

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VOX092920\
 Data File : VX018683.D
 Acq On : 30 Sep 2020 02:20
 Operator : JC/SP
 Sample : L4135-01DL 100X
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 BG0Q5DL

Manual Integrations
 APPROVED

MMDadoda
 10/1/2020 10:07:00 AM

Quant Time: Sep 30 08:57:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Sep 30 07:04:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	224124	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	217369	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.07	152	101880	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	49877	4.25	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.00%
7) Chloroethane-d5	1.70	69	45919	4.64	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.80%
11) 1,1-Dichloroethene-d2	2.34	63	95377	3.68	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.60%
20) 2-Butanone-d5	4.56	46	166552	55.69	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.38%
24) Chloroform-d	5.14	84	135725	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
26) 1,2-Dichloroethane-d4	6.04	65	76650	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.60%
32) Benzene-d6	6.05	84	233333	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.00%
36) 1,2-Dichloropropane-d6	7.37	67	74580	4.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.60%
41) Toluene-d8	8.70	98	204623	4.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.00%
45) trans-1,3-Dichloropropene-	8.99	79	28944	4.25	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.00%
48) 2-Hexanone-d5	9.43	63	125084	51.37	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.74%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	56428	4.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.20%
65) 1,2-Dichlorobenzene-d4	12.36	152	83635	5.02	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.40%

Target Compounds

					Ovalue
8) Chloroethane	1.71	64	1327m	0.199	ug/L
16) Methylene chloride	2.83	84	5270	0.353	ug/L
33) Benzene	6.12	78	437533	10.440	ug/L
35) Methylcyclohexane	7.45	83	2525	0.150	ug/L #
42) Toluene	8.76	91	278573	6.154	ug/L
53) Chlorobenzene	10.12	112	351036	11.739	ug/L
54) Ethylbenzene	10.24	91	18384	0.373	ug/L
55) m,p-xylene	10.34	106	4251	0.225	ug/L
56) o-xylene	10.68	106	6140	0.345	ug/L
58) Isopropylbenzene	11.01	105	21444	0.449	ug/L #
63) 1,3-Dichlorobenzene	12.01	146	2416	0.109	ug/L
64) 1,4-Dichlorobenzene	12.08	146	11412	0.510	ug/L
66) 1,2-Dichlorobenzene	12.38	146	5180	0.251	ug/L

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

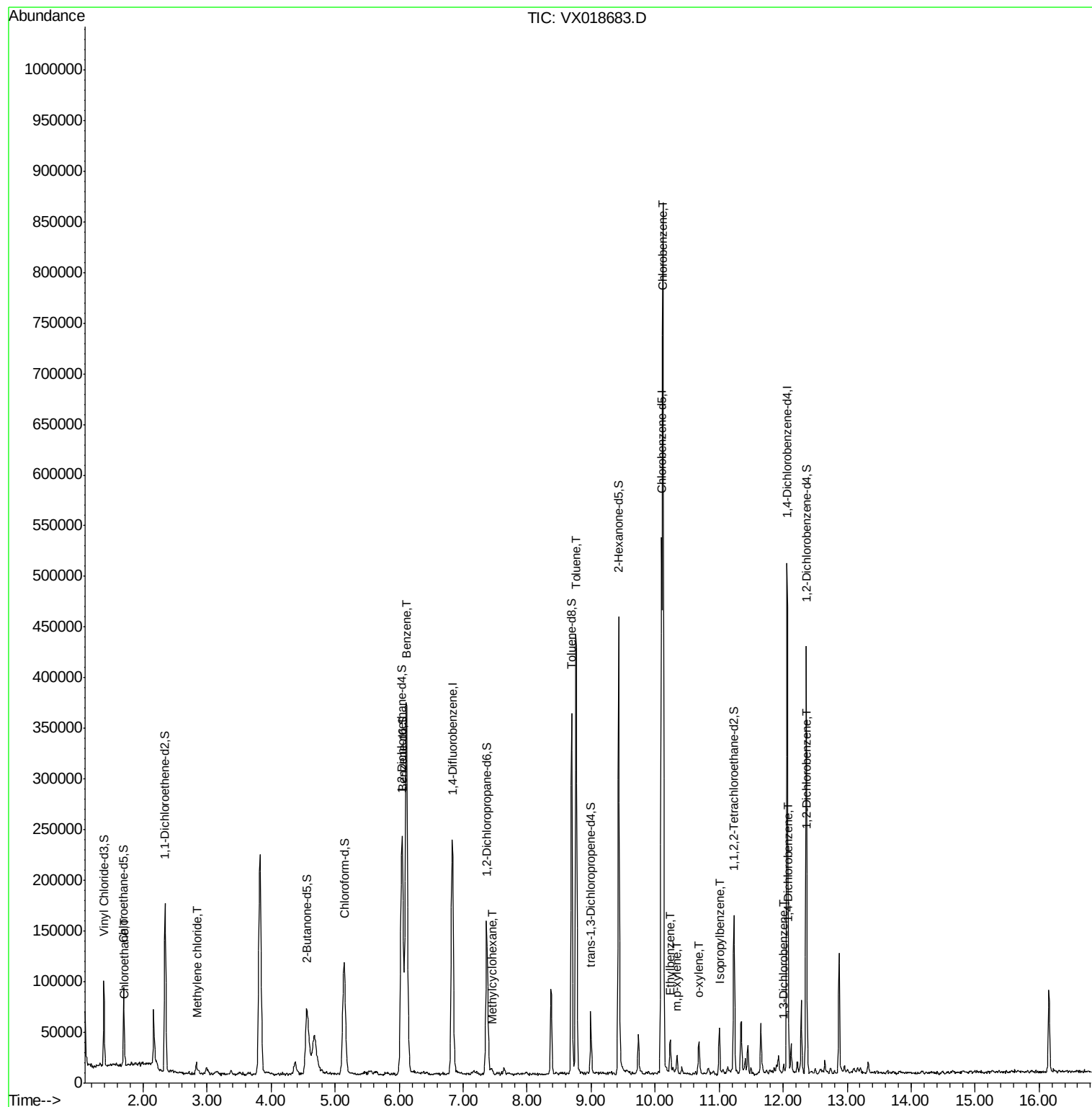
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX092920\
Data File : VX018683.D
Acq On : 30 Sep 2020 02:20
Operator : JC/SP
Sample : L4135-01DL 100X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 44 Sample Multiplier: 1

