

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VOX092920\
 Data File : VX018695.D
 Acq On : 30 Sep 2020 13:22
 Operator : JC/SP
 Sample : L4135-01DL 40X
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BG0Q5DL

Manual Integrations
 APPROVED

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 10/1/2020 10:06:54 AM

Quant Time: Oct 05 04:28:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Oct 01 01:06:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	206499	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	198249	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	98314	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	43597	4.03	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.60%
7) Chloroethane-d5	1.70	69	41586	4.56	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.20%
11) 1,1-Dichloroethene-d2	2.34	63	81313	3.41	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.20%
20) 2-Butanone-d5	4.55	46	159360	57.83	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.66%
24) Chloroform-d	5.14	84	128732	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.60%
26) 1,2-Dichloroethane-d4	6.03	65	75578	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.40%
32) Benzene-d6	6.05	84	217772	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
36) 1,2-Dichloropropane-d6	7.37	67	70216	5.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.80%
41) Toluene-d8	8.70	98	196079	4.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.20%
45) trans-1,3-Dichloropropene-	8.99	79	29123	4.69	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.80%
48) 2-Hexanone-d5	9.43	63	122405	55.12	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.24%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	55032	5.30	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.00%
65) 1,2-Dichlorobenzene-d4	12.36	152	84653	5.27	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.40%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	1.72	64	3732m	0.607	ug/L	
30) Cyclohexane	5.55	56	5752	0.383	ug/L	92
33) Benzene	6.11	78	1040032	27.209	ug/L	100
35) Methylcyclohexane	7.44	83	3806	0.247	ug/L	86
42) Toluene	8.76	91	686483	16.627	ug/L	97
53) Chlorobenzene	10.12	112	845758	31.010	ug/L	97
54) Ethylbenzene	10.24	91	44056	0.980	ug/L	98
55) m,p-xylene	10.34	106	8819	0.513	ug/L	100
56) o-xylene	10.68	106	15397	0.948	ug/L	87
58) Isopropylbenzene	11.01	105	57063	1.310	ug/L	98
63) 1,3-Dichlorobenzene	12.01	146	5399	0.253	ug/L	94
64) 1,4-Dichlorobenzene	12.08	146	26564	1.230	ug/L	93
66) 1,2-Dichlorobenzene	12.37	146	12230	0.614	ug/L	95

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

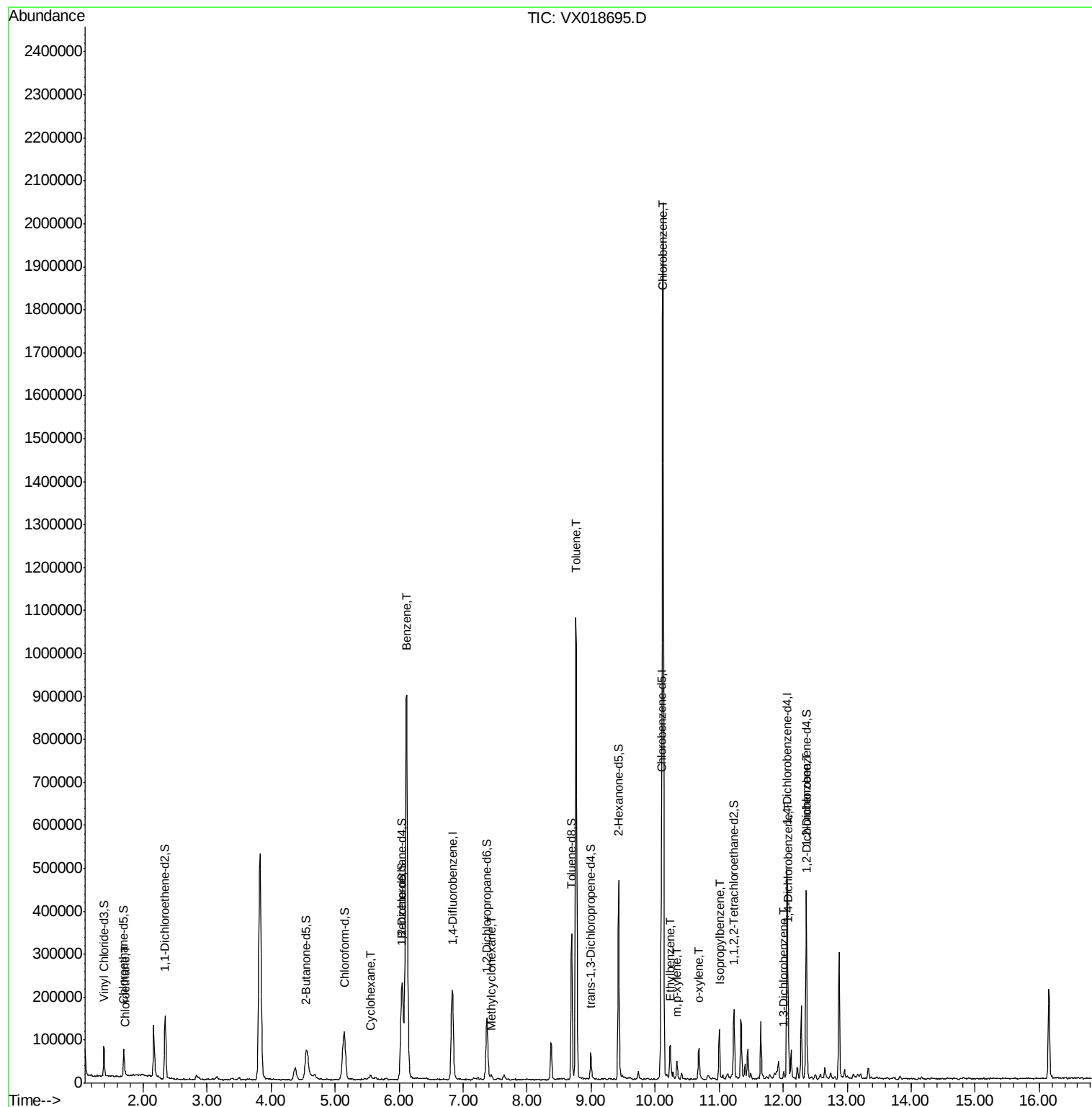
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092920\
Data File : VX018695.D
Acq On : 30 Sep 2020 13:22
Operator : JC/SP
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ALS Vial : 56 Sample Multiplier: 1

