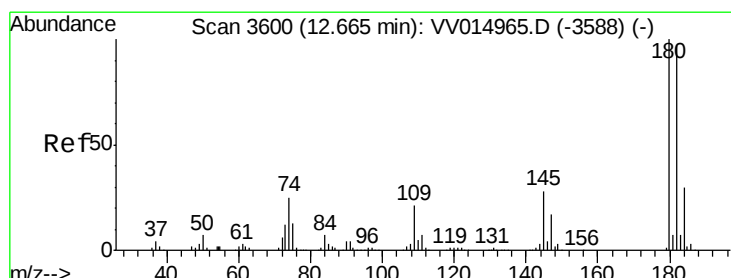
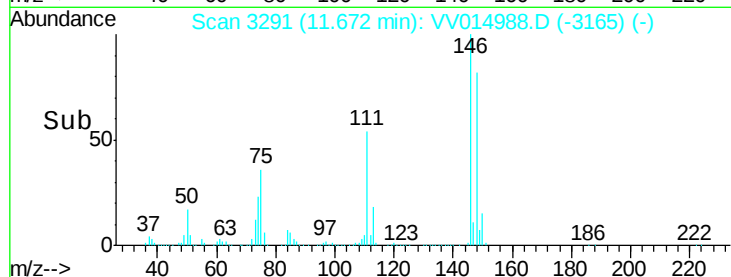
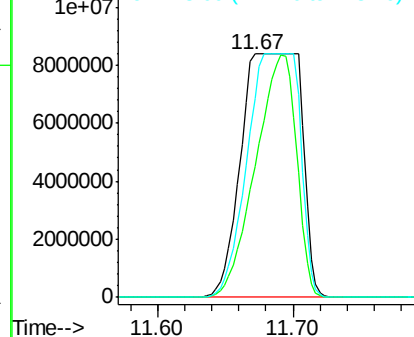
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Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#67

1,3,5-Trichlorobenzene

Concen: 3.031 ug/L

RT: 12.67 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VV014988.D

Acq: 17 Mar 2020 21:02

Tgt Ion:180 Resp: 16648

Ion Ratio Lower Upper

180 100

182 93.8 75.7 113.5

184 28.1 24.2 36.4

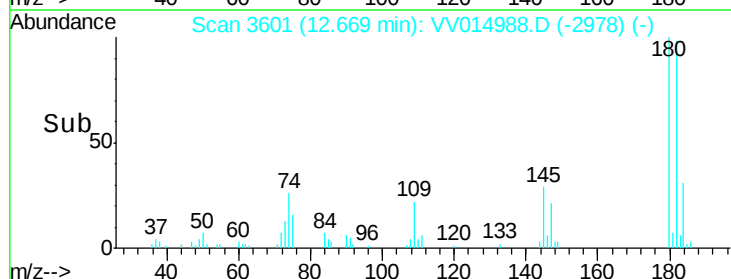
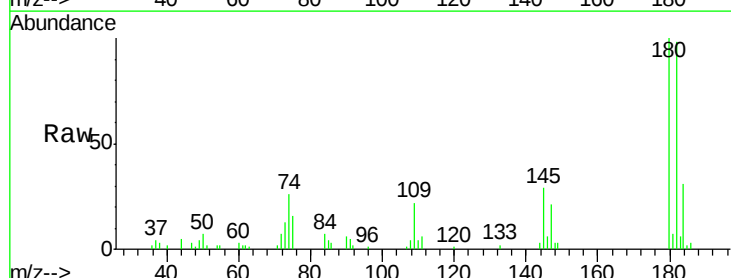
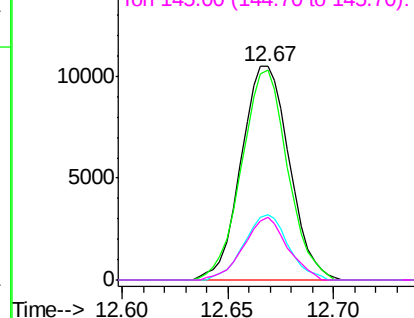
145 26.7 22.0 33.0