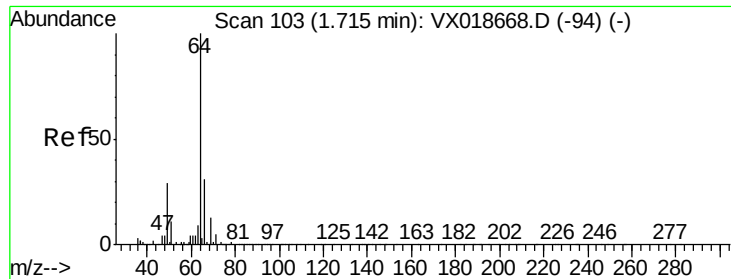
Instrument :
MSVOA_X
ClientSampleId :
BG0Q5DL

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Quant Time: Sep 30 08:57:38 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Sep 30 07:04:14 2020
Response via : Initial Calibration





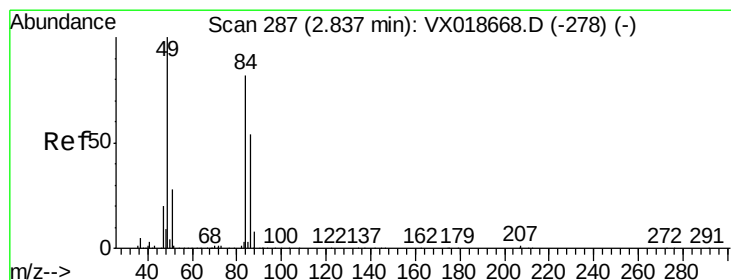
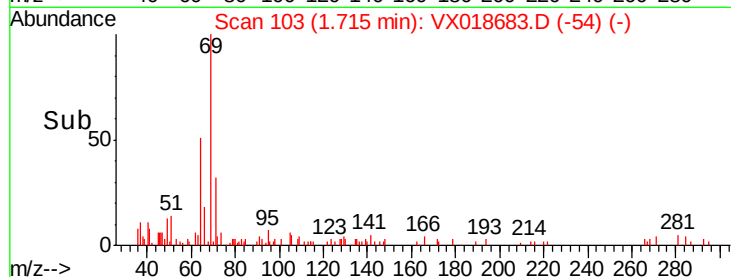
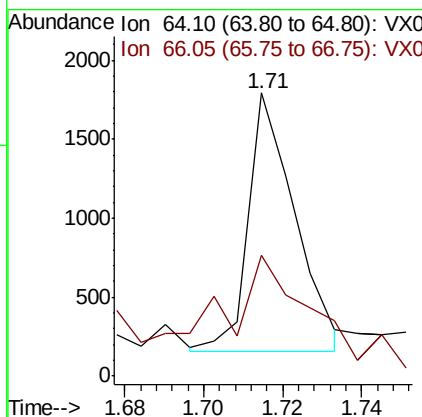
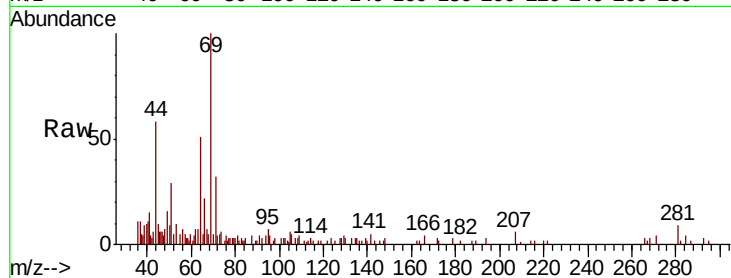
#8
Chloroethane
Concen: 0.199 ug/L m
RT: 1.71 min Scan# 103
Delta R.T. -0.00 min
Lab File: VX018683.D
Acq: 30 Sep 2020 02:20