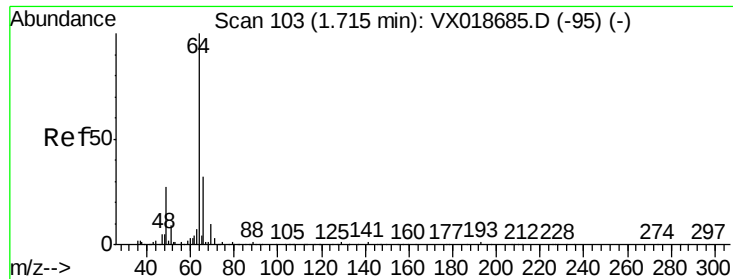
Instrument :
MSVOA_X
ClientSampleId :
BG0Q5DL

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Quant Time: Oct 05 04:28:00 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 01 01:06:26 2020
Response via : Initial Calibration





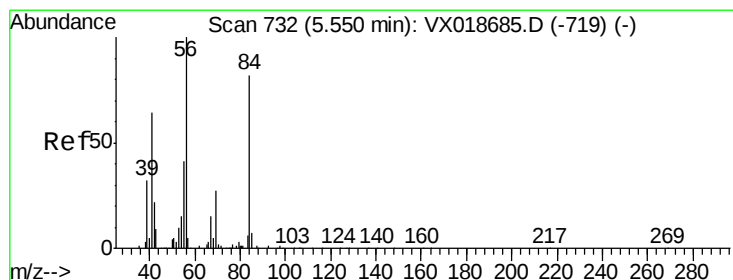
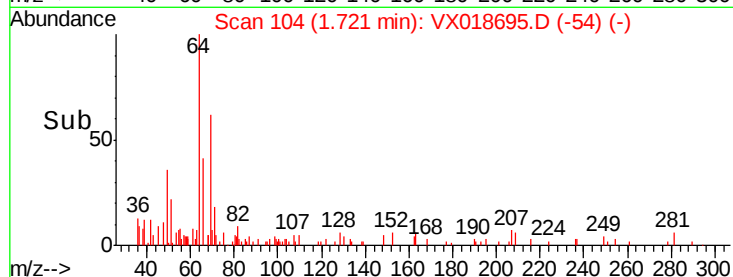
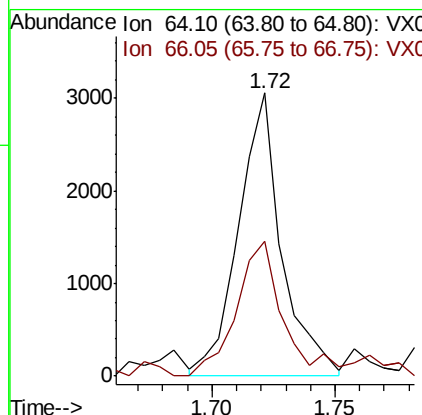
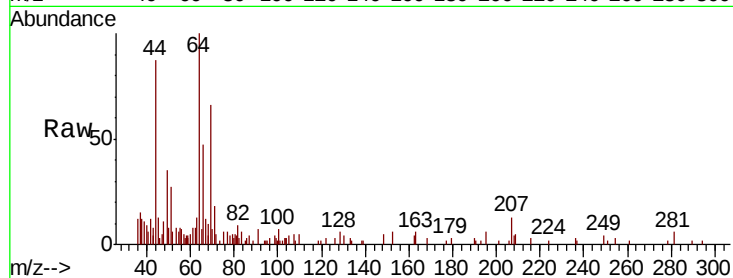
#8
Chloroethane
Concen: 0.607 ug/L m
RT: 1.72 min Scan# 104
Delta R.T. 0.01 min
Lab File: VX018695.D
Acq: 30 Sep 2020 13:22