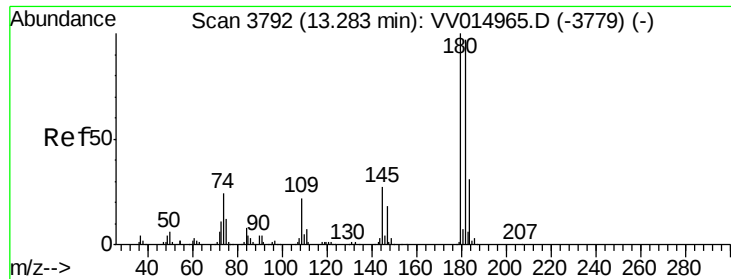
Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 184.00 (183.70 to 184.70): V

Ion 145.00 (144.70 to 145.70): V





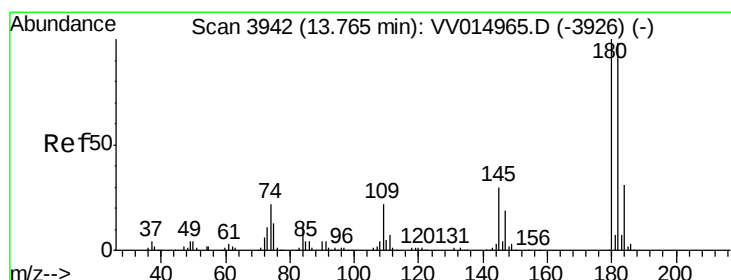
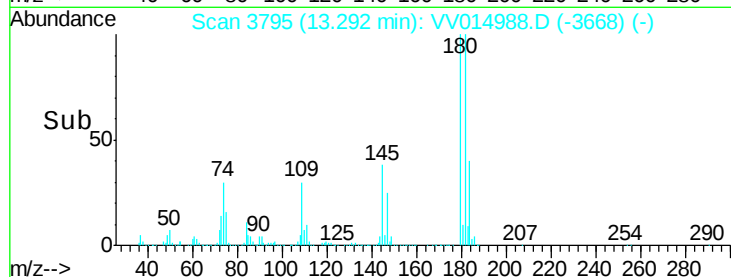
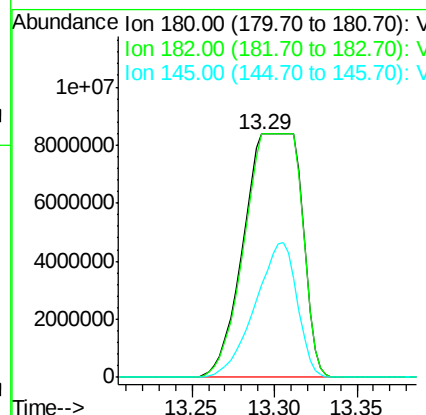
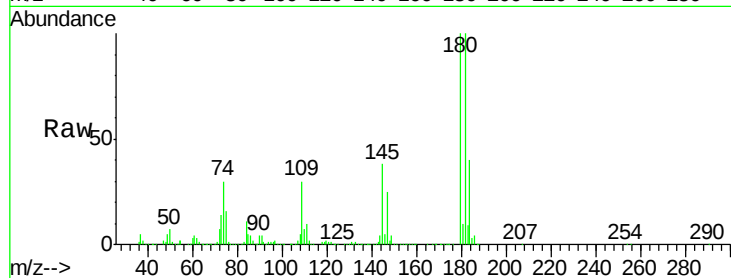
#68
 1,2,4-trichlorobenzene
 Concen: 4176.441 ug/L m
 RT: 13.29 min Scan# 3795
 Delta R.T. 0.01 min
 Lab File: VV014988.D
 Acq: 17 Mar 2020 21:02

Instrument :
 MSVOA_V
 ClientSampled :
 C0DB6

Tot Ion:180 Resp:20446557
 Ion Ratio Lower Upper
 180 100
 182 0.0 76.3 114.5#
 145 0.0 23.1 34.7#

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#70
 1,2,3-Trichlorobenzene
 Concen: 800.752 ug/L
 RT: 13.77 min Scan# 3943
 Delta R.T. 0.00 min
 Lab File: VV014988.D
 Acq: 17 Mar 2020 21:02

Tgt Ion:180 Resp: 3880585
 Ion Ratio Lower Upper
 180 100
 182 95.6 76.2 114.4
 145 30.0 24.1 36.1