Instrument :
MSVOA_X
ClientSampleId :
BG0Q5DL

Tot Ion	Ratio	Lower	Upper
64	100		
66	42.7	22.3	41.3#

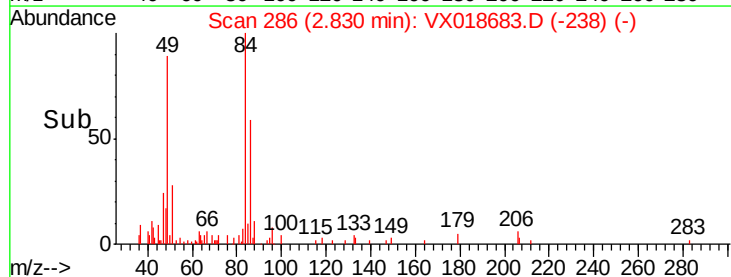
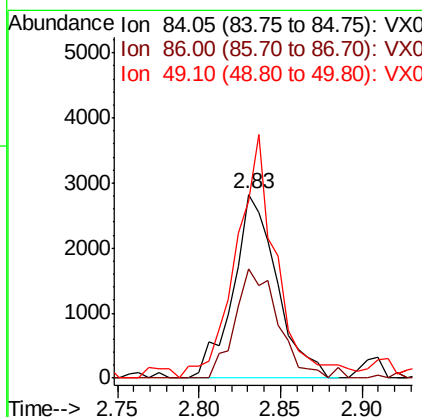
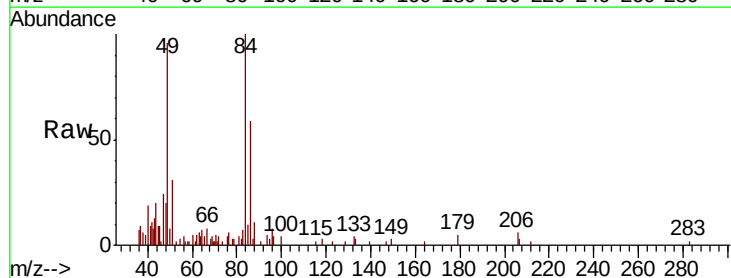
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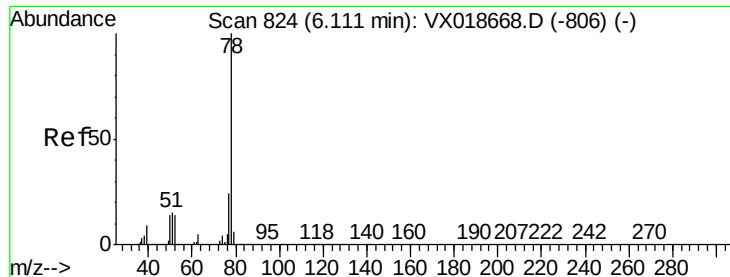
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#16
Methylene chloride
Concen: 0.353 ug/L
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX018683.D
Acq: 30 Sep 2020 02:20

Tgt Ion	Ratio	Lower	Upper
84	100		
86	59.2	41.9	77.7
49	96.1	80.8	150.2





#33

Benzene

Concen: 10.440 ug/L

RT: 6.12 min Scan# 825

Delta R.T. 0.01 min

Lab File: VX018683.D

Acq: 30 Sep 2020 02:20

Instrument :

MSVOA_X

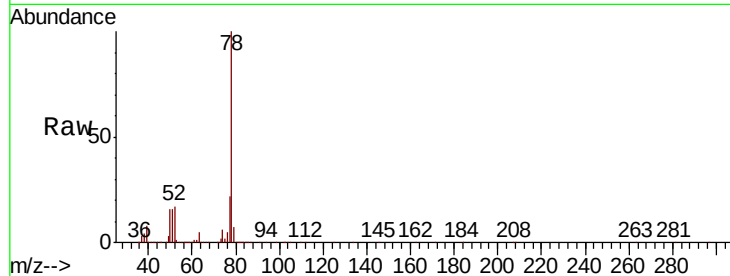
ClientSampleId :

BG0Q5DL

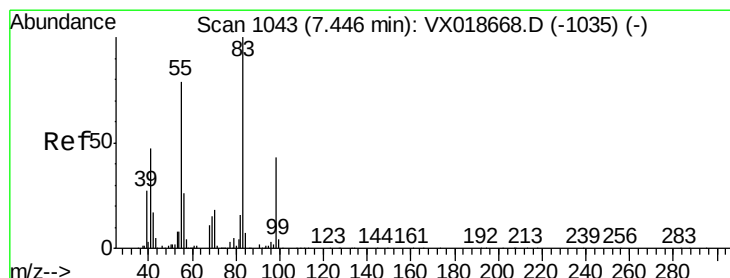
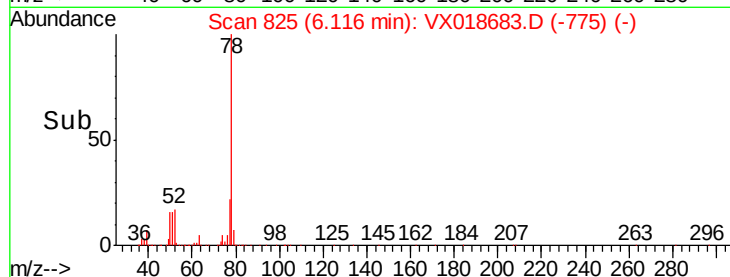
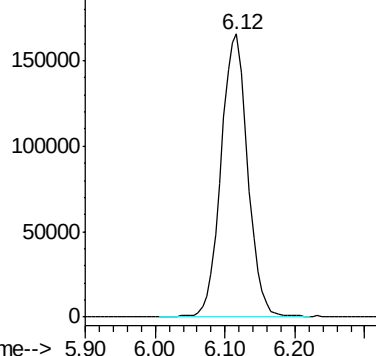
Tgt Ion: 78 Resp: 437533

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Abundance Ion 78.10 (77.80 to 78.80): VX0