Instrument :
MSVOA_X
ClientSampled :
BG0Q5DL

Tot Ion: 64 Resp: 3732
Ion Ratio Lower Upper
64 100
66 47.4 22.3 41.3#

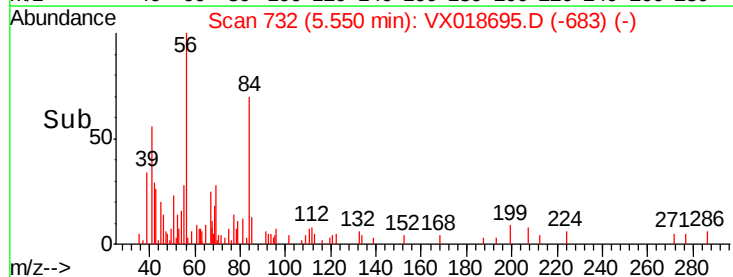
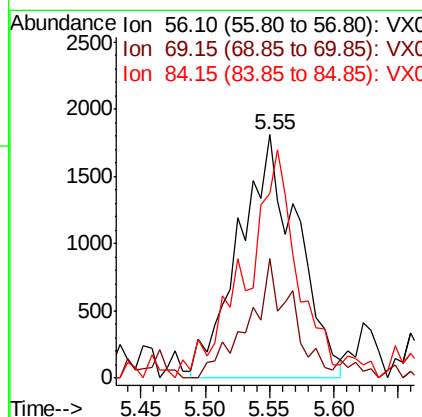
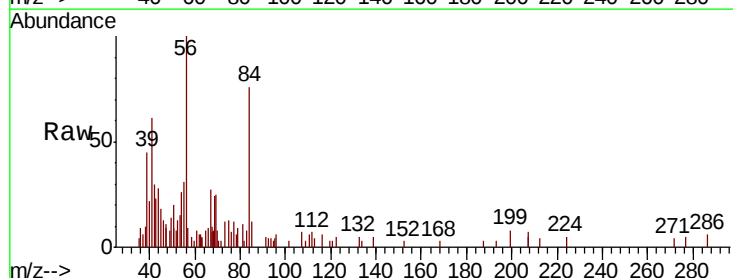
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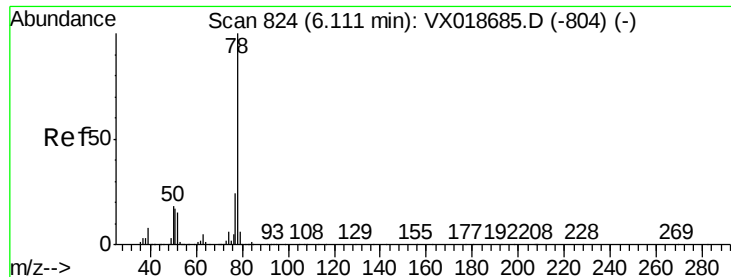
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#30
Cyclohexane
Concen: 0.383 ug/L
RT: 5.55 min Scan# 732
Delta R.T. 0.00 min
Lab File: VX018695.D
Acq: 30 Sep 2020 13:22

Tgt Ion: 56 Resp: 5752
Ion Ratio Lower Upper
56 100
69 36.3 26.4 39.6
84 82.6 72.7 109.1





#33

Benzene

Concen: 27.209 ug/L

RT: 6.11 min Scan# 824

Delta R.T. 0.00 min

Lab File: VX018695.D

Acq: 30 Sep 2020 13:22

Instrument :

MSVOA_X

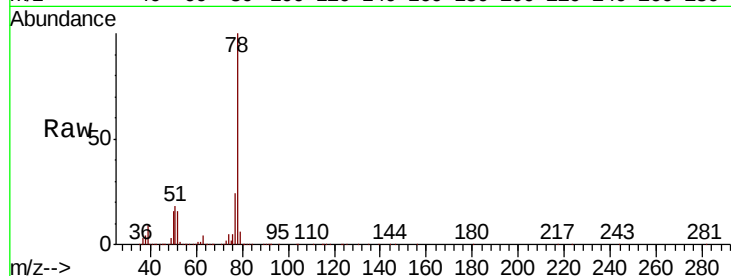
ClientSampleId :

BG0Q5DL

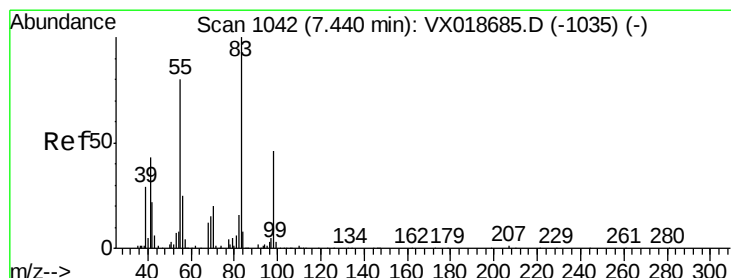
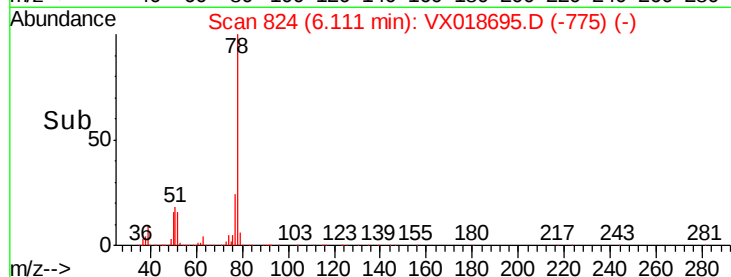
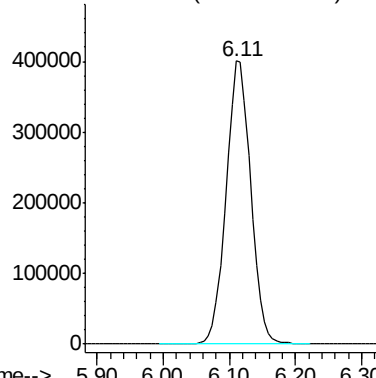
Tgt Ion: 78 Resp: 1040032

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Abundance Ion 78.10 (77.80 to 78.80): VX0