#35

Methylcyclohexane

Concen: 0.150 ug/L

RT: 7.45 min Scan# 1044

Delta R.T. 0.01 min

Lab File: VX018683.D

Acq: 30 Sep 2020 02:20

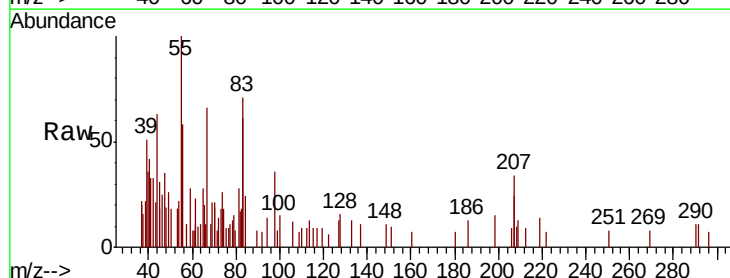
Tgt Ion: 83 Resp: 2525

Ion Ratio Lower Upper

83 100

55 8.0 67.4 101.0#

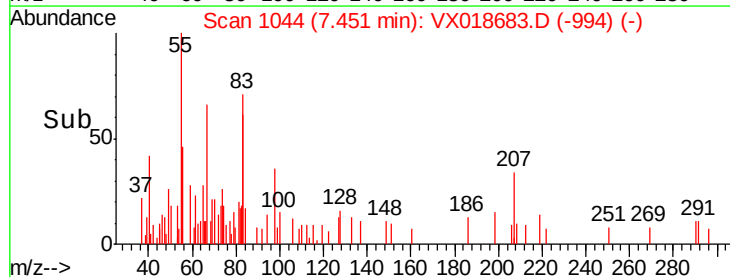
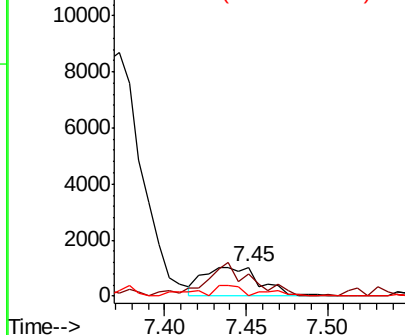
98 6.8 41.1 61.7#

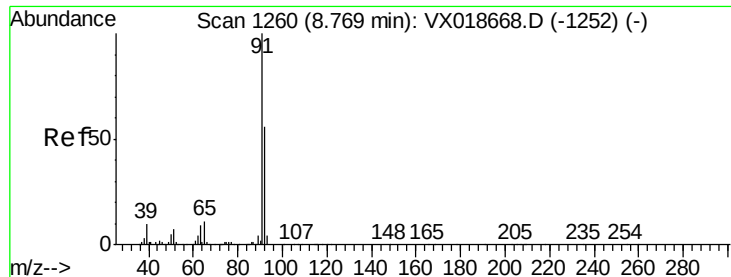


Abundance Ion 83.15 (82.85 to 83.85): VX0

Ion 55.10 (54.80 to 55.80): VX0

Ion 98.15 (97.85 to 98.85): VX0





#42

Toluene

Concen: 6.154 ug/L

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX018683.D

Acq: 30 Sep 2020 02:20

Instrument :

MSVOA_X

ClientSampleId :

BG0Q5DL

Tot Ion: 91 Resp: 278573

Ion Ratio Lower Upper

91 100

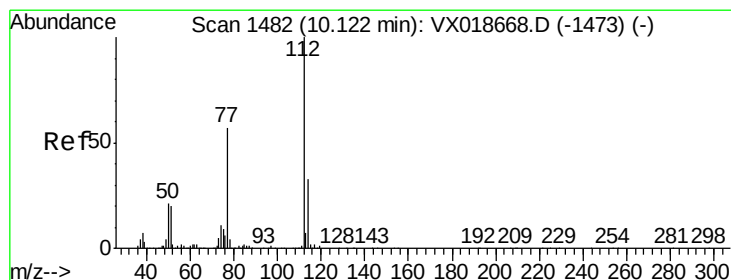
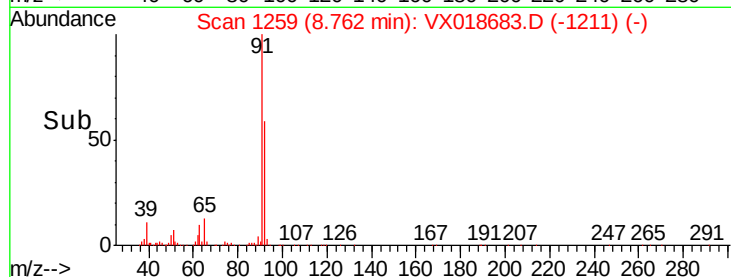
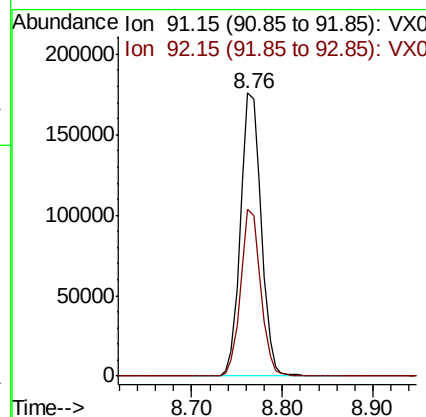
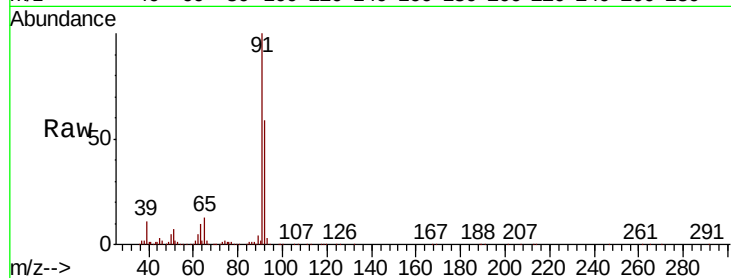
92 58.8 41.1 76.3

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#53

Chlorobenzene

Concen: 11.739 ug/L

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX018683.D

Acq: 30 Sep 2020 02:20

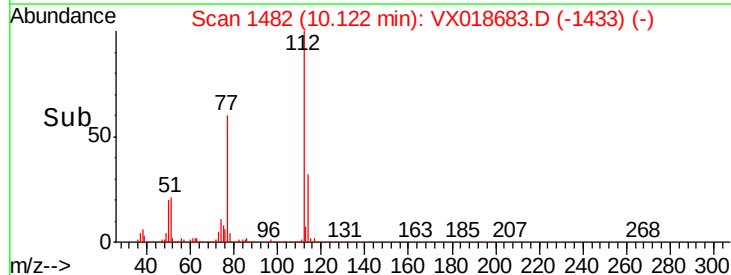
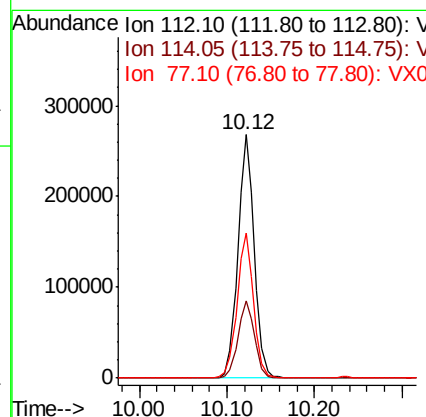
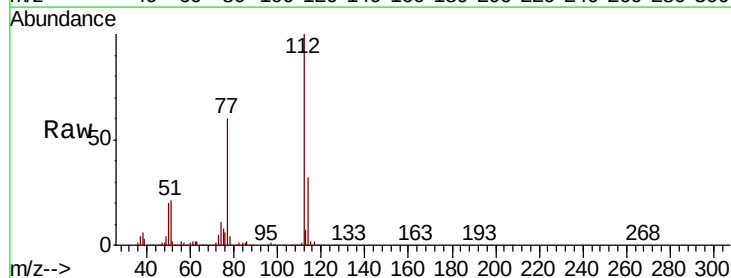
Tgt Ion: 112 Resp: 351036

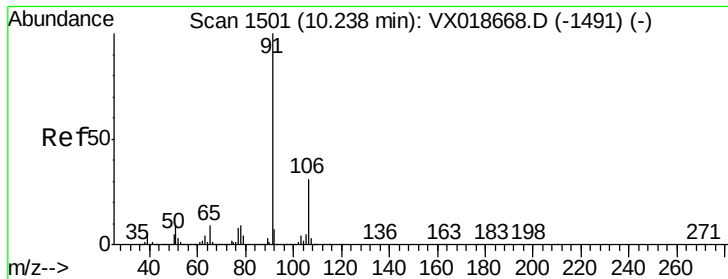
Ion Ratio Lower Upper

112 100

114 31.9 20.6 38.4

77 59.8 46.6 69.8





#54

Ethylbenzene

Concen: 0.373 ug/L

RT: 10.24 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VX018683.D

Acq: 30 Sep 2020 02:20

Instrument :

MSVOA_X

ClientSampleId :

BG0Q5DL

Tot Ion: 91 Resp: 18384

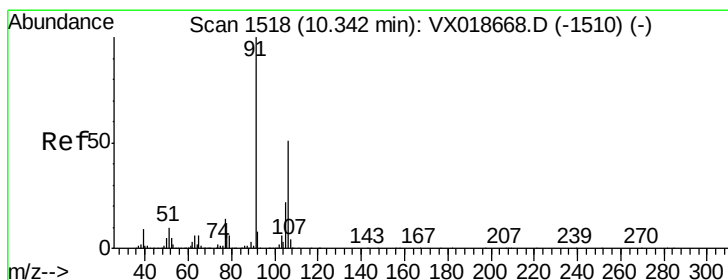
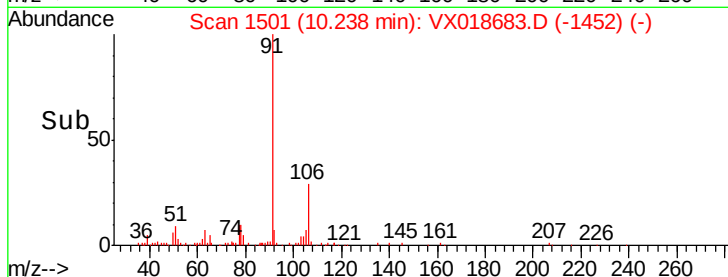
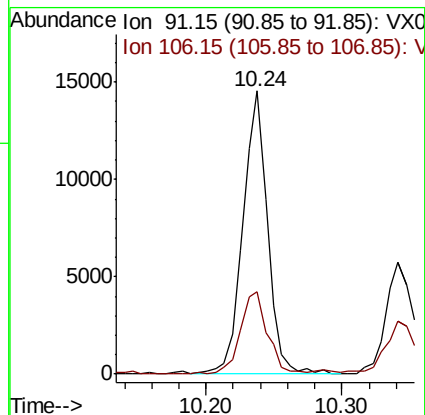
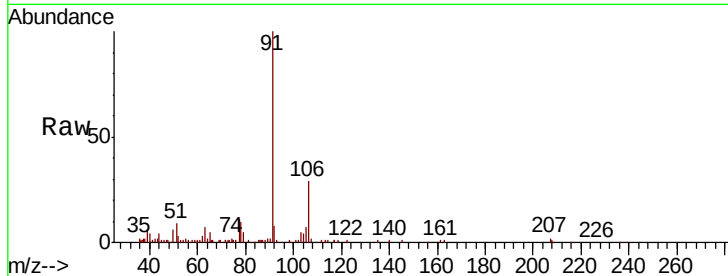
Ion Ratio Lower Upper