#35

Methylcyclohexane

Concen: 0.247 ug/L

RT: 7.44 min Scan# 1042

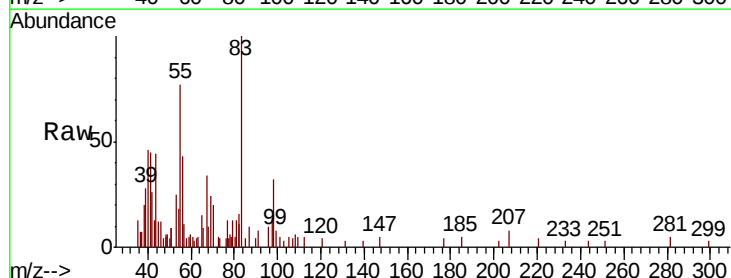
Delta R.T. 0.00 min

Lab File: VX018695.D

Acq: 30 Sep 2020 13:22

Tgt Ion: 83 Resp: 3806

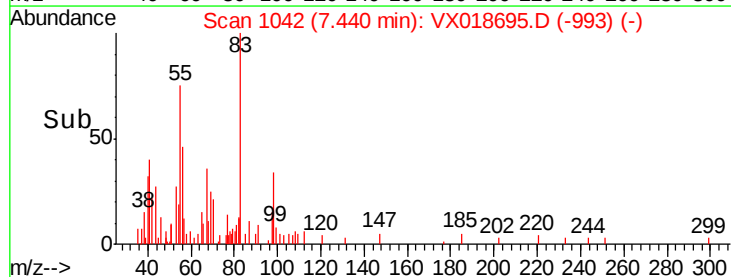
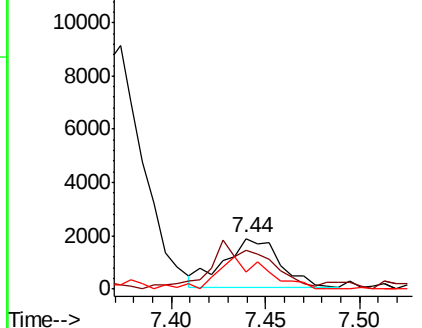
Ion	Ratio	Lower	Upper
83	100		
55	99.6	67.4	101.0
98	58.3	41.1	61.7

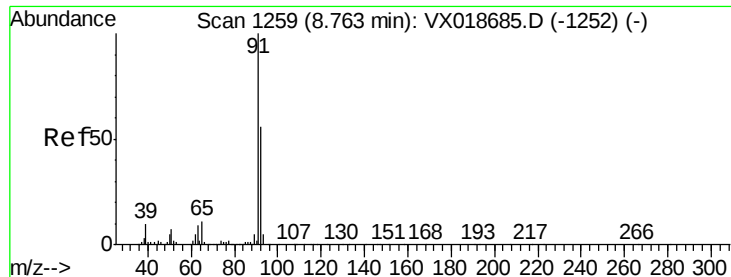


Abundance Ion 83.15 (82.85 to 83.85): VX0

Ion 55.10 (54.80 to 55.80): VX0

Ion 98.15 (97.85 to 98.85): VX0





#42

Toluene

Concen: 16.627 ug/L

RT: 8.76 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VX018695.D

Acq: 30 Sep 2020 13:22

Instrument :

MSVOA_X

ClientSampled :

BG0Q5DL

Tot Ion: 91 Resp: 686483

Ion Ratio Lower Upper

91 100

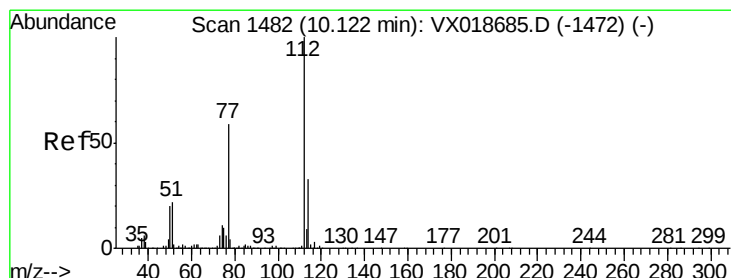
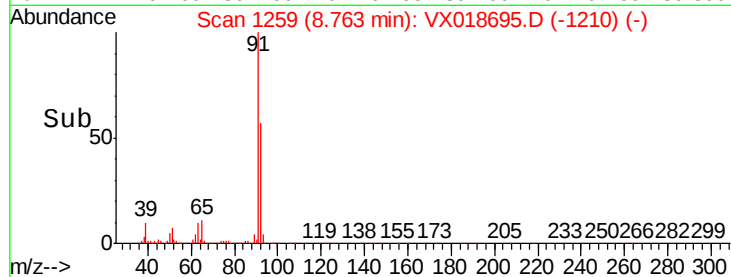
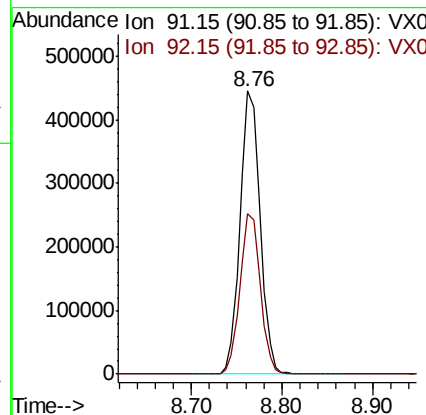
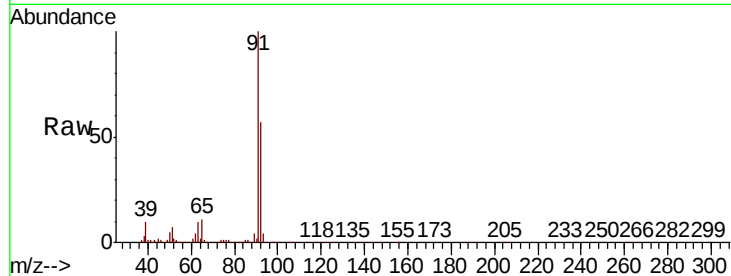
92 56.6 41.1 76.3