91 100

106 28.9 21.0 39.0

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#55

m,p-xylene

Concen: 0.225 ug/L

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX018683.D

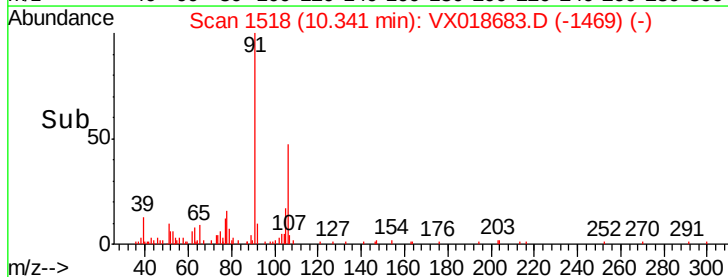
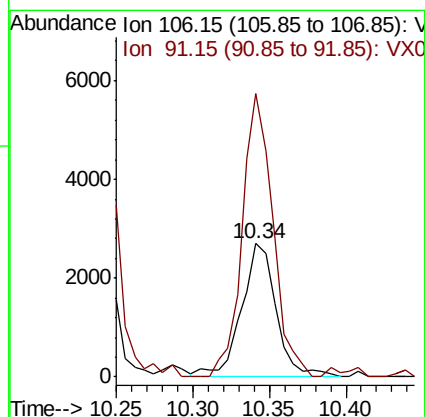
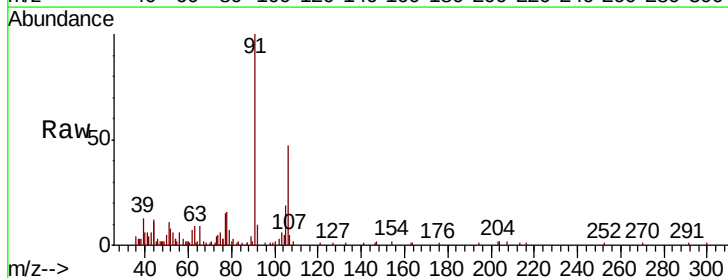
Acq: 30 Sep 2020 02:20

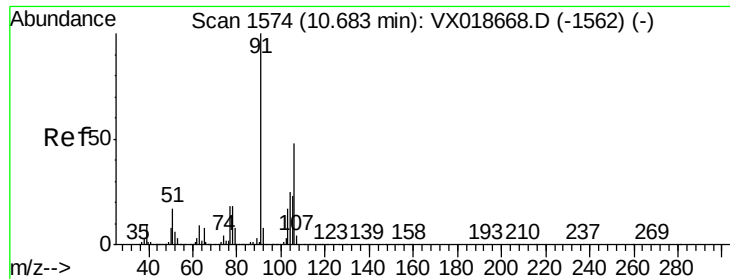
Tgt Ion: 106 Resp: 4251

Ion Ratio Lower Upper

106 100

91 212.5 140.3 260.6





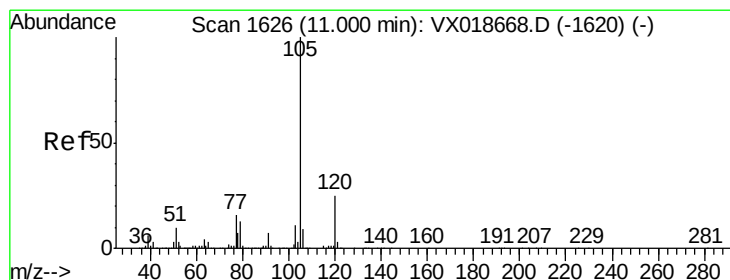
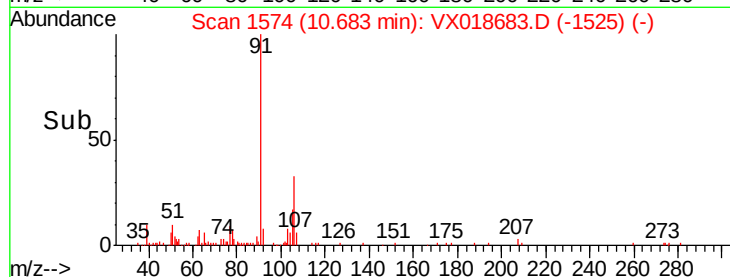
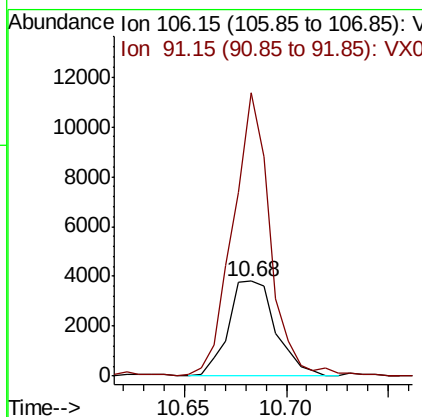
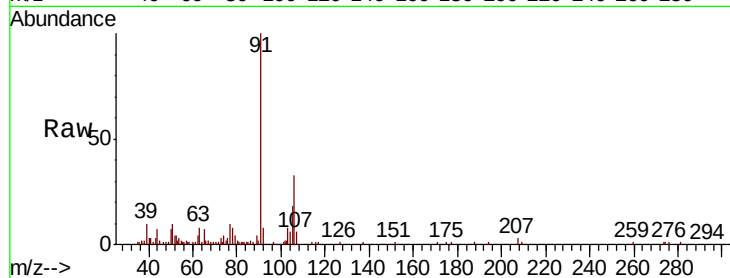
#56
o-xylene
Concen: 0.345 ug/L
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX018683.D
Acq: 30 Sep 2020 02:20