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#53

Chlorobenzene

Concen: 31.010 ug/L

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX018695.D

Acq: 30 Sep 2020 13:22

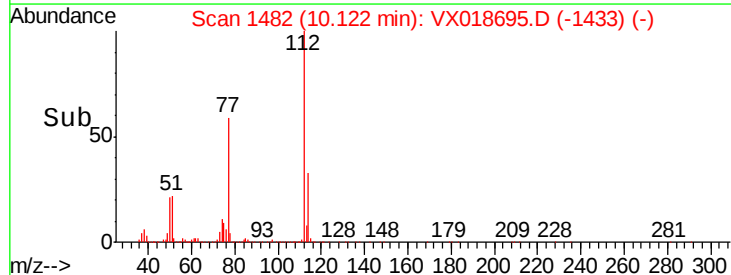
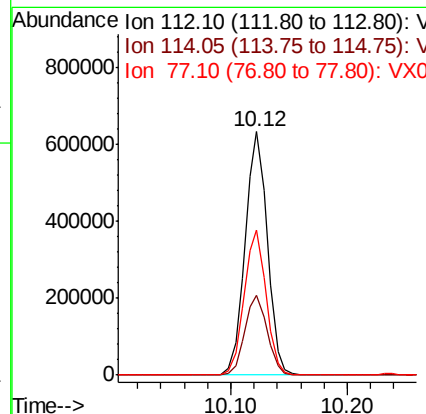
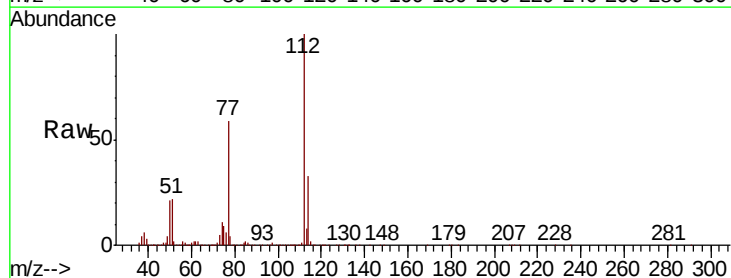
Tgt Ion: 112 Resp: 845758

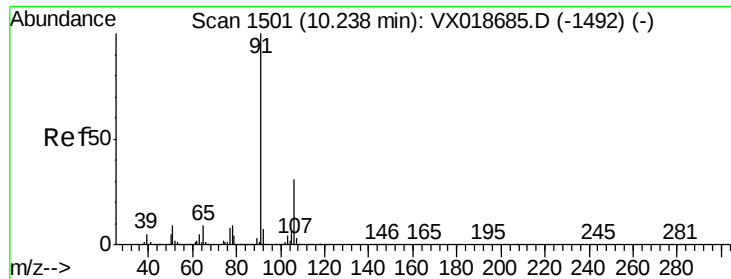
Ion Ratio Lower Upper

112 100

114 33.0 20.6 38.4

77 59.5 46.6 69.8





#54

Ethylbenzene

Concen: 0.980 ug/L

RT: 10.24 min Scan# 1501

Delta R.T. 0.00 min

Lab File: VX018695.D

Acq: 30 Sep 2020 13:22

Instrument :

MSVOA_X

ClientSampleId :

BG0Q5DL

Tot Ion: 91 Resp: 44056

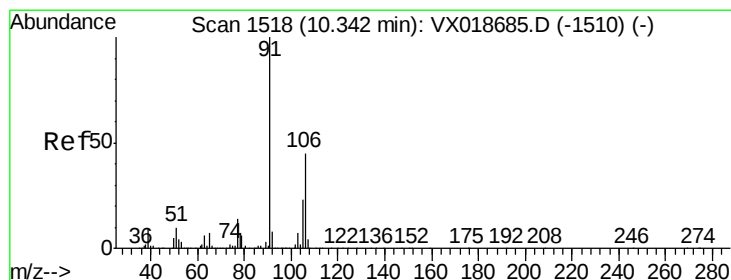
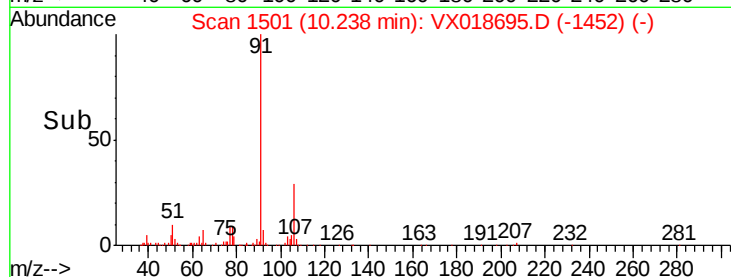
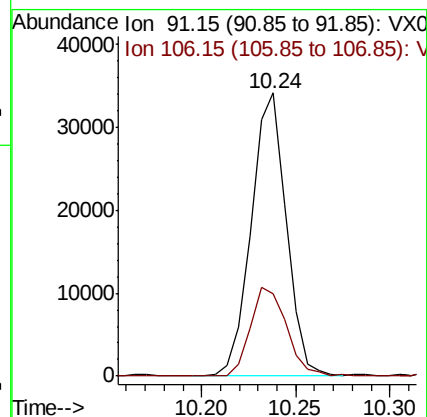
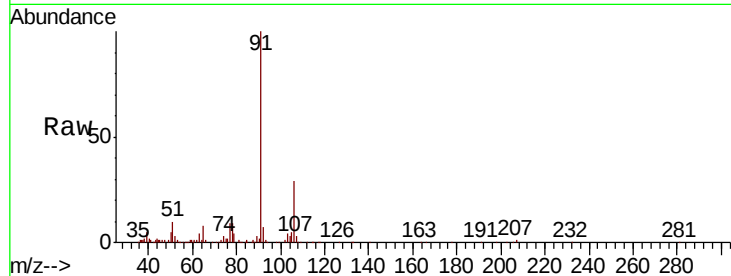
Ion Ratio Lower Upper

91 100

106 29.1 21.0 39.0

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#55

m,p-xylene

Concen: 0.513 ug/L

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX018695.D

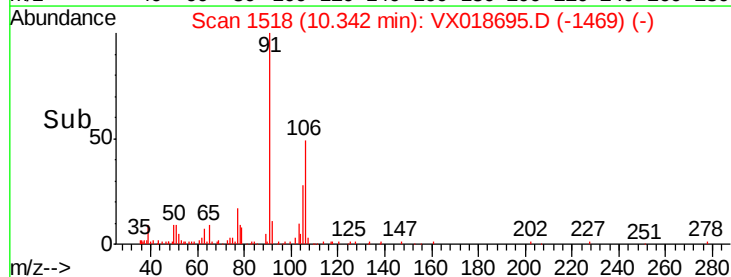
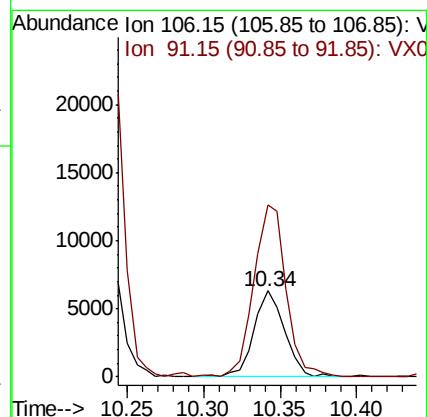
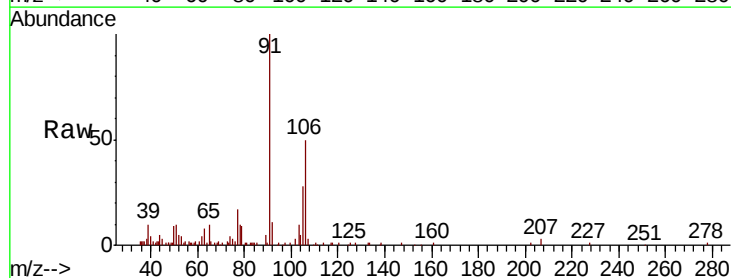
Acq: 30 Sep 2020 13:22

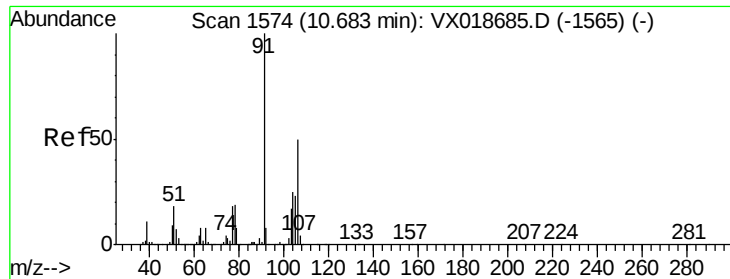
Tgt Ion: 106 Resp: 8819

Ion Ratio Lower Upper

106 100

91 200.3 140.3 260.6





#56

o-xylene

Concen: 0.948 ug/L

RT: 10.68 min Scan# 1574

Delta R.T. 0.00 min

Lab File: VX018695.D

Acq: 30 Sep 2020 13:22

Instrument :

MSVOA_X

ClientSampled :