Instrument :
MSVOA_X
ClientSampleId :
BG0Q5DL

Tot Ion	Ratio	Lower	Upper
106	100		
91	298.8	167.5	311.1

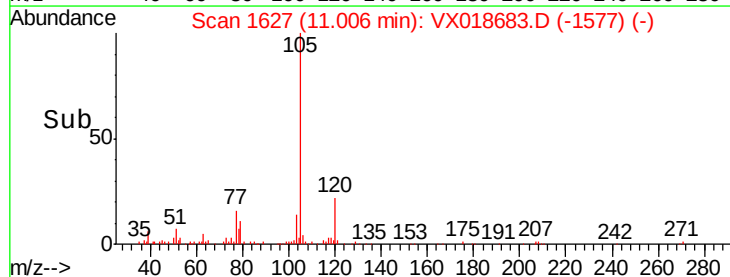
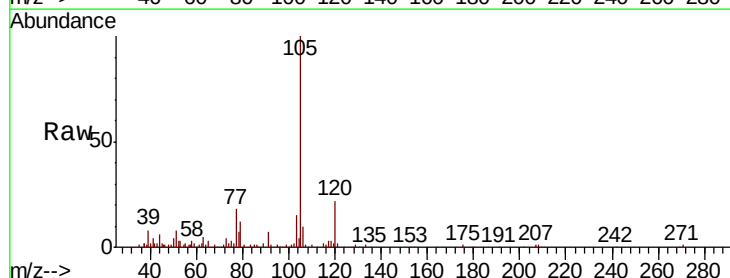
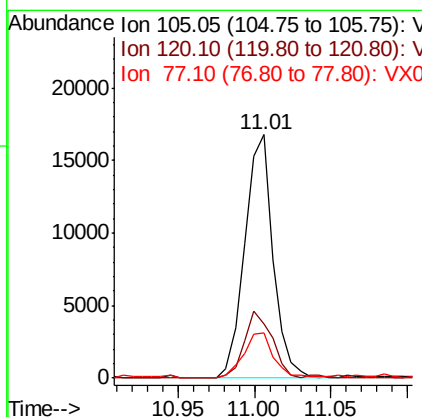
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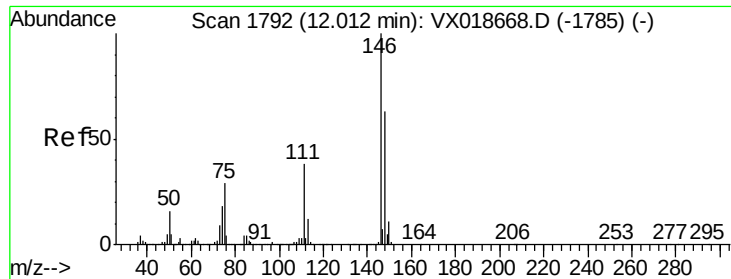
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#58
Isopropylbenzene
Concen: 0.449 ug/L
RT: 11.01 min Scan# 1627
Delta R.T. 0.01 min
Lab File: VX018683.D
Acq: 30 Sep 2020 02:20

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.9	21.2	31.8
77	20.0	13.3	19.9#





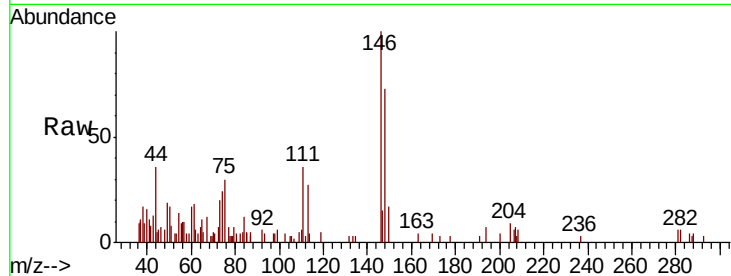
#63
 1,3-Dichlorobenzene
 Concen: 0.109 ug/L
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX018683.D
 Acq: 30 Sep 2020 02:20

Instrument :
 MSVOA_X
 ClientSampleId :
 BG0Q5DL

Tot Ion	Ratio	Lower	Upper
146	100		
111	35.9	26.7	49.7
148	73.1	44.4	82.5

Manual Integrations
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 10/1/2020 10:07:00 AM