BG0Q5DL

Tot Ion:106 Resp: 15397

Ion Ratio Lower Upper

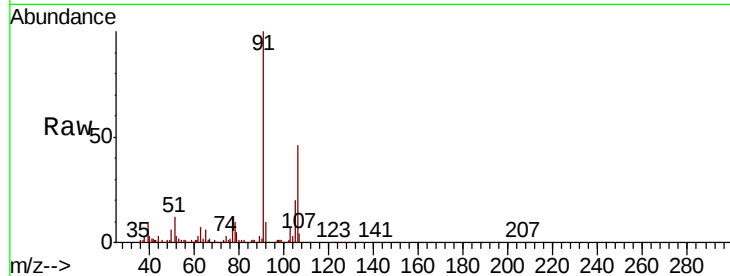
106 100

91 216.7 167.5 311.1

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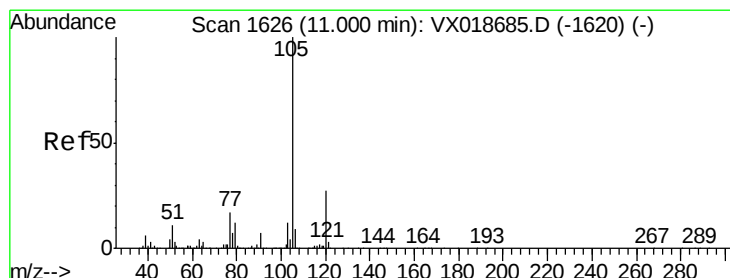
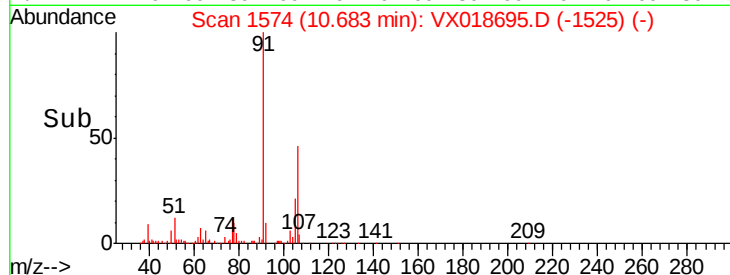
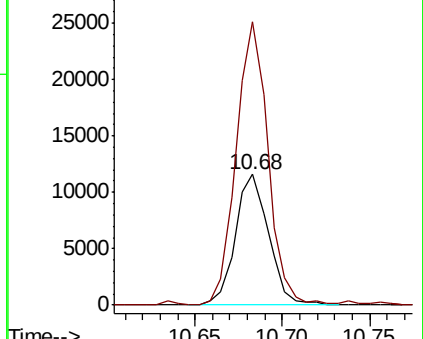
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Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VX0



#58

Isopropylbenzene

Concen: 1.310 ug/L

RT: 11.01 min Scan# 1627

Delta R.T. 0.01 min

Lab File: VX018695.D

Acq: 30 Sep 2020 13:22

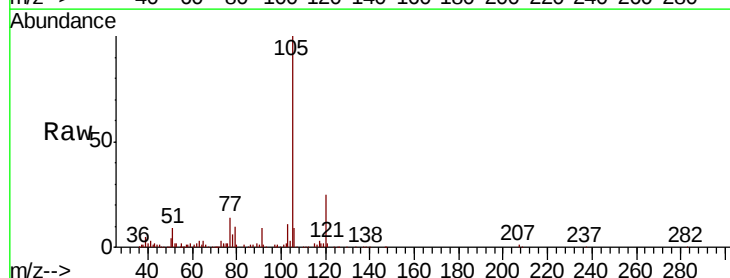
Tgt Ion:105 Resp: 57063

Ion Ratio Lower Upper

105 100

120 25.7 21.2 31.8

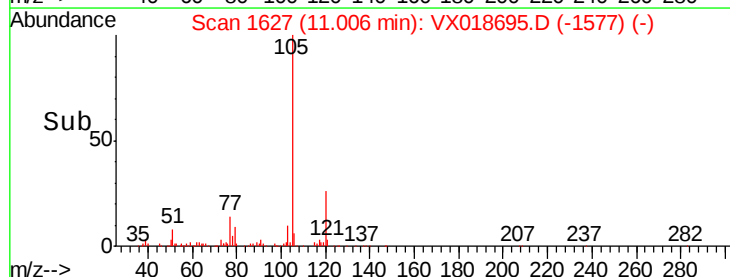
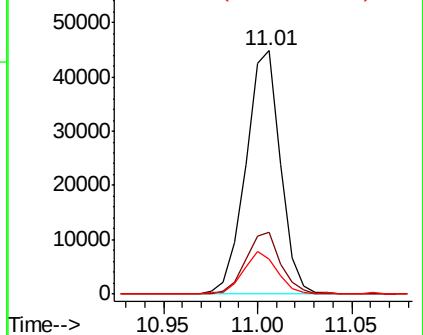
77 17.6 13.3 19.9