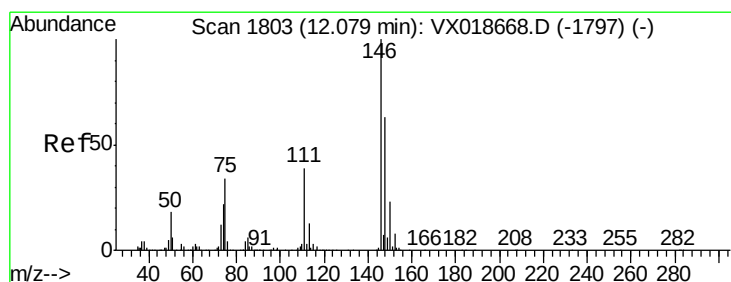
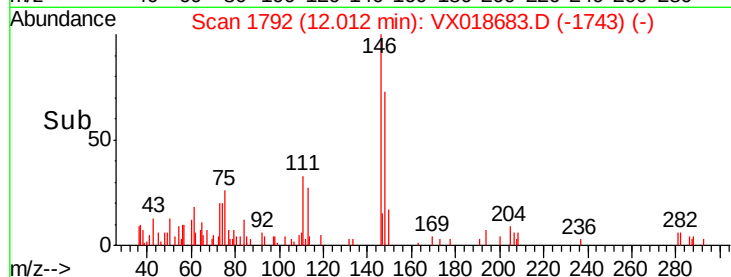
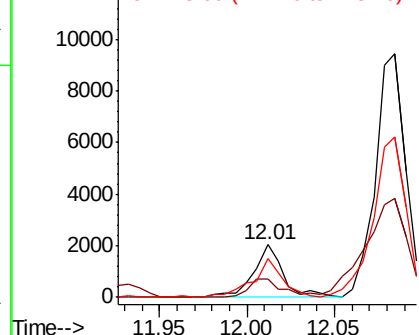


Abundance

Ion 145.95 (145.65 to 146.65): V

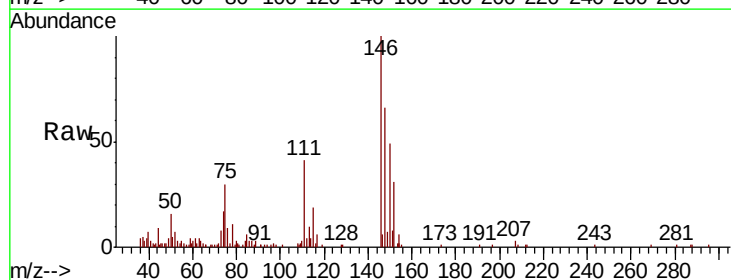
Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#64
 1,4-Dichlorobenzene
 Concen: 0.510 ug/L
 RT: 12.08 min Scan# 1804
 Delta R.T. 0.01 min
 Lab File: VX018683.D
 Acq: 30 Sep 2020 02:20

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.7	28.8	53.4
148	66.1	44.9	83.3

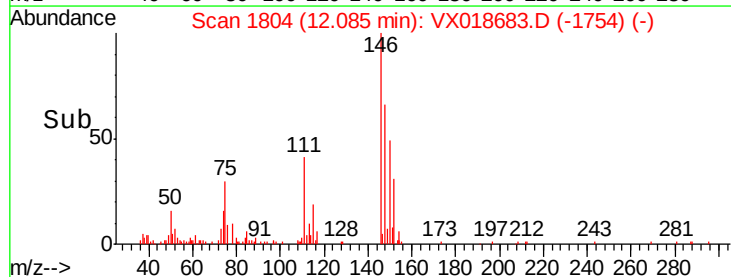
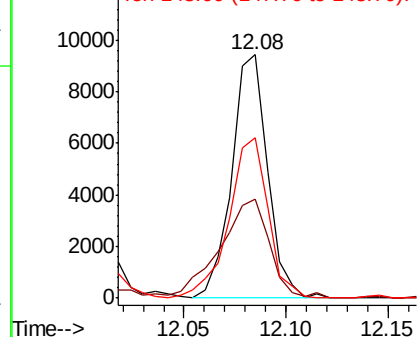


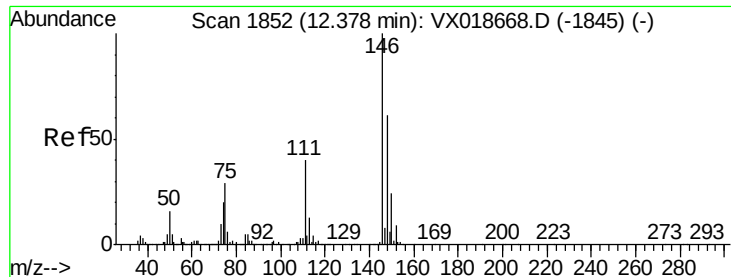
Abundance

Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#66
 1,2-Dichlorobenzene
 Concen: 0.251 ug/L
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX018683.D
 Acq: 30 Sep 2020 02:20

Instrument :
 MSVOA_X
 ClientSampleId :
 BG0Q5DL

Tot Ion:	146	Resp:	5180
Ion Ratio	Lower	Upper	
146	100		
111	42.2	33.6	50.4
148	72.7	53.4	80.2

Manual Integrations
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 10/1/2020 10:07:00 AM