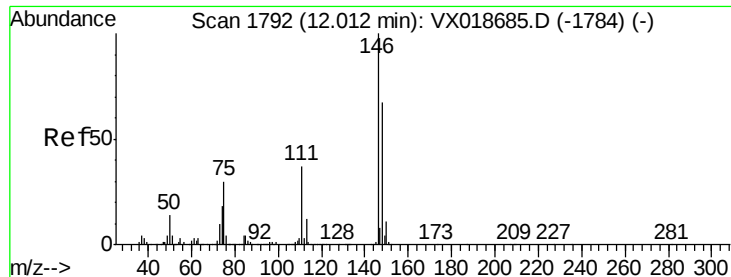


Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.10 (119.80 to 120.80): V

Ion 77.10 (76.80 to 77.80): VX0





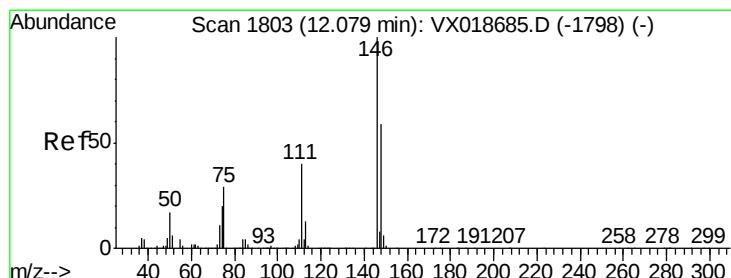
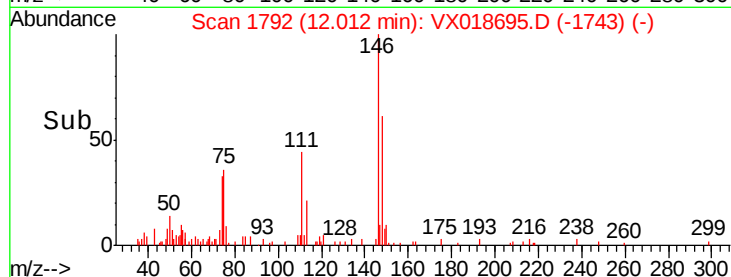
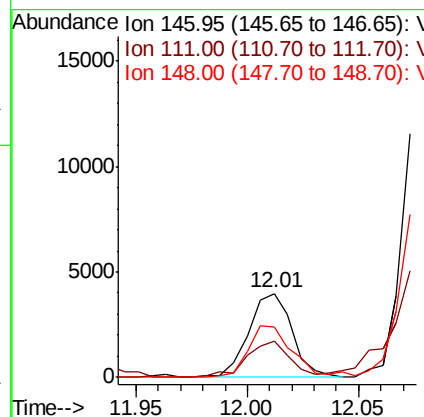
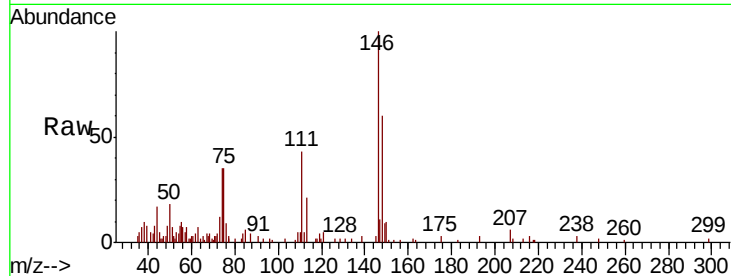
#63
 1,3-Dichlorobenzene
 Concen: 0.253 ug/L
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX018695.D
 Acq: 30 Sep 2020 13:22

Instrument :
 MSVOA_X
 ClientSampleId :
 BG0Q5DL

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.4	26.7	49.7
148	59.6	44.4	82.5

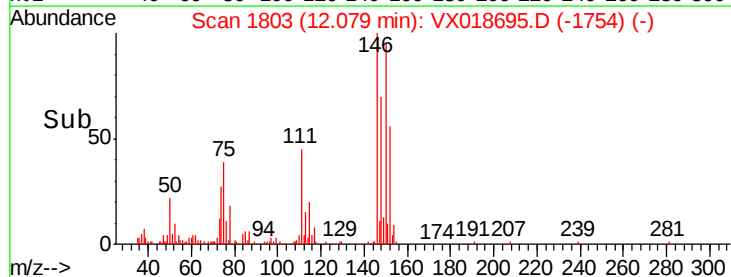
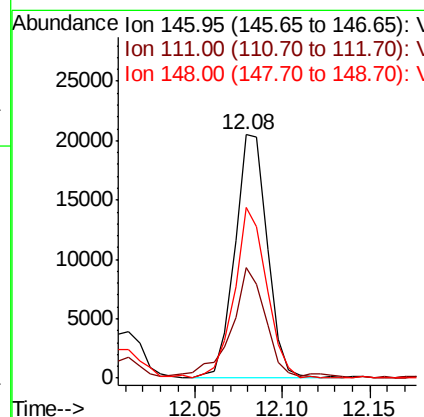
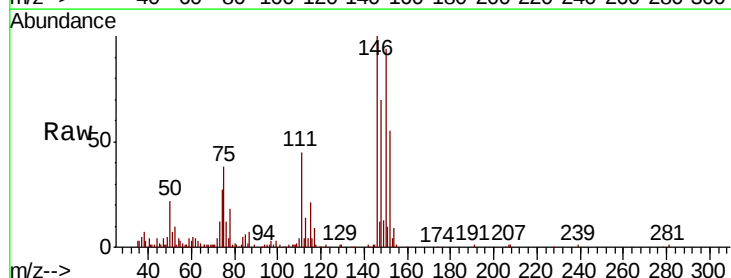
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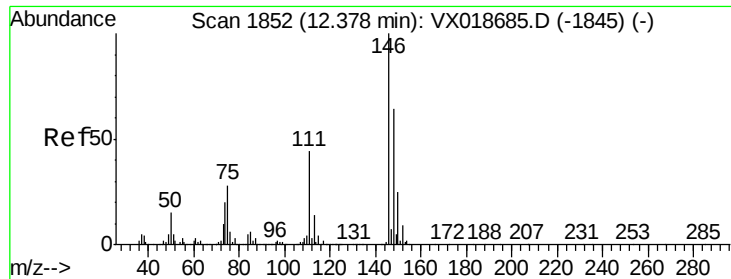
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 10/1/2020 10:06:54 AM



#64
 1,4-Dichlorobenzene
 Concen: 1.230 ug/L
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX018695.D
 Acq: 30 Sep 2020 13:22

Tgt Ion	Ratio	Lower	Upper
146	100		
111	45.2	28.8	53.4
148	70.2	44.9	83.3





#66
 1,2-Dichlorobenzene
 Concen: 0.614 ug/L
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: VX018695.D
 Acq: 30 Sep 2020 13:22

Instrument :
 MSVOA_X
 ClientSampleId :
 BG0Q5DL

Tot Ion:	146	Resp:	12230
Ion Ratio	Lower	Upper	
146	100		
111	42.0	33.6	50.4
148	60.5	53.4	80.2

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